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**Article:**

Pearce-Higgins, James W., Beale, Colin Michael [orcid.org/0000-0002-2960-5666](https://orcid.org/0000-0002-2960-5666), Oliver, Tom et al. (20 more authors) (2017) A national-scale assessment of climate change impacts on species: assessing the balance of risks and opportunities for multiple taxa. *Biological Conservation*. pp. 124-134. ISSN 0006-3207

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## Manuscript Details

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| <b>Manuscript number</b> | BIOC_2017_227  |
| <b>Title</b>             | A national-scale assessment of climate change impacts on species: assessing the balance of risks and opportunities for multiple taxa |
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### Abstract

It is important for conservationists to be able to assess the risks that climate change poses to species, in order to inform decision making. Using standardised and repeatable methods, we present a national-scale assessment of the risks of range loss and opportunities for range expansion that climate change could pose for over 3,000 plants and animals. Species were selected by their occurrence in England, the primary focus of the study, but climate change impacts were assessed across Great Britain, widening their geographical relevance. A basic risk assessment that compared projected future changes in potential range with recently observed changes classified 21% of species as being at high risk and 6% at medium risk of range loss under a B1 climate change scenario. A greater number of species were classified as having a medium (16%) or high (38%) opportunity to potentially expand their distribution. A more comprehensive assessment, incorporating additional ecological information, including potentially confounding and exacerbating factors (e.g. dispersal, habitat availability and other constraints), was applied to 402 species, of which 35 % were at risk of range loss and 42 % may expand their range extent. This study covers a temperate region with a significant proportion of species at their poleward range limit; the balance of risks and opportunities from climate change may be different elsewhere. The outcome of both risk assessments varied between taxonomic groups, with bryophytes and vascular plants containing the greatest proportion of species at risk from climate change. Upland habitats contained more species at risk than other habitats. Whilst the overall pattern was clear, confidence was generally low for individual assessments, with the exception of well-studied taxa such as birds. In response to climate change, nature conservation needs to plan for changing species distributions and increasing uncertainty of the future.

|                             |  |
|-----------------------------|--|
| <b>Keywords</b>             | adaptation; climate change; climate envelope; Great Britain; risk assessment; vulnerability  |
| <b>Taxonomy</b>             | Climate Change Adaptation, Nature Conservation, Global Change Vulnerability  |
| <b>Corresponding Author</b> | James Pearce-Higgins   |
| <b>Order of Authors</b>     | James Pearce-Higgins, Colin Beale, Tom Oliver, Tom August, Matthew Carroll, Dario Massimino, Nancy Ockendon, Joanne Savage, Christopher Wheatley, Malcolm Ausden, Richard Bradbury, Simon Duffield, Nicholas Macgregor, Colin McClean, Michael Morecroft, Chris Thomas, Olly Watts, Bjorn Beckmann, Richard Fox, Helen Roy, Peter Sutton, Kevin Walker, Humphrey Crick |
| <b>Suggested reviewers</b>  | Rob Brooker, Wendy Foden, Paul Pearce-Kelly  |

## Submission Files Included in this PDF

### File Name [File Type]

Risk and opportunities resubmission letter.docx [Cover Letter]

Comments from the editors and reviewers.docx [Response to Reviewers]

Risk and opportunities resubmission track changes.docx [Revised Manuscript with Changes Marked]

Risk and opportunities resubmission appendices track changes.docx [Revised Manuscript with Changes Marked]

Risk and opportunities resubmission.docx [Manuscript File]

Risk and opportunities resubmission appendices.docx [Supporting File]

Appendix 5. Species outcomes from the simplified risk assessment.xlsx [Supporting File]

Appendix 6. Species outcomes from the full risk assessment.xlsx [Supporting File]

To view all the submission files, including those not included in the PDF, click on the manuscript title on your EVISE Homepage, then click 'Download zip file'.

**British Trust for Ornithology (BTO)**

The Nunnery  
Thetford  
Norfolk, IP24 2PU  
T: 01842 750050  
F: 01842 750030



Re: Revisions to BIOC\_2017\_227

Dear Vincent,

Many thanks for the invitation to resubmit manuscript BIOC\_2017\_227, retitled '**A national-scale assessment of climate change impacts on species: assessing the balance of risks and opportunities for multiple taxa**'. We are also grateful to the three reviewers for their comments and requests for clarification, which we believe have significantly improved the manuscript. Their comments are duplicated in the response to reviewers, with our specific responses outlined in italics.

Many thanks in advance for reconsidering this submission, and we look forward to hearing from you regarding this manuscript.

With best wishes,

James Pearce-Higgins

(on behalf of all authors)

## Comments from the editors and reviewers:

### Reviewer #1

- This is a thorough and well constructed though necessarily complex study, though simplified and nicely understandable in the manuscript (supplementary Appendices appear to provide sufficient additional detail). I have only a few points of clarification that I think would benefit the main manuscript:

*Thank you for these comments and points of clarification.*

1. It would be useful in the Abstract to indicate that although the species analysed were sampled for their occurrence in England (making the study relevant to a geopolitical entity and its conservation assessments), the analytical framework considers their broader distributions where possible, during the bioclimatic modelling and to inform their risk/opportunity within the focal region; as it stands, the focus on England in the Abstract can lead to the assumption that the distribution modelling is geographically restricted. Indeed, it seemed odd to me that the study considered 'English species' ostensibly to inform conservation decision-making, but then examined their risk/opportunity across Britain; why not just consider British species, since many more arctic/alpine species will occur in Scotland, and this could shift the outcome significantly (the balance of increasing/decreasing species)?

*This study was funded by Natural England, the Statutory Nature Conservation Body responsible for nature conservation in England, hence the geographical focus, but considered distributions and future projections within Britain, as the geographical area within the UK most relevant for the conservation of these species. Whilst we can see that this does lead to an apparently 'odd' discrepancy, as indicated in the discussion, in actual fact this difference enabled us to include more northern / upland species than we otherwise would have done had we maintained an England only restriction (L361-366). In response to this comment, we have inserted an additional sentence in the abstract to better explain this separation (L40-42), and then in the introduction (L109-111).*

2. It is interesting that the Abstract suggests the study can robustly identify general patterns of biodiversity risk/opportunity despite low confidence for individual species assessments, while the opening of the Introduction states that it is necessary to prioritise species for conservation; to some degree this appears to be a tension throughout the manuscript - i.e. the ability to extract generalities, but with low confidence for any given species (at least for many species) - and I think this conflict could be better expressed through the structure of the Discussion.

*This is a useful observation, thank you. Additional text to reflect this tension is inserted in L483-490.*

3. It would be helpful to know in the main manuscript which climate data were used at the baseline and for future projections, whether from the UK Met Office, or some other data source (e.g. WorldClim); furthermore, the paper appears to use the SRES emissions scenarios based on storylines (B1, A1F etc.), and it is now important to cross-reference these against the more up-to-date RCP approach, and to indicate where the scenarios used here sit within the RCP framework.

*Our projections were based upon the outputs from the UK Met Office (UKCP09), which as identified by the reviewer, probably require a little more detail, particularly for international readers. This is now clarified in the text (apologies for this omission), with further detail provided about the projections and how they relate to the RCPs (L183-193).*

4. It was unclear to me how the ecological data, where available (e.g. relating to dispersal), was standardised across such divergent groups. For example, is a dispersal-limited bryophyte considered in the same category as a dispersal-limited bird or butterfly, or is there some across-group calibration (e.g. a dispersal-limited bird = a medium-dispersed bryophyte...). This seems a really

problematic issue when comparing across groups, and it'd be helpful to know some more detail on how this was handled.

*More detail about how the exacerbating factors, such as dispersal and habitat availability, were used to moderate the outcome of the risk assessment, is now provided L232-241.*

5. It would also be very useful to specify directly what the risks/opportunities consist of (lines 122-124), rather than referencing a previous paper.

*Text has been inserted to emphasise that the risks are of species decline in parts of its current range, and opportunities for range expansion into other regions, as a result of climate change, and that by combining observed and modelled responses to climate change, the assessment is appropriate for the long time-frame over which climate change is likely to impact species (L126-132).*

6. Line 446 - butterflies

*Changed - thanks*

7. Figure 1 - second box in second column (Is the decline is linked)

*Changed - thanks*

#### **-Reviewer #2**

- This is an important and timely contribution to climate change assessment efforts and the authors have done a good job in explaining their approach, findings and the associated constraints. Because the constraints are well covered I have no significant critical comments. It would be interesting to have more details on the potential exacerbating factors that were used to assess the degree of confidence but this does not overly detract from the value of the paper. The author's are to be congratulated on realising such an ambitious and important initiative.

*Many thanks for these positive comments and for the observation about the value of providing more details about the use of exacerbating actors. We have done this, explaining more clearly what these exacerbating factors are and how they are used to influence both the eventual assessment scores, and their confidence (L232-245).*

- Reviewer #3

This paper describes use of two methods for assessing the potential impacts of climate change on the distributions of a broad range of species in England. A basic risk assessment method compared projected range changes with those observed, while a more detailed assessment included additional ecological information in projections, as per a previously published approach. The paper describes and compares the results of both methods and specifically examines differences in risk between taxonomic groups and habitat. A detailed discussion of conservation implications is provided.

The study tackles the important and poorly covered issue of national-scale assessments of climate change impacts on biodiversity. The methods it proposes are valid and valuable for this purpose, and provide a good foundation for further development of this field. While the levels of data available for England may be aspirational for many countries, this demonstration of how they may be used is important. The various challenges and shortcomings of the methods are mostly well acknowledged and discussed and the appendices provide enough information on methods and the English species. The paper is well written and data is suitably presented. My major concern regards the species distribution modeling, including use of outdated projections (discussed below). Overall, however, I think the paper is well worth publishing, subject to some suggested revisions.

*Thank you for these comments. Our responses to the detailed criticisms are outlined below.*

## Main concerns

Species Distribution Modeling concerns:

1. Use of IPCC AR4 emissions scenarios (2007) rather than AR5's RCPs (2013).
2. Use of only one model type (i.e. GAM).
3. Use of a single set of bioclimatic variables for all taxonomic groups considered, from birds to plants. This is widely regarded as inadvisable, for obvious reasons.

Updating these would be first prize. However, understanding the amount of work this would involve, exploring the implications of the above for a subset of species and exploring broader effects on results would probably suffice. A "Ways forward" or "Recommended next steps" section or paragraph suggesting methodological improvements would also be beneficial.

*You are correct, that many such SDM studies adopt an ensemble approach covering a range of modelling types, GCMs and emissions scenarios. The resulting spread of projections are regarded as more likely to capture the future than a single output. However, we believe we have a good case for our approach of selecting a single modelling approach and GCM that is most likely to work best for our purposes. However, we had not explained this clearly. This justification is now set-out better in L491-508.*

*We disagree with the suggestion of using different bioclimatic variables for different taxa - many studies use a set of ecologically relevant variables that are likely to work across taxa (e.g. Huntley et al. 2007 modelled the abundance of European birds from 3 variables based largely on a knowledge of plant biogeography). There is increasing evidence that the relationships between species populations and climate have common patterns across taxa (e.g. Pearce-Higgins et al. 2015 Proc Roy Soc B), probably because most of the climate change impacts operate through altered species' interactions rather than directly through a species' physiology and tolerance to different climatic extremes (Ockendon et al. 2014 GCB).*

The omission of rare species is a serious concern in drawing conclusions from both methods used, but on the whole, the authors acknowledge and discuss this issue satisfactorily in the discussion. As part of this, they compare the results using GB + European data with GB only data and find, as expected, that the latter are more pessimistic. What's not acknowledged, however, is that for species that are not European endemics, this pessimism is even more pronounced. If possible, assess the impacts of this, and at least discuss it.

*As recognised, the difficulties posed by rare species are already discussed in L355-369. However, the specific omission of potential colonists from Europe was not covered. It is difficult to deal with in practice because it is difficult to know the extent to which any lack of occurrence is down to the sea barrier of the English Channel, or down to climate change. However, the reviewer is correct that by focussing on species that currently occur in England, we will not have allowed for potential colonisation of new species, which we know to be happening, at least in some groups. This limitation is now acknowledged (L381-387).*

Why present the results of B1 only in the main paper - current National Commitments reflect a likely change of 3°C (UNEP), and given uncertainties in CO2 emissions politics, this could feasibly lead to anywhere between 2 and 4 degrees. You discuss that there is a strong correlation in results from B1 and A1B, which is expected, but by leaving out the A1B results we don't get a sense of the extent of uncertainty or of which new species would become at risk.

*Given the length of the manuscript, we are reluctant to introduce significant additional content into the results section, as suggested by the review. The slightly more pessimistic nature of the A1B scenario under the simplified risk assessment is indicated in L277-279, although the results differed little for the full risk assessment (now added for clarity in L305-307). Hopefully by making the information from the A1B scenario available in Tables A1 and A2, Appendix 1 (which wasn't particularly clear from the previous legend text for these tables), and as individual species-level*

*assessments in Appendices 5 and 6, that achieves the right balance of content in the paper and appendices, whilst making the differences between these two scenarios available to the reader. However, if the editor would like us to include more information from the A1B scenario in the main paper, we can do.*

### **Detailed comments**

Title: "A national-scale assessment of climate risk to species". This should read "climate change". Since it's risks and vulnerabilities, the first component of the title might be "climate change impacts on species:.."

*The title has been changed, as suggested, to 'A national-scale assessment of climate change impacts on species: assessing the balance of risks and opportunities for multiple taxa'*

168: This isn't an estimate of species' responses, but of shifts in climate space/potential range shifts. Please reword.

*Changed to potential range shifts as suggested.*

191: should subspecies and varieties be included? If these have reproductive compatibility with others in their species as can be expected then this will lead to overestimation of the species' extinction risk. Results discussed in terms of species so this is misleading.

*The approach taken matches that of other previous studies of these data (e.g. Dyer et al. 2016 J App Ecol). There is not necessarily a straight-forward response to the taxonomic challenges of some of these species, and how they are split into different sub-species or distinct varieties, particularly as the taxonomy can change through time. We have therefore maintained the current taxonomic distinctions as represented in the species' database, but in order to assess whether this is likely to bias the results, also present the risk assessment outcomes just for full species. The general similarity of assessment for both 'true' species and all taxonomic concepts suggests that the potential risk of overestimation of species' extinction risk is not a large one.*

Ln 446 – typo

Ln 508 – "are necessary"

*Dealt with, thank you.*

### **Additional changes**

*A number of other additional textual changes have been made to the manuscript for clarity, and which are shown by submitting a version of the document showing these using 'track changes'. In particular, we have tightened up the use of some of the terminology. We noted a slight discrepancy between the use of the term 'threat' in the appendix and 'risk' in the main manuscript, which has now been standardised to 'risk' throughout. We have also standardised the use of the term 'opportunity', whereas in the original submission, this term was used interchangeably with 'benefit'.*

1 **A national-scale assessment of climate change impacts risk to on species: assessing the**  
2 **balance of risks and opportunities for multiple taxa**

3 James W. Pearce-Higgins<sup>1,2</sup>, Colin M. Beale<sup>3</sup>, Tom H. Oliver<sup>4,5</sup>, Tom A. August<sup>4</sup>, Matthew  
4 Carroll<sup>3,6,7</sup>, Dario Massimino<sup>1</sup>, Nancy Ockendon<sup>1,2</sup>, Joanne Savage<sup>4</sup>, Christopher J.  
5 Wheatley<sup>3</sup>, Malcolm A. Ausden<sup>6</sup>, Richard B. Bradbury<sup>2,6,7</sup>, Simon J. Duffield<sup>8</sup>, Nicholas A.  
6 Macgregor<sup>8,9</sup>, Colin J. McClean<sup>10</sup>, Michael D. Morecroft<sup>8</sup>, Chris D. Thomas<sup>3</sup>, Olly Watts<sup>6</sup>,  
7 Björn C. Beckmann<sup>3,4,11</sup>, Richard Fox<sup>12</sup>, Helen E. Roy<sup>4</sup>, Peter G. Sutton<sup>11</sup>, Kevin J. Walker<sup>13</sup>,  
8 Humphrey Q.P. Crick<sup>8</sup>

9

10 <sup>1</sup> *British Trust for Ornithology, The Nunnery, Thetford, Norfolk, IP24 2PU, UK*

11 <sup>2</sup> *Conservation Science Group, Department of Zoology, University of Cambridge, Downing*  
12 *Street, Cambridge CB2 3EJ, UK*

13 <sup>3</sup> *Department of Biology, University of York, Wentworth Way, York, YO10 5DD, UK*

14 <sup>4</sup> *Centre for Ecology & Hydrology, Maclean Building, Benson Lane, Crowmarsh Gifford,*  
15 *Wallingford, Oxfordshire, OX10 8BB, UK*

16 <sup>5</sup> *School of Biological Sciences, University of Reading, Whiteknights, Reading, Berkshire*  
17 *RG6 6AS, UK.*

18 <sup>6</sup> *Royal Society for the Protection of Birds, The Lodge, Sandy, Beds., SG19 2DL, UK*

19 <sup>7</sup> *RSPB Centre for Conservation Science, The David Attenborough Building, Pembroke*  
20 *Street, Cambridge CB2 3QZ, UK*

21 <sup>8</sup> *Natural England, Eastbrook, Shaftesbury Road, Cambridge, CB2 8DR, UK*



22 <sup>9</sup> *Durrell Institute of Conservation and Ecology (DICE), School of Anthropology and*  
23 *Conservation, University of Kent, Canterbury, Kent, CT2 7NR, UK*

24 <sup>10</sup>*Environment Department, University of York, Wentworth Way, York, YO10 5NG, UK*

25 <sup>11</sup>*Orthoptera and Allied Insects Recording Scheme of Britain and Ireland, c/o Biological*  
26 *Records Centre, Centre for Ecology & Hydrology, Wallingford, OX10 8BB, UK*

27 <sup>12</sup>*Butterfly Conservation, Manor Yard, East Lulworth, Wareham, Dorset, BH20 5QP, UK*

28 <sup>13</sup> *Botanical Society of Britain and Ireland (BSBI), Room 14 Bridge House, 1-2 Station*  
29 *Bridge, Harrogate, North Yorkshire HG1 1SS, UK*

30

31 Corresponding author: Pearce-Higgins, J.W. Email: james.pearce-higgins@bto.org, Tel: +44  
32 (0)1842 750050

33

34 Word count (9,248 including references 2,143, tables and figures 763)

35

## 36 Abstract

37 It is important for conservationists to be able to assess the risks that climate change poses to  
38 species, in order to inform decision making. Using standardised and repeatable methods, we  
39 present a national-scale assessment of the risks of range loss and opportunities for range  
40 expansion; that climate change could pose for over 3,000 plants and animals. Species were  
41 selected by their occurrence in England, the primary focus of the study, but climate change  
42 impacts were assessed across Great Britain, widening their geographical relevance. future  
43 that occur in England. A basic risk assessment that compared projected future changes in  
44 potential range with recently observed changes classified 21% of species as being at high risk  
45 and 6% at medium risk of range loss under a B1 climate change scenario. A greater number  
46 of species were classified as having a medium (16%) or high (38%) opportunity to potentially  
47 expand their distribution. A more comprehensive assessment, incorporating additional  
48 ecological information, including potentially confounding and exacerbating factors (e.g  
49 .dispersal, habitat availability and other constraints), was applied to 402 species, of which 35  
50 % were at risk of range loss and 42 % may expand their range extent. This study covers a  
51 temperate region with a significant proportion of species at their poleward range limit; ~~and~~  
52 ~~The~~the balance of risks and opportunities from climate change may be different elsewhere.  
53 The outcome of both risk assessments varied between taxonomic groups, with bryophytes  
54 and vascular plants containing the greatest proportion of species at risk from climate change.  
55 Upland habitats contained more species at risk than other habitats. Whilst the overall pattern  
56 was clear, confidence was generally low for individual assessments, with the exception of  
57 well-studied taxa such as birds. ~~In~~ response to climate change, nature conservation needs to  
58 plan for changing species distributions and increasing uncertainty of the future.

- 60 Keywords: adaptation; climate change; climate envelope; Great Britain; risk assessment;
- 61 vulnerability

## 62 **Introduction**

63 To make the best use of conservation resources, it is necessary to prioritise species for action,  
64 for example according to their current status and the threats that they face. Globally, the most  
65 widely adopted framework for this is the IUCN Red List which quantifies extinction risk  
66 using information on the population size and range extent of a species, and the rate of change  
67 in those parameters (Mace et al., 2008, IUCN 2016). Anthropogenic climate change is likely  
68 to exacerbate the extinction risk of many species over the course of this century (Thomas et  
69 al., 2004, Bellard et al., 2012, Warren et al., 2013, Foden et al., 2013). A number of  
70 approaches have been developed to assess the potential impact of climate change on species'  
71 future status (Akçakaya et al., 2015). One common approach uses species distribution models  
72 (widely termed bioclimatic-envelope or climate-envelope models) to link distribution to  
73 climate variables and project the likely future impact of climate change on species'  
74 distributions (e.g. Thomas et al., 2004, Huntley et al., 2007, Walmsley et al., 2007, Warren et  
75 al., 2013). An alternative approach is to undertake vulnerability assessments which may  
76 combine a measure of future projected climate change (exposure) with ecological traits to  
77 identify the sorts of species most likely to be both sensitive to and lack the capacity to adapt  
78 to climate change (e.g. Gardali et al., 2012, Foden et al., 2013).

79 Vulnerability assessments have often been applied to single taxonomic groups within  
80 particular regions or countries (e.g. Heikkinen et al., 2010, Barbet-Massin et al., 2012) or,  
81 less commonly across a global scale (Jetz et al., 2007, Foden et al., 2013). Relatively few  
82 vulnerability assessments have covered the full range of biodiversity present within a  
83 particular geographical area, despite the fact that a comprehensive assessment of as many  
84 taxa as possible would assist governments and conservation organisations plan and adapt to  
85 climate change. Achieving such wide coverage is challenging because many assessments

86 require taxon-specific information or use approaches that have limited applicability to other  
87 taxa (e.g. Heikkinen et al., 2010, Gardali et al., 2012, Moyle et al., 2013). To date, it has been  
88 difficult to develop an approach which works across a range of taxa due to the different  
89 nature of ecological traits across contrasting taxonomic groups, and the variable availability  
90 of data (e.g. of species distributions, trends and traits). The strong tradition of biological  
91 recording in Britain across a wide range of taxa provides a rare opportunity to tackle this  
92 challenge.

93 Thomas et al., (2010<sup>1</sup>) developed a framework to assess the threats and potential benefits of  
94 climate change that is applicable to a wide range of taxa. It uses bioclimatic-envelope models,  
95 combined with information on recent trends and additional ecological information, to identify  
96 the likelihood of species' range expansion and contraction, and has so far been applied to UK  
97 butterflies and some exemplar species from other taxa (Thomas et al., 2010<sup>1</sup>). Here, we use a  
98 modification of this approach to undertake a climate change vulnerability assessment of more  
99 than 3,000 terrestrial and wetland species, (and in a minority of cases, species aggregates and  
100 distinctive subspecies or varieties, hereafter all termed 'species' for brevity; see methods)  
101 across 17 taxonomic groups in Britain (Table 1). This provides the first opportunity to  
102 examine how an important aspect of vulnerability to climate change varies between  
103 taxonomic groups, and between species associated with specific habitat types, for as complete  
104 a biological assemblage as currently feasible.

105 This study was developed as part of a wider initiative of Natural England, the government  
106 conservation agency in England, to support decision making on adaptation (Natural England  
107 2014) and inform an adaptation plan (Natural England, 2015). It therefore focuses on species  
108 in England, the largest of the component countries within the United Kingdom (UK), but

109 assesses the vulnerability of those species across Great Britain (GB), ~~as this better represents~~  
110 ~~the unit of contiguous land across which conservation decisions are made within the UK.~~  
111 ~~–the single land mass within which England is located. This ensures that the outputs are also~~  
112 ~~highly relevant for Wales and Scotland, for UK organisations, and more widely.~~

## 113 **Materials and Methods**

114 The vulnerability assessment involved a number of steps (Figure 1) outlined below:

- 115 1. Distribution data for over 5,000 species were collated for a wide range of taxa that  
116 occur in England (Table 1).
- 117 2. Statistical models linking species' distributions to climate were used to assess the  
118 likely impacts of future climate change upon species' potential distributions.
- 119 3. Information from these projections was compared with observed changes in species  
120 distribution. By assessing recently observed changes in the context of projected future  
121 trends, a *simplified risk assessment* could be undertaken rapidly across all species.
- 122 4. For a representative subset of 402 species, additional ecological information enabled  
123 the application of the full Thomas et al., (2010~~1~~) framework. By considering the  
124 potential for non-climatic factors and ecological constraints to affect species'  
125 responses to climate change, this framework produces a more comprehensive  
126 assessment (the *full risk assessment*).

127 Whilst the term 'risk assessment' can have specific meanings in different contexts, we follow  
128 Thomas *et al.* (2010~~1~~) and use it to describe our methodology for assessing the potential risks  
129 ~~of species decline and loss~~extirpation in parts of its current range, and opportunities that the  
130 same species may expand its distribution into other regions, both as a result of climate change

131 may pose for species. By using a combination of observed and modelled responses to climate  
132 change, the methodology deals with the long time-scales over which species' responses to  
133 climate change are likely to occur.

#### 134 *Species distribution data*

135 Species distribution data for GB were available from a range of biological recording schemes  
136 for a total of seventeen taxonomic groups (Table 1) at a hectad (10 km square) resolution. For  
137 inclusion, species had to be present in England and recorded from more than 5 hectads (the  
138 minimum required for modelling; Hickling et al., 2006). Even with this threshold the climate  
139 envelope models (described below) failed to converge for 10% of the most sparsely  
140 distributed species, giving a total of 4,540 species for which modelling was possible.

141 We used data from 1970-89 to represent baseline distributions prior to recent climate change,  
142 in order to minimise the risk of species' distributions being unsynchronised with the climate  
143 due to recent range shifts (Mason *et al.* 2015). For plants we used the period 1970-86; the  
144 time period (Braithwaite & Walker 2012) that most closely matched the data for other taxa.  
145 For birds the period 1988-91 was used, which coincided with a national atlas (Gibbons et al.,  
146 1993). Cells for which climate data were not available were excluded from analyses. To aid  
147 model convergence, small islands, with little data, were also excluded for all taxa apart from  
148 birds, leaving 2,561 hectads, or 2,670 for birds.

149 Recording effort varies~~d~~ between taxa, with the highest coverage for groups with well-  
150 developed and popular volunteer recording schemes such as vascular plants ~~and~~; birds ~~and~~  
151 ~~butterflies~~. To avoid species' distribution models being biased as a result of limited recording  
152 effort, we used the program FRESALO (Hill, 2012) to estimate taxon-specific recorder  
153 effort in each 10 km square (see below).

154 *Species distribution modelling*

155 We used the climate envelope modelling approach of Beale et al., (2014) across all taxa  
156 (Appendix 1). The approach was devised to address the problem of spatial autocorrelation in  
157 large-scale species' distribution data, and applies a Bayesian, spatially explicit (Conditional  
158 Autoregressive) Generalised Additive Model (GAM) to species' distribution data in order to  
159 separate climatic, spatial and random components in determining the distribution of each  
160 species. Four bioclimate variables were used to describe spatial variation in the climate, using  
161 1961-1990 averages:

- 162 • mean temperature of the coldest month (MTCO): a measure of winter cold.
- 163 • growing degree days above 5°C (GDD5): a measure of biologically useful warmth,  
164 calculated by applying a spline to mean monthly temperatures for each cell to convert  
165 monthly data to daily estimates.
- 166 • the coefficient of variation of temperature (cvTemp): a measure of seasonality
- 167 • soil moisture (soilWater): a measure of moisture availability calculated following the  
168 bucket model of Prentice et al., (1992), which takes inputs of temperature, rainfall, %  
169 sun/cloud and soil water capacities.

170 For birds and a quarter of vascular plants, we initially constructed 50 km resolution species  
171 distribution models across Europe to describe the relationship between occurrence and  
172 climate using uninformative priors (i.e. with no prior knowledge of what this relationship  
173 should be). Once converged, a second model was fitted to hectad data from GB using  
174 informative priors from the European-scale analysis. As a result, any strong climatic signal  
175 based on the European distribution would remain essentially unchanged when modelled using  
176 GB data only, unless there was strong evidence for a different climatic signal within GB. In



177 cases where there was high uncertainty in the estimation of ~~species' responses potential range~~  
178 ~~shifts~~ at a European level, the GB model would be more heavily informed by outputs from  
179 the British component of the model. We tested for differences between both models for birds  
180 and vascular plants under the A1B scenario. Predicted changes were strongly correlated,  
181 although models based on GB only data tended to result in fewer species showing potential  
182 increases in range (Appendix 1). For species for which data from GB only were available,  
183 only the second model was run using uninformative priors.

184 ~~Future climate projections for the UK were derived from UKCP09, which use outputs from~~  
185 ~~an ensemble of variants of the HADSM3 climate model to produce a series of probabilistic~~  
186 ~~outputs for individual climate variables for three IPCC SRES scenarios (A1F1, A1B and B1).~~  
187 ~~These are regarded as the most suitable climate change projections for the UK, downscaled to~~  
188 ~~a 25 km grid (Murphy et al. 2009). We considered two contrasting scenarios, the B1 scenario~~  
189 ~~which is a low emissions scenario projected to lead to a c. 2°C global temperature increase by~~  
190 ~~the end of this century, (equivalent to RCP4.5) and the A1B scenario, that represents~~  
191 ~~vulnerabilities under a medium emissions scenario of c. 4°C global warming by the end of~~  
192 ~~this century, and is (intermediate between RCP6 and RCP8.5) (Rogelj et al., 2012). As there~~  
193 ~~was a strong correlation between the results of the two A1B and the B1 scenarios, we focus~~  
194 ~~on the B1 results in this paper, and present the . These represent the species' potential~~  
195 ~~vulnerabilities to the magnitude of climate change under a low emissions scenario projected~~  
196 ~~to lead to a c. 2°C global temperature increase by the end of this century. R~~results from the  
197 A1B scenario ~~are presented~~ in Appendix 1, ~~representing vulnerabilities under a medium~~  
198 ~~emissions scenario of c. 4°C global warming by the end of this century.~~

199 *Simplified risk assessment*

200 Distribution data from national schemes were used to identify post-1989 range changes  
201 within the baseline historical distribution (1970-89; or 1970-86 for plants and 1988-91 for  
202 birds, as described above), and outside this historic range (newly colonised areas). With the  
203 exception of birds, distributional changes required correction to account for variation in  
204 observer effort (Appendix 2).

205 Due to limited data availability across adequately sampled squares, it was not possible to use  
206 this method to produce effort-corrected observed trends for 1,492 species, leaving a total of  
207 3,048 to which the risk assessment could be applied. Of these, 50 were species aggregates  
208 reflecting taxonomic changes over previous decades (1 bird, 3 carabid beetles, 28 bryophyte  
209 and 18 vascular plants), 123 were specific subspecies or varieties (38 bryophytes, 2 spiders  
210 and 83 vascular plants), and 80 were infraspecies, whose distribution may have been based on  
211 partial information, due to the separate recording of taxonomically distinct subspecies or  
212 related species aggregates (31 bryophytes, 1 carabid beetle and 48 vascular plants). The  
213 inclusion of this mix of taxonomic resolutions did not bias the risk assessment towards  
214 species of particular risk or opportunity categories; in a sensitivity analysis there was no  
215 significant difference in the allocation to different risk categories between 'true' species and  
216 these other taxonomic concepts combined, under either the B1 ( $\chi_4^2 = 7.93$ ,  $P = 0.094$ ) or A1B  
217 ( $\chi_4^2 = 7.44$ ,  $P = 0.11$ ) scenarios. We have therefore assessed all taxonomic concepts together,  
218 but for completeness also present the results for bryophytes and vascular plant species  
219 separately, excluding aggregates, subspecies and infraspecies.

220 Current contractions within the historical range were compared against the magnitude of  
221 projected future contractions to assess risk from climate change, whilst observed range  
222 expansion was cross-tabulated with the magnitude of projected future range expansion to  
223 assess potential threats-risks and opportunities from climate change (Appendix 3). The

224 highest ~~threat-risk~~ or opportunity categories were reserved for those species where projected  
225 future changes were consistent with observed changes. As the simplified risk assessment may  
226 have inflated the potential risk of climate change for species which have suffered recent  
227 declines and range contractions for non-climatic reasons, for a subset of 402 species, we also  
228 undertook a full risk assessment following the Thomas et al., (2010~~1~~) framework to account  
229 for non-climatic factors and constraints.

### 230 *Full risk assessment*

231 The 402 species (including 4 subspecies / varieties and 1 infraspecies) for full assessment  
232 comprised 155 conservation priority species listed under the Section 41 of the Natural  
233 Environment and Rural Communities (NERC) Act 2006  
234 ([http://www.legislation.gov.uk/ukpga/2006/16/pdfs/ukpga\\_20060016\\_en.pdf](http://www.legislation.gov.uk/ukpga/2006/16/pdfs/ukpga_20060016_en.pdf)), termed NERC  
235 species, as well as at least 13 randomly selected species from each taxonomic group. This  
236 provided a broad appraisal across taxa, while ensuring as many species of highest  
237 conservation concern as possible were included. The full risk assessment ~~used provided a~~  
238 ~~confidence level for each observed and projected population trend using~~ additional ecological  
239 information ~~on population size and range extent, the link between linking~~ population and  
240 range changes to climate, and on potential exacerbating factors (e.g. range extent and  
241 population size, ecological constraints associated with habitat-availability, dispersal and  
242 species interactions) ~~to moderate the likely risk and opportunity scores, and the overall~~  
243 ~~assessment of confidence (Thomas et al., 2011). Small and range-restricted populations, or~~  
244 ~~species associated with other constraints, received a higher risk score, whilst the likelihood of~~  
245 ~~range expansion was reduced if habitat availability, dispersal ability and other limiting~~  
246 ~~species were judged as likely to result in species achieving a lower level of range expansion~~  
247 ~~than predicted by the models.~~ This information was gathered from a literature search for each

248 species using Google Scholar and Web of Science, supplemented by additional information  
249 from UK species experts (see Acknowledgements). The confidence associated with  
250 ecological information was regarded as good if based upon peer-reviewed literature. If it was  
251 based on expert knowledge then the expert was asked to assign the confidence level.

252 The full risk assessment consisted of four stages (Figure 12, Appendix 4), requiring  
253 information on observed changes in occurrence within the current range (Stage I), projected  
254 changes within the current range (Stage II), observed changes in occurrence outside the  
255 current range (Stage III) and projected changes outside the current range (Stage IV). The  
256 results of the four stages were synthesised into a single table (Table A4). The overall  
257 confidence for species ‘at risk’ was the confidence associated with the assessment of threat,  
258 while for species with an opportunity for expansion, likely to benefit we used the confidence  
259 associated with the likely opportunity that. For species classed as having ‘risks and  
260 opportunities’ or ‘limited impact’, we averaged the two confidence scores.

### 261 *Statistical analysis*

262 Significant differences in the proportion of species allotted to different risk categories were  
263 tested by Chi-square, as were contrasts between taxonomic groups and between NERC and  
264 other species. Information on the broad habitat associations of the 155 NERC priority  
265 species, summarised into wetland, urban, farmland, upland woodland and coastal categories,  
266 was used to test the extent to which species’ vulnerability to climate change, from the full  
267 risk assessment, varied between habitats.

268 Formal differences between the results from the simplified and full risk assessments for each  
269 of the 402 species assessed using both risk assessment methods were tested by Chi-square  
270 test and by regression. For the latter, we converted the categorical risk assessment into rank  
271 scores from high risk (-2) to high opportunity (2), with both ‘risks & opportunities’ and

272 'limited impact' categories scored as 0. Scores were regressed within a generalised linear  
273 mixed model, with taxonomic identity as a random effect, using PROC MIXED in SAS v9.2.  
274 We used the same scores to test for differences in full risk assessment outcomes between  
275 different taxa, and between NERC and other species.

## 276 **Results**

### 277 *Simplified risk assessment*

278 Of the 3,048 species assessed, 640 were classified as being at high risk of a decline in the  
279 area of projected suitable climate under the B1 climate change scenario and 188 at medium  
280 risk (a total of 27.2% species at risk). A greater number of species were identified as likely to  
281 have a medium (486) or high (1,164) potential opportunity as a result of projected increases  
282 in the area of potentially suitable climate (totalling 54.1%; Table 2). For only 6 was limited  
283 impact predicted. These estimates of risk were similar under the A1B warming scenario (  
284  $\chi^2_5 = 2.96$ ,  $P = 0.71$ ), although with slightly more species (28.1%) classified as being at risk  
285 (Appendix 1 [Table A1](#)).

286 The outcome of the risk assessment varied significantly between taxonomic groups ( $\chi^2_{64} =$   
287  $475.54$ ,  $P < 0.0001$ ; excluding the limited impact category due to the small sample size).  
288 These differences remained ( $\chi^2_{32} = 339.73$ ,  $P < 0.0001$ ) when simply splitting species into  
289 those at risk, likely to have an opportunity, or likely to be unaffected (i.e. risks &  
290 opportunities and limited impact categories combined). The proportion of species at risk  
291 varied from 6% for wasps to 39% for vascular plants, while the proportion of species with  
292 opportunity varied from 37% for bryophytes to 90% for wasps (Figure 3). Repeating this  
293 appraisal for bryophytes and vascular plants without subspecies and infraspecies produced  
294 equivalent assessments for both (bryophytes: high [benefit opportunity](#) 107 spp (25%),

295 medium opportunity benefit 48 spp. (11%), risks and opportunity benefits 134 spp. (32%),  
296 medium risk 32 spp. (8%), high risk 102 spp. (24%); vascular plants: high opportunity benefit  
297 210 spp. (30%), medium opportunity benefit 103 spp. (15%), risks and opportunity benefits  
298 131 spp. (19%), medium risk 59 spp. (8%), high risk 200 spp (28%). The groups with the  
299 greatest proportion of species at risk from climate change were bryophytes and vascular  
300 plants (> 30 % in both cases), whilst a number of groups were largely (>70 %) comprised of  
301 species for which climate change may present an opportunity for range expansion in GB  
302 (ants, bees, centipedes, coccinellid beetles and wasps).

303 NERC species contained slightly more 'high risk' and 'medium opportunity' species and  
304 fewer 'high opportunity' species than expected from the pattern across the other species (  
305  $\chi_4^2 = 10.30, P = 0.036$ ), but there was no overall difference between these two species groups  
306 when the categories were simplified to risk, opportunity or unaffected ( $\chi_2^2 = 1.07, P = 0.58$ ).

### 307 *Full risk assessment*

308 Across all 402 species run through the full framework for the B1 scenario, 141 (35.1 %) were  
309 classified as being at high or medium risk of being negatively affected by climate change,  
310 compared to 168 (41.8 %) which were listed as likely to have a medium or high opportunity  
311 (Table 3). Limited impact was predicted for 19% of species. There was no significant  
312 difference from this classification of species under the A1B scenario ( $\chi_5^2 = 0.94, P = 0.92$ ;  
313 Appendix 1 Table A2). The score attributed to species did not vary between NERC species  
314 and the remainder ( $F_{1,384} < 0.01, P = 0.99$ ), but did vary with taxonomic group ( $F_{16,384} = 3.38,$   
315  $P < 0.0001$ ). The lowest scores, indicating the greatest proportion of species at risk from  
316 climate change, were for bryophytes (n=14), with the highest scores for ants (n=13) and

317 wasps (n=13), the majority of which were classed as having a high opportunity from climate  
318 change (Figure 4).

319 There was no significant variation overall between habitats in the frequencies of NERC  
320 species allocated to different risk categories ( $\chi^2_{25} = 33.86, P = 0.11$ ). However, upland was  
321 the only habitat with a majority of species (75 %) regarded as being at risk of a decline in the  
322 area of projected suitable climate (Figure 5), which contrasted significantly with average of  
323 40% of species across the remaining habitats when lumped together ( $\chi^2_5 = 15.59, P = 0.008$ ).

324 For the majority (314) of species in the full assessment, confidence was poor, for 86 it was  
325 medium and good for only two. Confidence scores differed significantly between taxonomic  
326 groups ( $\chi^2_{16} = 57.23, P < 0.0001$ ), driven primarily by a greater level of confidence for bird  
327 assessments (35% of 82 assessments were accorded medium or good confidence) than for  
328 other species, where 18% of 320 assessments were classed as having medium confidence,  
329 and none good.

### 330 *Simplified v Full Risk Assessment*

331 There was a strong association between the scores using the simplified and full approaches  
332 for species assessed by both ( $F_{1, 398} = 955.56, P < 0.0001$ ;  $S_F = -0.33 (\pm 0.089) + 0.91 (\pm$   
333  $0.029) S_S$ , where  $S_F$  is the full assessment score and  $S_S$  the simplified assessment score). The  
334 scores from the two frameworks had a close to 1:1 relationship, but the intercept shows that  
335 the full assessment on average produced a lower (higher risk or lower opportunity) score by  
336 0.33 (or one third of a category), ~~a significantly higher threat or lower opportunity category.~~

### 337 **Discussion**

338 Here we present a national-level assessment of species' vulnerability to climate change,  
339 covering 3,048 species across 17 taxonomic groups. Consistently for both B1 and A1B  
340 scenarios, we found that there was a greater number of species for which potential range is  
341 projected to increase as a result of climate change than it is projected to decrease. This was  
342 particularly the case when considering the outputs for the simplified framework for all  
343 species, where over 50% were classified with a medium or high opportunity from climate  
344 change (Table 2), but also applied to 43 % of the subset of species run through the full risk  
345 assessment framework, compared with projected negative range impacts for 35% (Table 3).  
346 This also concurs with the previously published results of the full risk assessment  
347 methodology for butterflies in GB, which used an A2 climate change scenario intermediate  
348 between the B1 and A1B scenarios used here (Thomas et al., 2010<sup>1</sup>). Of 58 butterfly species,  
349 three were regarded as at high risk from climate change, three at medium risk, 10 likely to  
350 have a medium opportunity, 14 a high opportunity and 27 limited impact. If turned into rank  
351 scores and added to the results of our study, this would place butterflies intermediate between  
352 coccinellid beetles and craneflies, with a mean score of 0.52 (Figure 4). Our findings are also  
353 consistent with recently observed trends across multiple taxa in the UK where more species  
354 are regarded as being impacted positively by climate change than negatively, at least in the  
355 short-term (Burns et al., 2016).

356 It could be argued that by indicating that a greater number of taxa are likely to have an  
357 opportunity for range expansion in response to climate change than be at risk of range  
358 contraction, our analysis suggests that climate change will have a positive impact upon UK  
359 biodiversity. However, before considering this, it is worth noting how our findings may result  
360 from both underlying methodological constraints and inherent biological processes.



361 It was not possible to undertake assessments for 13% of species because there were  
362 insufficient data to generate a bioclimate model, and for a further 29% of remaining species  
363 there was insufficient information to produce effort-corrected observed trends. Given  
364 latitudinal gradients in observer (recorder) effort within the UK, with more recorders in the  
365 south than the north, it is likely that a greater proportion of unassessed species were  
366 northerly-distributed and may include species more likely to be at risk of adverse climate  
367 change impacts than to benefit. However, by selecting species from England, but using data  
368 from across GB for their assessment, this enabled us to include more northern and upland  
369 species than we otherwise would have done had we undertaken the assessment with  
370 distribution data from England alone. In addition, it is possible that more localised and  
371 specialised species, which may be species less likely to benefit from climate change (e.g.  
372 Warren et al. 2001), were more likely to be data deficient and excluded. We did observe a  
373 significant difference between the scores of conservation priority species (many of which are  
374 rare and specialised) and others in the simplified assessment, but there was no such difference  
375 in the full assessment.

376 Apart from birds and vascular plants, the biodiversity data underpinning the assessment were  
377 from GB only, and in most cases our models do not capture the full range of climatically-  
378 suitable conditions in which the species can occur. A comparison of models based on GB  
379 data vs. GB + European data for birds and vascular plants, suggested that GB-only  
380 projections tended to be slightly more pessimistic than those that included European data,  
381 although the two were strongly correlated. Thus, the use of GB-only projections for most  
382 groups may have slightly inflated the projected magnitude of risk for those groups, although  
383 the assessment for vascular plants, one of the groups with the greatest proportion of species  
384 regarded as being at risk from climate change, included European data in the assessment. It is  
385 also worth noting that by considering including only species that currently occur in England,

386 we did not consider the potential for new species to colonise the UK from mainland Europe  
387 as a result of climate change. As a result, our results do not anticipate the colonisation of the  
388 UK by new species, which is already happening (e.g. Hiley et al., 2013). Thus which  
389 probably means that our results may exclude a number of potential colonists to the UK for  
390 which climate change provides an opportunity. In other words, the outcome of the risk  
391 assessment may be scale- and context-dependent; a species projected to be at risk from  
392 climate change across mainland Europe may undergo a poleward shift and colonise the UK,  
393 where it would be regarded as having an opportunity for range expansion. This emphasises  
394 the value of undertaking assessments such as this at a range of spatial scales, which has rarely  
395 been done.

396 We assumed that the species distribution models describe the main relationships between  
397 species' occurrence and terrestrial climate. As we employed widely-used bioclimatic  
398 variables, this is probably reasonable for most terrestrial taxa, but for some coastal bird  
399 species which use the marine environment, where spatial patterns of changes in sea  
400 temperature and other climate related variables may differ from those on land, projections are  
401 likely to be less certain. We also have not considered potentially detrimental impacts of sea-  
402 level rise and storm surges upon vulnerable coastal habitats and species (e.g. Gilbert et al.,  
403 2010; Ausden 2014).

404 The full assessment that considered ecological factors known to influence observed changes  
405 in populations or distributions, or likely constraints on the impacts of climate change, was  
406 applied to 402 species only. By excluding these considerations, the simple assessment applied  
407 across all species may have over-attributed observed changes to potential impacts of climate  
408 change if they were consistent with future projections (such as for farmland birds, crickets,  
409 centipedes and millipedes; Eglington & Pearce-Higgins 2012; Beckmann *et al.* 2015; Lee

410 2015; Burns et al., 2016), or under-estimated the potential magnitude of future climate  
411 change impacts if observed changes were opposite to future projections as a result of non-  
412 climatic factors. Although both methodologies delivered broadly comparable results, the full  
413 assessment did increase the proportion of species projected to experience only a limited  
414 impact of climate change, and included a greater proportion of species projected to be at risk.

415 Finally, there is considerable uncertainty about the likely pace of any distributional shift in  
416 response to climate change. Both bird and butterfly communities appear to be lagging behind  
417 the rate of warming observed across Europe (Devictor et al., 2012, Massimino et al., 2015);  
418 ~~non~~less-mobile groups, such as many of the vascular plants, may well lag even more. The  
419 ability of a species to disperse will be an important constraint on the extent to which some  
420 species can occupy any new areas of potential range in the future (Barbet-Massin et al.,  
421 2012), as will the availability of areas of potentially suitable habitat for colonisation (Thomas  
422 et al., 2012; Hiley et al., 2013); and underlying population dynamics (Mair *et al.* 2014).

423 Although considerable uncertainty remains about the pace of these responses to climate  
424 change, these uncertainties were at least partially captured by the full risk assessment, which  
425 reduces the likelihood of opportunity as a result of climate change in species with constrained  
426 dispersal ability.

427 Despite the potential methodological constraints, there are good biological reasons to expect  
428 more species to be able to expand their range than be at risk of it contracting in response to  
429 climate in GB. This is because there are more southern species with potential for northward  
430 range expansion in Britain than there are northern species with southern range margins (e.g.  
431 butterflies: Asher et al., 2001; vascular plants: Preston et al., 2002; birds: Balmer et al.,  
432 2013), with strong latitudinal gradients in species' richness (e.g. Eglington et al., 2015). In  
433 combination with largely polewards shifts that are projected to occur in the distribution of a

434 range of taxa, and are already being observed (Mason et al., 2015), this would lead to more  
435 species being likely to expand their distributions in GB, than to contract. Observations of  
436 recent trends suggest that this is already the case (Massimino et al., 2015, Burns et al., 2016).  
437 Although we assessed that fewer species would be at risk of range contraction from climate  
438 change than have an opportunity, species of certain taxonomic groups and habitats were  
439 identified as being more vulnerable than others. In particular, the full risk assessments  
440 completed for those species of conservation concern for which the required data is available  
441 suggested that species associated with upland habitat-types, where increasing temperatures  
442 might be expected to result in northwards and upwards range contraction, would be  
443 particularly vulnerable to climate change. This is consistent with the results of other studies  
444 suggesting that northern or upland birds (Green et al., 2008, Pearce-Higgins 2010), butterflies  
445 (Thomas et al., 2010<sup>1</sup>) and plants (Hill & Preson 2015) may be more vulnerable to climate  
446 change than other species. Multi-taxa assessments have found similar patterns (Walmsley et  
447 al., 2007; Araujo *et al* 2011), and there is already evidence of such impacts being observed  
448 (Morecroft & Speakman 2015). While many taxonomic groups contain some species likely to  
449 be at risk from climate change and others with the potential to expand their distribution, the  
450 balance between these two outcomes will vary with the geographical and habitat bias of that  
451 group, as well as the ecological characteristics of the species, such as voltinism, diapause  
452 strategy, migratory strategy and growth rate (Bale et al., 2002). Other climate-influenced  
453 ecological changes will also affect species abundance and distribution in future through  
454 altered species interactions (Ockendon et al., 2014).

455 Geographical differences may partly account for the apparent high sensitivity to future  
456 climate change of bryophytes (Figures 3 and 4), many of which have a northern or north-  
457 western distribution, associated with cool and damp conditions. Our analysis suggests that of  
458 all the taxonomic groups considered, they are likely to be one of the most at risk from a

459 reduction in areas of suitable climate, conclusions broadly supported by Ellis (2015), who  
460 anticipated detrimental impacts of climate change on northern and upland bryophytes,  
461 although potential impacts on species associated with oceanic climates were more uncertain.  
462 Even though there is some evidence for recent warming being associated with distribution  
463 shifts in some bryophytes (Bates & Preston 2011), there are difficulties in disentangling these  
464 changes from decreases in acid and nitrogen deposition from the atmosphere (Roth et al.,  
465 2013). The basic assessment also identified vascular plants as containing a high proportion of  
466 species at risk from climate change. However climate change may provide more of an  
467 opportunity for range expansion in a greater proportion of vascular plants than bryophytes;  
468 the full risk assessment suggested 17/51 plants but only 1/14 bryophytes have an opportunity  
469 for range expansion from climate change (Figure 4), although it is worth noting that  
470 bryophytes probably have greater capacity for colonisation than vascular plants due to their  
471 spore-driven dispersal. Conversely the majority of Hymenoptera, particularly ants and wasps,  
472 have a southern distribution and were ranked as most likely to experience a high opportunity  
473 from climate change. This matches previous studies suggesting that populations of many  
474 Hymenoptera increase with warmer temperatures (Pearce-Higgins 2010, Burns et al., 2016),  
475 probably because they are thermophilic species largely constrained by temperature.

476 It is noteworthy that the majority (78%) of full risk assessments had poor confidence. If this  
477 is the case in Britain, which is one of the best studied and data rich parts of the world, climate  
478 change risk assessments in other parts of the world are likely to be even more uncertain. This  
479 emphasises the need for long-term monitoring and research to document and understand the  
480 impacts of climate change on biodiversity, particularly outside well-studied parts of Europe  
481 and North America (Ockendon et al., 2014). As a result, nature conservation organisations  
482 will have to integrate uncertainty and flexibility into their response to climate change. The  
483 taxa for which assessments were most robust were [butterflies](#), where 46% of

484 species assessments had medium or good confidence (Thomas et al., 2011~~0~~), and birds, for  
485 which 35% of assessments were associated with medium or good confidence. These are the  
486 two best studied taxonomic groups in Britain with respect to the impacts of climate change on  
487 their populations (e.g. Devictor et al., 2012, Morecroft & Speakman 2015), and therefore the  
488 groups where observed changes can be more confidently attributed to climate change, where  
489 appropriate. They are also much better monitored than the other groups, with robust  
490 distribution change and annual population estimates adding to the confidence of the risk  
491 assessment. Practically speaking, the low confidence of most of the species' assessments in  
492 this study that are not of birds and butterflies, means that caution must be applied in they  
493 should only be used to assess the judging the risk that climate change poses to individual  
494 species with caution, despite that being the original aim of this work. Whilst we may have  
495 more confidence with the overall patterns of change, and how they vary between broad  
496 taxonomic groups and habitats, there are many reasons why an individual assessment for a  
497 species may not be borne out in reality. In the absence of further monitoring and research,  
498 many individual assessments should be used with an understanding of the confidence they are  
499 associated with and the uncertainty involved in projecting the future.

500 The main tool underpinning this assessment was climate envelope modelling. Although the  
501 results of some basic models have been criticised in the literature (see Beale et al., 2008),  
502 there is increasing evidence linking climate envelope model predictions to observed bird  
503 population changes (Stephens et al., 2016). The choice of statistical model, general  
504 circulation model (GCM) and emission scenario can have a significant impact upon the  
505 results of climate envelope models (Dormann et al., 2008, Diniz-Filho et al., 2009). Whilst  
506 we could therefore be criticised for using only one modelling approach (Beale et al., 2014)  
507 and one GCM (HADSM3), and therefore not capturing the potential full range of possible  
508 futures, we have tried to select approaches that give the most plausible futures. The Bayesian;

509 ~~spatially explicit~~ GAM used is a significant advance on other modelling approaches, ~~as it by~~  
510 ~~accountings~~ for spatially auto-correlated components of a species' distribution (Beale et al.,  
511 2014). ~~whilst~~ Furthermore, in studies such as this, Baker et al., (2017) advocate using the  
512 most suitable GCM for a particular location, which ~~the~~ HADSM3 is for ~~the~~ UKGB. ~~and~~  
513 ~~we used newly developed modelling techniques designed to overcome many of these~~  
514 ~~problems.~~ The use of additional GCMs and modelling approaches could yield alternative  
515 projections and assessments of risk as a potential extension of this work. However, these  
516 additional models would be unlikely to alter ~~Th~~the generality of ~~the conclusions from such~~  
517 ~~models are likely to be broadly realistic~~ ~~our conclusions~~ ~~at the~~for high-level taxonomic  
518 groups or habitat ~~levels~~, or reduce the uncertainty of the individual species assessments.  
519 ~~Instead, what is required is better validation of climate change risk assessment (Wheatley et~~  
520 ~~al., in press), even if associated with a high degree of uncertainty for individual species.~~  
521 ~~The~~ The simplified risk assessment makes use of both observed and projected population and  
522 range changes to assess risks and opportunities, allowing assessments to be moderated by the  
523 extent to which observed and projected trends are in accordance. The full risk assessment  
524 additionally makes use of ecological information on links between population or range  
525 changes and climate and on potential exacerbating factors. ~~This information is used to modify~~  
526 ~~the final risk assessment for those species, and to moderate~~ ~~to assess~~ the degree of  
527 confidence in the assessment. ~~Evidence for a strong statistical link between distribution~~  
528 ~~and/or abundance and climate, or good evidence that changes are not linked to climate,~~  
529 ~~increased the confidence of the assessment. The quality of evidence around exacerbating~~  
530 ~~factors such as range or population size, interacting species, habitat availability and dispersal,~~  
531 ~~also affected the final assessment of confidence.~~ This combination of climate envelope  
532 modelling with ecological information to assess the degree of constraint which species are  
533 likely to face in responding to climate change, and comparison with observed trends, is a step

534 forward from the basic climate envelope modelling approach, whilst taking account of some  
535 of the potential constraints on a species-by-species basis (Thomas et al., 2011).

### 536 *Implications for nature conservation*

537 This analysis provides as near comprehensive an overview of how species ranges may change  
538 within a country under climate change as is currently possible. It goes beyond general  
539 principles of anticipating species range shift and provides an evidence-based assessment of  
540 the extent of change that is likely. The risk assessment indicates that, at a national level, the  
541 distributions of most species are liable to change. In the basic risk assessment only 6 out of 3048  
542 species were identified as having both low risk and low opportunity, whilst the full  
543 assessment classified only 75 of 402 species as having both low opportunity and low risk.  
544 This is an important finding for nature conservation planning, suggesting that changing  
545 distributions are likely to become the norm, not the exception, in the coming years.

546 Whilst there are many species that could potentially benefit from an expanding area of  
547 potentially suitable climate, these opportunities will not be realised if individuals are ~~not~~  
548 ~~able~~unable to disperse. Natural dispersal may be limited by several factors including  
549 habitat fragmentation, barriers of unsuitable habitats or low population sizes and other  
550 pressures affecting healthy populations. Facilitating species movement is therefore likely to  
551 be a major challenge for future species conservation. Although many taxa have shown  
552 evidence of poleward shifts in their distribution in Britain-GB (Mason *et al.* 2015), this has  
553 been partly facilitated by a network of protected sites (Thomas *et al.* 2012), whose continued  
554 conservation and expansion becomes even more important in a changing climate.

555 The study also provides a greater clarity on the extent of threat to some species, particularly  
556 highlighting the vulnerability of upland taxa where many species are adapted to cool, wet  
557 conditions. For those species at risk of losing areas of potentially suitable climate,



558 conservation actions to increase resilience (Morecroft et al., 2012), including the protection  
559 of key sites (Gillingham *et al.* 2015) and *refugia* (Suggitt et al., 2014), the maintenance of  
560 large or functional connected areas of semi-natural habitats within landscapes (Newson et al.,  
561 2014, Oliver et al., 2015, 2017) and direct management to promote *in-situ* persistence  
562 (Greenwood et al., 2015) will be important. An example of the latter is the potential to alter  
563 the management of vulnerable peatland habitats by raising water levels, likely to benefit  
564 plants, invertebrates and birds (Carroll et al., 2011, Bellamy *et al.* 2012). Reducing other non-  
565 climatic pressures on upland species may also increase the ability of their populations to cope  
566 with climate change (Pearce-Higgins & Green 2014).

567 The confidence assessments emphasise that individual species assessments should be treated  
568 cautiously and that conservationists need to draw upon the full range of information available  
569 before decisions are made about climate change adaptation and conservation management.

570 Nevertheless for many species this assessment provides the main indication of potential  
571 climate change risks and opportunities and, accordingly, it can also highlight where further  
572 investigation and monitoring ~~is~~are necessary. It also emphasises the importance of planning  
573 to accommodate greater uncertainty about where species will survive and thrive in future.

574 For site managers, this includes being aware of where their site is located in the context of the  
575 overall distribution of priority species (most simply, core, leading or trailing edges) and being  
576 prepared to adjust management priorities as situations change. To achieve this aim, the  
577 nature conservation organisations involved in this study are working to integrate these and  
578 comparable findings into their conservation practice, and to make this larger, emerging  
579 evidence base more accessible to conservation practitioners.

580

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596

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818 **Table 1.** Summary of the coverage of different species groups by this risk assessment.

| <b>Taxon</b> | <b>Recording Scheme</b>                        | <b>Link</b>                                      | <b>Total species with distribution data</b> | <b>Species for which climate models converged</b> | <b>Species for which trends could be calculated</b> | <b>Conservation priority species with trends calculated</b> |
|--------------|--|--|---|---|---|---|
| Ants         | Bees, Wasps and Ants Recording Society (BWARS) | <a href="http://www.bwars.com">www.bwars.com</a> | 36  | 28  | 13  | 0   |
| Bees         | Bees, Wasps and Ants Recording Society (BWARS) | <a href="http://www.bwars.com">www.bwars.com</a> | 225   | 187   | 143   | 6   |
| Birds        | British Trust for Ornithology                  | <a href="http://www.bto.org">www.bto.org</a>     | 180   | 180 <sup>1</sup>                                  | 180   | 41  |

|                         |  |   |       |     |     |   |
|-------------------------|--|---|-------|-----|-----|---|
| Bryophytes              | British Bryological Society  | <a href="http://www.britishterrestrialbryology.org.uk">www.britishterrestrialbryology.org.uk</a>                                    | 1,049 | 850 | 520 | 1 |
| Carabid beetles         | Ground Beetle Recording Scheme   | <a href="http://www.brc.ac.uk/scheme/ground-beetle-recording-scheme">http://www.brc.ac.uk/scheme/ground-beetle-recording-scheme</a> | 317   | 266 | 175 | 3 |
| Centipedes & millipedes | British Myriapod and Isopod Group, Centipede and Millipede Recording Schemes | <a href="http://www.bmig.org.uk">www.bmig.org.uk</a>  | 85    | 66  | 39  | 0 |
| Cerambycid Beetles      | Cerambycidae Recording Scheme  | <a href="http://www.coleoptera.org.uk/cerambycidae/home">http://www.coleoptera.org.uk/cerambycidae/home</a>                         | 52    | 40  | 0   | 0 |
| Coccinellid beetles     | Ladybird Recording Scheme  | <a href="http://www.ladybird-survey.org">www.ladybird-survey.org</a>  | 44    | 38  | 17  | 0 |

|                              |  |  |     |     |     |    |
|------------------------------|--|--|-----|-----|-----|----|
| Craneflies                   | Dipterists Forum,<br>Cranefly Recording<br>Scheme                      | <a href="http://www.dipteristsforum.org.uk">www.dipteristsforum.org.uk</a>   | 78  | 64  | 11  | 0  |
| Crickets &<br>grasshoppers   | Orthoptera Recording<br>Scheme   | <a href="http://www.orthoptera.org.uk">www.orthoptera.org.uk</a>   | 43  | 31  | 23  | 0  |
| Dragonflies &<br>damselflies | British Dragonfly<br>Society, Dragonfly<br>Recording Network           | <a href="http://www.british-dragonflies.org.uk">www.british-dragonflies.org.uk</a>   | 45  | 35  | 26  | 0  |
| Hoverflies                   | Dipterists Forum,<br>Hoverfly Recording<br>Scheme                      | <a href="http://www.hoverfly.org.uk">www.hoverfly.org.uk</a>   | 249 | 213 | 175 | 0  |
| Moths                        | Butterfly<br>Conservation, <a href="#">National<br/>Moth Recording</a> | <a href="http://www.mothscount.org/text/27/national_moth_recording_scheme.html">www.mothscount.org/text/27/<br/>national_moth_recording_sch<br/>eme.html</a> | 668 | 622 | 422 | 58 |

|                            | <a href="#">Scheme</a>   |   |       |                    |     |    |
|----------------------------|--|---|-------|--------------------|-----|----|
| Soldier Beetles and allies | Soldier Beetles, Jewel Beetles and Glow-worms Recording Scheme | <a href="http://www.brc.ac.uk/scheme/soldier-beetles-jewel-beetles-and-glow-worms-recording-scheme">http://www.brc.ac.uk/scheme/soldier-beetles-jewel-beetles-and-glow-worms-recording-scheme</a> | 53    | 46                 | 22  | 0  |
| Spiders                    | Spider Recording Scheme, British Arachnological Society        | <a href="http://www.srs.britishspiders.org.uk">www.srs.britishspiders.org.uk</a> ,<br><a href="http://www.BritishSpiders.org.uk">www.BritishSpiders.org.uk</a>                                    | 512   | 374                | 297 | 7  |
| Vascular plants            | Botanical Society of Britiain and Ireland (BSBI)               | <a href="http://www.bsbi.org.uk">www.bsbi.org.uk</a>  | 1,365 | 1,339 <sup>2</sup> | 852 | 38 |
| Wasps                      | Bees, Wasps and Ants Recording                                 | <a href="http://www.bwars.com">www.bwars.com</a>  | 219   | 161                | 133 | 1  |



|              |                 |  |              |              |              |            |
|--------------|-----------------|--|--------------|--------------|--------------|------------|
|              | Society (BWARS) |  |              |              |              |            |
| <b>TOTAL</b> |                 |  | <b>5,220</b> | <b>4,540</b> | <b>3,048</b> | <b>155</b> |

819 <sup>1</sup>Models for two species failed to converge when built using only GB data.

820 <sup>2</sup>For 354 of these, European data were also available.

821

822 **Table 2.** Cross-tabulation of the risks and opportunities associated with climate change for all  
 823 3048 species run through the *simplified risk assessment*, based upon a low emission B1  
 824 projection for 2070-2099 (see Tables A3 and A4 for the derivation and interpretation of each  
 825 category). Values are the numbers of species in each category.

|                    |                  | <b>RISK</b>      |             |               |            |               |
|--------------------|------------------|------------------|-------------|---------------|------------|---------------|
|                    |                  | <b>VERY HIGH</b> | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>TOTALS</b> |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 25               | 1           | 7             | 6          | 39            |
|                    | <b>MEDIUM</b>    | 614              | 157         | 481           | 84         | 1,336         |
|                    | <b>HIGH</b>      | 24               | 27          | 358           | 142        | 551           |
|                    | <b>VERY HIGH</b> | 56               | 44          | 662           | 360        | 1,122         |
|                    | <b>TOTALS</b>    | 719              | 229         | 1,508         | 592        | 3,048         |

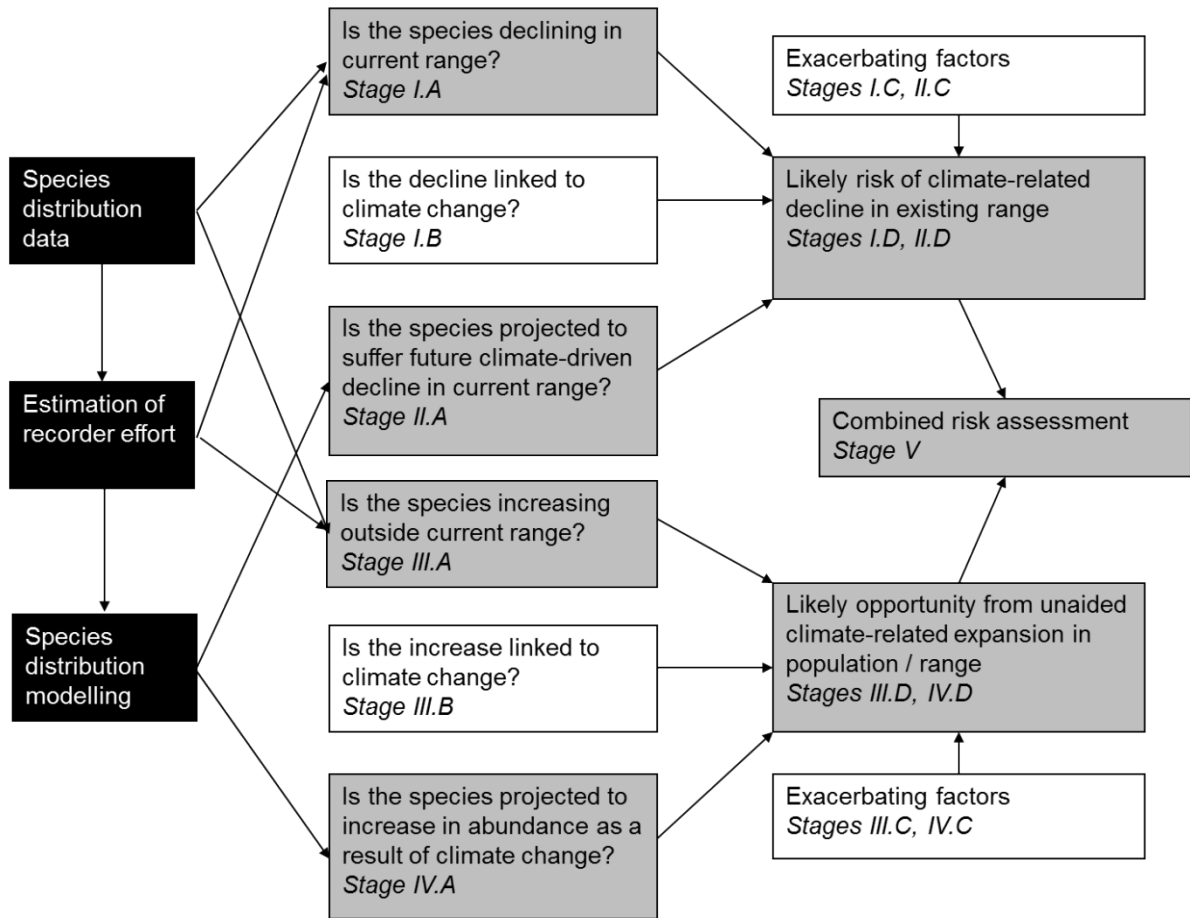
826

827

828 **Table 3.** Cross-tabulation of the risks and opportunities associated with climate change for  
 829 402 species from all taxonomic groups run through the *full risk assessment*, based upon a low  
 830 emission B1 projection for 2070-2099. Values in parentheses are the values for the species of  
 831 conservation concern only.

|                    |                  | <b>RISK</b>      |             |               |            |               |
|--------------------|------------------|------------------|-------------|---------------|------------|---------------|
|                    |                  | <b>VERY HIGH</b> | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>TOTALS</b> |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 67 (34)          | 37 (11)     | 21 (7)        | 75 (27)    | 200 (79)      |
|                    | <b>MEDIUM</b>    | 5 (3)            | 2 (0)       | 1 (0)         | 22 (11)    | 30 (14)       |
|                    | <b>HIGH</b>      | 9 (4)            | 9 (4)       | 7 (3)         | 64 (26)    | 89 (37)       |
|                    | <b>VERY HIGH</b> | 8 (5)            | 4 (2)       | 5 (1)         | 66 (17)    | 83 (25)       |
|                    | <b>TOTALS</b>    | 89 (46)          | 51 (17)     | 34 (11)       | 227 (81)   | 402 (155)     |

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**Figure 1.** Summary of the processes involved in the application of the *full risk assessment*

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(simplified from Thomas et al., 2011), and how those are represented by the various stages of

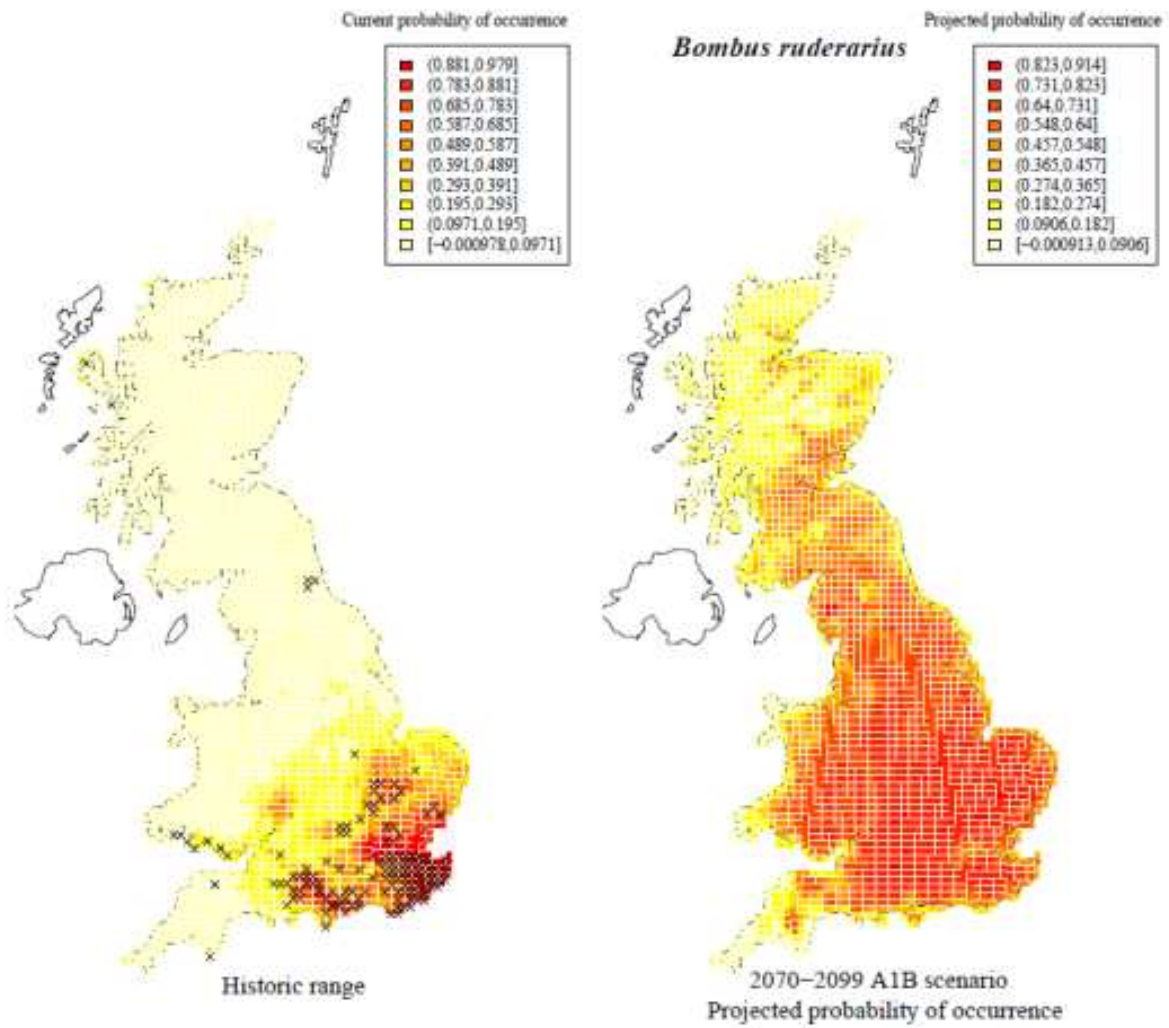
836

the process. Black boxes indicate the information required prior to risk assessment. Boxes in

837

grey represent the steps of the *simplified risk assessment*.

838



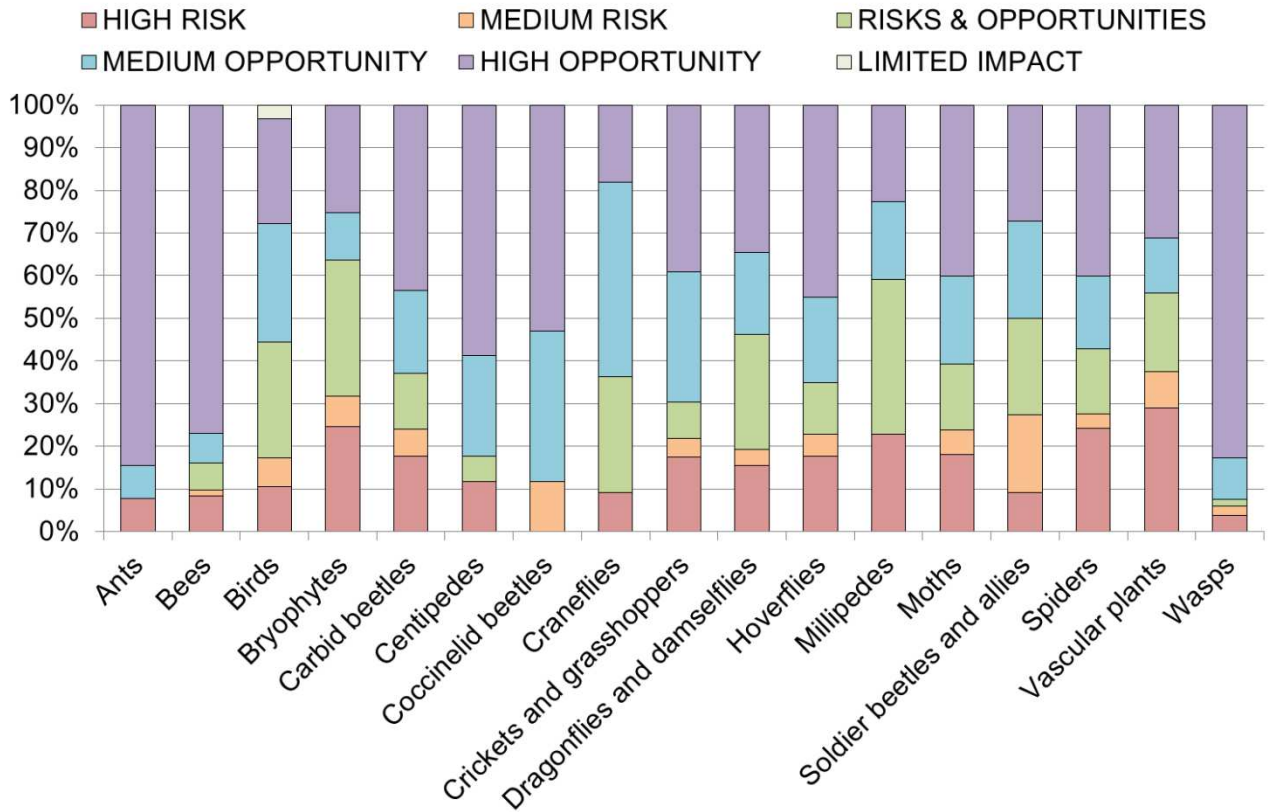
839

840 **Figure 2.** The historic (1970-1990) probability of occurrence of an example species, *Bombus*  
 841 *ruderarius*, (left) and the projected probability of occurrence under a medium emissions A1B  
 842 scenario (right). Black crosses show actual records and coloured squares show modelled  
 843 probability of occurrence.

844

845

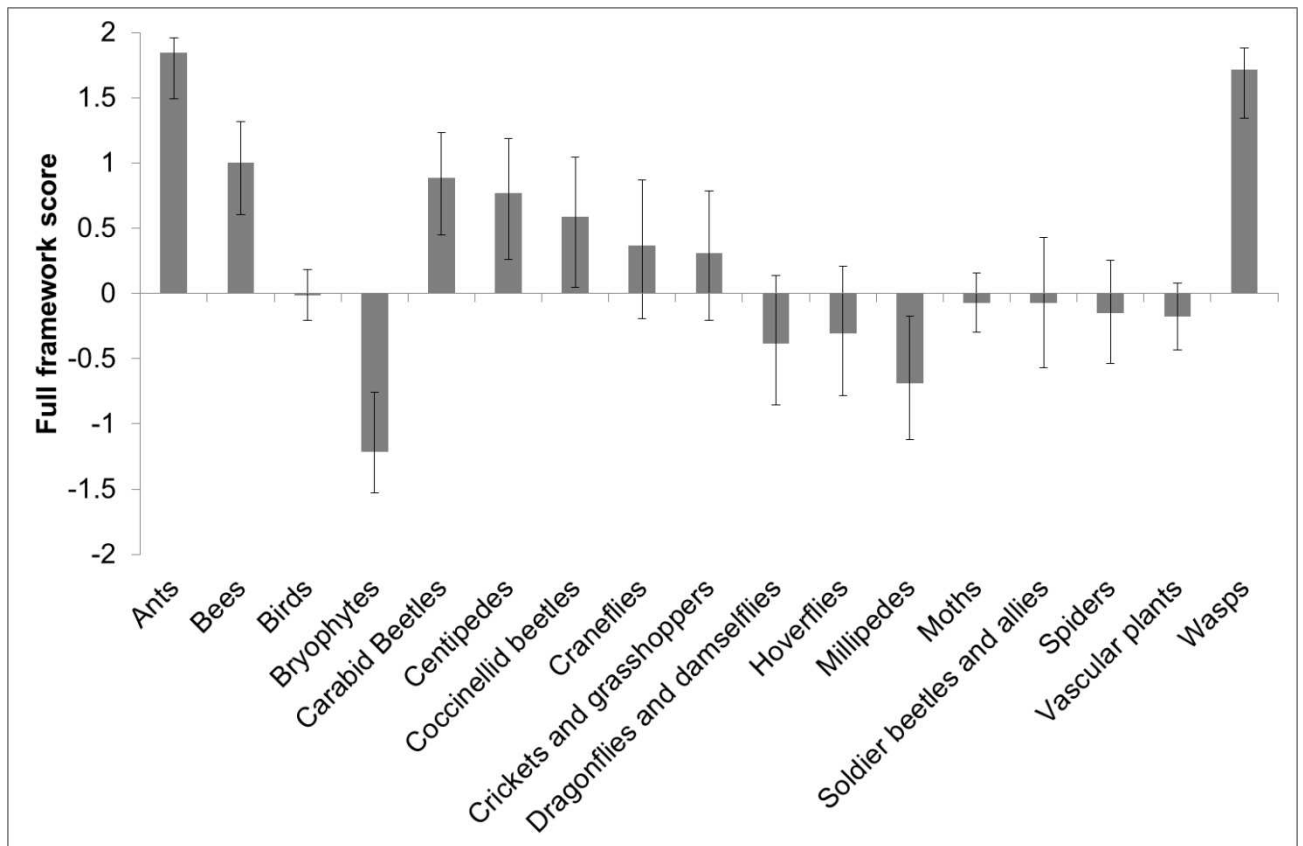
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847

848 **Figure 3.** Proportion of species categorised as likely to be at risk or to benefit have an  
 849 opportunity for expansion from climate change, based upon a low emission B1 projection for  
 850 2070-2099, in different taxonomic groups, as assessed by the *simplified risk assessment*. The  
 851 sample size of species for each group is given in Table 1.

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**Figure 4.** Modelled *full risk assessment* score for each taxonomic group, from a GLM

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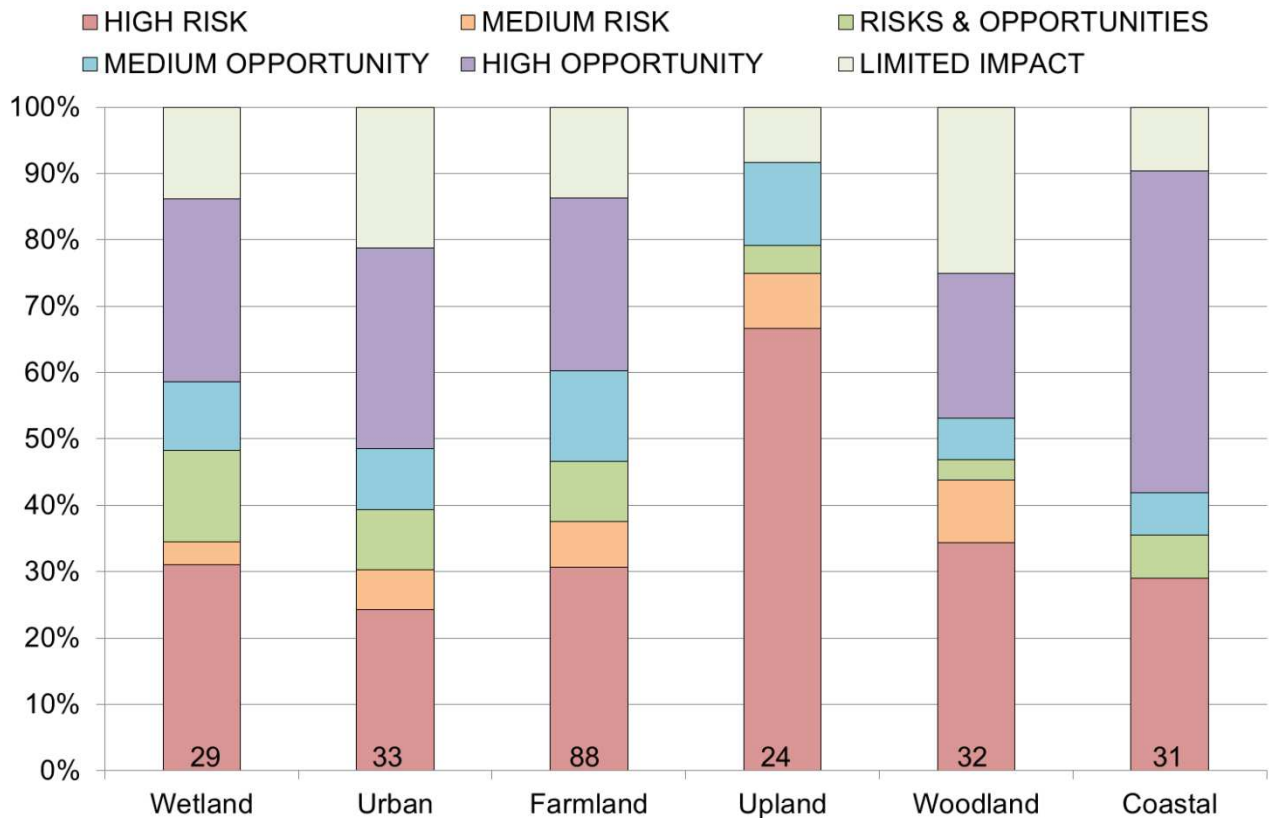
containing taxonomic group and conservation status. Presented are least-square means from

856

the model with standard errors. A score of 2 is equivalent to high opportunity, 1, medium

857

opportunity, 0 risk and opportunity or no impact, -1 medium risk and -2 high risk.



858

859 **Figure 5.** Proportion of species categorised as likely to be at risk from climate change, or to  
 860 ~~face~~ have an opportunity, using the *full risk assessment*, according to the habitat each species  
 861 is associated with. The sample size for each habitat is shown by the number on each column.  
 862 About half of species contributed information to more than one habitat. Habitat association  
 863 information was available for the NERC species of conservation concern only. The results are  
 864 based upon a low emission B1 projection for 2070-2099.



## Appendix 1. Bioclimate modelling

To improve the ability of the models to describe associations with climates that are rare or novel for Britain, following Beale et al. (2014), we incorporated data from Europe. European distribution data were acquired from the European Bird Census Council (Hagemeijer & Blair 1997) and the Atlas Florae Europaeae (<http://www.luomus.fi/en/atlas-florae-europaeae-afe-distribution-vascular-plants-europe>) for birds and plants respectively. Iceland and the Faroe Islands were excluded due to their isolation from the rest of Europe, which aided model convergence. Cells east of longitude 29.99° were also excluded to avoid problems of low observer effort. This yielded 2,644 50 km cells across Europe and we identified species' presence within these from the native portions of each species range (excluding locations where European native species have been introduced).

Observed climate data on a 5 km grid from the period 1961-90 were downloaded for Britain from the UK Meteorological Office web site (<http://www.metoffice.gov.uk/climatechange/science/monitoring/ukcp09/>). These were taken to represent the baseline climate that would be used to describe observed baseline species distributions, and were aggregated to a 10 km grid for analysis. Future projection data were downloaded from the UKCP09 user interface (<http://ukclimateprojections-ui.defra.gov.uk>). To ensure that climate data were consistent across adjacent grid cells and that different climate variables were consistent within the same grid cell, we used the Spatially Coherent Projections (Sexton et al., 2010), rescaled to a 10 km resolution to model change. To represent GB climate under global temperature increases of 2°C and 4°C since pre-industrial times, we used 2070-99 for scenarios B1 and A1B respectively (<http://ukclimateprojections.defra.gov.uk/22614>), as equivalent outputs from the more recent RCP scenarios were not available at the time of this work. Projections were based on data

from 11 Regional Climate Model (RCM) ensemble members. For European-scale models, observed climate data from the period 1961-90 were acquired from the Tyndall Centre for Climate Change Research; dataset CRU TS 1.2 (Mitchell 2004). These data were averaged across the required 50 km UTM grid for Europe, and used to calculate the four bioclimatic variables outlined above. [Results for the A1B scenario are presented in Tables A1 and A2 for the simplified and full risk assessments respectively.](#)

To test the effect of incorporating European data upon projections for GB, we repeated the models for birds and vascular plants under the A1B scenario using only data for GB. The predicted changes in extent from this model were strongly correlated with predicted changes from models using the European data to generate informative priors ( $r = 0.691$ ,  $n = 532$ ,  $P < 0.0001$ ). There was no significant difference in the relationship between the two measures of projected change between birds and vascular plants ( $F_{1, 528} = 0.052$ ,  $P = 0.82$ ). However, models based on data from GB only tended to result in fewer species showing a potential increase in range (58% forecast to increase using European data compared to 46% from GB only data) which should be remembered when interpreting the results.

**Table A1.** Cross-tabulation of the threats-risks and opportunities associated with the A1B climate change scenario for 2070-2099 for all species based upon the *simplified risk assessment* (see Tables A3 and A4 for the derivation of each category). Values are the numbers of species in each category.

|                    |                  | <b><u>THREATRISK</u></b> |             |               |            |               |
|--------------------|------------------|--------------------------|-------------|---------------|------------|---------------|
|                    |                  | <b>VERY HIGH</b>         | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>TOTALS</b> |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 25                       | 1           | 7             | 6          | 39            |
|                    | <b>MEDIUM</b>    | 657                      | 135         | 475           | 75         | 1,342         |
|                    | <b>HIGH</b>      | 31                       | 23          | 343           | 135        | 532           |
|                    | <b>VERY HIGH</b> | 44                       | 48          | 677           | 366        | 1,135         |
|                    | <b>TOTALS</b>    | 757                      | 207         | 1502          | 582        | 3,048         |

**Table A2.** Cross-tabulation of the ~~threats~~ risks and opportunities associated with the A1B climate change scenario for 2070-2099 for all species based upon the *full risk assessment*.

Values in parentheses are the values for the NERC species of conservation concern only.

|                    |                  | <b><u>THREAT</u><u>RISK</u></b> |             |               |            |              |
|--------------------|------------------|---------------------------------|-------------|---------------|------------|--------------|
|                    |                  | <b>VERY HIGH</b>                | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>TOTAL</b> |
|                    |                  |                                 |             |               |            | <b>S</b>     |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 79 (37)                         | 37 (11)     | 18 (6)        | 73 (27)    | 208 (81)     |
|                    | <b>MEDIUM</b>    | 2 (2)                           | 2 (0)       | 4 (1)         | 21 (8)     | 28 (11)      |
|                    | <b>HIGH</b>      | 8 (5)                           | 7 (3)       | 5 (4)         | 66 (27)    | 86 (39)      |
|                    | <b>VERY HIGH</b> | 6 (4)                           | 3 (2)       | 5 (2)         | 66 (16)    | 80 (24)      |
|                    | <b>TOTALS</b>    | 95 (48)                         | 50 (16)     | 32 (13)       | 226 (78)   | 402 (155)    |

## **Appendix 2. Correcting for variation in observer effort.**

Mixed-effects models of the probability of occurrence within ‘well-sampled’ 1km squares as a function of time, were used to measure trends in area of occupancy within the baseline historical range, whilst minimising the risk of bias from changing observer effort (Roy et al., 2012). Well-sampled squares were defined as those visited on at least three occasions when at least four species of a particular taxonomic group were recorded. Occurrence was modelled within a generalised linear mixed model with site as a random effect and year as a fixed effect using the function WSS (<https://zenodo.org/record/208752#.WFfNiFOLRQI>). The resulting coefficient of the year term was converted into a percentage decadal change in the estimated probability of occupancy. For poorly-surveyed species, the well-sampled squares we analysed are likely to be a small subset of the true historic range of the species, and so our method assumes that the frequency of species loss from these well surveyed squares accurately represents losses across the true historic range.

More recent data from 1990-2009 were analysed at the hectad resolution to document range change and assess colonisation outside of the historical range. Such analyses controlled for recorder effort, indexed as the proportion of species observed in a hectad relative to the total number of species expected, using the program FRESCALO (Hill 2012) implemented in ‘sparta’ (citation here: <https://zenodo.org/record/208752#.WFfNiFOLRQI>). We selected a threshold of recorder effort of 0.25 (25% of likely species being recorded) to define an ‘adequately sampled’ square. The number of colonised hectads was calculated as the number of hectads occupied in the second time period but not in the first time period, considering only hectads that were ‘adequately sampled’ in both time periods. This was then divided by the number of ‘adequately sampled’ hectads within the home range which were occupied in

the first time period. This overall change was then converted to a decadal percentage change value.

### **Appendix 3. Cross-tabulation of risks and opportunities for the simplified risk assessment**

Observed contractions within the historical range were compared against the magnitude of projected future contractions to assess risk from climate change, whilst observed range expansion was cross-tabulated with the magnitude of projected future range expansion to assess potential ~~threats~~risks and opportunities from climate change (Table A3). These outputs were cross-tabulated to provide an overall assessment of risks and opportunities for each species (Figure 1; Table A4).

**Table A3.** Cross-tabulation of likely threat risks to species (top) and opportunity for species (bottom) from climate change based on observed (rows) and projected (columns) decadal changes in range extent within the current range.

|                          |                    | <b>PROJECTED DECREASE</b> |                    |                    |                   |
|--------------------------|--------------------|---------------------------|--------------------|--------------------|-------------------|
|                          |                    | <b>&gt;7.5 %</b>          | <b>4.0 – 7.5 %</b> | <b>1.0 – 4.0 %</b> | <b>&lt; 1.0 %</b> |
| <b>OBSERVED DECREASE</b> | <b>&gt;7.5 %</b>   | VERY HIGH                 | VERY HIGH          | HIGH               | MEDIUM            |
|                          | <b>4.0 – 7.5 %</b> | VERY HIGH                 | HIGH               | HIGH               | MEDIUM            |
|                          | <b>1.0 – 4.0 %</b> | HIGH                      | HIGH               | MEDIUM             | MEDIUM            |
|                          | <b>&lt; 1.0 %</b>  | MEDIUM                    | MEDIUM             | MEDIUM             | LOW               |

|                          |                    | <b>PROJECTED INCREASE</b> |                    |                    |                   |
|--------------------------|--------------------|---------------------------|--------------------|--------------------|-------------------|
|                          |                    | <b>&gt;7.5 %</b>          | <b>4.0 – 7.5 %</b> | <b>1.0 – 4.0 %</b> | <b>&lt; 1.0 %</b> |
| <b>OBSERVED INCREASE</b> | <b>&gt;7.5 %</b>   | VERY HIGH                 | VERY HIGH          | HIGH               | MEDIUM            |
|                          | <b>4.0 – 7.5 %</b> | VERY HIGH                 | HIGH               | HIGH               | MEDIUM            |
|                          | <b>1.0 – 4.0 %</b> | HIGH                      | HIGH               | MEDIUM             | MEDIUM            |
|                          | <b>&lt; 1.0 %</b>  | MEDIUM                    | MEDIUM             | MEDIUM             | LOW               |



**Table A4.** Cross-tabulation of the risk and opportunities (Table A3) associated with climate change for each species, in order to summarise the risks (columns) and opportunities (rows) for each species.

|                    |                  | <b>RISK</b>         |                     |                     |                    |
|--------------------|------------------|---------------------|---------------------|---------------------|--------------------|
|                    |                  | <b>VERY HIGH</b>    | <b>HIGH</b>         | <b>MEDIUM</b>       | <b>LOW</b>         |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | HIGH RISK           | HIGH RISK           | MEDIUM RISK         | LIMITED IMPACT     |
|                    | <b>MEDIUM</b>    | HIGH RISK           | MEDIUM RISK         | RISKS & OPPORTUNITY | MEDIUM OPPORTUNITY |
|                    | <b>HIGH</b>      | MEDIUM RISK         | RISKS & OPPORTUNITY | MEDIUM OPPORTUNITY  | HIGH OPPORTUNITY   |
|                    | <b>VERY HIGH</b> | RISKS & OPPORTUNITY | MEDIUM OPPORTUNITY  | HIGH OPPORTUNITY    | HIGH OPPORTUNITY   |

## **Appendix 4. Detail of the methods and information required for full risk assessment**

See Figure 1 for an overview of the risk assessment process.

### Stage I.

Distribution change data (Stage I.A) were based on Atlas data (for birds) and modelling of recording scheme data held by Biological Records Centre (BRC) as described above for other taxa. Confidence in all bird trends was assessed as good, based on the high coverage and effort. For other taxa, confidence was assessed as good if the mixed model accounting for recorder effort gave a trend where the upper 80% confidence intervals were in the same impact category as the trend (i.e. we were 80% confident that any observed declines were at least that severe), unless experts highlighted that significant changes in recorder effort, taxonomy or identifiability may have contributed to these trends. The linkage between range decline and climate (Stage I.B) was assessed initially by comparison of the direction of observed and projected declines within the current range. If both were negative then this provided evidence for a link (with poor confidence), if they were contradictory in direction then this provided no evidence for a link and if evidence existed in the published literature for a relationship between climate and population or range change, this was regarded as providing evidence of a link with good confidence. In Stage I.C exacerbating factors and associated confidence were assessed from expert opinion and the scientific literature, with a published study supporting the importance of a particular impact on a species' population or distribution regarded as providing evidence with good confidence.

### Stage II.

Projected declines within the current range were estimated using outputs from species distribution modelling. Confidence in these projections was assigned as 'high' where

projected and recently observed trends were consistent and the confidence intervals of bioclimatic models (median confidence interval across squares divided by the variance) were less than a threshold value of 0.02 (selected from a visual assessment of the spread of values). Confidence was assigned as medium if the confidence interval threshold was met but projected and observed trends were in opposing directions, indicating that non-climatic factors had driven recent trends. Confidence was low if the median weighted confidence interval was  $>0.02$ , suggesting that the model projections were uncertain.

### Stage III.

Stage III.A and III.B were completed as for Stages I.A and I.B, but using information about range expansion rather than contraction. The only difference was that, as described in Thomas et al., (2010~~1~~), decadal population increases in section III.A were calculated relative to the species' status updated every decade, (as opposed to Stage I.A where changes were calculated relative to the species original status).

### Stage IV.

Stage IV.A was based on bioclimatic projections of range expansion outside the current range, calculated as  $(\text{newly colonised range}) / (\text{newly colonised range} + \text{current range})$ . Confidence was assigned as in Stage II.A. Assessments of exacerbating factors likely to limit range expansion, and our confidence in them (Stage IV.C) were again based on expert knowledge and the literature.

**Table A5.** Summary of the information required at each stage of the full risk assessment

(summarised and adapted from Thomas et al., 2010<sup>1</sup>)

| Stage            | Data sources and criteria used  |
|------------------|---|
| I.A.impact       | <p>For bird species the decadal decline within current range was calculated from Atlas data between 1990-2010.</p> <p>For all other taxa, a mixed effects model on BRC data controlling for recorder effort was used.</p>             |
| I.A.confidence   | <p>All bird species trends were assigned good confidence.</p> <p>For other taxa, confidence was based on the C. I. from mixed model: if upper 80% C.I. overlaps the next impact category then confidence is poor, otherwise good.</p> |
| I.B.impact       | <p>If both observed trend (I.A.) and projected trend (II.A.) are negative then linkage="Yes". Supplemented with literature review to assess additional linkages with climate</p>  |
| I.B.confidence   | <p>Poor if just assessed by comparison of observed (I.A.) and projected (II.A.) trends.</p> <p>Good if robust evidence identified by literature review.</p>   |
| I.C.i.impact     | <p>Is current extent &lt;20 000km<sup>2</sup>? *</p> <p>Additionally for bird species only: is GB population &lt; 10 000 individuals?</p>   |
| I.C.i.confidence | <p>For bird species generally good.</p> <p>For other taxa: poor if just assessed by using current extent data. Good if robust</p>   |

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evidence identified by literature review or supported by expert opinion.

IC.ii.impact Expert knowledge or evidence from literature review supporting at least one of the factors.

I.Cii.confidence Good if robust evidence from peer-reviewed literature. Poor if based on expert knowledge alone.

For birds, due to generally good understanding of the ecology of these species, experts were asked to assign the confidence level where impact was based on unpublished information.

---

II.A.impact Bioclimate model projected change in occupancy within current range

II.A.confidence a) Are bioclimate confidence intervals below a threshold value (see main text)?

b) Is direction of projected trends (II.A.) in same direction as observed trend (I.A.)?

For bird species: Yes to a)&b) = good, yes to a) only =medium, no to a) =poor.

For other taxa: Yes to a)&b) = good, yes to a) or b) only =medium, no to a) & b) =poor.

II.B. Not applicable

II.C.i.impact As I.C.i

II.Ci.confidence As I.C.i

II.C.ii.impact As I.C.ii

II.Cii.confidence As I.C.ii

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III.A.impact For bird species: decadal increase outside previous range was calculated from Atlas data between 1990 and 2010.

Other taxa: mixed model of BRC data of observed increases beyond species' recent historical range\*\* controlling for recorder effort

III.A.confidence All bird species trends were assigned with good confidence.

For other taxa: the model output was compared across 3 different levels of recorder effort - if the level of recorder effort changes the impact category then confidence is poor, otherwise assigned as good.

III.B.impact If both observed trend (III.A.) and projected trend (IV.A.) are positive then linkage="Yes". Supplemented with literature review to assess additional linkages with climate.

III.B.confidence Poor if just assessed by comparing observed (III.A.) and projected trends (IV.A.). Good if robust evidence identified in literature review.

III.C. Not applicable

---

IV.A.impact Bioclimate model projected change in occupancy outside the current range

IV.A.confidence As II.A.

IV.B. Not applicable

IV.C.i. impact As I.C.ii

IV.C.i. confidence As I.C.ii

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IV.C.ii. impact      As I.C.ii

IV.C.ii.confidence      As I.C.ii

IV.C.iii. impact      As I.C.ii

IV.C.iii.confidence      As I.C.ii

---

Note we occasionally changed confidence levels in Stage A (usually 1.A.) if experts highlighted concerns regarding distribution data, e.g. significant changes in recorder effort, recent taxonomic splits, issues regarding taxonomic identification etc.

\*Current extent is calculated by bioclimate model: probability of a cell being occupied multiplied by the area of a cell = current extent (possible area occupied)

\*\*Number of newly occupied cells outside the current range as a percentage of cells inside current range.

## **Appendix 5. Species outcomes from the simplified risk assessment**



## **Appendix 6. Species outcomes from the full risk assessment**

1 **A national-scale assessment of climate change impacts on species: assessing the balance**  
2 **of risks and opportunities for multiple taxa**

3 James W. Pearce-Higgins<sup>1,2</sup>, Colin M. Beale<sup>3</sup>, Tom H. Oliver<sup>4,5</sup>, Tom A. August<sup>4</sup>, Matthew  
4 Carroll<sup>3,6,7</sup>, Dario Massimino<sup>1</sup>, Nancy Ockendon<sup>1,2</sup>, Joanne Savage<sup>4</sup>, Christopher J.  
5 Wheatley<sup>3</sup>, Malcolm A. Ausden<sup>6</sup>, Richard B. Bradbury<sup>2,6,7</sup>, Simon J. Duffield<sup>8</sup>, Nicholas A.  
6 Macgregor<sup>8,9</sup>, Colin J. McClean<sup>10</sup>, Michael D. Morecroft<sup>8</sup>, Chris D. Thomas<sup>3</sup>, Olly Watts<sup>6</sup>,  
7 Björn C. Beckmann<sup>3,4,11</sup>, Richard Fox<sup>12</sup>, Helen E. Roy<sup>4</sup>, Peter G. Sutton<sup>11</sup>, Kevin J. Walker<sup>13</sup>,  
8 Humphrey Q.P. Crick<sup>8</sup>

9

10 <sup>1</sup> *British Trust for Ornithology, The Nunnery, Thetford, Norfolk, IP24 2PU, UK*

11 <sup>2</sup> *Conservation Science Group, Department of Zoology, University of Cambridge, Downing*  
12 *Street, Cambridge CB2 3EJ, UK*

13 <sup>3</sup> *Department of Biology, University of York, Wentworth Way, York, YO10 5DD, UK*

14 <sup>4</sup> *Centre for Ecology & Hydrology, Maclean Building, Benson Lane, Crowmarsh Gifford,*  
15 *Wallingford, Oxfordshire, OX10 8BB, UK*

16 <sup>5</sup> *School of Biological Sciences, University of Reading, Whiteknights, Reading, Berkshire*  
17 *RG6 6AS, UK.*

18 <sup>6</sup> *Royal Society for the Protection of Birds, The Lodge, Sandy, Beds., SG19 2DL, UK*

19 <sup>7</sup> *RSPB Centre for Conservation Science, The David Attenborough Building, Pembroke*  
20 *Street, Cambridge CB2 3QZ, UK*

21 <sup>8</sup> *Natural England, Eastbrook, Shaftesbury Road, Cambridge, CB2 8DR, UK*

22 <sup>9</sup> *Durrell Institute of Conservation and Ecology (DICE), School of Anthropology and*  
23 *Conservation, University of Kent, Canterbury, Kent, CT2 7NR, UK*

24 <sup>10</sup>*Environment Department, University of York, Wentworth Way, York, YO10 5NG, UK*

25 <sup>11</sup>*Orthoptera and Allied Insects Recording Scheme of Britain and Ireland, c/o Biological*  
26 *Records Centre, Centre for Ecology & Hydrology, Wallingford, OX10 8BB, UK*

27 <sup>12</sup>*Butterfly Conservation, Manor Yard, East Lulworth, Wareham, Dorset, BH20 5QP, UK*

28 <sup>13</sup> *Botanical Society of Britain and Ireland (BSBI), Room 14 Bridge House, 1-2 Station*  
29 *Bridge, Harrogate, North Yorkshire HG1 1SS, UK*

30

31 Corresponding author: Pearce-Higgins, J.W. Email: james.pearce-higgins@bto.org, Tel: +44  
32 (0)1842 750050

33

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35

36 **Abstract**

37 It is important for conservationists to be able to assess the risks that climate change poses to  
38 species, in order to inform decision making. Using standardised and repeatable methods, we  
39 present a national-scale assessment of the risks of range loss and opportunities for range  
40 expansion that climate change could pose for over 3,000 plants and animals. Species were  
41 selected by their occurrence in England, the primary focus of the study, but climate change  
42 impacts were assessed across Great Britain, widening their geographical relevance. A basic  
43 risk assessment that compared projected future changes in potential range with recently  
44 observed changes classified 21% of species as being at high risk and 6% at medium risk of  
45 range loss under a B1 climate change scenario. A greater number of species were classified as  
46 having a medium (16%) or high (38%) opportunity to potentially expand their distribution. A  
47 more comprehensive assessment, incorporating additional ecological information, including  
48 potentially confounding and exacerbating factors (e.g .dispersal, habitat availability and other  
49 constraints), was applied to 402 species, of which 35 % were at risk of range loss and 42 %  
50 may expand their range extent. This study covers a temperate region with a significant  
51 proportion of species at their poleward range limit; the balance of risks and opportunities  
52 from climate change may be different elsewhere. The outcome of both risk assessments  
53 varied between taxonomic groups, with bryophytes and vascular plants containing the  
54 greatest proportion of species at risk from climate change. Upland habitats contained more  
55 species at risk than other habitats. Whilst the overall pattern was clear, confidence was  
56 generally low for individual assessments, with the exception of well-studied taxa such as  
57 birds. In response to climate change, nature conservation needs to plan for changing species  
58 distributions and increasing uncertainty of the future.

59

- 60 Keywords: adaptation; climate change; climate envelope; Great Britain; risk assessment;
- 61 vulnerability

## 62 **Introduction**

63 To make the best use of conservation resources, it is necessary to prioritise species for action,  
64 for example according to their current status and the threats that they face. Globally, the most  
65 widely adopted framework for this is the IUCN Red List which quantifies extinction risk  
66 using information on the population size and range extent of a species, and the rate of change  
67 in those parameters (Mace et al., 2008, IUCN 2016). Anthropogenic climate change is likely  
68 to exacerbate the extinction risk of many species over the course of this century (Thomas et  
69 al., 2004, Bellard et al., 2012, Warren et al., 2013, Foden et al., 2013). A number of  
70 approaches have been developed to assess the potential impact of climate change on species'  
71 future status (Akçakaya et al., 2015). One common approach uses species distribution models  
72 (widely termed bioclimatic-envelope or climate-envelope models) to link distribution to  
73 climate variables and project the likely future impact of climate change on species'  
74 distributions (e.g. Thomas et al., 2004, Huntley et al., 2007, Walmsley et al., 2007, Warren et  
75 al., 2013). An alternative approach is to undertake vulnerability assessments which may  
76 combine a measure of future projected climate change (exposure) with ecological traits to  
77 identify the sorts of species most likely to be both sensitive to and lack the capacity to adapt  
78 to climate change (e.g. Gardali et al., 2012, Foden et al., 2013).

79 Vulnerability assessments have often been applied to single taxonomic groups within  
80 particular regions or countries (e.g. Heikkinen et al., 2010, Barbet-Massin et al., 2012) or,  
81 less commonly across a global scale (Jetz et al., 2007, Foden et al., 2013). Relatively few  
82 vulnerability assessments have covered the full range of biodiversity present within a  
83 particular geographical area, despite the fact that a comprehensive assessment of as many  
84 taxa as possible would assist governments and conservation organisations plan and adapt to  
85 climate change. Achieving such wide coverage is challenging because many assessments

86 require taxon-specific information or use approaches that have limited applicability to other  
87 taxa (e.g. Heikkinen et al., 2010, Gardali et al., 2012, Moyle et al., 2013). To date, it has been  
88 difficult to develop an approach which works across a range of taxa due to the different  
89 nature of ecological traits across contrasting taxonomic groups, and the variable availability  
90 of data (e.g. of species distributions, trends and traits). The strong tradition of biological  
91 recording in Britain across a wide range of taxa provides a rare opportunity to tackle this  
92 challenge.

93 Thomas et al., (2011) developed a framework to assess the threats and potential benefits of  
94 climate change that is applicable to a wide range of taxa. It uses bioclimatic-envelope models,  
95 combined with information on recent trends and additional ecological information, to identify  
96 the likelihood of species' range expansion and contraction, and has so far been applied to UK  
97 butterflies and some exemplar species from other taxa (Thomas et al., 2011). Here, we use a  
98 modification of this approach to undertake a climate change vulnerability assessment of more  
99 than 3,000 terrestrial and wetland species, (and in a minority of cases, species aggregates and  
100 distinctive subspecies or varieties, hereafter all termed 'species' for brevity; see methods)  
101 across 17 taxonomic groups in Britain (Table 1). This provides the first opportunity to  
102 examine how an important aspect of vulnerability to climate change varies between  
103 taxonomic groups, and between species associated with specific habitat types, for as complete  
104 a biological assemblage as currently feasible.

105 This study was developed as part of a wider initiative of Natural England, the government  
106 conservation agency in England, to support decision making on adaptation (Natural England  
107 2014) and inform an adaptation plan (Natural England, 2015). It therefore focuses on species  
108 in England, the largest of the component countries within the United Kingdom (UK), but  
109 assesses the vulnerability of those species across Great Britain (GB), the single land mass

110 within which England is located. This ensures that the outputs are also highly relevant for  
111 Wales and Scotland, for UK organisations, and more widely.

## 112 **Materials and Methods**

113 The vulnerability assessment involved a number of steps (Figure 1) outlined below:

- 114 1. Distribution data for over 5,000 species were collated for a wide range of taxa that  
115 occur in England (Table 1).
- 116 2. Statistical models linking species' distributions to climate were used to assess the  
117 likely impacts of future climate change upon species' potential distributions.
- 118 3. Information from these projections was compared with observed changes in species  
119 distribution. By assessing recently observed changes in the context of projected future  
120 trends, a *simplified risk assessment* could be undertaken rapidly across all species.
- 121 4. For a representative subset of 402 species, additional ecological information enabled  
122 the application of the full Thomas et al., (2011) framework. By considering the  
123 potential for non-climatic factors and ecological constraints to affect species'  
124 responses to climate change, this framework produces a more comprehensive  
125 assessment (the *full risk assessment*).

126 Whilst the term 'risk assessment' can have specific meanings in different contexts, we follow  
127 Thomas *et al.* (2011) and use it to describe our methodology for assessing the potential risks  
128 of species decline and extirpation in parts of its current range, and opportunities that the same  
129 species may expand its distribution into other regions, both as a result of climate change. By  
130 using a combination of observed and modelled responses to climate change, the methodology



131 deals with the long time-scales over which species' responses to climate change are likely to  
132 occur.

### 133 *Species distribution data*

134 Species distribution data for GB were available from a range of biological recording schemes  
135 for a total of seventeen taxonomic groups (Table 1) at a hectad (10 km square) resolution. For  
136 inclusion, species had to be present in England and recorded from more than 5 hectads (the  
137 minimum required for modelling; Hickling et al., 2006). Even with this threshold the climate  
138 envelope models (described below) failed to converge for 10% of the most sparsely  
139 distributed species, giving a total of 4,540 species for which modelling was possible.

140 We used data from 1970-89 to represent baseline distributions prior to recent climate change,  
141 in order to minimise the risk of species' distributions being unsynchronised with the climate  
142 due to recent range shifts (Mason *et al.* 2015). For plants we used the period 1970-86; the  
143 time period (Braithwaite & Walker 2012) that most closely matched the data for other taxa.  
144 For birds the period 1988-91 was used, which coincided with a national atlas (Gibbons et al.,  
145 1993). Cells for which climate data were not available were excluded from analyses. To aid  
146 model convergence, small islands, with little data, were also excluded for all taxa apart from  
147 birds, leaving 2,561 hectads, or 2,670 for birds.

148 Recording effort varied between taxa, with the highest coverage for groups with well-  
149 developed and popular volunteer recording schemes such as vascular plants and birds. To  
150 avoid species' distribution models being biased as a result of limited recording effort, we  
151 used the program FRESALO (Hill, 2012) to estimate taxon-specific recorder effort in each  
152 10 km square (see below).

### 153 *Species distribution modelling*

154 We used the climate envelope modelling approach of Beale et al., (2014) across all taxa  
155 (Appendix 1). The approach was devised to address the problem of spatial autocorrelation in  
156 large-scale species' distribution data, and applies a Bayesian, spatially explicit (Conditional  
157 Autoregressive) Generalised Additive Model (GAM) to species' distribution data in order to  
158 separate climatic, spatial and random components in determining the distribution of each  
159 species. Four bioclimate variables were used to describe spatial variation in the climate, using  
160 1961-1990 averages:

- 161 • mean temperature of the coldest month (MTCO): a measure of winter cold.
- 162 • growing degree days above 5°C (GDD5): a measure of biologically useful warmth,  
163 calculated by applying a spline to mean monthly temperatures for each cell to convert  
164 monthly data to daily estimates.
- 165 • the coefficient of variation of temperature (cvTemp): a measure of seasonality
- 166 • soil moisture (soilWater): a measure of moisture availability calculated following the  
167 bucket model of Prentice et al., (1992), which takes inputs of temperature, rainfall, %  
168 sun/cloud and soil water capacities.

169 For birds and a quarter of vascular plants, we initially constructed 50 km resolution species  
170 distribution models across Europe to describe the relationship between occurrence and  
171 climate using uninformative priors (i.e. with no prior knowledge of what this relationship  
172 should be). Once converged, a second model was fitted to hectad data from GB using  
173 informative priors from the European-scale analysis. As a result, any strong climatic signal  
174 based on the European distribution would remain essentially unchanged when modelled using  
175 GB data only, unless there was strong evidence for a different climatic signal within GB. In  
176 cases where there was high uncertainty in the estimation of potential range shifts at a

177 European level, the GB model would be more heavily informed by outputs from the British  
178 component of the model. We tested for differences between both models for birds and  
179 vascular plants under the A1B scenario. Predicted changes were strongly correlated, although  
180 models based on GB only data tended to result in fewer species showing potential increases  
181 in range (Appendix 1). For species for which data from GB only were available, only the  
182 second model was run using uninformative priors.

183 Future climate projections for the UK were derived from UKCP09, which use outputs from  
184 an ensemble of variants of the HADSM3 climate model to produce a series of probabilistic  
185 outputs for individual climate variables for three IPCC SRES scenarios (A1F1, A1B and B1).  
186 These are regarded as the most suitable climate change projections for the UK, downscaled to  
187 a 25 km grid (Murphy et al. 2009). We considered two contrasting scenarios, the B1 scenario  
188 which is a low emissions scenario projected to lead to a *c.* 2°C global temperature increase by  
189 the end of this century (equivalent to RCP4.5) and the A1B scenario, that represents  
190 vulnerabilities under a medium emissions scenario of *c.* 4°C global warming by the end of  
191 this century (intermediate between RCP6 and RCP8.5) (Rogelj et al., 2012). As there was a  
192 strong correlation between the results of the two scenarios, we focus on the B1 results in this  
193 paper, and present the results from the A1B scenario in Appendix 1.

#### 194 *Simplified risk assessment*

195 Distribution data from national schemes were used to identify post-1989 range changes  
196 within the baseline historical distribution (1970-89; or 1970-86 for plants and 1988-91 for  
197 birds, as described above), and outside this historic range (newly colonised areas). With the  
198 exception of birds, distributional changes required correction to account for variation in  
199 observer effort (Appendix 2).

200 Due to limited data availability across adequately sampled squares, it was not possible to use  
201 this method to produce effort-corrected observed trends for 1,492 species, leaving a total of  
202 3,048 to which the risk assessment could be applied. Of these, 50 were species aggregates  
203 reflecting taxonomic changes over previous decades (1 bird, 3 carabid beetles, 28 bryophyte  
204 and 18 vascular plants), 123 were specific subspecies or varieties (38 bryophytes, 2 spiders  
205 and 83 vascular plants), and 80 were infraspecies, whose distribution may have been based on  
206 partial information, due to the separate recording of taxonomically distinct subspecies or  
207 related species aggregates (31 bryophytes, 1 carabid beetle and 48 vascular plants). The  
208 inclusion of this mix of taxonomic resolutions did not bias the risk assessment towards  
209 species of particular risk or opportunity categories; in a sensitivity analysis there was no  
210 significant difference in the allocation to different risk categories between ‘true’ species and  
211 these other taxonomic concepts combined, under either the B1 ( $\chi_4^2 = 7.93$ ,  $P = 0.094$ ) or A1B  
212 ( $\chi_4^2 = 7.44$ ,  $P = 0.11$ ) scenarios. We have therefore assessed all taxonomic concepts together,  
213 but for completeness also present the results for bryophytes and vascular plant species  
214 separately, excluding aggregates, subspecies and infraspecies.

215 Current contractions within the historical range were compared against the magnitude of  
216 projected future contractions to assess risk from climate change, whilst observed range  
217 expansion was cross-tabulated with the magnitude of projected future range expansion to  
218 assess potential risks and opportunities from climate change (Appendix 3). The highest risk  
219 or opportunity categories were reserved for those species where projected future changes  
220 were consistent with observed changes. As the simplified risk assessment may have inflated  
221 the potential risk of climate change for species which have suffered recent declines and range  
222 contractions for non-climatic reasons, for a subset of 402 species, we also undertook a full

223 risk assessment following the Thomas et al., (2011) framework to account for non-climatic  
224 factors and constraints.

225 *Full risk assessment*

226 The 402 species (including 4 subspecies / varieties and 1 infraspecies) for full assessment  
227 comprised 155 conservation priority species listed under the Section 41 of the Natural  
228 Environment and Rural Communities (NERC) Act 2006  
229 ([http://www.legislation.gov.uk/ukpga/2006/16/pdfs/ukpga\\_20060016\\_en.pdf](http://www.legislation.gov.uk/ukpga/2006/16/pdfs/ukpga_20060016_en.pdf)), termed NERC  
230 species, as well as at least 13 randomly selected species from each taxonomic group. This  
231 provided a broad appraisal across taxa, while ensuring as many species of highest  
232 conservation concern as possible were included. The full risk assessment used additional  
233 ecological information on population size and range extent, the link between population and  
234 range changes to climate, and on potential exacerbating factors (e.g. range extent and  
235 population size, ecological constraints associated with habitat-availability, dispersal and  
236 species interactions) to moderate the likely risk and opportunity scores, and the overall  
237 assessment of confidence (Thomas et al., 2011). Small and range-restricted populations, or  
238 species associated with other constraints, received a higher risk score, whilst the likelihood of  
239 range expansion was reduced if habitat availability, dispersal ability and other limiting  
240 species were judged as likely to result in species achieving a lower level of range expansion  
241 than predicted by the models. This information was gathered from a literature search for each  
242 species using Google Scholar and Web of Science, supplemented by additional information  
243 from UK species experts (see Acknowledgements). The confidence associated with  
244 ecological information was regarded as good if based upon peer-reviewed literature. If it was  
245 based on expert knowledge then the expert was asked to assign the confidence level.

246 The full risk assessment consisted of four stages (Figure 1, Appendix 4), requiring  
247 information on observed changes in occurrence within the current range (Stage I), projected  
248 changes within the current range (Stage II), observed changes in occurrence outside the  
249 current range (Stage III) and projected changes outside the current range (Stage IV). The  
250 results of the four stages were synthesised into a single table (Table A4). The overall  
251 confidence for species 'at risk' was the confidence associated with the assessment of threat,  
252 while for species with an opportunity for expansion, we used the confidence associated with  
253 that. For species classed as having 'risks and opportunities' or 'limited impact', we averaged  
254 the two confidence scores.

#### 255 *Statistical analysis*

256 Significant differences in the proportion of species allotted to different risk categories were  
257 tested by Chi-square, as were contrasts between taxonomic groups and between NERC and  
258 other species. Information on the broad habitat associations of the 155 NERC priority  
259 species, summarised into wetland, urban, farmland, upland woodland and coastal categories,  
260 was used to test the extent to which species' vulnerability to climate change, from the full  
261 risk assessment, varied between habitats.

262 Formal differences between the results from the simplified and full risk assessments for each  
263 of the 402 species assessed using both risk assessment methods were tested by Chi-square  
264 test and by regression. For the latter, we converted the categorical risk assessment into rank  
265 scores from high risk (-2) to high opportunity (2), with both 'risks & opportunities' and  
266 'limited impact' categories scored as 0. Scores were regressed within a generalised linear  
267 mixed model, with taxonomic identity as a random effect, using PROC MIXED in SAS v9.2.  
268 We used the same scores to test for differences in full risk assessment outcomes between  
269 different taxa, and between NERC and other species.

270 **Results**

271 *Simplified risk assessment*

272 Of the 3,048 species assessed, 640 were classified as being at high risk of a decline in the  
273 area of projected suitable climate under the B1 climate change scenario and 188 at medium  
274 risk (a total of 27.2% species at risk). A greater number of species were identified as likely to  
275 have a medium (486) or high (1,164) potential opportunity as a result of projected increases  
276 in the area of potentially suitable climate (totalling 54.1%; Table 2). For only 6 was limited  
277 impact predicted. These estimates of risk were similar under the A1B warming scenario (  
278  $\chi^2_5 = 2.96$ ,  $P = 0.71$ ), although with slightly more species (28.1%) classified as being at risk  
279 (Appendix 1 Table A1).

280 The outcome of the risk assessment varied significantly between taxonomic groups ( $\chi^2_{64} =$   
281  $475.54$ ,  $P < 0.0001$ ; excluding the limited impact category due to the small sample size).  
282 These differences remained ( $\chi^2_{32} = 339.73$ ,  $P < 0.0001$ ) when simply splitting species into  
283 those at risk, likely to have an opportunity, or likely to be unaffected (i.e. risks &  
284 opportunities and limited impact categories combined). The proportion of species at risk  
285 varied from 6% for wasps to 39% for vascular plants, while the proportion of species with  
286 opportunity varied from 37% for bryophytes to 90% for wasps (Figure 3). Repeating this  
287 appraisal for bryophytes and vascular plants without subspecies and infraspecies produced  
288 equivalent assessments for both (bryophytes: high opportunity 107 spp (25%), medium  
289 opportunity 48 spp. (11%), risks and opportunity 134 spp. (32%), medium risk 32 spp. (8%),  
290 high risk 102 spp. (24%); vascular plants: high opportunity 210 spp. (30%), medium  
291 opportunity 103 spp. (15%), risks and opportunity 131 spp. (19%), medium risk 59 spp. (8%),  
292 high risk 200 spp (28%)). The groups with the greatest proportion of species at risk from  
293 climate change were bryophytes and vascular plants (> 30 % in both cases), whilst a number

294 of groups were largely (>70 %) comprised of species for which climate change may present  
295 an opportunity for range expansion in GB (ants, bees, centipedes, coccinellid beetles and  
296 wasps).

297 NERC species contained slightly more 'high risk' and 'medium opportunity' species and  
298 fewer 'high opportunity' species than expected from the pattern across the other species (  
299  $\chi_4^2 = 10.30, P = 0.036$ ), but there was no overall difference between these two species groups  
300 when the categories were simplified to risk, opportunity or unaffected ( $\chi_2^2 = 1.07, P = 0.58$ ).

### 301 *Full risk assessment*

302 Across all 402 species run through the full framework for the B1 scenario, 141 (35.1 %) were  
303 classified as being at high or medium risk of being negatively affected by climate change,  
304 compared to 168 (41.8 %) which were listed as likely to have a medium or high opportunity  
305 (Table 3). Limited impact was predicted for 19% of species. There was no significant  
306 difference from this classification of species under the A1B scenario ( $\chi_5^2 = 0.94, P = 0.92$ ;  
307 Appendix 1 Table A2). The score attributed to species did not vary between NERC species  
308 and the remainder ( $F_{1,384} < 0.01, P = 0.99$ ), but did vary with taxonomic group ( $F_{16,384} = 3.38$ ,  
309  $P < 0.0001$ ). The lowest scores, indicating the greatest proportion of species at risk from  
310 climate change, were for bryophytes (n=14), with the highest scores for ants (n=13) and  
311 wasps (n=13), the majority of which were classed as having a high opportunity from climate  
312 change (Figure 4).

313 There was no significant variation overall between habitats in the frequencies of NERC  
314 species allocated to different risk categories ( $\chi_{25}^2 = 33.86, P = 0.11$ ). However, upland was  
315 the only habitat with a majority of species (75 %) regarded as being at risk of a decline in the



316 area of projected suitable climate (Figure 5), which contrasted significantly with average of  
317 40% of species across the remaining habitats when lumped together ( $\chi^2_3 = 15.59, P = 0.008$ ).

318 For the majority (314) of species in the full assessment, confidence was poor, for 86 it was  
319 medium and good for only two. Confidence scores differed significantly between taxonomic  
320 groups ( $\chi^2_{16} = 57.23, P < 0.0001$ ), driven primarily by a greater level of confidence for bird  
321 assessments (35% of 82 assessments were accorded medium or good confidence) than for  
322 other species, where 18% of 320 assessments were classed as having medium confidence,  
323 and none good.

#### 324 *Simplified v Full Risk Assessment*

325 There was a strong association between the scores using the simplified and full approaches  
326 for species assessed by both ( $F_{1, 398} = 955.56, P < 0.0001$ ;  $S_F = -0.33 (\pm 0.089) + 0.91 (\pm$   
327  $0.029) S_S$ , where  $S_F$  is the full assessment score and  $S_S$  the simplified assessment score). The  
328 scores from the two frameworks had a close to 1:1 relationship, but the intercept shows that  
329 the full assessment on average produced a lower (higher risk or lower opportunity) score by  
330 0.33 (or one third of a category),.

## 331 **Discussion**

332 Here we present a national-level assessment of species' vulnerability to climate change,  
333 covering 3,048 species across 17 taxonomic groups. Consistently for both B1 and A1B  
334 scenarios, we found that there was a greater number of species for which potential range is  
335 projected to increase as a result of climate change than it is projected to decrease. This was  
336 particularly the case when considering the outputs for the simplified framework for all  
337 species, where over 50% were classified with a medium or high opportunity from climate  
338 change (Table 2), but also applied to 43 % of the subset of species run through the full risk

339 assessment framework, compared with projected negative range impacts for 35% (Table 3).  
340 This also concurs with the previously published results of the full risk assessment  
341 methodology for butterflies in GB, which used an A2 climate change scenario intermediate  
342 between the B1 and A1B scenarios used here (Thomas et al., 2011). Of 58 butterfly species,  
343 three were regarded as at high risk from climate change, three at medium risk, 10 likely to  
344 have a medium opportunity, 14 a high opportunity and 27 limited impact. If turned into rank  
345 scores and added to the results of our study, this would place butterflies intermediate between  
346 coccinelid beetles and craneflies, with a mean score of 0.52 (Figure 4). Our findings are also  
347 consistent with recently observed trends across multiple taxa in the UK where more species  
348 are regarded as being impacted positively by climate change than negatively, at least in the  
349 short-term (Burns et al., 2016).

350 It could be argued that by indicating that a greater number of taxa are likely to have an  
351 opportunity for range expansion in response to climate change than be at risk of range  
352 contraction, our analysis suggests that climate change will have a positive impact upon UK  
353 biodiversity. However, before considering this, it is worth noting how our findings may result  
354 from both underlying methodological constraints and inherent biological processes.

355 It was not possible to undertake assessments for 13% of species because there were  
356 insufficient data to generate a bioclimate model, and for a further 29% of remaining species  
357 there was insufficient information to produce effort-corrected observed trends. Given  
358 latitudinal gradients in observer (recorder) effort within the UK, with more recorders in the  
359 south than the north, it is likely that a greater proportion of unassessed species were  
360 northerly-distributed and may include species more likely to be at risk of adverse climate  
361 change impacts than to benefit. However, by selecting species from England, but using data  
362 from across GB for their assessment, this enabled us to include more northern and upland

363 species than we otherwise would have done had we undertaken the assessment with  
364 distribution data from England alone. In addition, it is possible that more localised and  
365 specialised species, which may be species less likely to benefit from climate change (e.g.  
366 Warren et al. 2001), were more likely to be data deficient and excluded. We did observe a  
367 significant difference between the scores of conservation priority species (many of which are  
368 rare and specialised) and others in the simplified assessment, but there was no such difference  
369 in the full assessment.

370 Apart from birds and vascular plants, the biodiversity data underpinning the assessment were  
371 from GB only, and in most cases our models do not capture the full range of climatically-  
372 suitable conditions in which the species can occur. A comparison of models based on GB  
373 data vs. GB + European data for birds and vascular plants, suggested that GB-only  
374 projections tended to be slightly more pessimistic than those that included European data,  
375 although the two were strongly correlated. Thus, the use of GB-only projections for most  
376 groups may have slightly inflated the projected magnitude of risk for those groups, although  
377 the assessment for vascular plants, one of the groups with the greatest proportion of species  
378 regarded as being at risk from climate change, included European data in the assessment. It is  
379 also worth noting that by including only species that currently occur in England, we did not  
380 consider the potential for new species to colonise the UK from mainland Europe as a result of  
381 climate change, which is already happening (e.g. Hiley et al., 2013). Thus our results may  
382 exclude a number of potential colonists to the UK for which climate change provides an  
383 opportunity. In other words, the outcome of the risk assessment may be scale- and context-  
384 dependent; a species projected to be at risk from climate change across mainland Europe may  
385 undergo a poleward shift and colonise the UK, where it would be regarded as having an  
386 opportunity for range expansion. This emphasises the value of undertaking assessments such  
387 as this at a range of spatial scales, which has rarely been done.

388 We assumed that the species distribution models describe the main relationships between  
389 species' occurrence and terrestrial climate. As we employed widely-used bioclimatic  
390 variables, this is probably reasonable for most terrestrial taxa, but for some coastal bird  
391 species which use the marine environment, where spatial patterns of changes in sea  
392 temperature and other climate related variables may differ from those on land, projections are  
393 likely to be less certain. We also have not considered potentially detrimental impacts of sea-  
394 level rise and storm surges upon vulnerable coastal habitats and species (e.g. Gilbert et al.,  
395 2010; Ausden 2014).

396 The full assessment that considered ecological factors known to influence observed changes  
397 in populations or distributions, or likely constraints on the impacts of climate change, was  
398 applied to 402 species only. By excluding these considerations, the simple assessment applied  
399 across all species may have over-attributed observed changes to potential impacts of climate  
400 change if they were consistent with future projections (such as for farmland birds, crickets,  
401 centipedes and millipedes; Eglinton & Pearce-Higgins 2012; Beckmann *et al.* 2015; Lee  
402 2015; Burns et al., 2016), or under-estimated the potential magnitude of future climate  
403 change impacts if observed changes were opposite to future projections as a result of non-  
404 climatic factors. Although both methodologies delivered broadly comparable results, the full  
405 assessment did increase the proportion of species projected to experience only a limited  
406 impact of climate change, and included a greater proportion of species projected to be at risk.

407 Finally, there is considerable uncertainty about the likely pace of any distributional shift in  
408 response to climate change. Both bird and butterfly communities appear to be lagging behind  
409 the rate of warming observed across Europe (Devictor et al., 2012, Massimino et al., 2015);  
410 less-mobile groups, such as many of the vascular plants, may well lag even more. The ability  
411 of a species to disperse will be an important constraint on the extent to which some species

412 can occupy any new areas of potential range in the future (Barbet-Massin et al., 2012), as will  
413 the availability of areas of potentially suitable habitat for colonisation (Thomas et al., 2012;  
414 Hiley et al., 2013) and underlying population dynamics (Mair *et al.* 2014). Although  
415 considerable uncertainty remains about the pace of these responses to climate change, these  
416 uncertainties were at least partially captured by the full risk assessment, which reduces the  
417 likelihood of opportunity as a result of climate change in species with constrained dispersal  
418 ability.

419 Despite the potential methodological constraints, there are good biological reasons to expect  
420 more species to be able to expand their range than be at risk of it contracting in response to  
421 climate in GB. This is because there are more southern species with potential for northward  
422 range expansion in Britain than there are northern species with southern range margins (e.g.  
423 butterflies: Asher et al., 2001; vascular plants: Preston et al., 2002; birds: Balmer et al.,  
424 2013), with strong latitudinal gradients in species' richness (e.g. Eglington et al., 2015). In  
425 combination with largely polewards shifts that are projected to occur in the distribution of a  
426 range of taxa, and are already being observed (Mason et al., 2015), this would lead to more  
427 species being likely to expand their distributions in GB, than to contract. Observations of  
428 recent trends suggest that this is already the case (Massimino et al., 2015, Burns et al., 2016).  
429 Although we assessed that fewer species would be at risk of range contraction from climate  
430 change than have an opportunity, species of certain taxonomic groups and habitats were  
431 identified as being more vulnerable than others. In particular, the full risk assessments  
432 completed for those species of conservation concern for which the required data is available  
433 suggested that species associated with upland habitat-types, where increasing temperatures  
434 might be expected to result in northwards and upwards range contraction, would be  
435 particularly vulnerable to climate change. This is consistent with the results of other studies  
436 suggesting that northern or upland birds (Green et al., 2008, Pearce-Higgins 2010), butterflies

437 (Thomas et al., 2011) and plants (Hill & Preson 2015) may be more vulnerable to climate  
438 change than other species. Multi-taxa assessments have found similar patterns (Walmsley et  
439 al., 2007; Araujo *et al* 2011), and there is already evidence of such impacts being observed  
440 (Morecroft & Speakman 2015). While many taxonomic groups contain some species likely to  
441 be at risk from climate change and others with the potential to expand their distribution, the  
442 balance between these two outcomes will vary with the geographical and habitat bias of that  
443 group, as well as the ecological characteristics of the species, such as voltinism, diapause  
444 strategy, migratory strategy and growth rate (Bale et al., 2002). Other climate-influenced  
445 ecological changes will also affect species abundance and distribution in future through  
446 altered species interactions (Ockendon et al., 2014).

447 Geographical differences may partly account for the apparent high sensitivity to future  
448 climate change of bryophytes (Figures 3 and 4), many of which have a northern or north-  
449 western distribution, associated with cool and damp conditions. Our analysis suggests that of  
450 all the taxonomic groups considered, they are likely to be one of the most at risk from a  
451 reduction in areas of suitable climate, conclusions broadly supported by Ellis (2015), who  
452 anticipated detrimental impacts of climate change on northern and upland bryophytes,  
453 although potential impacts on species associated with oceanic climates were more uncertain.  
454 Even though there is some evidence for recent warming being associated with distribution  
455 shifts in some bryophytes (Bates & Preston 2011), there are difficulties in disentangling these  
456 changes from decreases in acid and nitrogen deposition from the atmosphere (Roth et al.,  
457 2013). The basic assessment also identified vascular plants as containing a high proportion of  
458 species at risk from climate change. However climate change may provide more of an  
459 opportunity for range expansion in a greater proportion of vascular plants than bryophytes;  
460 the full risk assessment suggested 17/51 plants but only 1/14 bryophytes have an opportunity  
461 for range expansion from climate change (Figure 4), although it is worth noting that

462 bryophytes probably have greater capacity for colonisation than vascular plants due to their  
463 spore-driven dispersal. Conversely the majority of Hymenoptera, particularly ants and wasps,  
464 have a southern distribution and were ranked as most likely to experience a high opportunity  
465 from climate change. This matches previous studies suggesting that populations of many  
466 Hymenoptera increase with warmer temperatures (Pearce-Higgins 2010, Burns et al., 2016),  
467 probably because they are thermophilic species largely constrained by temperature.

468 It is noteworthy that the majority (78%) of full risk assessments had poor confidence. If this  
469 is the case in Britain, which is one of the best studied and data rich parts of the world, climate  
470 change risk assessments in other parts of the world are likely to be even more uncertain. This  
471 emphasises the need for long-term monitoring and research to document and understand the  
472 impacts of climate change on biodiversity, particularly outside well-studied parts of Europe  
473 and North America (Ockendon et al., 2014). As a result, nature conservation organisations  
474 will have to integrate uncertainty and flexibility into their response to climate change. The  
475 taxa for which assessments were most robust were butterflies, where 46% of species  
476 assessments had medium or good confidence (Thomas et al., 2011), and birds, for which 35%  
477 of assessments were associated with medium or good confidence. These are the two best  
478 studied taxonomic groups in Britain with respect to the impacts of climate change on their  
479 populations (e.g. Devictor et al., 2012, Morecroft & Speakman 2015), and therefore the  
480 groups where observed changes can be more confidently attributed to climate change, where  
481 appropriate. They are also much better monitored than the other groups, with robust  
482 distribution change and annual population estimates adding to the confidence of the risk  
483 assessment. Practically speaking, the low confidence of most of the species' assessments in  
484 this study means that caution must be applied in judging the risk that climate change poses to  
485 individual species. Whilst we may have more confidence with the overall patterns of change,  
486 and how they vary between broad taxonomic groups and habitats, there are many reasons

487 why an individual assessment for a species may not be borne out in reality. In the absence of  
488 further monitoring and research, many individual assessments should be used with an  
489 understanding of the confidence they are associated with and the uncertainty involved in  
490 projecting the future.

491 The main tool underpinning this assessment was climate envelope modelling. Although the  
492 results of some basic models have been criticised in the literature (see Beale et al., 2008),  
493 there is increasing evidence linking climate envelope model predictions to observed bird  
494 population changes (Stephens et al., 2016). The choice of statistical model, general  
495 circulation model (GCM) and emission scenario can have a significant impact upon the  
496 results of climate envelope models (Dormann et al., 2008, Diniz-Filho et al., 2009). Whilst  
497 we could therefore be criticised for using only one modelling approach (Beale et al., 2014)  
498 and one GCM (HADSM3), and therefore not capturing the potential full range of possible  
499 futures, we have tried to select approaches that give the most plausible futures. The Bayesian  
500 spatially-explicit GAM used is a significant advance on other modelling approaches, as it  
501 accounts for spatially auto-correlated components of a species' distribution (Beale et al.,  
502 2014). Furthermore, in studies such as this, Baker et al., (2017) advocate using the most  
503 suitable GCM for a particular location, which the HADSM3 is for GB. The use of additional  
504 GCMs and modelling approaches could yield alternative projections and assessments of risk  
505 as a potential extension of this work. However, these additional models would be unlikely to  
506 alter the generality of our conclusions for high-level taxonomic groups or habitats, or reduce  
507 the uncertainty of the individual species assessments. Instead, what is required is better  
508 validation of climate change risk assessment (Wheatley et al., in press).

509 The simplified risk assessment makes use of both observed and projected population and  
510 range changes to assess risks and opportunities, allowing assessments to be moderated by the



511 extent to which observed and projected trends are in accordance. The full risk assessment  
512 additionally makes use of ecological information on links between population or range  
513 changes and climate and on potential exacerbating factors. This information is used to modify  
514 the final risk assessment for those species, and to moderate the degree of confidence in the  
515 assessment. Evidence for a strong statistical link between distribution and/or abundance and  
516 climate, or good evidence that changes are not linked to climate, increased the confidence of  
517 the assessment. The quality of evidence around exacerbating factors such as range or  
518 population size, interacting species, habitat availability and dispersal, also affected the final  
519 assessment of confidence, This combination of climate envelope modelling with ecological  
520 information to assess the degree of constraint which species are likely to face in responding  
521 to climate change, and comparison with observed trends, is a step forward from the basic  
522 climate envelope modelling approach, whilst taking account of some of the potential  
523 constraints on a species-by-species basis (Thomas et al., 2011).

#### 524 *Implications for nature conservation*

525 This analysis provides as near comprehensive an overview of how species ranges may change  
526 within a country under climate change as is currently possible. It goes beyond general  
527 principles of anticipating species range shift and provides an evidence-based assessment of  
528 the extent of change that is likely. The risk assessment indicates that, at a national level, the  
529 distributions of most species are liable to change. In the basic risk assessment only 6 out of 3048  
530 species were identified as having both low risk and low opportunity, whilst the full  
531 assessment classified only 75 of 402 species as having both low opportunity and low risk.  
532 This is an important finding for nature conservation planning, suggesting that changing  
533 distributions are likely to become the norm, not the exception, in the coming years.

534 Whilst there are many species that could potentially benefit from an expanding area of  
535 potentially suitable climate, these opportunities will not be realised if individuals are unable  
536 to disperse. Natural dispersal may be limited by several factors including habitat  
537 fragmentation, barriers of unsuitable habitats or low populations sizes and other pressures  
538 affecting healthy populations. Facilitating species movement is therefore likely to be a major  
539 challenge for future species conservation. Although many taxa have shown evidence of  
540 poleward shifts in their distribution in GB (Mason *et al.* 2015), this has been partly facilitated  
541 by a network of protected sites (Thomas *et al.* 2012), whose continued conservation and  
542 expansion becomes even more important in a changing climate.

543 The study also provides a greater clarity on the extent of threat to some species, particularly  
544 highlighting the vulnerability of upland taxa where many species are adapted to cool, wet  
545 conditions. For those species at risk of losing areas of potentially suitable climate,  
546 conservation actions to increase resilience (Morecroft *et al.*, 2012), including the protection  
547 of key sites (Gillingham *et al.* 2015) and *refugia* (Suggitt *et al.*, 2014), the maintenance of  
548 large or functional connected areas of semi-natural habitats within landscapes (Newson *et al.*,  
549 2014, Oliver *et al.*, 2015, 2017) and direct management to promote *in-situ* persistence  
550 (Greenwood *et al.*, 2015) will be important. An example of the latter is the potential to alter  
551 the management of vulnerable peatland habitats by raising water levels, likely to benefit  
552 plants, invertebrates and birds (Carroll *et al.*, 2011, Bellamy *et al.* 2012). Reducing other non-  
553 climatic pressures on upland species may also increase the ability of their populations to cope  
554 with climate change (Pearce-Higgins & Green 2014).

555 The confidence assessments emphasise that individual species assessments should be treated  
556 cautiously and that conservationists need to draw upon the full range of information available  
557 before decisions are made about climate change adaptation and conservation management.

558 Nevertheless for many species this assessment provides the main indication of potential  
559 climate change risks and opportunities and, accordingly, it can also highlight where further  
560 investigation and monitoring are necessary. It also emphasises the importance of planning to  
561 accommodate greater uncertainty about where species will survive and thrive in future. For  
562 site managers, this includes being aware of where their site is located in the context of the  
563 overall distribution of priority species (most simply, core, leading or trailing edges) and being  
564 prepared to adjust management priorities as situations change. To achieve this aim, the  
565 nature conservation organisations involved in this study are working to integrate these and  
566 comparable findings into their conservation practice, and to make this larger, emerging  
567 evidence base more accessible to conservation practitioners.

568

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584

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802 **Table 1.** Summary of the coverage of different species groups by this risk assessment.

| <b>Taxon</b> | <b>Recording Scheme</b>                        | <b>Link</b>                                      | <b>Total species with distribution data</b> | <b>Species for which climate models converged</b> | <b>Species for which trends could be calculated</b> | <b>Conservation priority species with trends calculated</b> |
|--------------|--|--|---|---|---|---|
| Ants         | Bees, Wasps and Ants Recording Society (BWARS) | <a href="http://www.bwars.com">www.bwars.com</a> | 36  | 28  | 13  | 0   |
| Bees         | Bees, Wasps and Ants Recording Society (BWARS) | <a href="http://www.bwars.com">www.bwars.com</a> | 225   | 187   | 143   | 6   |
| Birds        | British Trust for Ornithology                  | <a href="http://www.bto.org">www.bto.org</a>     | 180   | 180 <sup>1</sup>                                  | 180   | 41  |

|                         |  |   |       |     |     |   |
|-------------------------|--|---|-------|-----|-----|---|
| Bryophytes              | British Bryological Society  | <a href="http://www.britishtobryologicalsociety.org.uk">www.britishtobryologicalsociety.org.uk</a>                                  | 1,049 | 850 | 520 | 1 |
| Carabid beetles         | Ground Beetle Recording Scheme   | <a href="http://www.brc.ac.uk/scheme/ground-beetle-recording-scheme">http://www.brc.ac.uk/scheme/ground-beetle-recording-scheme</a> | 317   | 266 | 175 | 3 |
| Centipedes & millipedes | British Myriapod and Isopod Group, Centipede and Millipede Recording Schemes | <a href="http://www.bmig.org.uk">www.bmig.org.uk</a>  | 85    | 66  | 39  | 0 |
| Cerambycid Beetles      | Cerambycidae Recording Scheme  | <a href="http://www.coleoptera.org.uk/cerambycidae/home">http://www.coleoptera.org.uk/cerambycidae/home</a>                         | 52    | 40  | 0   | 0 |
| Coccinellid beetles     | Ladybird Recording Scheme  | <a href="http://www.ladybird-survey.org">www.ladybird-survey.org</a>  | 44    | 38  | 17  | 0 |



|                              |  |  |     |     |     |    |
|------------------------------|--|--|-----|-----|-----|----|
| Craneflies                   | Dipterists Forum,<br>Cranefly Recording<br>Scheme            | <a href="http://www.dipteristsforum.org.uk">www.dipteristsforum.org.uk</a>   | 78  | 64  | 11  | 0  |
| Crickets &<br>grasshoppers   | Orthoptera Recording<br>Scheme                               | <a href="http://www.orthoptera.org.uk">www.orthoptera.org.uk</a>   | 43  | 31  | 23  | 0  |
| Dragonflies &<br>damselflies | British Dragonfly<br>Society, Dragonfly<br>Recording Network | <a href="http://www.british-dragonflies.org.uk">www.british-dragonflies.org.uk</a>   | 45  | 35  | 26  | 0  |
| Hoverflies                   | Dipterists Forum,<br>Hoverfly Recording<br>Scheme            | <a href="http://www.hoverfly.org.uk">www.hoverfly.org.uk</a>   | 249 | 213 | 175 | 0  |
| Moths                        | Butterfly<br>Conservation, National<br>Moth Recording        | <a href="http://www.mothscount.org/text/27/national_moth_recording_scheme.html">www.mothscount.org/text/27/national_moth_recording_scheme.html</a> | 668 | 622 | 422 | 58 |

|                            | Scheme   |   |       |                    |     |    |
|----------------------------|--|---|-------|--------------------|-----|----|
| Soldier Beetles and allies | Soldier Beetles, Jewel Beetles and Glow-worms Recording Scheme | <a href="http://www.brc.ac.uk/scheme/soldier-beetles-jewel-beetles-and-glow-worms-recording-scheme">http://www.brc.ac.uk/scheme/soldier-beetles-jewel-beetles-and-glow-worms-recording-scheme</a> | 53    | 46                 | 22  | 0  |
| Spiders                    | Spider Recording Scheme, British Arachnological Society        | <a href="http://www.srs.britishspiders.org.uk">www.srs.britishspiders.org.uk</a> ,<br><a href="http://www.BritishSpiders.org.uk">www.BritishSpiders.org.uk</a>                                    | 512   | 374                | 297 | 7  |
| Vascular plants            | Botanical Society of Britiain and Ireland (BSBI)               | <a href="http://www.bsbi.org.uk">www.bsbi.org.uk</a>  | 1,365 | 1,339 <sup>2</sup> | 852 | 38 |
| Wasps                      | Bees, Wasps and Ants Recording                                 | <a href="http://www.bwars.com">www.bwars.com</a>  | 219   | 161                | 133 | 1  |

|              |                 |  |              |              |              |            |
|--------------|-----------------|--|--------------|--------------|--------------|------------|
|              | Society (BWARS) |  |              |              |              |            |
| <b>TOTAL</b> |                 |  | <b>5,220</b> | <b>4,540</b> | <b>3,048</b> | <b>155</b> |

803 <sup>1</sup>Models for two species failed to converge when built using only GB data.

804 <sup>2</sup>For 354 of these, European data were also available.

805

806 **Table 2.** Cross-tabulation of the risks and opportunities associated with climate change for all  
 807 3048 species run through the *simplified risk assessment*, based upon a low emission B1  
 808 projection for 2070-2099 (see Tables A3 and A4 for the derivation and interpretation of each  
 809 category). Values are the numbers of species in each category.

|                    |                  | <b>RISK</b>      |             |               |            |               |
|--------------------|------------------|------------------|-------------|---------------|------------|---------------|
|                    |                  | <b>VERY HIGH</b> | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>TOTALS</b> |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 25               | 1           | 7             | 6          | 39            |
|                    | <b>MEDIUM</b>    | 614              | 157         | 481           | 84         | 1,336         |
|                    | <b>HIGH</b>      | 24               | 27          | 358           | 142        | 551           |
|                    | <b>VERY HIGH</b> | 56               | 44          | 662           | 360        | 1,122         |
|                    | <b>TOTALS</b>    | 719              | 229         | 1,508         | 592        | 3,048         |

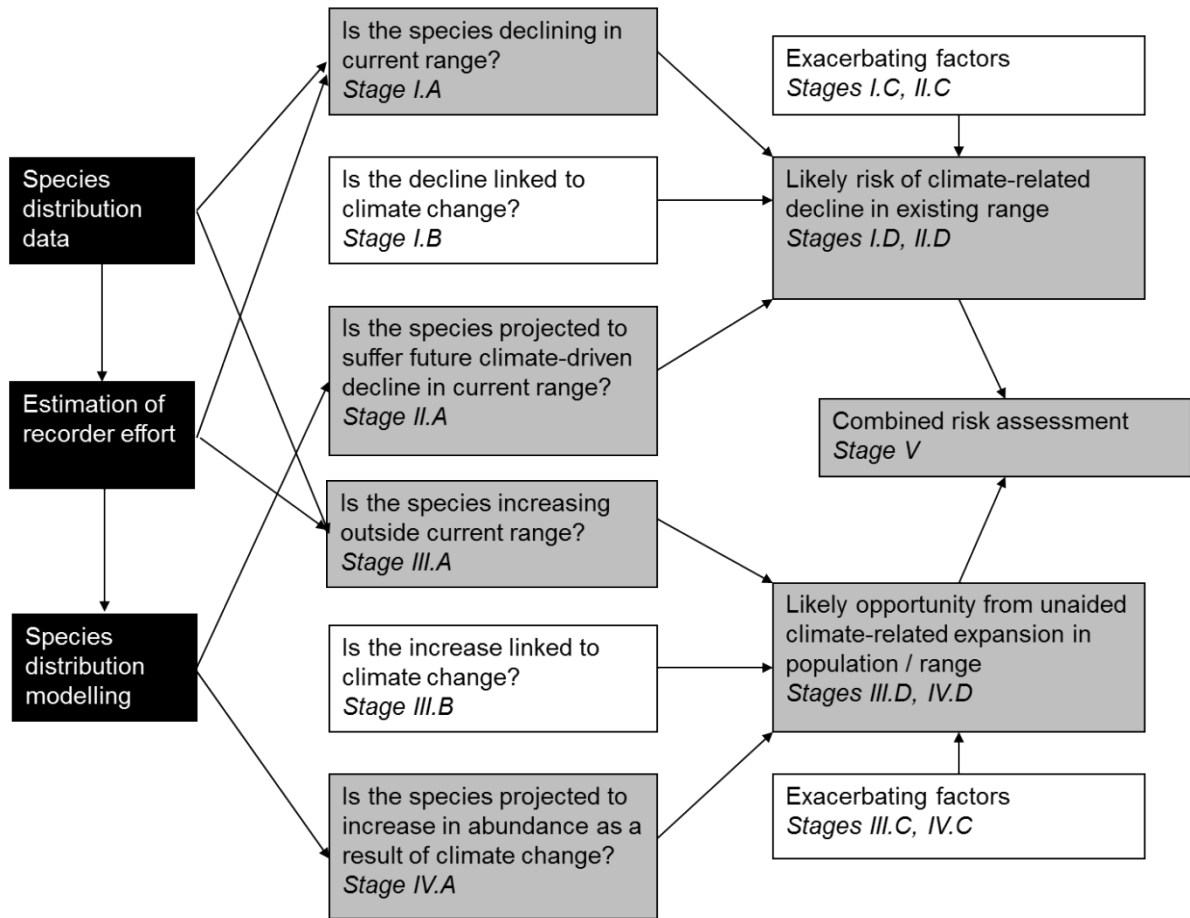
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811

812 **Table 3.** Cross-tabulation of the risks and opportunities associated with climate change for  
 813 402 species from all taxonomic groups run through the *full risk assessment*, based upon a low  
 814 emission B1 projection for 2070-2099. Values in parentheses are the values for the species of  
 815 conservation concern only.

|                    |                  | <b>RISK</b>      |             |               |            |               |
|--------------------|------------------|------------------|-------------|---------------|------------|---------------|
|                    |                  | <b>VERY HIGH</b> | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>TOTALS</b> |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 67 (34)          | 37 (11)     | 21 (7)        | 75 (27)    | 200 (79)      |
|                    | <b>MEDIUM</b>    | 5 (3)            | 2 (0)       | 1 (0)         | 22 (11)    | 30 (14)       |
|                    | <b>HIGH</b>      | 9 (4)            | 9 (4)       | 7 (3)         | 64 (26)    | 89 (37)       |
|                    | <b>VERY HIGH</b> | 8 (5)            | 4 (2)       | 5 (1)         | 66 (17)    | 83 (25)       |
|                    | <b>TOTALS</b>    | 89 (46)          | 51 (17)     | 34 (11)       | 227 (81)   | 402 (155)     |

816



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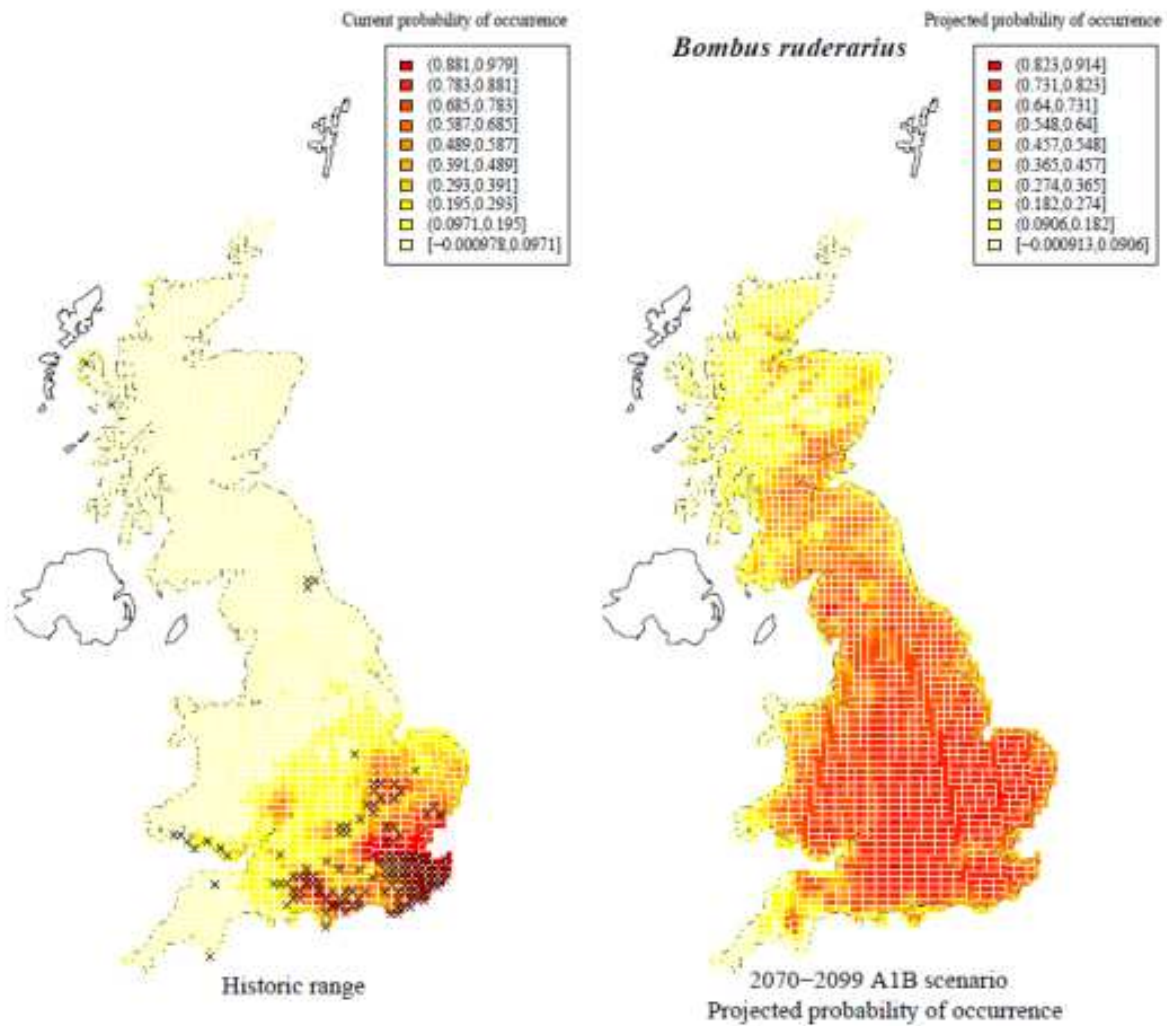
818 **Figure 1.** Summary of the processes involved in the application of the *full risk assessment*

819 (simplified from Thomas et al., 2011), and how those are represented by the various stages of

820 the process. Black boxes indicate the information required prior to risk assessment. Boxes in

821 grey represent the steps of the *simplified risk assessment*.

822



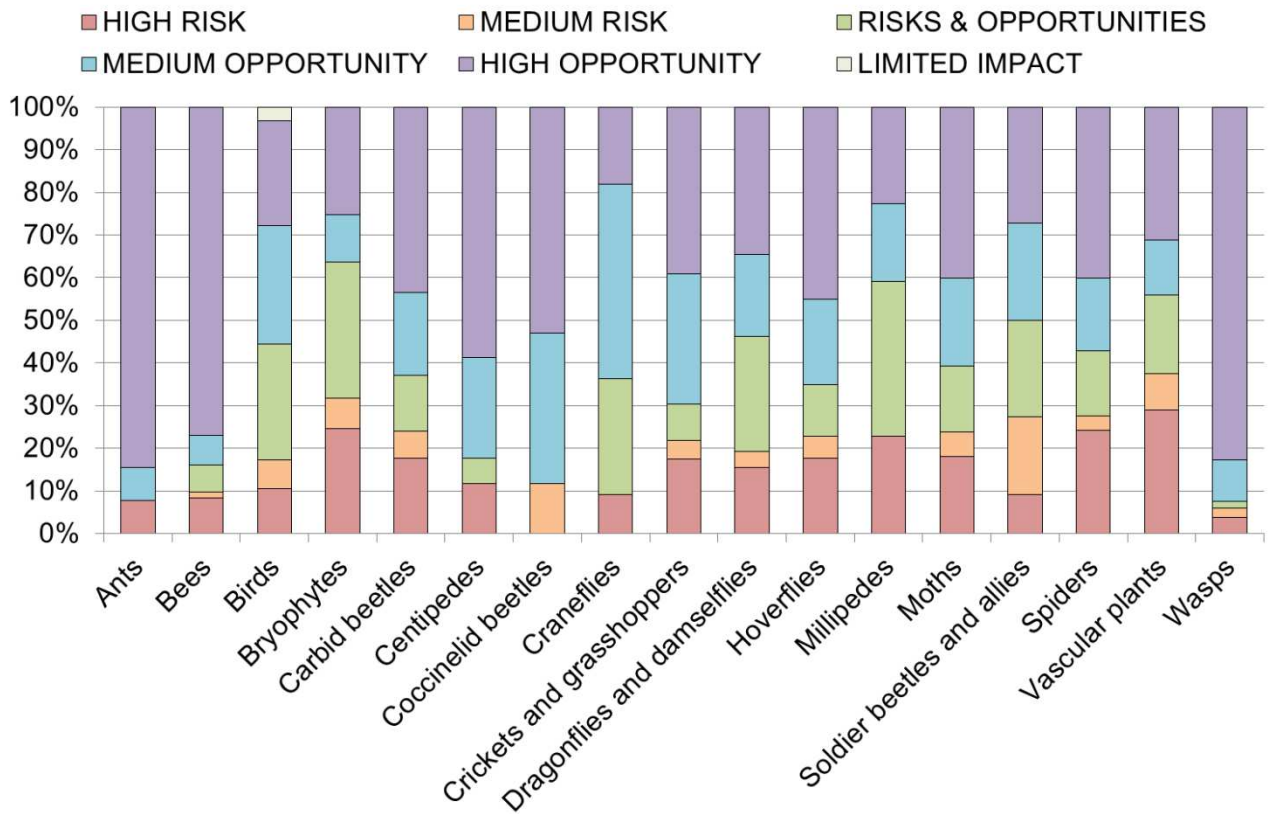
823

824 **Figure 2.** The historic (1970-1990) probability of occurrence of an example species, *Bombus*  
 825 *ruderarius*, (left) and the projected probability of occurrence under a medium emissions A1B  
 826 scenario (right). Black crosses show actual records and coloured squares show modelled  
 827 probability of occurrence.

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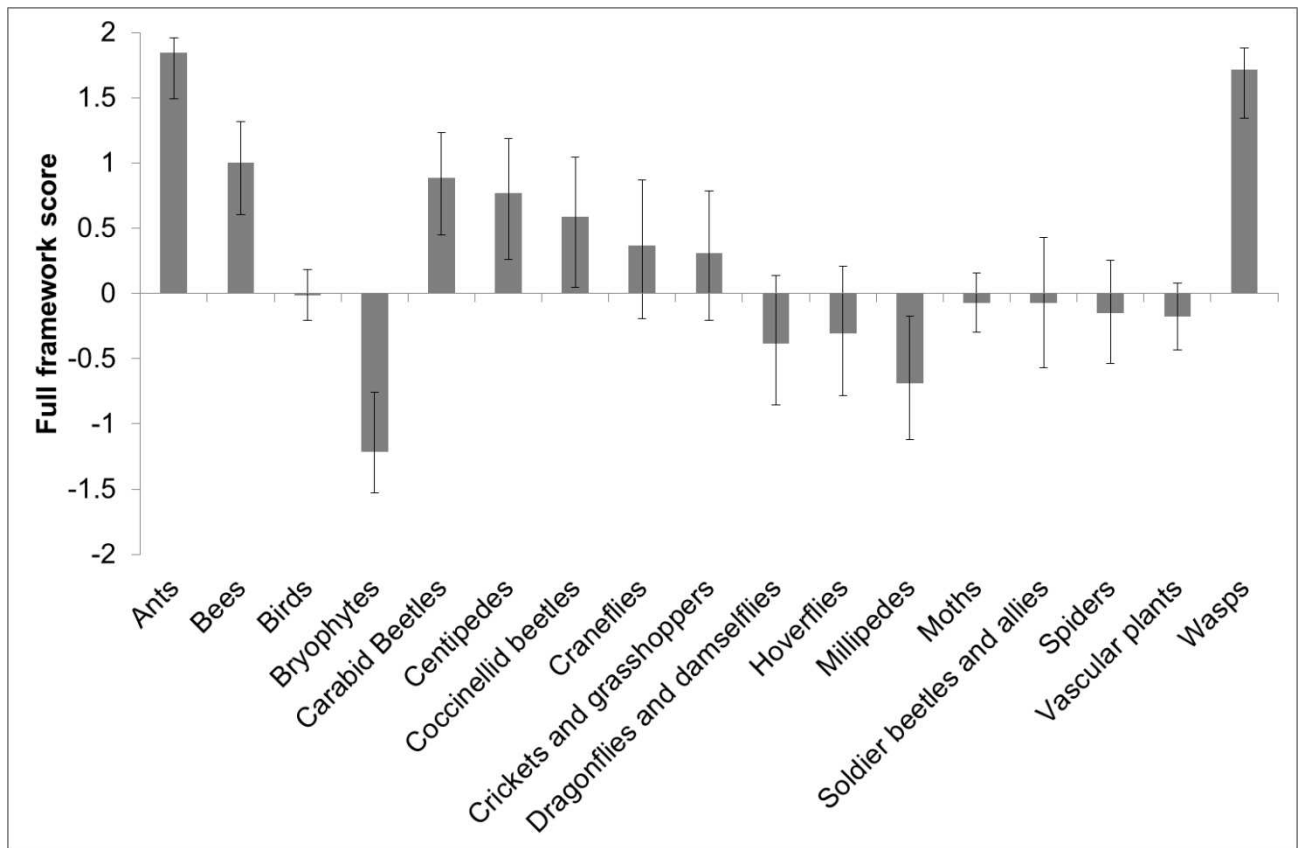


831

832 **Figure 3.** Proportion of species categorised as likely to be at risk or to have an opportunity  
 833 for expansion from climate change, based upon a low emission B1 projection for 2070-2099,  
 834 in different taxonomic groups, as assessed by the *simplified risk assessment*. The sample size  
 835 of species for each group is given in Table 1.

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837  
838

**Figure 4.** Modelled *full risk assessment* score for each taxonomic group, from a GLM

839

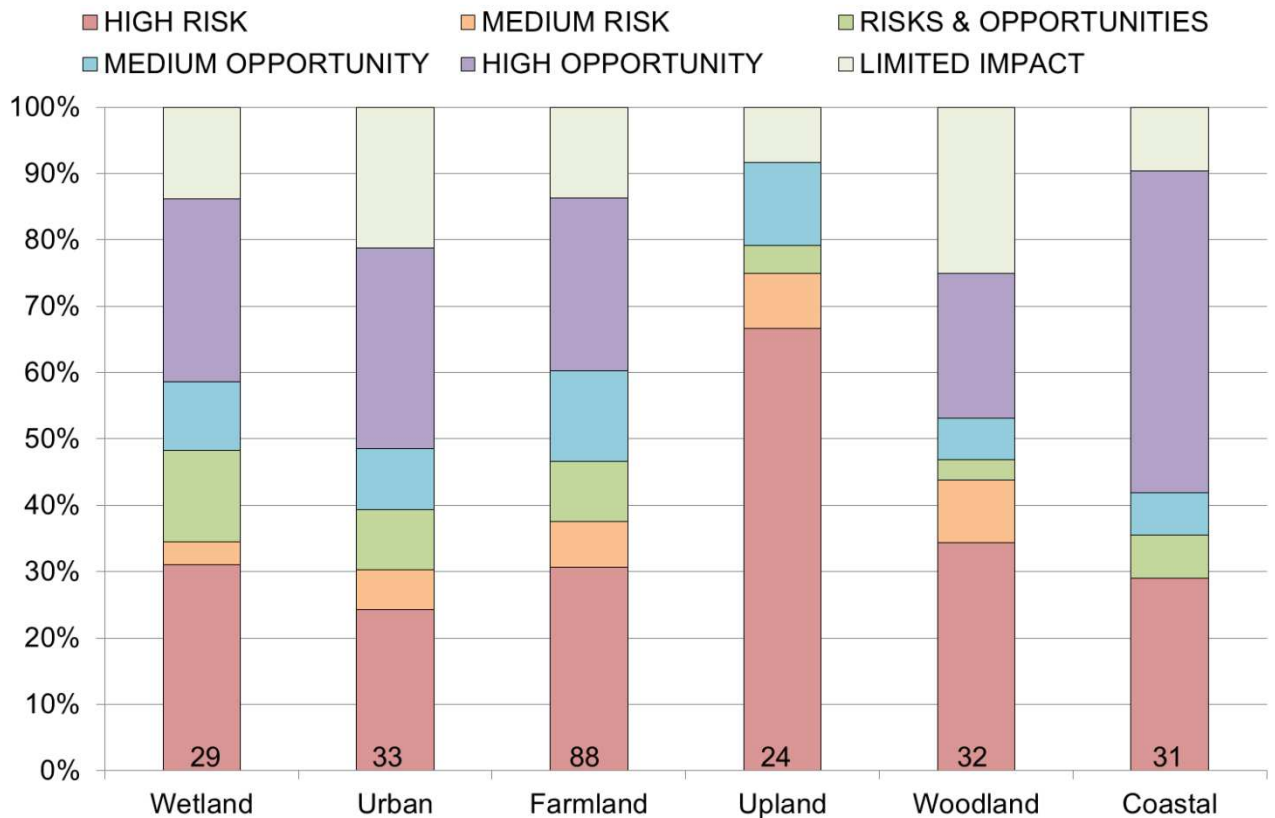
containing taxonomic group and conservation status. Presented are least-square means from

840

the model with standard errors. A score of 2 is equivalent to high opportunity, 1, medium

841

opportunity, 0 risk and opportunity or no impact, -1 medium risk and -2 high risk.



842

843 **Figure 5.** Proportion of species categorised as likely to be at risk from climate change, or to  
 844 have an opportunity, using the *full risk assessment*, according to the habitat each species is  
 845 associated with. The sample size for each habitat is shown by the number on each column.  
 846 About half of species contributed information to more than one habitat. Habitat association  
 847 information was available for the NERC species of conservation concern only. The results are  
 848 based upon a low emission B1 projection for 2070-2099.

## Appendix 1. Bioclimate modelling

To improve the ability of the models to describe associations with climates that are rare or novel for Britain, following Beale et al. (2014), we incorporated data from Europe. European distribution data were acquired from the European Bird Census Council (Hagemeijer & Blair 1997) and the Atlas Florae Europaeae (<http://www.luomus.fi/en/atlas-florae-europaeae-afe-distribution-vascular-plants-europe>) for birds and plants respectively. Iceland and the Faroe Islands were excluded due to their isolation from the rest of Europe, which aided model convergence. Cells east of longitude 29.99° were also excluded to avoid problems of low observer effort. This yielded 2,644 50 km cells across Europe and we identified species' presence within these from the native portions of each species range (excluding locations where European native species have been introduced).

Observed climate data on a 5 km grid from the period 1961-90 were downloaded for Britain from the UK Meteorological Office web site (<http://www.metoffice.gov.uk/climatechange/science/monitoring/ukcp09/>). These were taken to represent the baseline climate that would be used to describe observed baseline species distributions, and were aggregated to a 10 km grid for analysis. Future projection data were downloaded from the UKCP09 user interface (<http://ukclimateprojections-ui.defra.gov.uk>). To ensure that climate data were consistent across adjacent grid cells and that different climate variables were consistent within the same grid cell, we used the Spatially Coherent Projections (Sexton et al., 2010), rescaled to a 10 km resolution to model change. To represent GB climate under global temperature increases of 2°C and 4°C since pre-industrial times, we used 2070-99 for scenarios B1 and A1B respectively (<http://ukclimateprojections.defra.gov.uk/22614>), as equivalent outputs from the more recent RCP scenarios were not available at the time of this work. Projections were based on data

from 11 Regional Climate Model (RCM) ensemble members. For European-scale models, observed climate data from the period 1961-90 were acquired from the Tyndall Centre for Climate Change Research; dataset CRU TS 1.2 (Mitchell 2004). These data were averaged across the required 50 km UTM grid for Europe, and used to calculate the four bioclimatic variables outlined above. Results for the A1B scenario are presented in Tables A1 and A2 for the simplified and full risk assessments respectively.

To test the effect of incorporating European data upon projections for GB, we repeated the models for birds and vascular plants under the A1B scenario using only data for GB. The predicted changes in extent from this model were strongly correlated with predicted changes from models using the European data to generate informative priors ( $r = 0.691$ ,  $n = 532$ ,  $P < 0.0001$ ). There was no significant difference in the relationship between the two measures of projected change between birds and vascular plants ( $F_{1, 528} = 0.052$ ,  $P = 0.82$ ). However, models based on data from GB only tended to result in fewer species showing a potential increase in range (58% forecast to increase using European data compared to 46% from GB only data) which should be remembered when interpreting the results.

**Table A1.** Cross-tabulation of the risks and opportunities associated with the A1B climate change scenario for 2070-2099 for all species based upon the *simplified risk assessment* (see Tables A3 and A4 for the derivation of each category). Values are the numbers of species in each category.

|             |           | RISK      |      |        |     | TOTALS |
|-------------|-----------|-----------|------|--------|-----|--------|
|             |           | VERY HIGH | HIGH | MEDIUM | LOW |        |
| OPPORTUNITY | LOW       | 25        | 1    | 7      | 6   | 39     |
|             | MEDIUM    | 657       | 135  | 475    | 75  | 1,342  |
|             | HIGH      | 31        | 23   | 343    | 135 | 532    |
|             | VERY HIGH | 44        | 48   | 677    | 366 | 1,135  |
|             | TOTALS    | 757       | 207  | 1502   | 582 | 3,048  |

**Table A2.** Cross-tabulation of the risks and opportunities associated with the A1B climate change scenario for 2070-2099 for all species based upon the *full risk assessment*. Values in parentheses are the values for the NERC species of conservation concern only.

|                    |                  | <b>RISK</b>      |             |               |            | <b>TOTAL</b> |
|--------------------|------------------|------------------|-------------|---------------|------------|--------------|
|                    |                  | <b>VERY HIGH</b> | <b>HIGH</b> | <b>MEDIUM</b> | <b>LOW</b> | <b>S</b>     |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | 79 (37)          | 37 (11)     | 18 (6)        | 73 (27)    | 208 (81)     |
|                    | <b>MEDIUM</b>    | 2 (2)            | 2 (0)       | 4 (1)         | 21 (8)     | 28 (11)      |
|                    | <b>HIGH</b>      | 8 (5)            | 7 (3)       | 5 (4)         | 66 (27)    | 86 (39)      |
|                    | <b>VERY HIGH</b> | 6 (4)            | 3 (2)       | 5 (2)         | 66 (16)    | 80 (24)      |
|                    | <b>TOTALS</b>    | 95 (48)          | 50 (16)     | 32 (13)       | 226 (78)   | 402 (155)    |

## **Appendix 2. Correcting for variation in observer effort.**

Mixed-effects models of the probability of occurrence within ‘well-sampled’ 1km squares as a function of time, were used to measure trends in area of occupancy within the baseline historical range, whilst minimising the risk of bias from changing observer effort (Roy et al., 2012). Well-sampled squares were defined as those visited on at least three occasions when at least four species of a particular taxonomic group were recorded. Occurrence was modelled within a generalised linear mixed model with site as a random effect and year as a fixed effect using the function WSS (<https://zenodo.org/record/208752#.WFfNiFOLRQI>). The resulting coefficient of the year term was converted into a percentage decadal change in the estimated probability of occupancy. For poorly-surveyed species, the well-sampled squares we analysed are likely to be a small subset of the true historic range of the species, and so our method assumes that the frequency of species loss from these well surveyed squares accurately represents losses across the true historic range.

More recent data from 1990-2009 were analysed at the hectad resolution to document range change and assess colonisation outside of the historical range. Such analyses controlled for recorder effort, indexed as the proportion of species observed in a hectad relative to the total number of species expected, using the program FRESCALO (Hill 2012) implemented in ‘sparta’ (citation here: <https://zenodo.org/record/208752#.WFfNiFOLRQI>). We selected a threshold of recorder effort of 0.25 (25% of likely species being recorded) to define an ‘adequately sampled’ square. The number of colonised hectads was calculated as the number of hectads occupied in the second time period but not in the first time period, considering only hectads that were ‘adequately sampled’ in both time periods. This was then divided by the number of ‘adequately sampled’ hectads within the home range which were occupied in

the first time period. This overall change was then converted to a decadal percentage change value.



### **Appendix 3. Cross-tabulation of risks and opportunities for the simplified risk assessment**

Observed contractions within the historical range were compared against the magnitude of projected future contractions to assess risk from climate change, whilst observed range expansion was cross-tabulated with the magnitude of projected future range expansion to assess potential risks and opportunities from climate change (Table A3). These outputs were cross-tabulated to provide an overall assessment of risks and opportunities for each species (Figure 1; Table A4).

**Table A3.** Cross-tabulation of likely risks to species (top) and opportunity for species (bottom) from climate change based on observed (rows) and projected (columns) decadal changes in range extent within the current range.

|                          |                    | <b>PROJECTED DECREASE</b> |                    |                    |                   |
|--------------------------|--------------------|---------------------------|--------------------|--------------------|-------------------|
|                          |                    | <b>&gt;7.5 %</b>          | <b>4.0 – 7.5 %</b> | <b>1.0 – 4.0 %</b> | <b>&lt; 1.0 %</b> |
| <b>OBSERVED DECREASE</b> | <b>&gt;7.5 %</b>   | VERY HIGH                 | VERY HIGH          | HIGH               | MEDIUM            |
|                          | <b>4.0 – 7.5 %</b> | VERY HIGH                 | HIGH               | HIGH               | MEDIUM            |
|                          | <b>1.0 – 4.0 %</b> | HIGH                      | HIGH               | MEDIUM             | MEDIUM            |
|                          | <b>&lt; 1.0 %</b>  | MEDIUM                    | MEDIUM             | MEDIUM             | LOW               |

|                          |                    | <b>PROJECTED INCREASE</b> |                    |                    |                   |
|--------------------------|--------------------|---------------------------|--------------------|--------------------|-------------------|
|                          |                    | <b>&gt;7.5 %</b>          | <b>4.0 – 7.5 %</b> | <b>1.0 – 4.0 %</b> | <b>&lt; 1.0 %</b> |
| <b>OBSERVED INCREASE</b> | <b>&gt;7.5 %</b>   | VERY HIGH                 | VERY HIGH          | HIGH               | MEDIUM            |
|                          | <b>4.0 – 7.5 %</b> | VERY HIGH                 | HIGH               | HIGH               | MEDIUM            |
|                          | <b>1.0 – 4.0 %</b> | HIGH                      | HIGH               | MEDIUM             | MEDIUM            |
|                          | <b>&lt; 1.0 %</b>  | MEDIUM                    | MEDIUM             | MEDIUM             | LOW               |

**Table A4.** Cross-tabulation of the risk and opportunities (Table A3) associated with climate change for each species, in order to summarise the risks (columns) and opportunities (rows) for each species.

|                    |                  | <b>RISK</b>         |                     |                     |                    |
|--------------------|------------------|---------------------|---------------------|---------------------|--------------------|
|                    |                  | <b>VERY HIGH</b>    | <b>HIGH</b>         | <b>MEDIUM</b>       | <b>LOW</b>         |
| <b>OPPORTUNITY</b> | <b>LOW</b>       | HIGH RISK           | HIGH RISK           | MEDIUM RISK         | LIMITED IMPACT     |
|                    | <b>MEDIUM</b>    | HIGH RISK           | MEDIUM RISK         | RISKS & OPPORTUNITY | MEDIUM OPPORTUNITY |
|                    | <b>HIGH</b>      | MEDIUM RISK         | RISKS & OPPORTUNITY | MEDIUM OPPORTUNITY  | HIGH OPPORTUNITY   |
|                    | <b>VERY HIGH</b> | RISKS & OPPORTUNITY | MEDIUM OPPORTUNITY  | HIGH OPPORTUNITY    | HIGH OPPORTUNITY   |

## **Appendix 4. Detail of the methods and information required for full risk assessment**

See Figure 1 for an overview of the risk assessment process.

### Stage I.

Distribution change data (Stage I.A) were based on Atlas data (for birds) and modelling of recording scheme data held by Biological Records Centre (BRC) as described above for other taxa. Confidence in all bird trends was assessed as good, based on the high coverage and effort. For other taxa, confidence was assessed as good if the mixed model accounting for recorder effort gave a trend where the upper 80% confidence intervals were in the same impact category as the trend (i.e. we were 80% confident that any observed declines were at least that severe), unless experts highlighted that significant changes in recorder effort, taxonomy or identifiability may have contributed to these trends. The linkage between range decline and climate (Stage I.B) was assessed initially by comparison of the direction of observed and projected declines within the current range. If both were negative then this provided evidence for a link (with poor confidence), if they were contradictory in direction then this provided no evidence for a link and if evidence existed in the published literature for a relationship between climate and population or range change, this was regarded as providing evidence of a link with good confidence. In Stage I.C exacerbating factors and associated confidence were assessed from expert opinion and the scientific literature, with a published study supporting the importance of a particular impact on a species' population or distribution regarded as providing evidence with good confidence.

### Stage II.

Projected declines within the current range were estimated using outputs from species distribution modelling. Confidence in these projections was assigned as 'high' where

projected and recently observed trends were consistent and the confidence intervals of bioclimatic models (median confidence interval across squares divided by the variance) were less than a threshold value of 0.02 (selected from a visual assessment of the spread of values). Confidence was assigned as medium if the confidence interval threshold was met but projected and observed trends were in opposing directions, indicating that non-climatic factors had driven recent trends. Confidence was low if the median weighted confidence interval was  $>0.02$ , suggesting that the model projections were uncertain.

### Stage III.

Stage III.A and III.B were completed as for Stages I.A and I.B, but using information about range expansion rather than contraction. The only difference was that, as described in Thomas et al., (2011), decadal population increases in section III.A were calculated relative to the species' status updated every decade, (as opposed to Stage I.A where changes were calculated relative to the species original status).

### Stage IV.

Stage IV.A was based on bioclimatic projections of range expansion outside the current range, calculated as  $(\text{newly colonised range}) / (\text{newly colonised range} + \text{current range})$ . Confidence was assigned as in Stage II.A. Assessments of exacerbating factors likely to limit range expansion, and our confidence in them (Stage IV.C) were again based on expert knowledge and the literature.

**Table A5.** Summary of the information required at each stage of the full risk assessment  
(summarised and adapted from Thomas et al., 2011)

| Stage            | Data sources and criteria used  |
|------------------|---|
| I.A.impact       | <p>For bird species the decadal decline within current range was calculated from Atlas data between 1990-2010.</p> <p>For all other taxa, a mixed effects model on BRC data controlling for recorder effort was used.</p>             |
| I.A.confidence   | <p>All bird species trends were assigned good confidence.</p> <p>For other taxa, confidence was based on the C. I. from mixed model: if upper 80% C.I. overlaps the next impact category then confidence is poor, otherwise good.</p> |
| I.B.impact       | <p>If both observed trend (I.A.) and projected trend (II.A.) are negative then linkage="Yes". Supplemented with literature review to assess additional linkages with climate</p>  |
| I.B.confidence   | <p>Poor if just assessed by comparison of observed (I.A.) and projected (II.A.) trends.</p> <p>Good if robust evidence identified by literature review.</p>   |
| I.C.i.impact     | <p>Is current extent &lt;20 000km<sup>2</sup>? *</p> <p>Additionally for bird species only: is GB population &lt; 10 000 individuals?</p>   |
| I.C.i.confidence | <p>For bird species generally good.</p> <p>For other taxa: poor if just assessed by using current extent data. Good if robust</p>   |

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evidence identified by literature review or supported by expert opinion.

IC.ii.impact Expert knowledge or evidence from literature review supporting at least one of the factors.

I.Cii.confidence Good if robust evidence from peer-reviewed literature. Poor if based on expert knowledge alone.

For birds, due to generally good understanding of the ecology of these species, experts were asked to assign the confidence level where impact was based on unpublished information.

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II.A.impact Bioclimate model projected change in occupancy within current range

II.A.confidence a) Are bioclimate confidence intervals below a threshold value (see main text)?

b) Is direction of projected trends (II.A.) in same direction as observed trend (I.A.)?

For bird species: Yes to a)&b) = good, yes to a) only =medium, no to a) =poor.

For other taxa: Yes to a)&b) = good, yes to a) or b) only =medium, no to a) & b) =poor.

II.B. Not applicable

II.C.i.impact As I.C.i

II.Ci.confidence As I.C.i

II.C.ii.impact As I.C.ii

II.Cii.confidence As I.C.ii

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III.A.impact For bird species: decadal increase outside previous range was calculated from Atlas data between 1990 and 2010.

Other taxa: mixed model of BRC data of observed increases beyond species' recent historical range\*\* controlling for recorder effort

III.A.confidence All bird species trends were assigned with good confidence.

For other taxa: the model output was compared across 3 different levels of recorder effort - if the level of recorder effort changes the impact category then confidence is poor, otherwise assigned as good.

III.B.impact If both observed trend (III.A.) and projected trend (IV.A.) are positive then linkage="Yes". Supplemented with literature review to assess additional linkages with climate.

III.B.confidence Poor if just assessed by comparing observed (III.A.) and projected trends (IV.A.). Good if robust evidence identified in literature review.

III.C. Not applicable

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IV.A.impact Bioclimate model projected change in occupancy outside the current range

IV.A.confidence As II.A.

IV.B. Not applicable

IV.C.i. impact As I.C.ii

IV.C.i. confidence As I.C.ii

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IV.C.ii. impact      As I.C.ii

IV.C.ii.confidence      As I.C.ii

IV.C.iii. impact      As I.C.ii

IV.C.iii.confidence      As I.C.ii

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Note we occasionally changed confidence levels in Stage A (usually 1.A.) if experts highlighted concerns regarding distribution data, e.g. significant changes in recorder effort, recent taxonomic splits, issues regarding taxonomic identification etc.

\*Current extent is calculated by bioclimate model: probability of a cell being occupied multiplied by the area of a cell = current extent (possible area occupied)

\*\*Number of newly occupied cells outside the current range as a percentage of cells inside current range.

## **Appendix 5. Species outcomes from the simplified risk assessment**

## **Appendix 6. Species outcomes from the full risk assessment**

| Group | Latin name         | English name | NERC species | Observed decline | Projected decline | Risk of decline | Observed expansion |
|-------|--------------------|--------------|--------------|------------------|-------------------|-----------------|--------------------|
| Ants  | <i>Formica cu</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Formica fu</i>  | Negro Ant    |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Formica sai</i> | NA           |              | 0 -7.5 to -4%    | < -7.5%           | VERY HIGH       | > +7.5%            |
| Ants  | <i>Lasius ali</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Lasius fla</i>  | Yellow Meac  |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Ants  | <i>Lasius mix</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | +1 to +4%          |
| Ants  | <i>Lasius nig</i>  | Small Black  |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Leptothora</i>  | Slender Ant  |              | 0 > -1%          | -4 to -1%         | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica ru</i>  | Red Ant      |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica ru</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Myrmica sai</i> | NA           |              | 0 > -1%          | -4 to -1%         | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica sci</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica sci</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena al</i>  | NA           |              | 0 < -7.5%        | -4 to -1%         | HIGH            | > +7.5%            |
| Bees  | <i>Andrena an</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +1 to +4%          |
| Bees  | <i>Andrena ap</i>  | NA           |              | 0 > -1%          | < -7.5%           | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ar</i>  | NA           |              | 0 > -1%          | < -7.5%           | MODERATE        | +1 to +4%          |
| Bees  | <i>Andrena ba</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena bi</i>  | Gwynne's Mi  |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena bi</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | +4 to +7.5%        |
| Bees  | <i>Andrena bu</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | +4 to +7.5%        |
| Bees  | <i>Andrena ch</i>  | NA           |              | 0 -4 to -1%      | -7.5 to -4%       | HIGH            | > +7.5%            |
| Bees  | <i>Andrena ci</i>  | Grey Mining  |              | 0 < -7.5%        | -7.5 to -4%       | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena co</i>  | NA           |              | 0 < -7.5%        | < -7.5%           | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena co</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena dei</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Bees  | <i>Andrena do</i>  | NA           |              | 0 > -1%          | < -7.5%           | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena fl</i>  | Yellow Leg   |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena fu</i>  | NA           |              | 0 < -7.5%        | < -7.5%           | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena fu</i>  | Tawny Minir  |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena fu</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena fu</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena ha</i>  | Early Minir  |              | 0 -4 to -1%      | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ha</i>  | NA           |              | 0 < -7.5%        | < -7.5%           | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena he</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Bees  | <i>Andrena hu</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Bees  | <i>Andrena la</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena la</i>  | Girdled Mir  |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena la</i>  | NA           |              | 0 < -7.5%        | -7.5 to -4%       | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena mi</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena mi</i>  | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ni</i>  | NA           |              | 0 -7.5 to -4%    | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ov</i>  | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |

|      |                                 |   |             |           |          |             |
|------|---------------------------------|---|-------------|-----------|----------|-------------|
| Bees | <i>Andrena pi</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Andrena pr</i> .NA           | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Andrena pr</i> .NA           | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Andrena sc</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Andrena su</i> .NA           | 0 | > -1%       | < -7.5%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena sy</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Andrena ta</i> .Tormentil M  | 1 | < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Bees | <i>Andrena th</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Andrena ti</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Andrena tr</i> .Trimmer's M  | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Andrena va</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Andrena wi</i> .NA           | 0 | -4 to -1%   | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Anthidium i</i> .Wool-Carder | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Anthophora</i> NA            | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Anthophora</i> Fork Tailec   | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Anthophora</i> Hairy Footc   | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Anthophora</i> NA            | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Apis melli</i> .Honey Bee    | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Bombus hor</i> .Small Garde  | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Bombus hum</i> .NA           | 1 | > -1%       | < -7.5%   | MODERATE | > +7.5%     |
| Bees | <i>Bombus jon</i> .Heath Bumb   | 0 | > -1%       | -4 to -1% | MODERATE | > +7.5%     |
| Bees | <i>Bombus lap</i> .Large Red 1  | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Bombus luc</i> .White-Taile  | 0 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Bombus magi</i> .NA          | 0 | < -7.5%     | < -7.5%   | MODERATE | > +7.5%     |
| Bees | <i>Bombus mon</i> .Mountain Bu  | 0 | > -1%       | < -7.5%   | MODERATE | > +7.5%     |
| Bees | <i>Bombus mus</i> .Moss Carder  | 1 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Bombus pas</i> .Common Carc  | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Bombus pra</i> .Early Bumb   | 0 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Bombus rud</i> .NA           | 1 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Bombus syl</i> .NA           | 1 | > -1%       | > -1%     | LOW      | < +1%       |
| Bees | <i>Bombus ter</i> .Buff-Tailec  | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Chelostoma</i> Harebell Ca   | 0 | -7.5 to -4% | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Coelioxys i</i> .NA          | 0 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Coelioxys i</i> .NA          | 0 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Coelioxys i</i> .NA          | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Colletes d</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Colletes h</i> .Sea-aster C  | 1 | < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Bees | <i>Colletes m</i> .Margined Cc  | 0 | < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Bees | <i>Colletes s</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Bees | <i>Colletes si</i> .NA          | 0 | > -1%       | > -1%     | LOW      | +1 to +4%   |
| Bees | <i>Epeolus cr</i> .NA           | 0 | > -1%       | > -1%     | LOW      | > +7.5%     |
| Bees | <i>Epeolus va</i> .NA           | 0 | -7.5 to -4% | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Halictus c</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Bees | <i>Halictus r</i> .NA           | 0 | < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Halictus t</i> .NA           | 0 | -7.5 to -4% | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Hoplitis c</i> .NA           | 0 | -4 to -1%   | > -1%     | MODERATE | > +7.5%     |
| Bees | <i>Hoplitis s</i> .NA           | 0 | > -1%       | < -7.5%   | MODERATE | > +7.5%     |

|      |                                |               |             |           |             |
|------|--------------------------------|---------------|-------------|-----------|-------------|
| Bees | <i>Hylaeus an</i> NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Hylaeus br</i> Short Horne  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus co</i> Common Yell  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus co</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus hy</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus pe</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bees | <i>Hylaeus pi</i> NA           | 0 -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bees | <i>Hylaeus si</i> Large Yellc  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasioglossi</i> Slender Mir | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasioglossi</i> Least Minir | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasioglossi</i> Brassy Mini | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bees | <i>Lasioglossi</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasioglossi</i> NA          | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasioglossi</i> Shaggy Mini | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Macropis e</i> NA           | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bees | <i>Megachile</i> Patchwork I   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Megachile</i> Wood-Carvir   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Megachile</i> NA            | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Megachile</i> Willughby's   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Melecta al</i> NA           | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Melitta ha</i> NA           | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Melitta le</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fab</i> Fabricius'   | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fla</i> NA           | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fla</i> NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Nomada fla</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fuc</i> NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Nomada goo</i> Gooden's Nc  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Nomada lat</i> NA           | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Nomada leu</i> NA           | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bees | <i>Nomada mar</i> Marsham's N  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada pan</i> NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bees | <i>Nomada ruf</i> Red-Horned   | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bees | <i>Nomada she</i> Dark Nomad   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada str</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|       |                    |                      |   |             |             |           |             |
|-------|--------------------|----------------------|---|-------------|-------------|-----------|-------------|
| Bees  | <i>Osmia auru</i>  | Gold-Fringe          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Osmia bico</i>  | Two Coloured         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bees  | <i>Osmia rufa</i>  | Red Mason            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Panurgus c</i>  | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes i</i> | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Stelis orn</i>  | NA                   | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bees  | <i>Stelis pun</i>  | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Accipiter i</i> | Goshawk              | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Accipiter i</i> | Sparrowhawk          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Acrocephal</i>  | Sedge Warbler        | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Acrocephal</i>  | Reed Warbler         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Actitis hy</i>  | Common Sandpiper     | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Aegithalos</i>  | Long-tailed Tit      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Aix galeri</i>  | Mandarin Duck        | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Alauda arv</i>  | Skylark              | 1 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Alca torda</i>  | Razorbill            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Alcedo att</i>  | Kingfisher           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Alectoris i</i> | Red-legged Partridge | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Anas acuta</i>  | Pintail              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Anas clype</i>  | Shoveler             | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Anas crecc</i>  | Teal                 | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Anas penel</i>  | Wigeon               | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Anas platy</i>  | Mallard              | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Anas querq</i>  | Garganey             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Anas strep</i>  | Gadwall              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Anser anse</i>  | Greylag Goose        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Anthus pet</i>  | Rock Pipit           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Anthus pra</i>  | Meadow Pipit         | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Anthus tri</i>  | Tree Pipit           | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Apus apus</i>   | Swift                | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Aquila chr</i>  | Golden Eagle         | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Ardea cine</i>  | Grey Heron           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Asio flamm</i>  | Short-eared Owl      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Asio otus</i>   | Long-eared Owl       | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Athene noc</i>  | Little Owl           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |

|       |   |   |             |             |           |             |
|-------|---|---|-------------|-------------|-----------|-------------|
| Birds | <i>Aythya fer.</i> Pochard                      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Aythya ful.</i> Tufted Duck                  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Botaurus s.</i> Bittern                      | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Branta can.</i> Canada Goose                 | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Branta leu.</i> Barnacle Goose               | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Bucephala a.</i> Goldeneye                   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Burhinus o.</i> Stone-curlew                 | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Buteo bute.</i> Buzzard                      | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Calidris a.</i> Dunlin                       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Birds | <i>Caprimulgus.</i> Nightjar                    | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Carduelis l.</i> Lesser Redpoll              | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Carduelis l.</i> Linnet                      | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Carduelis g.</i> Goldfinch                   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Carduelis g.</i> Greenfinch                  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Carduelis t.</i> Twite                       | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Carduelis s.</i> Siskin                      | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Cephus gr.</i> Black Gull                    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Birds | <i>Certhia fa.</i> Treecreeper                  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <b>Cettia cetti</b> Cetti's Warbler             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Charadrius l.</i> Little Ringed Plover       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Charadrius r.</i> Ringed Plover              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Charadrius d.</i> Dotterel                   | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds | <i>Chroicocephalus b.</i> Black-headed Gull     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Chrysolophus g.</i> Golden Pheasant          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Cinclus ci.</i> Dipper                       | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Circus aer.</i> Marsh Harrier                | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Circus cya.</i> Hen Harrier                  | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <b>Circus pyga</b> Montagu's Harrier            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Coccothraustes v.</i> Hawfinch               | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <b>Columba liv.</b> Feral Pigeon                | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Columba o.</i> Stock Dove                    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Columba pa.</i> Woodpigeon                   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Corvus cor.</i> Raven                        | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Corvus cor.</i> Carrion Crow                 | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Corvus fru.</i> Rook                         | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Corvus mon.</i> Jackdaw                      | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds | <i>Coturnix c.</i> Quail                        | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Crex crex.</i> Corncrake                     | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Cuculus ca.</i> Cuckoo                       | 1 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Birds | <i>Cyanistes b.</i> Blue Tit                    | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Cygnus olo.</i> Mute Swan                    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Delichon u.</i> House Martin                 | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Dendrocopos m.</i> Great Spotted Woodpecker  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Dendrocopos l.</i> Lesser Spotted Woodpecker | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Emberiza c.</i> Corn Bunting                 | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Emberiza c.</i> Cirl Bunting                 | 1 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Emberiza c.</i> Yellowhammer                 | 1 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |



|       |                                  |   |             |             |           |             |
|-------|----------------------------------|---|-------------|-------------|-----------|-------------|
| Birds | <i>Emberiza s</i> Reed Buntin    | 1 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Erithacus i</i> Robin         | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds | <i>Falco colu</i> Merlin         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Birds | <i>Falco pereg</i> Peregrine     | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Falco subbi</i> Hobby         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Falco tinn</i> Kestrel        | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Ficedula h</i> Pied Flycat    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Fratercula</i> Puffin         | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Fringilla i</i> Chaffinch     | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds | <i>Fulica atr</i> Coot           | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Fulmarus g</i> Fulmar         | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Gallinago i</i> Snipe         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Gallinula i</i> Moorhen       | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Garrulus g</i> Jay            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Haematopus</i> Oystercatch    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Hirundo ru</i> Swallow        | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Hydrobates</i> Storm Petre    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Lagopus la</i> Red Grouse     | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Birds | <i>Lanius col</i> Red-backed     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Larus arge</i> Herring Gul    | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Larus canu</i> Common Gull    | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Larus fusc</i> Lesser Blac    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Larus mari</i> Great Black    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Larus melai</i> Mediterrane   | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Limosa lim</i> Black-taile    | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <b>Locustella lt</b> Savi's Wart | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Locustella</i> Grasshopper    | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Loxia spp.</i> Crossbill s    | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Lullula ar</i> Woodlark       | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Luscinia m</i> Nightingale    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Mergus mer</i> Goosander      | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Mergus ser</i> Red-breaste    | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Morus bass</i> Gannet         | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Birds | <b>Motacilla all</b> Pied Wagta  | 0 | < -7.5%     | -7.5 to -4% | LOW       | +1 to +4%   |
| Birds | <i>Motacilla i</i> Grey Wagtai   | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Motacilla i</i> Yellow Wagt   | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Muscicapa i</i> Spotted Fly   | 1 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Numenius a</i> Curlew         | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Oenanthe o</i> Wheatear       | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Oxyura jam</i> Ruddy Duck     | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Panurus bi</i> Bearded Tit    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Parus majo</i> Great Tit      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Passer dom</i> House Sparr    | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Passer mon</i> Tree Sparro    | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Perdix per</i> Grey Partri    | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Periparus i</i> Coal Tit      | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Phalacroco</i> Shag           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |

|       |  |   |             |             |           |             |
|-------|--|---|-------------|-------------|-----------|-------------|
| Birds | <i>Phalacrocorax</i> Cormorant                 | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Phasianus</i> Pheasant                      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Philomachus</i> Ruff                        | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Phoenicurus</i> Black Redstart              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Phoenicurus</i> Redstart                    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Phylloscopus</i> Chiffchaff                 | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Phylloscopus</i> Wood Warbler               | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Phylloscopus</i> Willow Warbler             | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Pica pica</i> Magpie                        | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Picus viridis</i> Green Woodpecker          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Pluvialis</i> Golden Plover                 | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Birds | <i>Podiceps cornutus</i> Great Crested Grebe   | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Poecile montanus</i> Willow Tit             | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Poecile palustris</i> Marsh Tit             | 1 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Porzana porzana</i> Spotted Cranes          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Prunella montanana</i> Dunnock              | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Psittacula krameri</i> Ring-necked Pheasant | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Puffinus puffinus</i> Manx Shearwater       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Pyrrhula pyrrhula</i> Bullfinch             | 1 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Rallus aquatilis</i> Water Rail             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Recurvirostra</i> Avocet                    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Regulus ignicapilla</i> Firecrest           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Regulus regulus</i> Goldcrest               | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Birds | <i>Riparia riparia</i> Sand Martin             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Rissa tridactyla</i> Kittiwake              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Saxicola rubra</i> Whinchat                 | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Saxicola torquata</i> Stonechat             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Scolopax rusticicola</i> Woodcock           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Sitta europaea</i> Nuthatch                 | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Somateria mollissima</i> Eider              | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sterna dougalli</i> Roseate Tern            | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sterna hirsuta</i> Common Tern              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sterna parvirostris</i> Arctic Tern         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Sterna sandvicensis</i> Sandwich Tern       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sternula albifrons</i> Little Tern          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Streptopelia turtur</i> Collared Dove       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Streptopelia risoria</i> Turtle Dove        | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Strix aluco</i> Tawny Owl                   | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Sturnus vulgaris</i> Starling               | 1 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds | <i>Sylvia atricapilla</i> Blackcap             | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Sylvia borin</i> Garden Warbler             | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Birds | <i>Sylvia communis</i> Whitethroat             | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Sylvia curruca</i> Lesser Whitethroat       | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Sylvia undata</i> Dartford Warbler          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Tachybaptus rufipalms</i> Little Grebe      | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Tadorna tadorna</i> Shelduck                | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Tetrao tetrix</i> Black Grouse              | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|            |                                  |   |             |             |           |             |
|------------|----------------------------------|---|-------------|-------------|-----------|-------------|
| Birds      | <i>Tringa tot.</i> Redshank      | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds      | <i>Troglodyte.</i> Wren          | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds      | <i>Turdus ili.</i> Redwing       | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds      | <i>Turdus meri.</i> Blackbird    | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds      | <i>Turdus phi.</i> Song Thrush   | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds      | <i>Turdus pil.</i> Fieldfare     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds      | <i>Turdus tor.</i> Ring Ouzel    | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Birds      | <i>Turdus vis.</i> Mistle Thrush | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds      | <i>Tyto alba.</i> Barn Owl       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds      | <i>Uria aalge.</i> Guillemot     | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds      | <i>Vanellus v.</i> Lapwing       | 1 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes | <i>Abietinella.</i> Prickly Tar  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Adelanthus.</i> Deceptive F   | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes | <i>Aloina alo.</i> Common Aloe   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes | <i>Amblystegi.</i> Creeping Fe   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes | <i>Amblystegi.</i> NA            | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes | <i>Amphidium.</i> Lapland Yof    | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Amphidium.</i> Mougeot's S    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Anastrepta.</i> Orkney Notc   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Anastrophy.</i> Heller's Nc   | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes | <i>Anastrophy.</i> Comb Notchv   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Andreaea a.</i> Alpine Rock   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> Dusky Rock-   | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> NA            | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> Black Rock-   | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes | <i>Andreaea r.</i> NA            | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Aneura pin.</i> Greasewort    | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes | <i>Anoetangi.</i> Summer-moss    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Anomobryum.</i> NA            | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Anomodon v.</i> Rambling Tc   | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes | <i>Anthelia j.</i> Alpine Silv   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Anthoceros.</i> Dotted Horr   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes | <i>Antitrichi.</i> Pendulous V   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes | <i>Aphanolejei.</i> Long-leaved  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Atrichum c.</i> Fountain Sm   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes | <i>Atrichum u.</i> Common Smoc   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes | <i>Atrichum u.</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes | <i>Aulacomniu.</i> Bud-headed    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Bryophytes | <i>Aulacomniu.</i> Bog Groove-   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes | <i>Barbilopho.</i> Atlantic Pa   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Barbilopho.</i> Bearded Pav   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes | <i>Barbilopho.</i> Common Pawv   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Barbilopho.</i> Hatcher's F   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes | <i>Barbula coi.</i> Lesser Birc  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes | <i>Barbula coi.</i> NA           | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes | <i>Barbula un.</i> Bird's-clav   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |

|  |   |             |             |           |             |
|--|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Bartramia</i> Haller's Apr         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Bartramia</i> Straight-le          | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bartramia</i> Common Appl          | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bazzania</i> Lesser Whip           | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Bazzania</i> Greater Whi           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Blasia</i> pus.Common Kett         | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Blepharost</i> Hairy Threa         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Blindia</i> aciSharp-leave         | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Brachydont</i> .Bristle-lea        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Brachythec</i> .Whitish Fea        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Brachythec</i> .Sand Feathe        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Brachythec</i> .River Feath        | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Brachythec</i> .Rough-stalk        | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Brachythec</i> .Smooth-stal        | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Breutel</i> ia Golden-head         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryoerythr</i> Rufous Bear         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>alpi</i> Alpine Thre  | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>argei</i> Silver-moss | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>borni</i> Potato Bryu | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Bryum</i> <i>caesi</i> Tufted Thre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>caesi</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>dich</i> Bicoloured   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>dich</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Bryum</i> <i>gemm</i> .Small-bud F | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>mora</i> Flabby Thre  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>palli</i> Pale Threa  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>pseu</i> Marsh Bryum  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>pseu</i> NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>pseu</i> NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>radi</i> Wall Threa   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>rubei</i> Crimson-tu  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calli</i> ergon Heart-leave        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Calli</i> ergon Giant Spear        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Calli</i> ergon Lindberg's         | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> Notched Pou         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> Common Pouc         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> Mueller's F         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> Nees' Pouch         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Calypogeia</i> Bog Pouchw          | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Bryophytes <i>Campyl</i> ide.Golden Feat         | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Campylium</i> .Yellow Star         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Campylium</i> .NA                  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Campyl</i> ophy.Chalk Feath        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Campyl</i> opus Bristly Swa        | 0 | -4 to -1%   | < -7.5%     | HIGH      | +4 to +7.5% |
| Bryophytes <i>Campyl</i> opus Compact Swa        | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Campyl</i> opus Rusty Swan-        | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Campyl</i> opus Brittle Swa        | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Bryophytes <i>Campylopus</i> Heath Star    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Campylopus</i> Dwarf Swan-   | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Cephalozia</i> Two-horned    | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Cephalozia</i> Chain Pince   | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | +1 to +4%   |
| Bryophytes <i>Cephalozia</i> Moon-leaved   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Cephalozie</i> .Common Three | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Cephalozie</i> .Hampe's Thr  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Ceratodon</i> Redshank [r    | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Chiloscyph</i> St Winifric   | 0 -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Cirriphyll</i> Beech Feath   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Cirriphyll</i> Hair-pointe   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Cladopodie</i> .Bog Notchw   | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Climacium</i> Tree-moss      | 0 -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Cololejeun</i> Rock Pounce   | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Cololejeun</i> Minute Pour   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Cololejeun</i> Rossetti's    | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Colura cal</i> Fingered Co   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Conocephal</i> Great Scent   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Conostomum</i> Helmet-moss   | 0 > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Cratoneuroi</i> Fern-leaved  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Cratoneuroi</i> NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Cryphaea h</i> Lateral Cry   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ctenidium</i> Chalk Comb-    | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Ctenidium</i> NA             | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Cynodontiu</i> Brunton's I   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Dialytrich</i> .Pointed Lat  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Dichodonti</i> Marsh Forkl   | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dichodonti</i> NA            | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dichodonti</i> Transparent   | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Dicranella</i> Rufous Forkl  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Dicranella</i> Field Forkl   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Dicranella</i> Variable Fo   | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Dicranowei</i> .Common Pinc  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Dicranowei</i> .Mountain Pi  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dicranum f</i> .Whip Fork-r  | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Dicranum fi</i> Dusky Fork-  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Dicranum fi</i> NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Dicranum m</i> Greater For   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Dicranum s</i> Broom Fork-   | 0 -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dicranum s</i> Scott's For   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Dicranum s</i> Rusty Fork-   | 1 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Dicranum t</i> Fragile For   | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Didymodon</i> Pointed Bea    | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Didymodon</i> Fallacious     | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> .Cylindric F   | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Didymodon</i> .Dusky Bearc   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> Nicholson's    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Bryophytes <i>Didymodon</i> Rigid Beard      | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> Wavy Beard       | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Didymodon</i> Brown Beard      | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Didymodon</i> Shady Beard      | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> Soft-tufted      | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Diphyscium</i> Nut-moss        | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Diplophyll</i> White Earwort   | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Distichium</i> Fine Distich    | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Ditrichum</i> NA               | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Ditrichum</i> Bendy Ditrich    | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ditrichum</i> Curve-leave      | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Douinia ov</i> Waxy Earwort    | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Drepanocla</i> Fertile Feather | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Drepanolej</i> Toothed Pouch   | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Encalypta</i> Ribbed Extinct   | 0 < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes <i>Encalypta</i> Spiral Extinct   | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Encalypta</i> Common Extinct   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Entodon co</i> Montagne's      | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Entosthodoi</i> Thin Cord-moss | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Entosthodoi</i> Muhlenberg's   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Entosthodoi</i> Blunt Cord-    | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Ephemerum</i> NA               | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Ephemerum</i> Strap-leave      | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Ephemerum</i> Serrated Ear     | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Eremonotus</i> Clubwort        | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Eurhynchiu</i> Common Stripl   | 0 > -1%       | > -1%       | LOW       | < +1%       |
| Bryophytes <i>Fissidens</i> NA               | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> Maidenhair       | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Fissidens</i> Lesser Pocket    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Fissidens</i> Curnow's Pocket  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> Welsh Pocket     | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Fissidens</i> Fatfoot Pocket   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> Rock Pocket      | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> Slender Pocket   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> Narrow-leave     | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Fissidens</i> Short-leave      | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Fissidens</i> Purple-stal      | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> Petty Pocket     | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> River Pocket     | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> Beck Pocket      | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Fissidens</i> Common Pocket    | 0 -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Fissidens</i> NA               | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> Green Pocket     | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> NA               | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Bryophytes <i>Fontinalis</i> Greater Water   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fossombron</i> Common Frill    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Fossombron</i> NA              | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |

|   |           |             |           |             |             |
|---|-----------|-------------|-----------|-------------|-------------|
| Bryophytes <i>Frullania</i> Dilated Scal  | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Frullania</i> Spotty Scal   | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Frullania</i> Tamarisk Sc   | 0         | -7.5 to -4% | -4 to -1% | HIGH        | +4 to +7.5% |
| Bryophytes <i>Frullania</i> Sea Scalew    | 0 < -7.5% | -7.5 to -4% | VERY HIGH | +1 to +4%   |             |
| Bryophytes <i>Funaria hy</i> Common Corc  | 0 > -1%   | > -1%       | LOW       | +1 to +4%   |             |
| Bryophytes <i>Grimmia doi</i> Donn's Grin | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Grimmia fu</i> String Grin  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Grimmia li</i> NA           | 0 > -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |             |
| Bryophytes <i>Grimmia pu</i> Grey-cushic  | 0 > -1%   | > -1%       | LOW       | +4 to +7.5% |             |
| Bryophytes <i>Grimmia ra</i> Spreading-l  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Grimmia to</i> Twisted Gri  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Grimmia tr</i> NA           | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Gymnocolea</i> Inflated No  | 0 > -1%   | -4 to -1%   | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Gymnomitri</i> Braided Fro  | 0 < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |             |
| Bryophytes <i>Gymnomitri</i> Western Fro  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Gymnomitri</i> White Frost  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Gymnostomu</i> Verdigris 1  | 0 > -1%   | -7.5 to -4% | MODERATE  | +4 to +7.5% |             |
| Bryophytes <i>Gymnostomu</i> Blunt-leaf   | 0 < -7.5% | -7.5 to -4% | VERY HIGH | +1 to +4%   |             |
| Bryophytes <i>Gymnostomu</i> Luisier's 1  | 0 > -1%   | -4 to -1%   | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Gyroweisia</i> Slender Stu  | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Hamatocaul</i> Varnished F  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Harpalejeu</i> Pointed Pou  | 0 > -1%   | < -7.5%     | MODERATE  | +4 to +7.5% |             |
| Bryophytes <i>Harpanthus</i> Stipular Fl  | 0 > -1%   | -7.5 to -4% | MODERATE  | +1 to +4%   |             |
| Bryophytes <i>Hedwigia c</i> NA           | 0 < -7.5% | -7.5 to -4% | VERY HIGH | < +1%       |             |
| Bryophytes <i>Hedwigia s</i> Starry Hoar  | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Hennediell</i> Stanford Sc  | 0 > -1%   | < -7.5%     | MODERATE  | +4 to +7.5% |             |
| Bryophytes <i>Herbertus</i> Straw Prong   | 0 > -1%   | < -7.5%     | MODERATE  | +4 to +7.5% |             |
| Bryophytes <i>Heteroclad</i> Wry-leaved   | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |             |
| Bryophytes <i>Heteroclad</i> NA           | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Heteroclad</i> NA           | 0 < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |             |
| Bryophytes <i>Homalia tr</i> Blunt Feath  | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Homalothec</i> Yellow Feat  | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Homalothec</i> Silky Wall   | 0 > -1%   | > -1%       | LOW       | +1 to +4%   |             |
| Bryophytes <i>Hookeria l</i> Shining Hoc  | 0 > -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |             |
| Bryophytes <i>Hygroambly</i> Fountain Fe  | 0 < -7.5% | -7.5 to -4% | VERY HIGH | > +7.5%     |             |
| Bryophytes <i>Hygroambly</i> Willow Feat  | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Hygrobiell</i> Lax Notchw   | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |             |
| Bryophytes <i>Hygrohypnu</i> Claw Brook-  | 0 > -1%   | < -7.5%     | MODERATE  | +1 to +4%   |             |
| Bryophytes <i>Hylocomias</i> Shaded Wood  | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |             |
| Bryophytes <i>Hylocomium</i> Glittering   | 0 > -1%   | -7.5 to -4% | MODERATE  | +4 to +7.5% |             |
| Bryophytes <i>Hyocomium</i> Flagellate    | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |             |
| Bryophytes <i>Hypnum and</i> Mamillate F  | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Hypnum cal</i> Downy Plait  | 0 > -1%   | < -7.5%     | MODERATE  | +4 to +7.5% |             |
| Bryophytes <i>Hypnum cup</i> NA           | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |             |
| Bryophytes <i>Hypnum cup</i> NA           | 0 < -7.5% | -7.5 to -4% | VERY HIGH | +1 to +4%   |             |
| Bryophytes <i>Hypnum cup</i> Great Plait  | 0 > -1%   | > -1%       | LOW       | > +7.5%     |             |
| Bryophytes <i>Hypnum cup</i> Supine Plai  | 0 > -1%   | > -1%       | LOW       | +4 to +7.5% |             |

|   |             |             |           |             |
|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Hypnum jut.</i> Heath Plait | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Isopterygi</i> Neat Silk-r  | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> Larger Mous  | 0 < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> Holt's Mous  | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> Slender Mou  | 0 < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> NA           | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Isothecium</i> NA           | 0 -4 to -1% | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Jamesoni</i> e.Autumn Flap  | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Jungermann</i> .Dark-green  | 0 > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Jungermann</i> .Dwarf Flap  | 0 > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Kiaeria bl</i> Blytt's For  | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Kiaeria fa</i> Sickle-leav  | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Kindbergia</i> Common Feat  | 0 > -1%     | > -1%       | LOW       | < +1%       |
| Bryophytes <i>Kurzia pau</i> Bristly Fir  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Kurzia syl</i> Wood Finger  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Kurzia tri</i> Heath Finge  | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Leiocollea</i> Bantry Notc  | 0 > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Leiocollea</i> Ragged Notc  | 0 < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes <i>Lejeunea ca</i> Micheli's I | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Lejeunea la</i> Western Pou | 0 > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lejeunea pa</i> Pearl Pounc | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Lepidozia</i> Rock Finger   | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Lepidozia</i> Pearson's F   | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lepidozia</i> Creeping Fi   | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Leptobarbu</i> .Beric Bearc | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Leptodicty</i> Kneiff's Fe  | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Leptodon si</i> Prince-of-V | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Leptodonti</i> Bent-leavec  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Leskea pol</i> .Many-fruite | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Leucobryum</i> Large White  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Leucobryum</i> Smaller Whi  | 0 > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Leucodon si</i> Squirrel-ta | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Leucodon si</i> NA          | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Loeskeobry</i> Short-beake  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Lophocollea</i> Bifid Crest | 0 > -1%     | > -1%       | LOW       | < +1%       |
| Bryophytes <i>Lophocollea</i> Fragrant Cr | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Lophocollea</i> Variable-le | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Lophozia e</i> .Capitate No | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Lophozia i</i> Jagged Notc  | 0 > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lophozia si</i> Hill Notchv | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Lophozia vi</i> Tumid Notch | 0 > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lunularia</i> Crescent-cr   | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Marchantia</i> Common Live  | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Marchantia</i> NA           | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Marchesini</i> MacKay's Pc  | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Marsupella</i> Scorched Ru  | 0 > -1%     | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Marsupella</i> Notched Rus  | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |



|   |               |             |           |             |
|---|---------------|-------------|-----------|-------------|
| Bryophytes <i>Marsupella</i> NA           | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Marsupella</i> Funck's Rus  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Marsupella</i> Stabler's F  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Metzgeria</i> (Rock Veilw   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Metzgeria</i> (Whiskered V  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Metzgeria</i> :NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Metzgeria</i> :Forked Veil  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Metzgeria</i> :Hooked Veil  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Metzgeria</i> :Downy Veilv  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Metzgeria</i> :Blueish Veil | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Microbryum</i> Floerke's F  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Microlejeu</i> Fairy Beads  | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Mnium horn</i> Swan's-neck  | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Bryophytes <i>Mnium marg.</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Molendoa w</i> Warburg's M  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Mylia tayl</i> Taylor's Fl  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Nardia sca</i> Ladder Flap  | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Neckera coi</i> Flat Necke  | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Neckera cr.</i> Crisped Nec | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Neckera pu</i> Dwarf Necke  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Nowellia ci</i> Wood-rust   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Odontoschi.</i> Bog-m Flapv | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Oedipodium</i> Gouty-moss   | 0 > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Oligotrichi</i> Hercynian F | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Orthodonti</i> Cape Threac  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotheci</i> Fine-leaved  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Orthotheci</i> Red Leskea   | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Orthotrichi</i> Wood Bristl | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> Anomalous F | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> White-tippe | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Orthotrichi</i> Lyell's Bri | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> Elegant Bri | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> River Brist | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> Rock Bristl | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Orthotrichi</i> Showy Brist | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> Straw Brist | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> Shaw's Bris | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Orthotrichi</i> Slender Bri | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Oxyrrhynch.</i> Swartz's Fe | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Oxyrrhynch.</i> Dwarf Feath | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Oxyrrhynch.</i> Twist-tip F | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Oxyrrhynch.</i> Showy Feath | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Oxystegus</i> :NA           | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Palustriell.</i> NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Palustriell.</i> NA         | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Pellia epi</i> Overleaf Pe  | 0 -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Pellia nee.</i> Nees' Pelli | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |

|   |               |             |           |             |
|---|---------------|-------------|-----------|-------------|
| Bryophytes <i>Phascum cu.</i> Cuspidate F | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Phascum cu.</i> NA          | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Philonotis</i> Thick-nerve  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Philonotis</i> Fountain A   | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Physcomitr.</i> Common Blac | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Plagiobryu</i> Zierian Hur  | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiochil</i> Greater Fea  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Plagiochil</i> Killarney F  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiochil</i> British Fea  | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Plagiochil</i> Petty Feath  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Plagiochil</i> Western Fea  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiochil</i> Lesser Feat  | 0 > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Plagiochil</i> Spotty Feat  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiochil</i> Prickly Fea  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiomniu</i> Many-fruite  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiomniu</i> Woodsy Thym  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiomniu</i> Marsh Thyme  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiomniu</i> Long-beakec  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiopus</i> Oeder's Apr   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiothec</i> Curved Silk  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiothec</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Plagiothec</i> NA           | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiothec</i> Bright Silk  | 0 -4 to -1%   | < -7.5%     | HIGH      | +1 to +4%   |
| Bryophytes <i>Plagiothec</i> Alder Silk-  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiothec</i> Woodsy Silk  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiothec</i> Juicy Silk-  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiothec</i> Waved Silk-  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Plasteurhy</i> Lesser Stri  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Platyhypni</i> Portuguese   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Platyhypni</i> Long-beakec  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pleuridium</i> Awl-leaved   | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Pleurozium</i> Red-stemmec  | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Bryophytes <i>Pogonatum</i> Aloe Hairca   | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pogonatum</i> Urn Hairca    | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pohlia ann</i> Pale-fruite  | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pohlia bul</i> Blunt-bud 1  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Pohlia cam</i> Crookneck 1  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia dru</i> Drummond's   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia elo</i> NA           | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia lut</i> Yellow Thre  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia mel</i> Pink-fruite  | 0 -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pohlia nut</i> Nodding Thu  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Pohlia wah</i> Pale Glauc   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Polytricha</i> Alpine Hair  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Polytricha</i> Bank Hairca  | 0 -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Polytricha</i> Slender Hai  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Polytrichu</i> Common Hai   | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |

|   |           |             |             |             |             |
|---|-----------|-------------|-------------|-------------|-------------|
| Bryophytes <i>Polytrichu</i> NA           | 0 > -1%   | -4 to -1%   | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Polytrichu</i> Juniper Hai  | 0 > -1%   | > -1%       | LOW         | +4 to +7.5% |             |
| Bryophytes <i>Polytrichu</i> Bristly Hai  | 0 > -1%   | > -1%       | LOW         | > +7.5%     |             |
| Bryophytes <i>Polytrichu</i> Strict Hai   | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Porella pi</i> Pinnate Sca  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Porella pl</i> Wall Scalev  | 0 < -7.5% | < -7.5%     | VERY HIGH   | > +7.5%     |             |
| Bryophytes <i>Preissia qi</i> Narrow Mush | 0 > -1%   | -7.5 to -4% | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Pseudocall</i> .Three-ranke | 0         | -7.5 to -4% | < -7.5%     | VERY HIGH   | > +7.5%     |
| Bryophytes <i>Pseudocros</i> .Hornschuch' | 0 > -1%   | > -1%       | LOW         | > +7.5%     |             |
| Bryophytes <i>Pseudotaxi</i> lElegant Sil | 0 > -1%   | > -1%       | LOW         | +1 to +4%   |             |
| Bryophytes <i>Pterogoni</i> uBird's-foot  | 0 < -7.5% | -4 to -1%   | HIGH        | > +7.5%     |             |
| Bryophytes <i>Ptilidium</i> iCiliated Fr  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Ptilidium</i> iTree Fringe  | 0         | < -7.5%     | -7.5 to -4% | VERY HIGH   | +4 to +7.5% |
| Bryophytes <i>Ptilium cr</i> .Ostrich-plu | 0 > -1%   | < -7.5%     | MODERATE    | +1 to +4%   |             |
| Bryophytes <i>Ptychomit</i> r.Long-shanke | 0 > -1%   | -7.5 to -4% | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> Yellow Fri   | 0 > -1%   | -7.5 to -4% | MODERATE    | +4 to +7.5% |             |
| Bryophytes <i>Racomitriu</i> Narrow-leav  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> NA           | 0         | < -7.5%     | -7.5 to -4% | VERY HIGH   | < +1%       |
| Bryophytes <i>Racomitriu</i> Oval-fruite  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> Long Fringe  | 0 > -1%   | -4 to -1%   | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> Dense Fring  | 0 > -1%   | -7.5 to -4% | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> Green Mount  | 0 > -1%   | -7.5 to -4% | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> NA           | 0         | < -7.5%     | -7.5 to -4% | VERY HIGH   | +1 to +4%   |
| Bryophytes <i>Racomitriu</i> Bristly Fri  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Racomitriu</i> Woolly Fri   | 0         | < -7.5%     | -7.5 to -4% | VERY HIGH   | +4 to +7.5% |
| Bryophytes <i>Racomitriu</i> Slender Fri  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Radula aqu</i> .Brown Scale | 0         | -7.5 to -4% | < -7.5%     | VERY HIGH   | +1 to +4%   |
| Bryophytes <i>Radula com</i> Even Scalev  | 0 > -1%   | -7.5 to -4% | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Radula lin</i> Lindenberg'  | 0         | < -7.5%     | -4 to -1%   | HIGH        | < +1%       |
| Bryophytes <i>Reboulia h</i> Hemisphaeri  | 0         | < -7.5%     | > -1%       | MODERATE    | +4 to +7.5% |
| Bryophytes <i>Rhabdoweis</i> .Toothed Str | 0         | < -7.5%     | < -7.5%     | VERY HIGH   | > +7.5%     |
| Bryophytes <i>Rhabdoweis</i> .Dwarf Strea | 0         | < -7.5%     | < -7.5%     | VERY HIGH   | > +7.5%     |
| Bryophytes <i>Rhizomnium</i> Felted Thyn  | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Rhizomnium</i> Dotted Thyn  | 0         | -4 to -1%   | -7.5 to -4% | HIGH        | +1 to +4%   |
| Bryophytes <i>Rhynchoste</i> lTender Feat | 0 > -1%   | -7.5 to -4% | MODERATE    | > +7.5%     |             |
| Bryophytes <i>Rhynchoste</i> lNA          | 0         | < -7.5%     | > -1%       | MODERATE    | > +7.5%     |
| Bryophytes <i>Rhynchoste</i> lTeesdale Fe | 0         | < -7.5%     | < -7.5%     | VERY HIGH   | > +7.5%     |
| Bryophytes <i>Rhynchoste</i> lClustered F | 0 > -1%   | > -1%       | LOW         | +1 to +4%   |             |
| Bryophytes <i>Rhynchoste</i> lMegapolitar | 0 > -1%   | > -1%       | LOW         | > +7.5%     |             |
| Bryophytes <i>Rhynchoste</i> lWall Feathe | 0         | < -7.5%     | > -1%       | MODERATE    | > +7.5%     |
| Bryophytes <i>Rhytidiade</i> .Little Shaq | 0         | < -7.5%     | -7.5 to -4% | VERY HIGH   | +4 to +7.5% |
| Bryophytes <i>Rhytidiade</i> .Big Shaggy- | 0         | -7.5 to -4% | -7.5 to -4% | HIGH        | +4 to +7.5% |
| Bryophytes <i>Riccardia</i> iJagged Gern  | 0         | -4 to -1%   | > -1%       | MODERATE    | > +7.5%     |
| Bryophytes <i>Riccardia</i> iDelicate Ge  | 0         | < -7.5%     | -4 to -1%   | HIGH        | > +7.5%     |
| Bryophytes <i>Riccardia</i> iPalmate Ger  | 0         | < -7.5%     | -7.5 to -4% | VERY HIGH   | > +7.5%     |
| Bryophytes <i>Riccia bey</i> .Purple Cry  | 0         | < -7.5%     | < -7.5%     | VERY HIGH   | > +7.5%     |
| Bryophytes <i>Riccia cav</i> .Cavernous C | 0 > -1%   | < -7.5%     | MODERATE    | > +7.5%     |             |

|   |             |               |             |           |             |
|---|-------------|---------------|-------------|-----------|-------------|
| Bryophytes <i>Riccia glauca</i>         | Glaucous Cl | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Saccogyna</i>             | Stragglng   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Sanionia usneoides</i>    | Sickle-leav | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Sarmentypnum</i>          | Ringless Ho | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sarmentypnum</i>          | Twiggy Spea | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania aemula</i>       | Lesser Roug | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania aemula</i>       | Rough Earw  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania ciliata</i>      | Thick-set F | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania ciliata</i>      | Untidy Earv | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Scapania glauca</i>       | Western Ear | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Scapania imbricata</i>    | Heath Earw  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Scapania nana</i>         | Grove Earw  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Scapania norvegica</i>    | Norwegian F | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania usneoides</i>    | Marsh Earw  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Scapania usneoides</i>    | Shady Earw  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Scapania usneoides</i>    | Water Earw  | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Schistidium</i>           | NA          | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Schistidium</i>           | Thickpoint  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Schistidium</i>           | Seaside Gri | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Schistidium</i>           | Upright Bro | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Schistostoma</i>          | Luminous Mc | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Sciuro-hypnum</i>         | Rusty Feat  | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Bryophytes <i>Sciuro-hypnum</i>         | Matted Feat | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Scleropodiopsis</i>       | Tufted Feat | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Scleropodiopsis</i>       | Glass-wort  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Scorpidium</i>            | Intermediat | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Scorpidium</i>            | Rusty Hook- | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Scorpidium</i>            | NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Scorpidium</i>            | Hooked Scor | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scorpiurium</i>           | Curving Fea | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Seligeria</i>             | Sharp Rock- | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Seligeria</i>             | Dwarf Rock- | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Solenostoma</i>           | Crenulated  | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Solenostoma</i>           | Transparent | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Solenostoma</i>           | Egg Flapwor | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Solenostoma</i>           | Shining Fla | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Solenostoma</i>           | Round-fruit | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Sphagnum ciliatum</i>     | Red Bog-mos | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Sphagnum ciliatum</i>     | Red Bog-mos | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum ciliatum</i>     | Compact Bog | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Sphagnum ciliatum</i>     | Twisted Bog | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum ciliatum</i>     | Feathery Bo | 0 -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Sphagnum dilatatum</i>    | Cow-horn Bo | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum flexuosum</i>    | Flat-topped | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum flexuosum</i>    | Fringed Bog | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum flexuosum</i>    | Flexuous Bo | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum girgensohnii</i> | Girgensohn' | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|   |               |             |           |             |
|---|---------------|-------------|-----------|-------------|
| Bryophytes <i>Sphagnum i</i> Lesser Cow-  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum p</i> Blunt-leave  | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Sphagnum p</i> :NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Sphagnum p</i> Papillose F  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Sphagnum p</i> Golden Bog-  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Sphagnum q</i> Five-ranke   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum r</i> :NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Bryophytes <i>Sphagnum r</i> Russow's Bc  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum s</i> Spiky Bog-r  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum s</i> Lustrous Bc  | 0 -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Sphagnum s</i> :NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum s</i> :NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Bryophytes <i>Sphagnum t</i> Soft Bog-mc  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum t</i> Rigid Bog-r  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Splachnum</i> Round-fruit   | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Straminerg</i> Straw Spear  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Syntrichia</i> Small Hairy  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Water Screv  | 0 -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Intermediat  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Marble Scre  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Sand-hill S  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Great Hairy  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Targionia</i> Orobus-seec   | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Tetraphis</i> Pellucid Fe   | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Tetraplodo</i> Slender Cru  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Thamnobryu</i> Fox-tail Fe  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Thuidium d</i> Delicate Ta  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Thuidium t</i> Common Tama  | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortella f</i> Yellow Cris  | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Tortella i</i> Sassari Cri  | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortella n</i> Neat Crisp-  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Tortella t</i> Frizzled Cr  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Tortula la</i> Lance-leave  | 0 > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortula ma</i> Bordered Sc  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Tortula mo</i> Blunt-fruit  | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortula mu</i> Wall Screw-  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Tortula pr</i> Tall Pottia  | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Tortula su</i> Awl-leaved   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Tortula tr</i> Common Pott  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Trichocole</i> Handsome Wc  | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Trichodon</i> Cylindric I   | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Trichostom</i> Variable Cr  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Trichostom</i> Curly Crisp  | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Tritomaria</i> Cut Notchw   | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Tritomaria</i> Larger Cut   | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tritomaria</i> Lyon's Notc  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Ulotu bruci</i> Bruch's Pir | 0 > -1%       | > -1%       | LOW       | > +7.5%     |

|   |                |             |             |           |             |
|---|----------------|-------------|-------------|-----------|-------------|
| Bryophytes <i>Ulota crispa</i>          | Crisped Piri   | 0 > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Ulota crispa</i>          | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Ulota hutchinsii</i>      | Hutchins' Piri | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ulota phylloides</i>      | Frizzled Piri  | 0 > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Weissia</i>               | NA             | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Weissia brevifolia</i>    | Small-mouthed  | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Weissia colobota</i>      | NA             | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Weissia longifolia</i>    | Crisp Beard    | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Weissia longifolia</i>    | NA             | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Zygodon colobota</i>      | Lesser Yoke    | 0 > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Zygodon rupicola</i>      | Park Yoke      | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Zygodon viridula</i>      | Green Yoke     | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Zygodon viridula</i>      | NA             | 0 > -1%     | -7.5 to -4% | MODERATE  | < +1%       |
| Bryophytes <i>Zygodon viridula</i>      | NA             | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beetle <i>Acupalpus</i>          | NA             | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beetle <i>Acupalpus</i>          | NA             | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Acupalpus</i>          | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Acupalpus</i>          | NA             | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beetle <i>Agonum emarginatum</i> | NA             | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Agonum fulvum</i>      | NA             | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Agonum graecum</i>     | NA             | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Carbid beetle <i>Agonum maritimum</i>   | NA             | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Agonum mucronatum</i>  | NA             | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid beetle <i>Agonum pictum</i>      | NA             | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Agonum thomasi</i>     | NA             | 0 -4 to -1% | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Agonum viduatum</i>    | NA             | 0 > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Carbid beetle <i>Amara aenea</i>        | Common Sun     | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid beetle <i>Amara apricola</i>     | NA             | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Amara bifrons</i>      | NA             | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beetle <i>Amara consociata</i>   | NA             | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Amara convexa</i>      | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Amara equestris</i>    | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Amara eurygaster</i>   | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Amara familiaris</i>   | NA             | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Amara lucida</i>       | NA             | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Amara ovata</i>        | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Amara plebeia</i>      | NA             | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Amara praecox</i>      | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Amara similis</i>      | NA             | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Amara tibiata</i>      | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Anchomenus</i>         | NA             | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Anisodactylus</i>      | NA             | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beetle <i>Anthracus</i>          | NA             | 0 -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Asaphidion</i>         | NA             | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid beetle <i>Asaphidion</i>         | NA             | 0 < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Carbid beetle <i>Asaphidion</i>         | NA             | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Badister bicolor</i>   | NA             | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |

|                                    |             |             |           |             |
|------------------------------------|-------------|-------------|-----------|-------------|
| Carbid beet <i>Badister d</i> .NA  | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beet <i>Badister s</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Badister u</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | -4 to -1%   | HIGH      | < +1%       |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | < +1%       |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Bembidion i</i> .NA | 0 > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid beet <i>Blemus dis</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Blethisa m</i> .NA  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bracteon l</i> .NA  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bradycellu</i> .NA  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bradycellu</i> .NA  | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid beet <i>Bradycellu</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Carbid beet <i>Bradycellu</i> .NA  | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beet <i>Bradycellu</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Bradycellu</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Bradycellu</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Broscus ce</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet <i>Calathus c</i> .NA  | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid beet <i>Calathus e</i> .NA  | 0 < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Carbid beet <i>Calathus f</i> .NA  | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet <i>Calathus m</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Calathus m</i> .NA  | 0 > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid beet <i>Calathus m</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet <i>Calathus r</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet <i>Calodromiu</i> .NA  | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Carbid beetle <i>Calosoma i</i> .NA          | 1 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Carabus ar</i> .NA          | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Carabus gl</i> .NA          | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Carabus gr</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid beetle <i>Carabus mo</i> .Necklace G1 | 1 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Carabus nei</i> .NA         | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Carabus pr</i> .NA          | 0 -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Curtonotus</i> NA           | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Curtonotus</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Cymindis a</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid beetle <i>Demetrias i</i> .NA         | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Demetrias</i> .NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Dromius ag</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid beetle <i>Dromius me</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Dromius qu</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Dyschirius</i> NA           | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Dyschirius</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Dyschirius</i> NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beetle <i>Dyschirius</i> NA           | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Dyschirius</i> NA           | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Carbid beetle <i>Elaphrus u</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Eurynebria</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Harpalus a</i> .NA          | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beetle <i>Harpalus a</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beetle <i>Harpalus l</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Carbid beetle <i>Harpalus m</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Carbid beetle <i>Harpalus r</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beetle <i>Harpalus r</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Carbid beetle <i>Harpalus r</i> .NA          | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beetle <i>Harpalus s</i> .NA          | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Harpalus s</i> .NA          | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Laemostenu</i> .NA          | 0 > -1%       | > -1%       | LOW       | < +1%       |
| Carbid beetle <i>Leistus fe</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Leistus fu</i> .NA          | 0 -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beetle <i>Leistus ru</i> .NA          | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beetle <i>Leistus te</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Licinus de</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid beetle <i>Loricera p</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Masoreus w</i> .NA          | 0 > -1%       | > -1%       | LOW       | < +1%       |
| Carbid beetle <i>Miscodera i</i> .NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Nebria bre</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Nebria ruf</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid beetle <i>Nebria sal</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid beetle <i>Notiophilu</i> .NA          | 0 < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid beetle <i>Notiophilu</i> .NA          | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid beetle <i>Notiophilu</i> .NA          | 0 < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid beetle <i>Notiophilu</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |



|             |                    |    |   |             |             |           |             |
|-------------|--------------------|----|---|-------------|-------------|-----------|-------------|
| Carbid beet | <i>Notiophilu</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet | <i>Notiophilu</i>  | NA | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beet | <i>Ocys harpa</i>  | NA | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid beet | <i>Odacantha</i>   | NA | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet | <i>Oodes helo</i>  | NA | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beet | <i>Ophonus ar</i>  | NA | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beet | <i>Ophonus azi</i> | NA | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beet | <i>Ophonus pu</i>  | NA | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beet | <i>Ophonus sci</i> | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet | <i>Oxypselaphi</i> | NA | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beet | <i>Panagaeus</i>   | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet | <i>Paradromiu</i>  | NA | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beet | <i>Paradromiu</i>  | NA | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Carbid beet | <i>Paranchus</i>   | NA | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid beet | <i>Patrobus a</i>  | NA | 0 | -4 to -1%   | < -7.5%     | HIGH      | +1 to +4%   |
| Carbid beet | <i>Patrobus a</i>  | NA | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid beet | <i>Philorhizu</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet | <i>Philorhizu</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet | <i>Philorhizu</i>  | NA | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beet | <i>Platyderus</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet | <i>Platynus a</i>  | NA | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid beet | <i>Poecilus c</i>  | NA | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beet | <i>Poecilus v</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid beet | <i>Pogonus ch</i>  | NA | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid beet | <i>Pterostichi</i> | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet | <i>Stenolophu</i>  | NA | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet | <i>Stomis pum</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid beet | <i>Syntomus fi</i> | NA | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid beet | <i>Syntomus o</i>  | NA | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid beet | <i>Syntomus t</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet | <i>Synuchus v</i>  | NA | 0 | < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Carbid beet | <i>Tachys bis</i>  | NA | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Carbid beet | <i>Trechoblem</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid beet | <i>Trechus qu</i>  | NA | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid beet | <i>Trechus ru</i>  | NA | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Carbid beet | <i>Trechus se</i>  | NA | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid beet | <i>Trichocelli</i> | NA | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |

|               |                     |                   |               |           |               |             |             |             |
|---------------|---------------------|-------------------|---------------|-----------|---------------|-------------|-------------|-------------|
| Carbid beetle | <i>Trichocellus</i> | NA                | 0 < -7.5%     | -4 to -1% | HIGH          | > +7.5%     |             |             |
| Centipedes    | <i>Cryptops</i>     | ai                | NA            | 0 > -1%   | > -1%         | LOW         | > +7.5%     |             |
| Centipedes    | <i>Cryptops</i>     | h                 | NA            | 0 > -1%   | > -1%         | LOW         | > +7.5%     |             |
| Centipedes    | <i>Geophilus</i>    | i                 | NA            | 0 < -7.5% | > -1%         | MODERATE    | +1 to +4%   |             |
| Centipedes    | <i>Geophilus</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | +4 to +7.5% |             |
| Centipedes    | <i>Geophilus</i>    | i                 | NA            | 0 < -7.5% | < -7.5%       | VERY HIGH   | > +7.5%     |             |
| Centipedes    | <i>Geophilus</i>    | i                 | NA            | 0 < -7.5% | > -1%         | MODERATE    | +4 to +7.5% |             |
| Centipedes    | <i>Henia</i>        | vesu              | NA            | 0 > -1%   | > -1%         | LOW         | > +7.5%     |             |
| Centipedes    | <i>Lithobius</i>    | i                 | NA            | 0 < -7.5% | -4 to -1%     | HIGH        | +4 to +7.5% |             |
| Centipedes    | <i>Lithobius</i>    | i                 | NA            | 0 > -1%   | -7.5 to -4%   | MODERATE    | > +7.5%     |             |
| Centipedes    | <i>Lithobius</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | +1 to +4%   |             |
| Centipedes    | <i>Lithobius</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | > +7.5%     |             |
| Centipedes    | <i>Lithobius</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | +4 to +7.5% |             |
| Centipedes    | <i>Lithobius</i>    | i                 | NA            | 0 < -7.5% | < -7.5%       | VERY HIGH   | +1 to +4%   |             |
| Centipedes    | <i>Schendyla</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | > +7.5%     |             |
| Centipedes    | <i>Stigmatoga</i>   | NA                | 0 > -1%       | > -1%     | LOW           | > +7.5%     |             |             |
| Centipedes    | <i>Strigamia</i>    | i                 | NA            | 0 < -7.5% | > -1%         | MODERATE    | +1 to +4%   |             |
| Centipedes    | <i>Strigamia</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | > +7.5%     |             |
| Coccinellid   | <i>Adalia</i>       | bipi              | Two-spot      | La        | 0 < -7.5%     | > -1%       | MODERATE    | +1 to +4%   |
| Coccinellid   | <i>Adalia</i>       | dec               | Ten-spot      | La        | 0 > -1%       | > -1%       | LOW         | +1 to +4%   |
| Coccinellid   | <i>Anatis</i>       | oce               | Eyed Ladybi   |           | 0 < -7.5%     | > -1%       | MODERATE    | +1 to +4%   |
| Coccinellid   | <i>Anisosticta</i>  | Water             | Ladyt         |           | 0 < -7.5%     | > -1%       | MODERATE    | +4 to +7.5% |
| Coccinellid   | <i>Chilocorus</i>   | Kidney-spot       |               |           | 0 < -7.5%     | > -1%       | MODERATE    | +4 to +7.5% |
| Coccinellid   | <i>Coccidula</i>    | i                 | NA            | 0 < -7.5% | -4 to -1%     | HIGH        | > +7.5%     |             |
| Coccinellid   | <i>Coccinella</i>   | Seven-spot        |               |           | 0 < -7.5%     | > -1%       | MODERATE    | +1 to +4%   |
| Coccinellid   | <i>Coccinella</i>   | Eleven-spot       |               |           | 0 < -7.5%     | > -1%       | MODERATE    | +1 to +4%   |
| Coccinellid   | <i>Exochomus</i>    | (Pine             | Ladybi        |           | 0 -7.5 to -4% | > -1%       | MODERATE    | > +7.5%     |
| Coccinellid   | <i>Halysia</i>      | se                | Orange Lady   |           | 0 < -7.5%     | -4 to -1%   | HIGH        | > +7.5%     |
| Coccinellid   | <i>Hippodamia</i>   | Adonis'           | Lac           |           | 0 < -7.5%     | > -1%       | MODERATE    | > +7.5%     |
| Coccinellid   | <i>Propylea</i>     | qi                | Fourteen-sp   |           | 0 < -7.5%     | > -1%       | MODERATE    | +4 to +7.5% |
| Coccinellid   | <i>Psyllobora</i>   | Twentytwo-s       |               |           | 0 < -7.5%     | > -1%       | MODERATE    | +4 to +7.5% |
| Coccinellid   | <i>Rhyzobius</i>    | i                 | NA            | 0 > -1%   | > -1%         | LOW         | +4 to +7.5% |             |
| Coccinellid   | <i>Scymnus</i>      | su                | NA            | 0 < -7.5% | > -1%         | MODERATE    | > +7.5%     |             |
| Coccinellid   | <i>Subcoccine</i>   | Twentyfour-       |               |           | 0 > -1%       | -4 to -1%   | MODERATE    | > +7.5%     |
| Coccinellid   | <i>Tytthaspis</i>   | Sixteen-sp        |               |           | 0 > -1%       | > -1%       | LOW         | > +7.5%     |
| Craneflies    | <i>Nephrotoma</i>   | NA                | 0 -7.5 to -4% | > -1%     | MODERATE      | > +7.5%     |             |             |
| Craneflies    | <i>Ptychopter</i>   | NA                | 0 < -7.5%     | < -7.5%   | VERY HIGH     | +1 to +4%   |             |             |
| Craneflies    | <i>Ptychopter</i>   | NA                | 0 < -7.5%     | > -1%     | MODERATE      | +4 to +7.5% |             |             |
| Craneflies    | <i>Ptychopter</i>   | NA                | 0 < -7.5%     | > -1%     | MODERATE      | +4 to +7.5% |             |             |
| Craneflies    | <i>Tipula</i>       | ful               | NA            | 0 < -7.5% | > -1%         | MODERATE    | +1 to +4%   |             |
| Craneflies    | <i>Tipula</i>       | lat               | NA            | 0 > -1%   | -7.5 to -4%   | MODERATE    | > +7.5%     |             |
| Craneflies    | <i>Tipula</i>       | lun               | NA            | 0 < -7.5% | > -1%         | MODERATE    | +4 to +7.5% |             |
| Craneflies    | <i>Tipula</i>       | max               | NA            | 0 > -1%   | > -1%         | LOW         | < +1%       |             |
| Craneflies    | <i>Tipula</i>       | ole               | NA            | 0 < -7.5% | > -1%         | MODERATE    | +1 to +4%   |             |
| Craneflies    | <i>Tipula</i>       | unc               | NA            | 0 > -1%   | -7.5 to -4%   | MODERATE    | +1 to +4%   |             |
| Craneflies    | <i>Tipula</i>       | var               | NA            | 0 > -1%   | -4 to -1%     | MODERATE    | +1 to +4%   |             |
| Crickets      | at                  | <i>Chorthippu</i> | Lesser        | Mars      | 0 > -1%       | > -1%       | LOW         | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Crickets at <i>Chorthippu</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Chorthippu</i> .Meadow Grass   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Conocephala</i> .NA            | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Crickets at <i>Conocephala</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Crickets at <i>Ectobius p</i> .Tawny Cock     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Crickets at <i>Ectobius p</i> .Lesser Cock    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Crickets at <i>Forficula</i> .Common Ear      | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Crickets at <i>Forficula</i> .Lesne's Ear     | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Crickets at <i>Leptophyes</i> .NA             | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Crickets at <i>Meconema t</i> .NA             | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Crickets at <i>Metrioptera</i> .NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Crickets at <i>Metrioptera</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Crickets at <i>Myrmeleote</i> .Mottled Grass  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Crickets at <i>Nemobius s</i> .Wood Cricket   | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Crickets at <i>Omocestus</i> .Woodland Grass  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Crickets at <i>Omocestus</i> .Common Green    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Crickets at <i>Pholidoptera</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Platycleis</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Stenobothrus</i> .Stripe-wing  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Crickets at <i>Tetrix cep</i> .Cepero's Grass | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Crickets at <i>Tetrix sub</i> .NA             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Crickets at <i>Tetrix und</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Anasimyia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Anasimyia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Anasimyia</i> .NA               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Arctophila</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Baccha elo</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Brachypalpa</i> .NA             | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Hoverflies <i>Brachypalpa</i> .NA             | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Callicera</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Chalcosyrpa</i> .NA             | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> $\mu$ NA     | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Chrysogaster</i> NA        | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Chrysogaster</i> NA        | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Chrysotoxus</i> NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Chrysotoxus</i> NA         | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Chrysotoxus</i> NA         | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Chrysotoxus</i> NA         | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Chrysotoxus</i> NA         | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Criorhina</i> $\mu$ NA     | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Criorhina</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Criorhina</i> $\mu$ NA     | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Dasysyrphus</i> NA         | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Dasysyrphus</i> NA         | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Dasysyrphus</i> NA         | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Dasysyrphus</i> NA         | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Dasysyrphus</i> NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Didea fasc.</i> NA         | 0 < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Hoverflies <i>Didea inte.</i> NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Epistrophe</i> NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Epistrophe</i> NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Epistrophe</i> NA          | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Epistrophe</i> NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Episyrphus</i> NA          | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Eriozona e.</i> NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Eriozona s.</i> NA         | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Eristalinus</i> NA         | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> $\mu$ NA     | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Eumerus fu</i> Lesser Bull | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eumerus ori</i> NA         | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eumerus sai</i> NA         | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Hoverflies <i>Eumerus st.</i> Lesser Bull | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Eupeodes b</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eupeodes c</i> NA           | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eupeodes l</i> NA           | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eupeodes l</i> NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Eupeodes n</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Eupeodes n</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Ferdinande</i> NA           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Helophilus</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Helophilus</i> NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Helophilus</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Heringia h</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Heringia p</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Heringia v</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Lejogaster</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Leucozona</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Leucozona</i> .NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Hoverflies <i>Melangyna</i> NA            | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Hoverflies <i>Melangyna</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Melangyna</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Melangyna</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Melanogast</i> NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Hoverflies <i>Melanogast</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Melanostom</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Meligramma</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Meligramma</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Meliscaeva</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Merodon eq</i> Greater Bul  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Microdon a</i> NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Hoverflies <i>Microdon m</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Myathropa</i> NA            | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Myolepta d</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Neoascia g</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Neoascia i</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Neoascia m</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Neoascia o</i> NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Neoascia p</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Orthonevra</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Orthonevra</i> NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Hoverflies <i>Orthonevra</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Paragus ha</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Paragus ti</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Parasyrphu</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Parasyrphu</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Parasyrphu</i> .NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |

|                                   |   |         |             |           |             |
|-----------------------------------|---|---------|-------------|-----------|-------------|
| Hoverflies <i>Parhelophi</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Parhelophi</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Pelecocera</i> NA   | 0 | > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Pipiza aus</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Pipiza bim</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Pipiza fen</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Pipiza lug</i> .NA  | 0 | < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Pipiza lut</i> .NA  | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Pipiza noc</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Pipizella</i> NA    | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Pipizella</i> NA    | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Platycheir</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA  | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Platycheir</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Portevinia</i> NA   | 0 | > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Psilota an</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Rhingia cai</i> .NA | 0 | > -1%   | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Riponnensi</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Scaeva sel</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Sericomyia</i> NA   | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Sericomyia</i> NA   | 0 | > -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Sphaeropho</i> .NA  | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Sphaeropho</i> .NA  | 0 | > -1%   | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Sphaeropho</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Sphaeropho</i> .NA  | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Sphagina e</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Sphagina v</i> .NA  | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Syritta pi</i> .NA  | 0 | > -1%   | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Syrphus ri</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Syrphus to</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Syrphus vi</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Trichopsom</i> .NA  | 0 | < -7.5% | -4 to -1%   | HIGH      | > +7.5%     |
| Hoverflies <i>Triglyphus</i> NA   | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Tropidia s</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Volucella</i> NA    | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Volucella</i> NA    | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Volucella</i> NA    | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Volucella</i> NA    | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Xanthandru</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |

|            |                    |             |   |           |             |           |             |
|------------|--------------------|-------------|---|-----------|-------------|-----------|-------------|
| Hoverflies | <i>Xanthogram</i>  | NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies | <i>Xanthogram</i>  | NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Hoverflies | <i>Xylota abi</i>  | NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies | <i>Xylota flo</i>  | NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies | <i>Xylota jak</i>  | NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Hoverflies | <i>Xylota segi</i> | NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies | <i>Xylota syl</i>  | NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies | <i>Xylota tar</i>  | NA          | 0 | -4 to -1% | -4 to -1%   | MODERATE  | +1 to +4%   |
| Hoverflies | <i>Xylota xan</i>  | NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Archiboreo</i>  | NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Millipedes | <i>Bianiulus</i>   | Spotted Sna | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Millipedes | <i>Boreoiulus</i>  | NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Millipedes | <i>Brachydesm</i>  | NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Millipedes | <i>Chordeuma</i>   | NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Millipedes | <i>Cylindroi</i>   | NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Millipedes | <i>Cylindroi</i>   | NA          | 0 | -4 to -1% | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Cylindroi</i>   | NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Cylindroi</i>   | Blunt-taile | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Millipedes | <i>Glomeris m</i>  | Pill Millip | 0 | < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Millipedes | <i>Julus scan</i>  | NA          | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Millipedes | <i>Macrostern</i>  | NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Millipedes | <i>Melogona s</i>  | NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Millipedes | <i>Nanogona p</i>  | Eyed Flat-t | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Millipedes | <i>Nemasoma v</i>  | NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Millipedes | <i>Ommatoiulu</i>  | Striped Mil | 0 | > -1%     | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Millipedes | <i>Ophiodesmu</i>  | NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Millipedes | <i>Ophiulus</i>    | NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Millipedes | <i>Polydesmus</i>  | Common Flat | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Millipedes | <i>Polydesmus</i>  | NA          | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Polydesmus</i>  | NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Millipedes | <i>Tachypodoi</i>  | White-legge | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths      | <i>Abraxas gr</i>  | The Magpie  | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths      | <i>Acasis vir</i>  | Yellow-barr | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths      | <i>Achlya fla</i>  | Yellow Horr | 0 | > -1%     | -7.5 to -4% | MODERATE  | < +1%       |
| Moths      | <i>Acronicta</i>   | The Sycamor | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths      | <i>Acronicta</i>   | Alder Moth  | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths      | <i>Acronicta</i>   | Light Knot  | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths      | <i>Acronicta</i>   | Knot Grass  | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths      | <i>Acronicta</i>   | Dark Dagger | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths      | <i>Actebia pr</i>  | Portland Mc | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths      | <i>Adscita ge</i>  | Cistus Fore | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths      | <i>Adscita st</i>  | The Foreste | 1 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths      | <i>Aethalura</i>   | Grey Birch  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths      | <i>Agriopis a</i>  | Scarce Umbe | 0 | < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths      | <i>Agriopis l</i>  | Spring Ushe | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths      | <i>Agriopis m</i>  | Dotted Bore | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths      | <i>Agrochola</i>   | The Brick   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |

|       |   |   |             |             |           |             |
|-------|---|---|-------------|-------------|-----------|-------------|
| Moths | <i>Agrochola</i> <i>fl</i> Flounced Cf  | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Agrochola</i> <i>br</i> Brown-spot   | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Agrochola</i> <i>rl</i> Red-line Qu  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Agrochola</i> <i>bc</i> Beaded Ches  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Agrochola</i> <i>yl</i> Yellow-line  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Agrotis</i> <i>ci</i> Light Feath    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Agrotis</i> <i>ex</i> Heart & Dar    | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Agrotis</i> <i>ri</i> Sand Dart      | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Alcis</i> <i>juba</i> Dotted Carp    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Aleucis</i> <i>di</i> Sloe Carpet    | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Allophyes</i> <i>g</i> Green-brinc   | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Alsophila</i> <i>m</i> March Moth    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Amphipoea</i> <i>c</i> Crinan Ear    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Moths | <i>Amphipoea</i> <i>s</i> Saltern Ear   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Amphipoea</i> <i>l</i> Large Ear     | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Angerona</i> <i>p</i> Orange Motl    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Anticlea</i> <i>d</i> The Stream     | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Anticollix</i> <i>d</i> Dentated Pt  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Antitype</i> <i>ci</i> Grey Chi      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Apamea</i> <i>anc</i> Large Nutme    | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Apamea</i> <i>fur</i> The Confuse    | 0 | < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Moths | <i>Apamea</i> <i>lit</i> Light Arche    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Apamea</i> <i>obl</i> Crescent St    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Apamea</i> <i>oph</i> Double Lobe    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Apamea</i> <i>sco</i> Slender Bri    | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Apamea</i> <i>sor</i> Rustic Shou    | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Apamea</i> <i>sub</i> Reddish Lig    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Apamea</i> <i>unai</i> Small Clou    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Apeira</i> <i>syr</i> Lilac Beaut    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Apocheima</i> <i>i</i> Small Brinc   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Aporophylla</i> <i>f</i> Feathered F | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Aporophylla</i> <i>b</i> Black Rusti | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Archanara</i> <i>t</i> Twin-spotte   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Archanara</i> <i>w</i> Webb's Wair   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Archiearis</i> <i>l</i> Light Orang  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Arctia</i> <i>caj</i> Garden Tig     | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Arctia</i> <i>vil</i> Cream-spot     | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Arenostola</i> <i>f</i> Fen Wainsc   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Asthenia</i> <i>al</i> Small White   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Atethmia</i> <i>c</i> Centre-barr    | 1 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Atolmis</i> <i>ru</i> Red-necked     | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Autographa</i> <i>g</i> Gold Spangl  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Autographa</i> <i>p</i> Plain Golde  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Axylia</i> <i>put</i> The Flame      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Bena</i> <i>bicol</i> Scarce Silv    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Biston</i> <i>str</i> Oak Beauty     | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Blepharita</i> <i>d</i> Dark Brocac  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |



|       |                    |             |   |             |             |           |             |
|-------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Cabera exa</i>  | Common Wave | 0 | > -1%       | -4 to -1%   | MODERATE  | < +1%       |
| Moths | <i>Callimorpha</i> | Scarlet Tig | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Callistege</i>  | Mother Ship | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Calophasia</i>  | Toadflax Br | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Camptogram</i>  | Yellow Shel | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Caradrina</i>   | Mottled Rus | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Carsia sor</i>  | Manchester  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Catarhoe c</i>  | Royal Mantl | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Catarhoe r</i>  | Ruddy Carpe | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Catocala n</i>  | Red Underwi | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Celaena ha</i>  | Haworth's M | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Cepphis ad</i>  | Little Thor | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Cerastis l</i>  | White-marke | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Cerura vim</i>  | Puss Moth   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Charanyca</i>   | Treble Line | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Chesias ru</i>  | Broom-tip   | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Chilodes m</i>  | Silky Wains | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Chlorissa</i>   | Small Grass | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Chloroclys</i>  | Dark Marble | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Chloroclys</i>  | Arran Carpe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Chloroclys</i>  | Autumn Gree | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Chloroclys</i>  | Red-green C | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Chortodes</i>   | Mere Wainsc | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cidaria fu</i>  | Barred Yell | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Clostera c</i>  | Chocolate-t | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Coenobia r</i>  | Small Rufou | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Coenocalpe</i>  | Slender-str | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Colocasia</i>   | Nut-tree Tu | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Colotois p</i>  | Feathered T | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Comibaena</i>   | Blotched Er | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Conistra l</i>  | Dark Chestr | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Conistra r</i>  | Dotted Ches | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Coscinia c</i>  | Speckled Fc | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Cosmia aff</i>  | Lesser-spot | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cosmia pyr</i>  | Lunar-spott | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cosmia tra</i>  | The Dun-bar | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Cossus cos</i>  | Goat Moth   | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Craniophor</i>  | The Coronet | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Crocallis</i>   | Scalloped C | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Cryphia mu</i>  | Marbled Gre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cucullia a</i>  | The Wormwoc | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cucullia a</i>  | Star-wort   | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cucullia c</i>  | Chamomile S | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cucullia u</i>  | The Shark   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cybosia me</i>  | Four-dotted | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cyclophora</i>  | The Mocha   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Cyclophora</i>  | Clay Triple | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|       |                                |   |             |             |           |             |
|-------|--------------------------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Cyclophora</i> Dingy Mocha  | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Cyclophora</i> False Mocha  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Cyclophora</i> Maiden's Bl  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Cymatophor</i> Oak Lutestr  | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Dasypolia</i> Brindled Oc   | 1 | < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Moths | <i>Deilephila</i> Elephant Ha  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Deilephila</i> Small Eleph  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Deltote ba</i> Silver Barr  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Deltote un</i> Silver Hook  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Diacrisia</i> Clouded But   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Diarsia da</i> Barred Ches  | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Moths | <i>Dicallomer</i> Dark Tussock | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Dichonia a</i> Merveille c  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Diloba cae</i> Figure of I  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Discoloxia</i> Blomer's Ri  | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Drepana fa</i> Pebble Hook  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Drymonia d</i> Marbled Bro  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Moths | <i>Dryobotode</i> Brindled G   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Dypterygia</i> Bird's Wing  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Dyscia fag</i> Grey Scallo  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Earias clo</i> Cream-borde  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Egira cons</i> Silver Clou  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eilema can</i> Hoary Footr  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Eilema com</i> Scarce Foot  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eilema dep</i> Buff Footma  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eilema gri</i> Dingy Footr  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eilema lur</i> Common Foot  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Eilema pygi</i> Pigmy Footr | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eilema sor</i> Orange Foot  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Elaphria v</i> Rosy Marble  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Enargia pa</i> Angle-strip  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Endromis v</i> Kentish Glo  | 0 | > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Moths | <i>Ennomos ali</i> Canary-shou | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Ennomos au</i> Large Thor   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Ennomos er</i> September 1  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Ennomos qu</i> August Thor  | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Entephria</i> Grey Mounta   | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Entephria</i> Yellow-ring   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Epione rep</i> Bordered Be  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Epirrhoe r</i> Wood Carpet  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Epirrhoe t</i> Small Arger  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Epirrita ai</i> Autumnal Mc | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Epirrita ci</i> Pale Novemb | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Epirrita f</i> Small Autun  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Eremobia o</i> Dusky Sallc  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Eriogaster</i> Small Eggar  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Euchoeca n</i> Dingy Shell  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |

|       |                                 |   |           |             |           |             |
|-------|---------------------------------|---|-----------|-------------|-----------|-------------|
| Moths | <i>Euclidia g</i> Burnet Com    | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Eugnorisma</i> Plain Clay    | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Eugnorisma</i> Autumnal R    | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Eulithis m</i> The Spinach   | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eulithis p</i> The Phoenix   | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Eulithis p</i> Barred Str    | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Euphyia bi</i> Cloaked Car   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eupithecia</i> Brindled Pt   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i> Wormwood Pt   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i> Currant Pug   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i> Thyme Pug     | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Eupithecia</i> Oak-tree Pt   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i> Pauper Pug    | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Mottled Pug   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i> Haworth's F   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Eupithecia</i> Tawny Speck   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Eupithecia</i> Pinion-spot   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i> Maple Pug     | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Marbled Pug   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eupithecia</i> Larch Pug     | 0 | > -1%     | -4 to -1%   | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i> Toadflax Pt   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i> Yarrow Pug    | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Narrow-wing   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Pimpinel Pt   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i> Lead-colour   | 0 | > -1%     | > -1%       | LOW       | < +1%       |
| Moths | <i>Eupithecia</i> Foxglove Pt   | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Eupithecia</i> Satyr Pug     | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths | <i>Eupithecia</i> Plain Pug     | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Shaded Pug    | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Bordered Pt   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i> White-spott   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i> Golden-rod    | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i> Common Pug    | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Euproctis</i> Brown-tail     | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupsilia t</i> The Satell    | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Eurois occi</i> Great Broc   | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Euxoa curs</i> Coast Dart    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Euxoa trit</i> White-line    | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Furcula bi</i> Alder Kitten  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Furcula bi</i> Poplar Kitten | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Furcula fu</i> Sallow Kitten | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Gnophos ob</i> Scotch Ann    | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Gortyna fl</i> Frosted Ora   | 0 | -4 to -1% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Graphiphora</i> Double Dart  | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Gymnosceli</i> Double-stri   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Habrosyne i</i> Buff Archer  | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Hadena alb</i> White Spot    | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |

|       |                    |              |   |             |             |           |             |
|-------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Hadena com</i>  | Varied Corc  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Hecatera b</i>  | Broad-barre  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Heliophobu</i>  | Bordered Gc  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Hemistola</i>   | (Small Emera | 1 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Hepialus h</i>  | Gold Swift   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Hepialus s</i>  | Orange Swif  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Herminia g</i>  | Small Fan-f  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Hoplodrina</i>  | The Uncerta  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Hoplodrina</i>  | The Rustic   | 1 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Horisme te</i>  | The Fern     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Hydrelia f</i>  | Small Yello  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Hydriomena</i>  | May Highfly  | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Moths | <i>Hydriomena</i>  | Ruddy Highf  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Hylaea fas</i>  | Barred Red   | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Hyles gall</i>  | Bedstraw Ha  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Hypena proi</i> | The Snout    | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Hypenodes</i>   | Marsh Oblic  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Hypomecis</i>   | Pale Oak Be  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Hyppa rect</i>  | The Saxon    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Idaea aver</i>  | Riband Wave  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Idaea bise</i>  | Small Fan-f  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Idaea dimi</i>  | Single-dott  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Idaea emar</i>  | Small Scall  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Idaea fusc</i>  | Dwarf Creat  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Idaea muri</i>  | Purple-borc  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Idaea seri</i>  | Small Dusty  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Idaea subs</i>  | Satin Wave   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Idaea trig</i>  | Treble Brov  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Ipimorpha</i>   | Double Kidr  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Ipimorpha</i>   | The Olive    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Itame brun</i>  | Rannoch Loc  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Jodis lact</i>  | Little Emer  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Lacanobia</i>   | Bright-line  | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Lacanobia</i>   | Light Broc   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Lampropter</i>  | Water Carpe  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Moths | <i>Laothoe po</i>  | Poplar Hawk  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Larentia c</i>  | The Mallow   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Lasiocampa</i>  | Oak Eggar    | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Lasiocampa</i>  | Grass Eggar  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Laspeyria</i>   | Beautiful F  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Leucochlae</i>  | Beautiful C  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Leucoma sa</i>  | White Satir  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Lithomoia</i>   | Golden-rod   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Lithophane</i>  | Pale Pinior  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Lithophane</i>  | Grey Shoulc  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Lithosia q</i>  | Four-spotte  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Lobophora</i>   | The Seraphi  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|       |                                 |   |             |             |           |             |
|-------|---------------------------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Lomographa</i> White-pinic   | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Luperina n.</i> Sandhill R   | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Moths | <i>Lycia hirt.</i> Brindled B   | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Lygephila i.</i> The Blackne | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Macaria al.</i> Sharp-angle  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Macaria no.</i> Peacock Mo   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Macaria vai.</i> The V-Moth  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Macrochilo</i> Dotted Fan-   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Macroglossi</i> Hummingbird  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Macrothyla</i> Fox Moth      | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Malacosoma</i> The Lackey    | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Mamestra b.</i> Cabbage Mo   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Meganola s.</i> Small Black  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Melanchra i.</i> Dot Moth    | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Melanthia i.</i> Pretty Chal | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Menophra a.</i> Waved Umber  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Mesoligia i.</i> Cloaked Mir | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Miltochris</i> Rosy Footma   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Mimas tili.</i> Lime Hawk-m  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Moma alpiu.</i> Scarce Merv  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna a.</i> White-point  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Mythimna c.</i> Shoulder-st  | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Mythimna o.</i> Obscure Wai  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna p.</i> Common Wair  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Mythimna p.</i> Striped Wai  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Mythimna p.</i> Devonshire   | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna t.</i> Double Line  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna u.</i> White-speck  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Naenia typ.</i> The Gothic   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Nebula sal.</i> Striped Twi  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Noctua com.</i> Lesser Yell  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Noctua fim.</i> Broad-borde  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Nola confu.</i> Least Black  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Nonagria t.</i> Bulrush Wai  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Notodonta i.</i> Iron Promir | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Notodonta i.</i> Pebble Prom | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Nudaria mu.</i> Muslin Foot  | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Moths | <i>Odezia atr.</i> Chimney Swe  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Odontopera</i> Scalloped F   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Odontosia i.</i> Scarce Prom | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Oligia fas.</i> Middle-barr  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Oligia lat.</i> Tawny Marbl  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Oligia str.</i> Marbled Mir  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Oligia ver.</i> Rufous Minc  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Omphalosce.</i> Lunar Under  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Operophter.</i> Winter Moth  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Operophter.</i> Northern Wi  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |

|       |                    |             |   |             |             |           |             |
|-------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Opisthogra</i>  | Brimstone M | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Moths | <i>Oria muscu</i>  | Brighton W  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Orthosia c</i>  | Small Quake | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Orthosia g</i>  | Hebrew Char | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Orthosia g</i>  | Powdered Qu | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Orthosia i</i>  | Clouded Dra | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths | <i>Orthosia m</i>  | Blossom Unc | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Orthosia m</i>  | Twin-spotte | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Orthosia o</i>  | Northern Dr | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Orthosia p</i>  | Lead-colour | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Ourapteryx</i>  | Swallow-tai | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Pachycnemi</i>  | Horse Chest | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Panemeria</i>   | Small Yello | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Panolis fl</i>  | Pine Beauty | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Papestra b</i>  | Glaucous Sh | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Paracolax</i>   | Clay Fan-fc | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Paradarisa</i>  | Square Spot | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Paradrina</i>   | Pale Mottl  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Parascotia</i>  | Waved Black | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Parasemia</i>   | Wood Tiger  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Parectropi</i>  | Brindled Wh | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Pasiphila</i>   | Sloe Pug    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Pasiphila</i>   | Bilberry Pu | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Pasiphila</i>   | Green Pug   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Pelosia mu</i>  | Dotted Foot | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Pelurga coi</i> | Dark Spinac | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Perconia s</i>  | Grass Wave  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Peribatode</i>  | Willow Beau | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Peridea an</i>  | Great Promi | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Perizoma a</i>  | Small Rivul | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Perizoma b</i>  | Pretty Pini | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Perizoma d</i>  | Twin-spot ( | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Perizoma f</i>  | Sandy Carpe | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Perizoma s</i>  | Marsh Carpe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Phalera bu</i>  | Buff-tip    | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Phibalapte</i>  | Oblique Str | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Philereme</i>   | Dark Umber  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Philereme</i>   | Brown Scall | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Phlogophor</i>  | Angle Shade | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Photedes c</i>  | Least Minor | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Phytometra</i>  | Small Purpl | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Plagodis d</i>  | Scorched Wi | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Plagodis p</i>  | Barred Umbe | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Plemyria r</i>  | Blue-border | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Plusia fes</i>  | Gold Spot   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Plusia put</i>  | Lempke's G  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Poecilocamp</i> | December M  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |

|       |                    |              |   |             |             |           |             |
|-------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Polia bomb</i>  | Pale Shinier | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Moths | <i>Polia nebu</i>  | Grey Arches  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Polia trim</i>  | Silvery Arc  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Polymixis</i>   | Large Ranur  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Polymixis</i>   | Feathered F  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Polyploca</i>   | Frosted Gre  | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Pteraphera</i>  | Small Sera   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Pterostoma</i>  | Pale Promi   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Ptilodon ci</i> | Maple Promi  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Ptilophora</i>  | Plumed Pron  | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Moths | <i>Pyrrhia um</i>  | Bordered Sa  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Rheumapter</i>  | Scarce Tiss  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Rheumapter</i>  | Argent & Sa  | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Rheumapter</i>  | Scallop She  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Rhizedra l</i>  | Large Wains  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Rhyacia si</i>  | Dotted Rust  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Rivula ser</i>  | Straw Dot    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Saturnia p</i>  | Emperor Mot  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Schrankia</i>   | Pinion-stre  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Schrankia</i>   | White-line   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Scopula em</i>  | Rosy Wave    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Scopula fl</i>  | Cream Wave   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Scopula im</i>  | Small Bloo   | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Moths | <i>Scopula ru</i>  | Tawny Wave   | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Scopula te</i>  | Smoky Wave   | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Moths | <i>Scotoptery</i>  | Chalk Carpe  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Scotoptery</i>  | July Belle   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Scotoptery</i>  | Lead Belle   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Selenia de</i>  | Early Thorr  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Selenia lu</i>  | Lunar Thorr  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Selidosema</i>  | Bordered Gr  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Semiaspila</i>  | Yellow Bell  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Sesia bemb</i>  | Lunar Horne  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Setina irr</i>  | Dew Moth     | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Shargacucu</i>  | Striped Lyc  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Shargacucu</i>  | The Mulleir  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Simyra alb</i>  | Reed Dagger  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Spaelotis</i>   | Stout Dart   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Spargania</i>   | White-bande  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Spilosoma</i>   | Buff Ermine  | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Spilosoma</i>   | Water Ermir  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Stilbia an</i>  | The Anomal   | 1 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Tethea ocu</i>  | Figure of F  | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Tetheella</i>   | Satin Lutes  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Thalpophil</i>  | Straw Under  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Thera cogn</i>  | Chestnut-co  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Moths | <i>Thera cupr</i>  | Cypress Car  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |

|         |                    |              |   |           |             |           |             |
|---------|--------------------|--------------|---|-----------|-------------|-----------|-------------|
| Moths   | <i>Thera firm</i>  | Pine Carpet  | 0 | > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths   | <i>Thera juni</i>  | Juniper Car  | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths   | <i>Theria pri</i>  | Early Moth   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Tholera ce</i>  | Hedge Rusti  | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths   | <i>Tholera de</i>  | Feathered (  | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Thumatha s</i>  | Round-winged | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Trichiura</i>   | (Pale Eggar  | 1 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths   | <i>Trichopter</i>  | Early Tooth  | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths   | <i>Trichopter</i>  | Barred Toot  | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Triphosa di</i> | The Tissue   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths   | <i>Trisateles</i>  | Olive Cresc  | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Tyta luctu</i>  | The Four-sp  | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Venusia cai</i> | Welsh Wave   | 0 | -4 to -1% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Moths   | <i>Watsonalla</i>  | Barred Hook  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths   | <i>Xanthia ci</i>  | Orange Sall  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Xanthia gi</i>  | Dusky-lemor  | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths   | <i>Xanthia ic</i>  | The Sallow   | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Xanthia oc</i>  | Pale-lemon   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Xanthorhoe</i>  | Balsam Carp  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths   | <i>Xanthorhoe</i>  | Red Carpet   | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths   | <i>Xanthorhoe</i>  | Garden Carp  | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Xanthorhoe</i>  | Large Twin-  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Moths   | <i>Xestia aga</i>  | Heath Rusti  | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Xestia tri</i>  | Double Squa  | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Moths   | <i>Xylena exs</i>  | Sword-grass  | 0 | < -7.5%   | -4 to -1%   | HIGH      | < +1%       |
| Moths   | <i>Xylena veti</i> | Red Sword-g  | 0 | -4 to -1% | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths   | <i>Xylocampa</i>   | (Early Grey  | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths   | <i>Zanclognat</i>  | The Fan-foc  | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Moths   | <i>Zeuzera py</i>  | Leopard Mot  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Zygaena loi</i> | Narrow-borc  | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Odonata | <i>Aeshna cae</i>  | Azure hawke  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Odonata | <i>Aeshna gra</i>  | Brown hawke  | 0 | < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Odonata | <i>Aeshna jun</i>  | Common haw   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata | <i>Anax imper</i>  | Emperor dra  | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata | <i>Brachytron</i>  | Hairy drago  | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata | <i>Calopteryx</i>  | Banded dem   | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Odonata | <i>Ceriagrion</i>  | Small red c  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata | <i>Coenagrion</i>  | Azure damse  | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Odonata | <i>Cordulegas</i>  | Golden-ring  | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Odonata | <i>Cordulia a</i>  | Downy emera  | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Odonata | <i>Enallagma</i>   | (Common blue | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Odonata | <i>Erythromma</i>  | Red-eyed da  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Odonata | <i>Gomphus vu</i>  | Club-tailed  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata | <i>Ischnura e</i>  | Blue-tailed  | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Odonata | <i>Ischnura pi</i> | Scarce blue  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata | <i>Lestes spo</i>  | Emerald dar  | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Odonata | <i>Libellula</i>   | (Broad-bodie | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |



|                |                     |                         |   |           |             |           |             |
|----------------|---------------------|-------------------------|---|-----------|-------------|-----------|-------------|
| Odonata        | <i>Libellula</i>    | Four-spotted            | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata        | <i>Orthetrum</i>    | Black-tailed            | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata        | <i>Orthetrum</i>    | Keeled skimmer          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata        | <i>Pyrrhosoma</i>   | Large red damselfly     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata        | <i>Somatochlora</i> | Brilliant damselfly     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Odonata        | <i>Sympetrum</i>    | Black damselfly         | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Odonata        | <i>Sympetrum</i>    | Yellow-winged damselfly | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata        | <i>Sympetrum</i>    | Ruddy damselfly         | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata        | <i>Sympetrum</i>    | Common damselfly        | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | -4 to -1% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | -4 to -1%   | HIGH      | < +1%       |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | -4 to -1% | < -7.5%     | HIGH      | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | NA                      | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Soldier beetle | <i>Malthinus</i>    | NA                      | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Malthinus</i>    | NA                      | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Soldier beetle | <i>Malthodes</i>    | NA                      | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Podabrus</i>     | a. NA                   | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | Common Red              | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | NA                      | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | NA                      | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | NA                      | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Soldier beetle | <i>Rhagonycha</i>   | NA                      | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Soldier beetle | <i>Rhagonycha</i>   | NA                      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Spiders        | <i>Achaearanea</i>  | NA                      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders        | <i>Achaearanea</i>  | NA                      | 0 | > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Spiders        | <i>Agalenatea</i>   | NA                      | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders        | <i>Agelena</i>      | Labyrinth               | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders        | <i>Agroeca</i>      | br. NA                  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders        | <i>Agroeca</i>      | in. NA                  | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Spiders        | <i>Agroeca</i>      | pr. NA                  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders        | <i>Agyneta</i>      | de. NA                  | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders        | <i>Agyneta</i>      | ol. NA                  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders        | <i>Agyneta</i>      | rai. NA                 | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Spiders        | <i>Agyneta</i>      | su. NA                  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders        | <i>Allomengea</i>   | NA                      | 0 | -4 to -1% | -4 to -1%   | MODERATE  | < +1%       |
| Spiders        | <i>Allomengea</i>   | NA                      | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders        | <i>Alopecosa</i>    | i. NA                   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders        | <i>Alopecosa</i>    | i. NA                   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders        | <i>Alopecosa</i>    | i. NA                   | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |

|         |                                |           |             |           |             |
|---------|--------------------------------|-----------|-------------|-----------|-------------|
| Spiders | <i>Amaurobius</i> NA           | 0 < -7.5% | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Amaurobius</i> NA           | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Amaurobius</i> NA           | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Anelosimus</i> NA           | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Anyphaena</i> Buzzing Spi   | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Aphileta m.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Araeoncus</i> NA            | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Araneus ma.</i> NA          | 0 > -1%   | < -7.5%     | MODERATE  | +1 to +4%   |
| Spiders | <i>Araneus qu.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Araneus st.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Araneus tr.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Araniella</i> NA            | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Araniella</i> NA            | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Arctosa le.</i> NA          | 0 > -1%   | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders | <i>Arctosa pe.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Argenna su.</i> NA          | 0 > -1%   | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Argyroneta</i> Water Spide  | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Atypus aff.</i> Purse Web S | 0 < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Ballus cha.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Baryphyma</i> NA            | 0 < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Baryphyma</i> NA            | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |
| Spiders | <i>Bathyphant</i> NA           | 0 < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Bathyphant</i> NA           | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Bathyphant</i> NA           | 0 < -7.5% | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Bathyphant</i> NA           | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Bianor aur.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Bolyphante.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Bolyphante.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Centromeri.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Centromeru.</i> NA          | 0 < -7.5% | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Centromeru.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Centromeru.</i> NA          | 0 < -7.5% | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Centromeru.</i> NA          | 0 < -7.5% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Ceratinell.</i> NA          | 0 < -7.5% | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Ceratinell.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Ceratinell.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ceratinops.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Cercidia p.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Cheiracanti.</i> NA         | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Cheiracanti.</i> NA         | 0 > -1%   | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Cicurina c.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Clubiona b.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona c.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona c.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona l.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Clubiona n.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Clubiona n.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |

|         |                                |   |           |             |           |             |
|---------|--------------------------------|---|-----------|-------------|-----------|-------------|
| Spiders | <i>Clubiona n</i> :NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Clubiona p</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona s</i> :NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Clubiona t</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Coelotes a</i> :NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Coelotes t</i> :NA          | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Crustulina</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Crustulina</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Cryphoeca</i> :NA           | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Diaea dors</i> :NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Dictyna ar</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Dictyna la</i> :NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Dictyna pu</i> .Small Mesh- | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Dictyna un</i> :NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Dicymbium</i> :NA           | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Diplocentr</i> :NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Diploceph</i> :NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Diploceph</i> :NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Diplostyla</i> NA           | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Spiders | <i>Dismodicus</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Dolomedes</i> :Raft Spider  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Donacochar</i> :NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Spiders | <i>Drassodes</i> :NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Drassyllus</i> NA           | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Drepanotyl</i> :NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Dysdera cr</i> :NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Dysdera er</i> :NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Enoplognat</i> :NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Enoplognat</i> :NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Enoplognat</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Episinus a</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Episinus t</i> :NA          | 0 | > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Spiders | <i>Erigone ar</i> :NA          | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Erigone at</i> :NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Erigone loi</i> :NA         | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Erigone pr</i> :NA          | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Ero cambri</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Ero furcat</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ero tuberc</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Euophrys f</i> :NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Evarcha ar</i> :NA          | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders | <i>Evarcha fa</i> :NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |

|         |                    |              |   |             |             |           |             |
|---------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Spiders | <i>Floronia b</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Gibbaranea</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Gnaphosa l</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Gnathonari</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Gongylidie</i>  | NA           | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Spiders | <i>Gongylidiu</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Hahnia nav</i>  | NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Halorates</i>   | NA           | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Spiders | <i>Haplodrass</i>  | Heath Grass  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Haplodrass</i>  | NA           | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Haplodrass</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Harpactea</i>   | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Heliophanu</i>  | NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Heliophanu</i>  | NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Hilaira ex</i>  | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Hilaira fr</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Hilaira pe</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Hylyphante</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Hypomma co</i>  | NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Hypomma fu</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Hypseliste</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Hypsosinga</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Hypsosinga</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Hypsosinga</i>  | NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Kaestneria</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Kaestneria</i>  | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Labulla th</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Larinioide</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Lathys hum</i>  | NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Latithorax</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Leptyphan</i>   | NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Leptothrix</i>  | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Spiders | <i>Linyphia h</i>  | NA           | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Spiders | <i>Linyphia t</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Lophomma pi</i> | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Mangora ac</i>  | NA           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Maro minuti</i> | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Maso sunde</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Mecopisthe</i>  | Peus' s Long | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Meioneta i</i>  | NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Meioneta m</i>  | Thin Weblet  | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |

|         |                               |   |             |             |           |             |
|---------|-------------------------------|---|-------------|-------------|-----------|-------------|
| Spiders | <i>Meioneta r</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Meioneta s</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Metellina i</i> NA         | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Spiders | <i>Metellina i</i> NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Metopobact</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Micrargus i</i> NA         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Micrargus i</i> NA         | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Spiders | <i>Micrargus i</i> NA         | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Microliny</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Microliny</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Micrommata</i> Green Spide | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Milleriana</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Minyriolus</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Misumena v</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Moebelia p</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Monocephal</i> Broad Groov | 1 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Spiders | <i>Monocephal</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Neoscona a</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Nerienne cl</i> NA         | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Nerienne fu</i> NA         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Nerienne moi</i> NA        | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Nerienne pe</i> NA         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Nesticus c</i> Comb-footec | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Nuctenea u</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Oedothorax</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Oedothorax</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Oedothorax</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Oreonetide</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Ostearius i</i> NA         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ozyptila b</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ozyptila p</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Ozyptila s</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Ozyptila s</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Ozyptila t</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Pachygnath</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Pachygnath</i> NA          | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Pachygnath</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Panamomops</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Pardosa ag</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Pardosa am</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Pardosa ho</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Pardosa moi</i> NA         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Pardosa ni</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Pardosa pa</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pardosa pr</i> NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders | <i>Pardosa pu</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Pardosa sa</i> NA          | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |

|         |                                 |   |             |             |           |             |
|---------|---------------------------------|---|-------------|-------------|-----------|-------------|
| Spiders | <i>Pelecopsis</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Pelecopsis</i> NA            | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Pelecopsis</i> NA            | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Spiders | <i>Pelecopsis</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Philodromu</i> .NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Philodromu</i> .NA           | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA           | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Spiders | <i>Phrurolithi</i> .NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pirata lat</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Pirata pir</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Pirata pis</i> .NA           | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Spiders | <i>Pisaura mi</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pityohyphai</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Pocadicnem</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pocadicnem</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Poecilonet</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Porrhomma i</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Porrhomma i</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Porrhomma i</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Porrhomma i</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Porrhomma i</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Robertus ai</i> .NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Robertus l</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Saaristoa i</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Saaristoa i</i> .Triangle He | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Spiders | <i>Saloca dic</i> .NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Salticus c</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Salticus s</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Satilatlas</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Scotina gr</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Scotophaeu</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Segestria i</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Silometopu</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Silometopu</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Silometopu</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Singa hama</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Sitticus c</i> .Sedge Jump   | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Sitticus pi</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Sitticus s</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders | <i>Stemonypha</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Syedra gra</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Tallusia e</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Tapinocyba</i> NA            | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |

|             |                    |              |               |             |           |             |
|-------------|--------------------|--------------|---------------|-------------|-----------|-------------|
| Spiders     | <i>Tapinocyba</i>  | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Tapinopa</i>    | NA           | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders     | <i>Taranucnus</i>  | NA           | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Tegenaria</i>   | NA           | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Tegenaria</i>   | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Tegenaria</i>   | House Spider | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders     | <i>Tegenaria</i>   | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Tetragnatha</i> | NA           | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Tetragnatha</i> | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Tetragnatha</i> | NA           | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Textrix</i>     | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders     | <i>Thanatus</i>    | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Theonoe</i>     | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Theridion</i>   | NA           | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Spiders     | <i>Theridion</i>   | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Theridion</i>   | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Theridion</i>   | NA           | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders     | <i>Theridion</i>   | NA           | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Theridion</i>   | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Theridion</i>   | NA           | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Theridiosol</i> | Ray Spider   | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders     | <i>Tibellus</i>    | NA           | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Tmeticus</i>    | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Trichopteri</i> | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders     | <i>Trochosa</i>    | NA           | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Spiders     | <i>Walckenaer</i>  | NA           | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Xysticus</i>    | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Xysticus</i>    | NA           | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Xysticus</i>    | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Xysticus</i>    | NA           | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders     | <i>Xysticus</i>    | NA           | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders     | <i>Zelotes</i>     | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Zilla</i>       | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Zora</i>        | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders     | <i>Zygiella</i>    | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Acer campe</i>  | Field Maple  | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |

|             |                     |              |               |             |           |             |
|-------------|---------------------|--------------|---------------|-------------|-----------|-------------|
| Vascular pl | <i>Aceras ant.</i>  | Man Orchid   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Achillea p.</i>  | Sneezewort   | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Aconitum n.</i>  | Monk's-hood  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Actaea spi.</i>  | Baneberry    | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Adiantum c.</i>  | Maidenhair   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Adoxa mosci.</i> | Moschatel    | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Aethusa cy.</i>  | Fool's Pars  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Aethusa cy.</i>  | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Agrimonia</i>    | Agrimony     | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Agrostemma</i>   | Corncockle   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Agrostis c.</i>  | Velvet Bent  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Agrostis c.</i>  | Bristle Ber  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Agrostis g.</i>  | Black Bent   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Agrostis s.</i>  | Creeping Be  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Agrostis v.</i>  | Brown Bent   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ajuga pyra.</i>  | Pyramidal F  | 1 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ajuga rept.</i>  | Bugle        | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular pl | <i>Alchemilla</i>   | Alpine Lady  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Alchemilla</i>   | Hairy Lady'  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Alchemilla</i>   | Slender Lac  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Alchemilla</i>   | Smooth Lady  | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Alchemilla</i>   | Pale Lady's  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Alisma lan.</i>  | Narrow-leav  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Alisma plai.</i> | Water-plant  | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Alliaria p.</i>  | Garlic Must  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Allium ole.</i>  | Field Garli  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Allium sco.</i>  | Sand Leek    | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Allium urs.</i>  | Ramsons      | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Alnus glut.</i>  | Alder        | 0 -7.5 to -4% | > -1%       | MODERATE  | < +1%       |
| Vascular pl | <i>Alopecurus</i>   | Bulbous Fox  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Alopecurus</i>   | Marsh Foxta  | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular pl | <i>Alopecurus</i>   | Black-grass  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Alopecurus</i>   | Meadow Foxt  | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular pl | <i>Althaea of.</i>  | Marsh-mallic | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Anagallis</i>    | Scarlet Pir  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Anagallis</i>    | Scarlet Pir  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Anagallis</i>    | Chaffweed    | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Andromeda</i>    | Bog-rosemar  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Anemone nei.</i> | Wood Anemor  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Antennaria</i>   | Mountain Ev  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Anthemis a.</i>  | Corn Chamom  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Anthoxanthi.</i> | Sweet Verne  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Anthriscus</i>   | Cow Parsley  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Apera spic.</i>  | Loose Silky  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Aphanes ar.</i>  | Parsley-pic  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Aphanes au.</i>  | Slender Par  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Apium inun.</i>  | Lesser Mars  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |



|             |                    |                           |   |             |             |           |             |
|-------------|--------------------|---------------------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Apium nodi</i>  | Fool's-water              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Arctium laj</i> | Greater Burdock           | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Arctium mi</i>  | NA                        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Arenaria s</i>  | Thyme-leaved              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Arenaria s</i>  | Slender Sandwort          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Arenaria s</i>  | Thyme-leaved              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Armoracia</i>   | Horse-radish              | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Arrhenathe</i>  | False Oat-grass           | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Artemisia</i>   | Mugwort                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Arum itali</i>  | Italian Loropetalum       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Arum macul</i>  | Lords-and-Ladies          | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Asparagus</i>   | Garden Asparagus          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Asperula c</i>  | Squinancywort             | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Asplenium</i>   | Black Spleenwort          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Asplenium</i>   | Lanceolate Spleenwort     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Asplenium</i>   | Maidenhair                | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Asplenium</i>   | NA                        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Asplenium</i>   | NA                        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Athyrium f</i>  | Lady-fern                 | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Atriplex g</i>  | Babington's Salt-tolerant | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Atriplex p</i>  | Common Orach              | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Atriplex p</i>  | Spear-leaved              | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Atropa bel</i>  | Deadly Nightshade         | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Avena fatu</i>  | Wild-oat                  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Baldellia</i>   | Lesser Water-pennywort    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ballota ni</i>  | Black Horehound           | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Barbarea v</i>  | Winter-cress              | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bellis per</i>  | Daisy                     | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Beta vulga</i>  | Beet                      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Betula pen</i>  | Silver Birch              | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Betula pub</i>  | Downy Birch               | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Betula pub</i>  | NA                        | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bidens ceri</i> | Nodding Burdock           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Blackstoni</i>  | Yellow-wort               | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Blechnum s</i>  | Hard-fern                 | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Blysmus coi</i> | Flat-sedge                | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Brachypodi</i>  | Tor-grass                 | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Brachypodi</i>  | False Bromegrass          | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Brassica o</i>  | Cabbage                   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Brassica r</i>  | Turnip                    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Briza medi</i>  | Quaking-grass             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Briza mino</i>  | Lesser Quaking-grass      | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bromopsis</i>   | Hairy-bromegrass          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bromus hor</i>  | Soft-bromegrass           | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bromus hor</i>  | Least Soft-bromegrass     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bromus hor</i>  | Common Soft-bromegrass    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bromus hor</i>  | Sand Soft-bromegrass      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|             |                    |             |   |             |             |           |             |
|-------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Bromus rac</i>  | Smooth Bro  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bryonia di</i>  | White Bryo  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Bupleurum</i>   | Slender Ha  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Buxus semp</i>  | Box         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cakile mar</i>  | Sea Rocket  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Calamagros</i>  | Purple Smal | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Calamagros</i>  | Narrow Smal | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Callitrich</i>  | Intermediat | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Callitrich</i>  | Autumnal We | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Callitrich</i>  | Blunt-fruit | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Callitrich</i>  | Common Wate | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Callitrich</i>  | NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Calluna vu</i>  | Heather     | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Caltha pal</i>  | Marsh-mari  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Calystegia</i>  | Hedge Bindv | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Calystegia</i>  | NA          | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Calystegia</i>  | Great Bindv | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Calystegia</i>  | Sea Bindwee | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Campanula</i>   | Giant Bell  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Campanula</i>   | Harebell    | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Capsella bi</i> | Shepherd's- | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Cardamine</i>   | Large Bitt  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Cardamine</i>   | Coralroot   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cardamine</i>   | Wavy Bitter | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cardamine</i>   | Hairy Bitt  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cardamine</i>   | Narrow-leav | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Cardamine</i>   | Cuckooflowe | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carduus cr</i>  | Wetted This | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Carex acut</i>  | Slender Tut | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex appr</i>  | Fibrous Tus | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular pl | <i>Carex aqua</i>  | Water Sedge | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex atra</i>  | Black Alpi  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex bige</i>  | Stiff Sedge | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex bine</i>  | Green-ribbe | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex capi</i>  | Hair Sedge  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex dian</i>  | Lesser Tus  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Carex digi</i>  | Fingered Se | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular pl | <i>Carex dioi</i>  | Dioecious S | 0 | > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Carex dist</i>  | Distant Sec | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Carex divu</i>  | Grey Sedge  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Carex divu</i>  | Many-leave  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex echi</i>  | Star Sedge  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Carex elong</i> | Elongated S | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Carex eric</i>  | Rare Spring | 1 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Vascular pl | <i>Carex hirt</i>  | Hairy Sedge | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex host</i>  | Tawny Sedge | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex humi</i>  | Dwarf Sedge | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|             |                    |             |   |             |             |           |             |
|-------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Carex mages</i> | Tall Bog-se | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex muric</i> | Prickly Sec | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex muric</i> | Small-fruit | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Carex nigr</i>  | Common Sedg | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex otru</i>  | False Fox-s | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Carex oval</i>  | Oval Sedge  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Carex pani</i>  | Carnation S | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Carex pani</i>  | Greater Tus | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex pauc</i>  | Few-flower  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Carex pilu</i>  | Pill Sedge  | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Carex pseu</i>  | Cyperus Sec | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex punc</i>  | Dotted Sedg | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Carex remo</i>  | Remote Sedg | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Carex ripa</i>  | Greater Por | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Carex spic</i>  | Spiked Sedg | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex stri</i>  | Thin-spike  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Carex vagi</i>  | Sheathed S  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex vesi</i>  | Bladder-sec | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Carex viri</i>  | Common Yell | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Carpinus b</i>  | Hornbeam    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Castanea s</i>  | Sweet Chest | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Catabrosa</i>   | Whorl-grass | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Catapodium</i>  | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular pl | <i>Centaurea</i>   | Cornflower  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Centaureum</i>  | Common Cent | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Centaureum</i>  | Seaside Cer | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cephalanth</i>  | White Helle | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cerastium</i>   | Sea Mouse-e | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cerastium</i>   | Common Mous | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Cerastium</i>   | NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cerastium</i>   | NA          | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cerastium</i>   | Dwarf Mouse | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ceratocapn</i>  | Climbing Co | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ceratophyl</i>  | Rigid Hornv | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ceratophyl</i>  | Soft Hornw  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Chaenorhin</i>  | Small Toad  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Chaerophyl</i>  | Rough Chery | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Chamaemel</i>   | Chamomile   | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Chelidoni</i>   | Greater Cel | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Chenopodiu</i>  | Fat-hen     | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Chenopodiu</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Chenopodiu</i>  | Fig-leaved  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Chenopodiu</i>  | Stinking G  | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Chrysanth</i>   | Corn Marig  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Chrysosple</i>  | Opposite-le | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Cicendia f</i>  | Yellow Cent | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cichorium</i>   | Chicory     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|             |                    |              |   |             |             |           |             |
|-------------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Cicuta vir</i>  | Cowbane      | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Circaea lu</i>  | Enchanter's  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cirsium er</i>  | Woolly Thist | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cirsium he</i>  | Melancholy   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Cochlearia</i>  | English Sc   | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Cochlearia</i>  | Common Scu   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cochlearia</i>  | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cochlearia</i>  | Pyrenean Sc  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Colchicum</i>   | Meadow Saf   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Conopodium</i>  | Pignut       | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Corallorhi</i>  | Coralroot (  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cornus san</i>  | Dogwood      | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Cornus sue</i>  | Dwarf Corne  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Coronopus</i>   | Swine-cress  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Crataegus</i>   | Hawthorn     | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Crepis cap</i>  | Smooth Hawk  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Crepis pal</i>  | Marsh Hawk'  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular pl | <i>Crithmum m</i>  | Rock Samphi  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cruciata l</i>  | Crosswort    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cryptogram</i>  | Parsley Fer  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cuscuta ep</i>  | Dodder       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Cuscuta eu</i>  | Greater Doc  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Cynosurus</i>   | Crested Dog  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cyperus lo</i>  | Galingale    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Cystopteris</i> | Brittle Bla  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular pl | <i>Cytisus sc</i>  | Broom        | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular pl | <i>Cytisus sc</i>  | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dactylorhi</i>  | Common Spot  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Dactylorhi</i>  | Early Marsh  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Dactylorhi</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Dactylorhi</i>  | Northern Ma  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dactylorhi</i>  | Narrow-leav  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Daucus car</i>  | Carrot       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Daucus car</i>  | Wild Carrot  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Daucus car</i>  | Sea Carrot   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Deschampsia</i> | Wavy Hair-g  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Deschampsia</i> | Bog Hair-gr  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Dianthus a</i>  | Deptford Pi  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dianthus d</i>  | Maiden Pink  | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Digitalis</i>   | Foxglove     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dipsacus fi</i> | Wild Teasel  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dipsacus p</i>  | Small Tease  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Draba inca</i>  | Hoary Whitl  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Draba mura</i>  | Wall Whitl   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Drosera an</i>  | Great Sunde  | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Drosera in</i>  | Oblong-leav  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | Golden-scal  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |

|             |                    |              |   |             |             |           |             |
|-------------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Dryopteris</i>  | Buckler-Fer  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | Broad Buckl  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | Northern Bu  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | Male-fern    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | Mountain Ma  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Dryopteris</i>  | Rigid Buckl  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Echium vulg</i> | Viper's-bug  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Elatine hy</i>  | Eight-stame  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Eleocharis</i>  | Common Spik  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Eleocharis</i>  | Few-flower   | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Elymus can</i>  | Bearded Cou  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular pl | <i>Elytrigia i</i> | Common Cou   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Empetrum n</i>  | Crowberry    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Empetrum n</i>  | Mountain Cr  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Empetrum n</i>  | Crowberry    | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Epilobium i</i> | Chickweed V  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Epilobium i</i> | Alpine Will  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Epilobium i</i> | Great Will   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Epilobium i</i> | Spear-leave  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Epilobium i</i> | Short-fruit  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Epilobium i</i> | Marsh Will   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Epilobium i</i> | Hoary Will   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Epilobium i</i> | Pale Willow  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Epilobium i</i> | Square-stal  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Epipactis i</i> | Marsh Helle  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Epipactis i</i> | Green-flowe  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular pl | <i>Epipactis i</i> | Violet Helle | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Equisetum i</i> | Rough Horse  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Equisetum i</i> | Shady Horse  | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular pl | <i>Equisetum i</i> | Wood Horset  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Equisetum i</i> | Variegated   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Erica cine</i>  | Bell Heathe  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Erica tetr</i>  | Cross-leave  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular pl | <i>Erica vagai</i> | Cornish Hea  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Eriophorum</i>  | Common Cott  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular pl | <i>Eriophorum</i>  | Hare's-tail  | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Erodium lei</i> | Sticky Stor  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Erodium ma</i>  | Sea Stork's  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Erodium mo</i>  | Musk Stork'  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Erophila v</i>  | Common Whit  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Erysimum c</i>  | Wallflower   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Euonymus ei</i> | Spindle      | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular pl | <i>Euphorbia i</i> | Caper Spurg  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Euphorbia i</i> | Petty Spurg  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Euphorbia i</i> | Broad-leave  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Euphrasia i</i> | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Vascular p  <i>Euphrasia</i>  Confused Eye  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Euphrasia</i>  Slender Eye   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Euphrasia</i>  NA            | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p  <i>Euphrasia</i>  Chalk Eyeb    | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Euphrasia</i>  Scottish Eye  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Euphrasia</i>  Western Eye   | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p  <i>Euphrasia</i>  Cornish Eye   | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p  <i>Fagus sylv</i>  Beech        | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p  <i>Fallopia ca</i>  Black-bindv | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Festuca ar</i>  Rush-leavec  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Festuca ar</i>  Tall Fescue  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Festuca fi</i>  Fine-leavec  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Festuca gi</i>  Giant Fescu  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Festuca ov</i>  Sheep's-fes  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p  <i>Festuca pr</i>  Meadow Fesc  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Festuca ru</i>  Red Fescue   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p  <i>Festuca ru</i>  NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Festuca ru</i>  NA           | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p  <i>Festuca vi</i>  Viviparous   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Foeniculum</i>  Fennel       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Frankenia</i>  Sea-heath     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Fraxinus e</i>  Ash          | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p  <i>Fritillari</i>  Fritillary   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Fumaria ba</i>  Tall Rampir  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Fumaria de</i>  Dense-flowe  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Fumaria mu</i>  Common Ramp  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Fumaria mu</i>  Boreau's Ra  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Fumaria oc</i>  Western Ran  | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Vascular p  <i>Fumaria of</i>  Common Fumi  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p  <i>Fumaria of</i>  NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Fumaria of</i>  NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p  <i>Fumaria pa</i>  Fine-leavec  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Fumaria pu</i>  Purple Ramp  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Fumaria va</i>  Few-flowere  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Gagea lute</i>  Yellow Star  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Galeopsis</i>  Red Hemp-ne   | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Galeopsis</i>  Large-flowe   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Galeopsis</i>  Common Hemp   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Galeopsis</i>  NA            | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p  <i>Galium apa</i>  Cleavers     | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p  <i>Galium bor</i>  Northern Be  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p  <i>Galium mol</i>  Hedge Bedst  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Galium odo</i>  Woodruff     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Galium pal</i>  Common Mars  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Galium pum</i>  NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Vascular p  <i>Galium sax</i>  Heath Bedst  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p  <i>Galium ste</i>  Limestone F  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|   |               |             |           |             |
|---|---------------|-------------|-----------|-------------|
| Vascular p  <i>Gastridium</i> Nit-grass     | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Gaudinia f</i> French Oat-   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Genista ti</i> Dyer's Gree   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Gentianell</i> :NA           | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Gentianell</i> :Chiltern Ge  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Geranium c</i> Long-stalke   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Geranium d</i> Cut-leaved    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Geranium l</i> Shining Cra   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Geranium m</i> Dove's-foot   | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p  <i>Geranium p</i> Little-Robi   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Geranium pi</i> Small-flowe  | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p  <i>Geranium r</i> Herb-Robert   | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p  <i>Geranium s</i> Wood Crane'   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Geum rival</i> Water Avens   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Geum urban</i> Wood Avens    | 0 -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Glechoma h</i> Ground-ivy    | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p  <i>Glyceria d</i> Small Sweet   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Glyceria f</i> Floating Sv   | 0 < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular p  <i>Glyceria m</i> Reed Sweet-   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Glyceria n</i> Plicate Swe   | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Gnaphalium</i> Heath Cudwe   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Gnaphalium</i> Marsh Cudwe   | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p  <i>Goodyera r</i> Creeping La   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Groenlandi</i> :Opposite-le  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Gymnadenia</i> NA            | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Gymnadenia</i> NA            | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Gymnocarpi</i> Limestone F   | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Hammarbya i</i> Bog Orchid   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Hedera hel</i> .Common Ivy   | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p  <i>Hedera hel</i> .Common Ivy   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Hedera 'Hi</i> Irish Ivy     | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p  <i>Helianthem</i> Common Rock   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Helictotri</i> Meadow Oat-   | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Helleborus</i> Stinking He   | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p  <i>Helleborus</i> Green Helle   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Herminium i</i> Musk Orchid  | 1 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Herniaria i</i> Smooth Rupt  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Himantoglo</i> .Lizard Orch  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Hippocrepis</i> .Horseshoe V | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Hippuris v</i> Mare's-tail   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Holcus mol</i> .Creeping Sc  | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p  <i>Hordelymus</i> Wood Barley   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Hordeum mu</i> .Wall Barley  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Hordeum se</i> Meadow Barl   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Humulus lu</i> Hop           | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Huperzia s</i> Fir Clubmos   | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Hyacinthoi</i> .Bluebell     | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |

|             |                    |             |   |             |             |           |             |
|-------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Hydrocotyl</i>  | Marsh Penny | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Hymenophyl</i>  | Tunbridge F | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Hymenophyl</i>  | Wilson's F  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Hypericum</i>   | Tutsan      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Hypericum</i>   | Pale St Joh | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Hypericum</i>   | Perforate S | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Hypericum</i>   | Slender St  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Hypericum</i>   | Square-stal | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Hypericum</i>   | Wavy St Joh | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Hypochaeri</i>  | Smooth Cat' | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ilex aquif</i>  | Holly       | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Illecebrum</i>  | Coral-neckl | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Inula cony</i>  | Ploughman's | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Inula helei</i> | Elecampane  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Iris pseud</i>  | Yellow Iris | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Isoetes eci</i> | Spring Quil | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Isolepis c</i>  | Slender Clu | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Jasione moi</i> | Sheep's-bit | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Juncus acu</i>  | Sharp-flowe | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Juncus acu</i>  | Sharp Rush  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Juncus alp</i>  | Alpine Rus  | 0 | > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Vascular pl | <i>Juncus amb</i>  | Frog Rush   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Juncus art</i>  | Jointed Rus | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Juncus bal</i>  | Baltic Rus  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Juncus buf</i>  | Toad Rush   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Juncus bulb</i> | Bulbous Rus | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Juncus bulb</i> | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Juncus comp</i> | Round-fruit | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Juncus fol</i>  | Leafy Rush  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Juncus inf</i>  | Hard Rush   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Juncus tri</i>  | Three-flowe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Juniperus</i>   | Common Juni | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Juniperus</i>   | Dwarf Junip | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Knautia ar</i>  | Field Scabi | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Lactuca se</i>  | Prickly Let | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Lamiastrum</i>  | Yellow Arch | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Lamium alb</i>  | White Dead- | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Lamium amp</i>  | Henbit Deac | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Lamium con</i>  | Northern De | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Lamium pur</i>  | Red Dead-ne | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Lapsana coi</i> | Nipplewort  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Lathyrus a</i>  | Yellow Vetc | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Lathyrus j</i>  | Sea Pea     | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Lathyrus l</i>  | Bitter-vetc | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Lathyrus p</i>  | Marsh Pea   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Legousia h</i>  | Venus's-loc | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Lemna gibb</i>  | Fat Duckwee | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |



|            |                    |             |   |             |             |           |             |
|------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Lemna mino</i>  | Common Duck | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Lemna trisi</i> | Ivy-leaved  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Leontodon</i>   | Autumn Hawk | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Leontodon</i>   | Rough Hawk  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Leontodon</i>   | Lesser Hawk | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lepidium h</i>  | Smith's Pe  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lepidium r</i>  | Narrow-leav | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Leucanthem</i>  | Oxeye Daisy | 0 | -7.5 to -4% | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Leymus are</i>  | Lyme-grass  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Limonium h</i>  | Lax-flowere | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Limosella</i>   | Mudwort     | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Linaria vu</i>  | Common Toa  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Linum bien</i>  | Pale Flax   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Linum pere</i>  | Perennial F | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Listera ov</i>  | Common Tway | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Lithosperm</i>  | Purple Gron | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lolium per</i>  | Perennial F | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Lonicera p</i>  | Honeysuckle | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Lotus angu</i>  | Slender Bir | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular p | <i>Lotus pedu</i>  | Greater Bir | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Lotus subb</i>  | Hairy Bird' | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Luronium n</i>  | Floating We | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Luzula cam</i>  | Field Wood- | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Luzula for</i>  | Southern We | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Luzula mul</i>  | Heath Wood- | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Luzula mul</i>  | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Luzula pil</i>  | Hairy Wood- | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Luzula syl</i>  | Great Wood- | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p | <i>Lychnis fl</i>  | Ragged-Robi | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Lycopus eu</i>  | Gypsywort   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p | <i>Lysimachia</i>  | Yellow Pimp | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lysimachia</i>  | Tufted Loos | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Malus sylv</i>  | Crab Apple  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Malva mosc</i>  | Musk-mallo  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Malva sylv</i>  | Common Mall | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Marrubium</i>   | White Horeh | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Medicago a</i>  | Spotted Mec | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Medicago l</i>  | Black Medic | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Medicago m</i>  | Bur Medick  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Medicago p</i>  | Toothed Mec | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Medicago s</i>  | Lucerne     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Melampyrum</i>  | Common Cow- | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Melampyrum</i>  | Small Cow-v | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Melilotus</i>   | Tall Melilo | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Melittis m</i>  | Bastard Bal | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Mentha aqu</i>  | Water Mint  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Mentha pul</i>  | Pennyroyal  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|            |                   |             |   |             |             |           |             |
|------------|-------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Mentha spi</i> | Spear Mint  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Mentha sua</i> | Round-leave | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Mercuriali</i> | Dog's Mercu | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Minuartia</i>  | Fine-leavec | 1 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p | <i>Minuartia</i>  | Spring Sanc | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Moehringia</i> | Three-nerve | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Moenchia e</i> | Upright Chi | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Montia fon</i> | Blinks      | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Montia fon</i> | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Montia fon</i> | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Muscari ne</i> | Grape-hyaci | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Myosotis a</i> | Field Forge | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p | <i>Myosotis d</i> | Changing Fo | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Myosotis l</i> | Tufted Forç | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Myosotis s</i> | Creeping Fo | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p | <i>Myosotis s</i> | Pale Forget | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Myosotis s</i> | Wood Forget | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p | <i>Myosurus m</i> | Mousetail   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Myrica gal</i> | Bog-myrtle  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p | <i>Myriophyll</i> | Whorled Wat | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Najas flex</i> | Slender Nai | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Narcissus</i>  | Daffodil    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Nardus str</i> | Mat-grass   | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Narthecium</i> | Bog Asphode | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Vascular p | <i>Nepeta cat</i> | Cat-mint    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Odontites</i>  | Red Bartsia | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Odontites</i>  | NA          | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p | <i>Odontites</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Oenanthe a</i> | Fine-leavec | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Oenanthe c</i> | Hemlock Wat | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Oenanthe p</i> | Corky-fruit | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Ononis rep</i> | Common Rest | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Onopordum</i>  | Cotton This | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Ophiogloss</i> | Adder's-tor | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Ophrys sph</i> | Early Spide | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Orchis mas</i> | Early-purpl | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Orchis ust</i> | Burnt Orchi | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Oreopteris</i> | Lemon-scent | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular p | <i>Ornithogal</i> | Spiked Star | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Ornithogal</i> | Star-of-Bet | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Orobanche</i>  | Thyme Broo  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Orobanche</i>  | Knapweed Br | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Orobanche</i>  | Common Broc | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Oxalis ace</i> | Wood-sorrel | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Papaver ar</i> | Prickly Pop | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Papaver du</i> | Long-headc  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Papaver du</i> | Yellow-juic | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|             |                   |              |               |             |           |             |
|-------------|-------------------|--------------|---------------|-------------|-----------|-------------|
| Vascular pl | <i>Papaver rh</i> | Common Poppr | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Parapholis</i> | Hard-grass   | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Parentucel</i> | Yellow Bart  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Pediculari</i> | Lousewort    | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Persicaria</i> | Amphibious   | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Persicaria</i> | Water-peppe  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Persicaria</i> | Pale Persic  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Persicaria</i> | Redshank     | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Persicaria</i> | Small Water  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Persicaria</i> | Tasteless V  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Persicaria</i> | Alpine Bist  | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular pl | <i>Petroselin</i> | Garden Pars  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Petroselin</i> | Corn Parsle  | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Peucedanum</i> | Milk-parsle  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Phalaris a</i> | Reed Canary  | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Phegopter</i>  | Beech Fern   | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Phleum alp</i> | Alpine Cat'  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Phleum ber</i> | Smaller Cat  | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Phleum pra</i> | Timothy      | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Phleum pra</i> | NA           | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Phragmites</i> | Common Reec  | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Phyllitis</i>  | Hart's-tong  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Picris ech</i> | Bristly Oxt  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Pilularia</i>  | Pillwort     | 1 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Pimpinella</i> | Greater Bu   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Pimpinella</i> | Burnet-saxi  | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Pinguicula</i> | Common Butt  | 0 -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular pl | <i>Plantago c</i> | Buck's-horr  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Plantago l</i> | Ribwort Pla  | 0 -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Plantago m</i> | NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Plantago m</i> | NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Plantago m</i> | Sea Plantai  | 0 -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Poa bulbos</i> | Bulbous Mea  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Poa humili</i> | Spreading M  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Poa nemora</i> | Wood Meadov  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Poa prat</i>   | NA           | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Poa prat</i>   | Smooth Meac  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Poa trivia</i> | Rough Mead   | 0 > -1%       | > -1%       | LOW       | < +1%       |
| Vascular pl | <i>Polemonium</i> | Jacob's-lac  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Polygala c</i> | Chalk Milkv  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Polygala s</i> | Heath Milkv  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Polygala v</i> | Common Milk  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Polygonatu</i> | Solomon's-s  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Polygonatu</i> | Angular Sol  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Polygonum</i>  | Equal-leave  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Polygonum</i>  | Knotgrass    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Polygonum</i>  | NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |

|             |                             |              |   |             |             |           |             |
|-------------|-----------------------------|--------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Polygonum</i>            | Ray's Knotg  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Polygonum</i>            | Cornfield F  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Polypodium</i>           | Southern Pc  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Polypodium</i>           | Intermediat  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Polypodium</i>           | Polypody     | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Polypodium</i>           | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Polystichum</i>          | Soft Shield  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Populus nigra</i>        | Black-poplar | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Potamogeton</i>          | Fen Pondwee  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Potamogeton</i>          | Grass-wrack  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Potamogeton</i>          | Flat-stalke  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Potamogeton</i>          | Broad-leave  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Potamogeton</i>          | Fennel Pond  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Potamogeton</i>          | Bog Pondwee  | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Potamogeton</i>          | Hairlike Pc  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Potentilla</i>           | Trailing To  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Potentilla</i>           | Silverweed   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Potentilla</i>           | Alpine Cinc  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular pl | <i>Potentilla</i>           | Tormentil    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Potentilla</i>           | Shrubby Cir  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Potentilla</i>           | Spring Cinc  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Potentilla</i>           | Creeping Ci  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Potentilla</i>           | Barren Stra  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Primula elatior</i>      | Oxlip        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Primula veris</i>        | Cowslip      | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Primula vulgaris</i>     | Primrose     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Prunella vulgaris</i>    | Selfheal     | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Prunus cerasifera</i>    | Dwarf Cherr  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Prunus domestica</i>     | Wild Plum    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Prunus domestica</i>     | Plum         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Prunus domestica</i>     | Bullace; Dar | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Prunus padalis</i>       | Bird Cherry  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular pl | <i>Prunus spinosa</i>       | Blackthorn   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Pteridium aquilinum</i>  | Bracken      | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular pl | <i>Puccinellia</i>          | Stiff Saltr  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Pulicaria vulgaris</i>   | Common Flea  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Pulmonaria</i>           | Narrow-leav  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Pulsatilla</i>           | Pasqueflowe  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular pl | <i>Pyrola media</i>         | Intermediat  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Pyrola rotundifolia</i>  | Round-leave  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Pyrola rotundifolia</i>  | Wintergreer  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Quercus pedunculata</i>  | Sessile Oak  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Quercus robur</i>        | Pedunculate  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Radiola linum</i>        | Allseed      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ranunculus acris</i>     | Meadow But   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Ranunculus aquatilis</i> | Common Wate  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ranunculus repens</i>    | Corn Butter  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |

|             |                                     |                 |   |           |             |           |             |
|-------------|-------------------------------------|-----------------|---|-----------|-------------|-----------|-------------|
| Vascular pl | <i>Ranunculus</i>                   | Bulbous But     | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Ranunculus</i>                   | Lesser Cel      | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Ranunculus</i>                   | NA              | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ranunculus</i>                   | NA              | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ranunculus</i>                   | Lesser Spe      | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Ranunculus</i>                   | River Water     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Ranunculus</i>                   | Round-leave     | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Ranunculus</i>                   | Stream Water    | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ranunculus</i>                   | NA              | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Ranunculus</i>                   | NA              | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ranunculus</i>                   | Thread-leave    | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ranunculus</i>                   | Three-lobed     | 1 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Raphanus r.</i>                  | Wild Radish     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Reseda lutea</i>                 | Weld            | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Rhinanthus</i>                   | Yellow-ratt     | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Rhinanthus</i>                   | NA              | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rhinanthus</i>                   | NA              | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ribes alpi</i>                   | Mountain Curr   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Ribes rubri</i>                  | Red Currant     | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Ribes spica</i>                  | Downy Currant   | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rorippa minor</i>                | Narrow-frui     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rorippa nasturtium-aquaticum</i> | Water-cress     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rorippa nasturtium-aquaticum</i> | NA              | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rorippa nasturtium-aquaticum</i> | Creeping Yellow | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rosa arvensis</i>                | Field-rose      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rosa caesia</i>                  | NA              | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rosa caesia</i>                  | Hairy Dog-rose  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rosa canina</i>                  | Dog-rose        | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rosa micraea</i>                 | Small-flowe     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rosa mollis</i>                  | Soft Downy-     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rosa rubiginosa</i>              | Sweet-briar     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rosa stylosa</i>                 | Short-style     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Rosa tomentosa</i>               | Harsh Downy     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rubia perigrina</i>              | Wild Madder     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rubus chamaemorus</i>            | Cloudberry      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rubus fruticosus</i>             | Bramble         | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rubus idaeus</i>                 | Raspberry       | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Rubus saxatilis</i>              | Stone Brambl    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Rumex acetosella</i>             | Common Sorrel   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Rumex acetosella</i>             | Sheep's Sorrel  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rumex acetosella</i>             | Narrow-Leaved   | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Rumex conglomeratus</i>          | Clustered I     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rumex crispus</i>                | NA              | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Rumex palustris</i>              | Marsh Dock      | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Rumex rupestris</i>              | Shore Dock      | 1 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Rumex sanguinalis</i>            | Wood Dock       | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ruppia cirsioides</i>            | Spiral Tass     | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |

|             |                    |             |   |             |             |           |             |
|-------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Ruppia mar</i>  | Beaked Tass | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Ruscus acu</i>  | Butcher's-s | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sagina ape</i>  | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Sagina mar</i>  | Sea Pearlw  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Sagina nod</i>  | Knotted Pea | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Sagina pro</i>  | Procumbent  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sagina sub</i>  | Heath Pearl | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Sagittaria</i>  | Arrowhead   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Salicornia</i>  | Long-spike  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Salicornia</i>  | Common Glas | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salicornia</i>  | Yellow Glas | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salicornia</i>  | One-flower  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salicornia</i>  | Purple Glas | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salix alba</i>  | White Will  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Salix auri</i>  | Eared Will  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Salix capr</i>  | Goat Willow | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Salix capr</i>  | NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salix cine</i>  | Grey Willow | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Salix cine</i>  | Grey Willow | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Salix cine</i>  | Rusty Will  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Salix frag</i>  | Crack-will  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Salix herb</i>  | Dwarf Will  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Salix lapp</i>  | Downy Will  | 1 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Salix myrs</i>  | Dark-leave  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Salix phyl</i>  | Tea-leaved  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Salix purp</i>  | Purple Will | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salix repe</i>  | Creeping Wi | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Salsola ka</i>  | Prickly Sal | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sambucus e</i>  | Dwarf Elder | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sambucus n</i>  | Elder       | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Samolus va</i>  | Brookweed   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sanguisorb</i>  | Salad Burne | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sanguisorb</i>  | Great Burne | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Sanicula e</i>  | Sanicle     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Sarcocorni</i>  | Perennial C | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Saussurea</i>   | Alpine Saw  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Saxifraga</i>   | Mossy Saxif | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Scabiosa c</i>  | Small Scabi | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Scandix pe</i>  | Shepherd's  | 1 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular pl | <i>Schoenus n</i>  | Black Bog-r | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Scilla aut</i>  | Autumn Squi | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Scilla veri</i> | Spring Squi | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Scirpus sy</i>  | Wood Club-r | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Scrophular</i>  | Water Figw  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Scrophular</i>  | Common Figw | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Scrophular</i>  | Green Figw  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Sedum angl</i>  | English Sto | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|             |                    |             |   |             |             |           |             |
|-------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular pl | <i>Sedum rosea</i> | Roseroot    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sedum villi</i> | Hairy Stone | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Selaginella</i> | Lesser Clu  | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Senecio aq</i>  | Marsh Ragw  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Senecio er</i>  | Hoary Ragw  | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Senecio ja</i>  | Common Ragv | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Senecio sy</i>  | Heath Grou  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Senecio vu</i>  | Groundsel   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Senecio vu</i>  | Groundsel   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Seriphidium</i> | Sea Wormwo  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Sherardia i</i> | Field Madde | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Sibthorpia</i>  | Cornish Mor | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Silaum sil</i>  | Pepper-saxi | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Silene con</i>  | Sand Catch  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Silene dio</i>  | Red Campio  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Silene gal</i>  | Small-flowe | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Silene lat</i>  | White Campi | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Silene noc</i>  | Night-flowe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular pl | <i>Silene nut</i>  | Nottingham  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Silene vul</i>  | Bladder Car | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Sinapis ar</i>  | Charlock    | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Sisymbrium</i>  | Hedge Musta | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Sium latif</i>  | Greater Wat | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Solanum du</i>  | Bittersweet | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Solanum ni</i>  | Black Night | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular pl | <i>Solidago v</i>  | Goldenrod   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Sonchus ar</i>  | Perennial S | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sonchus as</i>  | Prickly Sov | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular pl | <i>Sonchus ol</i>  | Smooth Sowt | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular pl | <i>Sonchus pa</i>  | Marsh Sowth | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular pl | <i>Sorbus ari</i>  | Common Whit | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sorbus auc</i>  | Rowan       | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Sorbus dev</i>  | Devon White | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sparganium</i>  | Floating Bu | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular pl | <i>Sparganium</i>  | Unbranched  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Sparganium</i>  | Branched Bu | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Spartina m</i>  | Small Cord- | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Spergula a</i>  | Corn Spurre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Spergulari</i>  | Lesser Sea- | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Spergulari</i>  | Greater Sea | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Spirodela i</i> | Greater Duc | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Stachys ar</i>  | Field Woun  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular pl | <i>Stachys of</i>  | Betony      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular pl | <i>Stachys pa</i>  | Marsh Woun  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular pl | <i>Stachys sy</i>  | Hedge Woun  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular pl | <i>Stellaria i</i> | Lesser Stit | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular pl | <i>Stellaria i</i> | Greater Sti | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |

|            |                    |             |   |             |             |           |             |
|------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Stellaria</i> μ | Lesser Chic | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Stellaria</i> μ | Marsh Stitc | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Stellaria</i> μ | Bog Stitche | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Stratiotes</i>  | Water-soldi | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Subularia</i> μ | Awlwort     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Succisa pr</i>  | Devil's-bit | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Symphytum</i> μ | Common Comf | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Tamus comm</i>  | Black Bryor | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p | <i>Tanacetum</i> μ | Feverfew    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Taxus bacc</i>  | Yew         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p | <i>Teucrium s</i>  | Wood Sage   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Thalictrum</i>  | Common Meac | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Thelypteri</i>  | Marsh Fern  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Thesium hu</i>  | Bastard-toe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Thlaspi ca</i>  | Alpine Penr | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Thymus pol</i>  | Wild Thyme  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Tilia plat</i>  | Large-leave | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Tofieldia</i> μ | Scottish As | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Torilis ar</i>  | Spreading H | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Torilis ja</i>  | Upright Hec | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Tragopogon</i>  | Goat's-bear | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Trichophor</i>  | Northern De | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p | <i>Trichophor</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Trichophor</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Trientalis</i>  | Chickweed-v | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Lesser Tret | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Strawberry  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Clustered C | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Zigzag Clov | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Slender Tre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Bird's-foot | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Trifolium</i> μ | White Clov  | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Trifolium</i> μ | Rough Clov  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Knotted Clo | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Trifolium</i> μ | Subterranea | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Triglochin</i>  | Sea Arrowgr | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Triglochin</i>  | Marsh Arro  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Tripleuros</i>  | Scentless M | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p | <i>Trisetum f</i>  | Yellow Oat- | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Trollius ei</i> | Globeflower | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Typha lati</i>  | Bulrush     | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p | <i>Ulex europ</i>  | Gorse       | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Ulex galli</i>  | Western Gor | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Ulex minor</i>  | Dwarf Gorse | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Ulmus glab</i>  | Wych Elm    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Ulmus mino</i>  | NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Ulmus proc</i>  | English Elr | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |



|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Vascular p  <i>Umbilicus</i>  Navelwort             | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Urtica urei</i>  Small Nettle        | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p  <i>Utricularia</i>  Bladderwort         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Utricularia</i>  NA                  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p  <i>Utricularia</i>  Greater Bladderwort | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Vaccinium</i>  Bilberry              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p  <i>Vaccinium</i>  Bog Bilberry          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Vaccinium</i>  Cowberry              | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Valeriana</i>  NA                    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Vascular p  <i>Valeriana</i>  Keeled-fruit          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Valeriana</i>  Narrow-fruit          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Valeriana</i>  Hairy-fruit           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Valeriana</i>  Broad-fruit           | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Veronica a</i>  Green Field          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Veronica b</i>  Brooklime            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p  <i>Veronica c</i>  Pink Water-plantain  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Veronica c</i>  Germander Speedwell  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p  <i>Veronica h</i>  Ivy-leaved           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Veronica h</i>  NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Veronica h</i>  NA                   | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p  <i>Veronica m</i>  Wood Speedwell       | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p  <i>Veronica o</i>  Heath Speedwell      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Veronica s</i>  Thyme-leaved         | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p  <i>Veronica s</i>  NA                   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Veronica s</i>  NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p  <i>Viburnum o</i>  Guelder-rose         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Vicia hirs</i>  Hairy Tare           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Vicia lute</i>  Yellow-vetch         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Vicia orob</i>  Wood Bitter          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Vicia parv</i>  Slender Tare         | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Vicia sati</i>  Narrow-leaved        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Vicia sati</i>  NA                   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p  <i>Vicia sati</i>  Common Vetch         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Vicia sylv</i>  Wood Vetch           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Vinca mino</i>  Lesser Periwinkle    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Viola arve</i>  Field Pansy          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p  <i>Viola cani</i>  Heath Dog-violet     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p  <i>Viola hirt</i>  Hairy Violet         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Viola lact</i>  Pale Dog-violet      | 1 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Vascular p  <i>Viola lute</i>  Mountain Pansy       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p  <i>Viola odor</i>  Sweet Violet         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Viola palu</i>  Marsh Violet         | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p  <i>Viola palu</i>  NA                   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p  <i>Viola palu</i>  NA                   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p  <i>Viola reici</i>  Early Dog-violet    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p  <i>Viola rivin</i>  Common Dog-violet   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p  <i>Viola tric</i>  Wild Pansy           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|                |                    |              |   |           |             |           |             |
|----------------|--------------------|--------------|---|-----------|-------------|-----------|-------------|
| Vascular plant | <i>Viola tric</i>  | Seaside Par  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular plant | <i>Viola tric</i>  | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular plant | <i>Vulpia myu</i>  | Rat's-tail   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Vascular plant | <i>Zostera ma</i>  | Eelgrass     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular plant | <i>Zostera no</i>  | Dwarf Eelgr  | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Wasps          | <i>Agenioideu</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Ammophila</i>   | Red Banded   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Ancistroce</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Ancistroce</i>  | NA           | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Wasps          | <i>Ancistroce</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Ancistroce</i>  | Wall Mason   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Ancistroce</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Ancistroce</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Anoplius c</i>  | NA           | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Wasps          | <i>Anoplius i</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Anoplius n</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps          | <i>Anoplius v</i>  | Black Banded | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Wasps          | <i>Arachnosp</i>   | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Arachnosp</i>   | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps          | <i>Arachnosp</i>   | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Arachnosp</i>   | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps          | <i>Argogoryte</i>  | Field Digge  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Astata booi</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Astata pin</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Auplopus c</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Caliadurgu</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Cerceris a</i>  | Sand Tail    | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Cerceris r</i>  | Ornate Tail  | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Chrysis an</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps          | <i>Chrysis ig</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Chrysis im</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps          | <i>Chrysis me</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Wasps          | <i>Chrysis vi</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Cleptes sei</i> | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps          | <i>Crabro cri</i>  | Slender Boc  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps          | <i>Crabro pel</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps          | <i>Crabro scu</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Crossoceru</i>  | Blunt Tail   | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps          | <i>Crossoceru</i>  | Slender Dig  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Wasps          | <i>Crossoceru</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |

|       |                                  |   |             |             |           |             |
|-------|----------------------------------|---|-------------|-------------|-----------|-------------|
| Wasps | <i>Crossocerus</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Crossocerus</i> .4-Spotted I  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Crossocerus</i> .Wesmael's I  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Diodontus</i> .NA             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Diodontus</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Diodontus</i> .Melancholy     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Dipogon</i> .suNA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Dolichovespa</i> .NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Dolichovespa</i> .Tree Wasp   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Ectemnius</i> .NA             | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Ectemnius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Elampus</i> .paiNA            | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Wasps | <i>Entomognathus</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Episyron</i> .riRed Legged    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Eumenes</i> .coHeath Potter   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Wasps | <i>Evagetes</i> .c.NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Evagetes</i> .diNA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Gorytes</i> .biNA             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Gorytes</i> .qu.4-Banded Di   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Gorytes</i> .tuNA             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Gymnomerus</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Hedychridi</i> .iNA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Hedychridi</i> .iNA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Hedychridi</i> .iNA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Lindenius</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Lindenius</i> .iNA            | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Wasps | <i>Mellinus</i> .aField Digger   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Wasps | <i>Microdynerus</i> .NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Miscophus</i> .iNA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Mutilla</i> .euLarge Velvet   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Wasps | <i>Myrmosa</i> .at.NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Nysson</i> .dim.Small Spurred | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Nysson</i> .spiLarge Spurred  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Wasps | <i>Nysson</i> .triNA             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Odynerus</i> .mNA             | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Odynerus</i> .sSpiny Masor    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Omalus</i> .aenNA             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Omalus</i> .auriNA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Omalus</i> .vio.NA            | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Oxybelus</i> .aSilver Spire   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|       |                                |               |           |          |             |
|-------|--------------------------------|---------------|-----------|----------|-------------|
| Wasps | <i>Oxybelus m</i> Pale Jawed   | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Oxybelus u</i> Common Spir  | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Passaloecu</i> .Horned Blac | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Passaloecu</i> .NA          | 0 > -1%       | > -1%     | LOW      | +1 to +4%   |
| Wasps | <i>Passaloecu</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Passaloecu</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Wasps | <i>Passaloecu</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Pemphredon</i> Mournful Wæ  | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Pemphredon</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Podalonia i</i> Hairy Sand  | 0 < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Wasps | <i>Pompilus c</i> .Leaden Spic | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Psen bruxe</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Psen dahlb</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Psen eques</i> .NA          | 0 > -1%       | > -1%     | LOW      | +4 to +7.5% |
| Wasps | <i>Psen lutar</i> .NA          | 0 -7.5 to -4% | > -1%     | MODERATE | +1 to +4%   |
| Wasps | <i>Psenulus c</i> .NA          | 0 > -1%       | > -1%     | LOW      | +1 to +4%   |
| Wasps | <i>Psenulus p</i> Pale Footec  | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Rhopalum c</i> .NA          | 0 < -7.5%     | -4 to -1% | HIGH     | +1 to +4%   |
| Wasps | <i>Rhopalum c</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Sapyga cla</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Sapyga qui</i> .NA          | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Smicromyrm</i> Small Velv   | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Spilomena i</i> .NA         | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Spilomena i</i> .NA         | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Symmorphus</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Tachysphex</i> NA           | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Tiphia fem</i> .NA          | 0 > -1%       | > -1%     | LOW      | +4 to +7.5% |
| Wasps | <i>Tiphia min</i> Small Tiphi  | 0 > -1%       | > -1%     | LOW      | +4 to +7.5% |
| Wasps | <i>Trichrysis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> Slender Woc  | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> Club Horne   | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> NA           | 0 -4 to -1%   | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Vespa crab</i> .Hornet      | 0 > -1%       | < -7.5%   | MODERATE | > +7.5%     |
| Wasps | <i>Vespula ge</i> .German Was  | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Vespula ru</i> .Red Wasp    | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Vespula vu</i> .Common Was  | 0 > -1%       | > -1%     | LOW      | > +7.5%     |

| Projected expansion | Benefit from expansion | Final outcome    |
|---------------------|------------------------|------------------|
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| +1 to +4%           | HIGH                   | Medium benefit   |
| > +7.5%             | HIGH                   | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| +1 to +4%           | HIGH                   | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Medium risk      |
| > +7.5%             | HIGH                   | Medium benefit   |
| +4 to +7.5%         | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Risks & benefits |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Medium risk      |
| < +1%               | MODERATE               | High risk        |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Risks & benefits |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| +4 to +7.5%         | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |

|             |           |                  |
|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |

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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |

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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |



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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | Limited impact   |
| > +7.5%     | VERY HIGH | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |

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| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Medium benefit   |
| > +7.5% | VERY HIGH | Medium benefit   |
| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | High risk        |
| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | High risk        |
| < +1%   | MODERATE  | Medium benefit   |
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| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | High risk        |
| < +1%   | MODERATE  | Risks & benefits |
| < +1%   | MODERATE  | High risk        |
| < +1%   | MODERATE  | Medium risk      |
| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Medium benefit   |
| > +7.5% | VERY HIGH | High benefit     |
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| < +1%   | MODERATE  | Medium benefit   |
| > +7.5% | VERY HIGH | High benefit     |
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| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Risks & benefits |
| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | Risks & benefits |
| < +1%   | MODERATE  | High risk        |
| < +1%   | MODERATE  | Medium benefit   |
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| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | Risks & benefits |
| > +7.5% | VERY HIGH | High benefit     |
| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Risks & benefits |
| > +7.5% | VERY HIGH | High benefit     |
| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | Risks & benefits |
| < +1%   | MODERATE  | Risks & benefits |
| < +1%   | LOW       | Limited impact   |
| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | Medium risk      |
| < +1%   | MODERATE  | Medium benefit   |
| < +1%   | MODERATE  | Risks & benefits |
| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Medium benefit   |
| > +7.5% | VERY HIGH | High benefit     |
| < +1%   | MODERATE  | Risks & benefits |

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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| +1 to +4%   | HIGH      | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |

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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| +1 to +4%   | MODERATE  | Medium benefit   |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |

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| +1 to +4%   | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |

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| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Medium benefit   |
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| +1 to +4%   | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | MODERATE  | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | MODERATE  | Risks & benefits |



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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Risks & benefits |
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| > +7.5%     | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | LOW       | High risk        |
| +4 to +7.5% | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | MODERATE  | Medium risk      |
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| +1 to +4%   | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
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| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | Medium benefit   |
| +1 to +4%   | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Medium risk      |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | Medium risk      |
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| < +1%       | LOW       | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Medium risk      |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |

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| +1 to +4%   | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | High benefit     |

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| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
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| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| +4 to +7.5% | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
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| +4 to +7.5% | MODERATE  | Risks & benefits |
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| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | LOW       | High risk        |
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| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |

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| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |

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| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | Risks & benefits |
| +1 to +4%   | HIGH      | Medium risk      |
| +1 to +4%   | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | Risks & benefits |
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| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Medium risk      |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | Medium benefit   |
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| +1 to +4%   | MODERATE  | Risks & benefits |
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| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
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| +1 to +4%   | HIGH      | High benefit     |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |

|             |           |                  |
|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
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| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | Medium risk      |
| +1 to +4%   | HIGH      | Medium benefit   |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| +1 to +4%   | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | High benefit     |
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| +1 to +4%   | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Medium risk      |
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| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
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| Group | Latin name        | English name | NERC species | Observed decline | Projected decline | Risk of decline | Observed expansion |
|-------|-------------------|--------------|--------------|------------------|-------------------|-----------------|--------------------|
| Ants  | <i>Formica cu</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Formica fu</i> | Negro Ant    |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Formica sa</i> | NA           |              | 0 -7.5 to -4%    | < -7.5%           | VERY HIGH       | > +7.5%            |
| Ants  | <i>Lasius ali</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Lasius fla</i> | Yellow Meac  |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Ants  | <i>Lasius mix</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | +1 to +4%          |
| Ants  | <i>Lasius nig</i> | Small Black  |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Leptothora</i> | Slender Ant  |              | 0 > -1%          | -4 to -1%         | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica ru</i> | Red Ant      |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica ru</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Myrmica sa</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Ants  | <i>Myrmica sc</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Ants  | <i>Myrmica sc</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena al</i> | NA           |              | 0 < -7.5%        | -4 to -1%         | HIGH            | > +7.5%            |
| Bees  | <i>Andrena an</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +1 to +4%          |
| Bees  | <i>Andrena ap</i> | NA           |              | 0 > -1%          | < -7.5%           | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ar</i> | NA           |              | 0 > -1%          | < -7.5%           | MODERATE        | +1 to +4%          |
| Bees  | <i>Andrena ba</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena bi</i> | Gwynne's M:  |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena bi</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | +4 to +7.5%        |
| Bees  | <i>Andrena bu</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | +4 to +7.5%        |
| Bees  | <i>Andrena ch</i> | NA           |              | 0 -4 to -1%      | -7.5 to -4%       | HIGH            | > +7.5%            |
| Bees  | <i>Andrena ci</i> | Grey Mining  |              | 0 < -7.5%        | -7.5 to -4%       | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena co</i> | NA           |              | 0 < -7.5%        | < -7.5%           | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena co</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena de</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Bees  | <i>Andrena do</i> | NA           |              | 0 > -1%          | < -7.5%           | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena fl</i> | Yellow Leg   |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena fu</i> | NA           |              | 0 < -7.5%        | < -7.5%           | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena fu</i> | Tawny Mini   |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena fu</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena fu</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena ha</i> | Early Mini   |              | 0 -4 to -1%      | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ha</i> | NA           |              | 0 < -7.5%        | < -7.5%           | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena he</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Bees  | <i>Andrena hu</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | +4 to +7.5%        |
| Bees  | <i>Andrena la</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena la</i> | Girdled Mi   |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |
| Bees  | <i>Andrena la</i> | NA           |              | 0 < -7.5%        | -7.5 to -4%       | VERY HIGH       | > +7.5%            |
| Bees  | <i>Andrena mi</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena mi</i> | NA           |              | 0 < -7.5%        | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ni</i> | NA           |              | 0 -7.5 to -4%    | > -1%             | MODERATE        | > +7.5%            |
| Bees  | <i>Andrena ov</i> | NA           |              | 0 > -1%          | > -1%             | LOW             | > +7.5%            |

|      |                                  |   |             |         |          |             |
|------|----------------------------------|---|-------------|---------|----------|-------------|
| Bees | <i>Andrena pi</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena pr</i> .NA            | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Andrena pr</i> .NA            | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Andrena sc</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena su</i> .NA            | 0 | > -1%       | < -7.5% | MODERATE | > +7.5%     |
| Bees | <i>Andrena sy</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena ta</i> .Tormentil M   | 1 | < -7.5%     | > -1%   | MODERATE | +1 to +4%   |
| Bees | <i>Andrena th</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Andrena ti</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena tr</i> .Trimmer's M   | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena va</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Andrena wi</i> .NA            | 0 | -4 to -1%   | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Anthidium</i> Wool-Carder     | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Anthophora</i> NA             | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Anthophora</i> Fork Tailer    | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Anthophora</i> Hairy Footer   | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Anthophora</i> NA             | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Apis melli</i> .Honey Bee     | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Bombus hor</i> .Small Garder  | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Bombus hum</i> .NA            | 1 | > -1%       | < -7.5% | MODERATE | > +7.5%     |
| Bees | <i>Bombus jon</i> .Heath Bumbler | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Bombus lap</i> .Large Red     | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Bombus luc</i> .White-Tailer  | 0 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Bombus mag</i> .NA            | 0 | < -7.5%     | < -7.5% | MODERATE | > +7.5%     |
| Bees | <i>Bombus mon</i> .Mountain B    | 0 | > -1%       | < -7.5% | MODERATE | > +7.5%     |
| Bees | <i>Bombus mus</i> .Moss Carder   | 1 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Bombus pas</i> .Common Carder | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Bombus pra</i> .Early Bumbler | 0 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Bombus rud</i> .NA            | 1 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Bombus syl</i> .NA            | 1 | > -1%       | > -1%   | LOW      | < +1%       |
| Bees | <i>Bombus ter</i> .Buff-Tailer   | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Chelostoma</i> Harebell C     | 0 | -7.5 to -4% | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Coelioxys</i> .NA             | 0 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Coelioxys</i> .NA             | 0 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Coelioxys</i> .NA             | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Colletes d</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Colletes h</i> .Sea-aster C   | 1 | < -7.5%     | > -1%   | MODERATE | +1 to +4%   |
| Bees | <i>Colletes m</i> .Margined C    | 0 | < -7.5%     | > -1%   | MODERATE | +1 to +4%   |
| Bees | <i>Colletes s</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | +4 to +7.5% |
| Bees | <i>Colletes s</i> .NA            | 0 | > -1%       | > -1%   | LOW      | +1 to +4%   |
| Bees | <i>Epeolus cr</i> .NA            | 0 | > -1%       | > -1%   | LOW      | > +7.5%     |
| Bees | <i>Epeolus va</i> .NA            | 0 | -7.5 to -4% | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Halictus c</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | +1 to +4%   |
| Bees | <i>Halictus r</i> .NA            | 0 | < -7.5%     | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Halictus t</i> .NA            | 0 | -7.5 to -4% | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Hoplitis c</i> .NA            | 0 | -4 to -1%   | > -1%   | MODERATE | > +7.5%     |
| Bees | <i>Hoplitis s</i> .NA            | 0 | > -1%       | < -7.5% | MODERATE | > +7.5%     |

|      |                                |               |             |           |             |
|------|--------------------------------|---------------|-------------|-----------|-------------|
| Bees | <i>Hylaeus an</i> .NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Hylaeus br</i> .Short Horn  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus co</i> .Common Yel  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus co</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus hy</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Hylaeus pe</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bees | <i>Hylaeus pi</i> .NA          | 0 -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bees | <i>Hylaeus si</i> .Large Yello | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasiogloss</i> .Slender Min | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasiogloss</i> .Least Mini  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasiogloss</i> .Brassy Min: | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bees | <i>Lasiogloss</i> .NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Lasiogloss</i> .NA          | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Lasiogloss</i> .Shaggy Min: | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Macropis e</i> .NA          | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bees | <i>Megachile</i> .Patchwork I  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Megachile</i> .Wood-Carvin  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Megachile</i> .NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Megachile</i> .Willughby's  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Melecta al</i> .NA          | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Melitta ha</i> .NA          | 0 -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Melitta le</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fab</i> .Fabricius'  | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fla</i> .NA          | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fla</i> .NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Nomada fla</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada fuc</i> .NA          | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Nomada goo</i> .Gooden's N  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees | <i>Nomada lat</i> .NA          | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bees | <i>Nomada leu</i> .NA          | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bees | <i>Nomada mar</i> .Marsham's I | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada pan</i> .NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bees | <i>Nomada ruf</i> .Red-Horned  | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bees | <i>Nomada she</i> .Dark Nomad  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees | <i>Nomada str</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |



|       |                    |                      |   |             |             |           |             |
|-------|--------------------|----------------------|---|-------------|-------------|-----------|-------------|
| Bees  | <i>Osmia auru</i>  | Gold-Fringe          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Osmia bico</i>  | Two Colour           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bees  | <i>Osmia rufa</i>  | Red Mason I          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Panurgus c.</i> | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bees  | <i>Sphecodes</i>   | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bees  | <i>Stelis orn.</i> | NA                   | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bees  | <i>Stelis pun.</i> | NA                   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Accipiter</i>   | Goshawk              | 0 | < -7.5%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Accipiter</i>   | Sparrowhawk          | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Acrocephal.</i> | Sedge Warbl.         | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Acrocephal.</i> | Reed Warble          | 0 | < -7.5%     | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Actitis hy.</i> | Common Sandpiper     | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Aegithalos</i>  | Long-tailed Tit      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Aix galeri.</i> | Mandarin Duck        | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Alauda arv.</i> | Skylark              | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Alca torda</i>  | Razorbill            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Alcedo att.</i> | Kingfisher           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Alectoris</i>   | Red-legged Partridge | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Anas acuta</i>  | Pintail              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Anas clype.</i> | Shoveler             | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Anas crecc.</i> | Teal                 | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Anas penel.</i> | Wigeon               | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Anas platy.</i> | Mallard              | 0 | -4 to -1%   | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Anas querq.</i> | Garganey             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Anas strep.</i> | Gadwall              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Anser anse.</i> | Greylag Goose        | 0 | < -7.5%     | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Anthus pet.</i> | Rock Pipit           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Anthus pra.</i> | Meadow Pipit         | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Anthus tri.</i> | Tree Pipit           | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Apus apus</i>   | Swift                | 0 | -4 to -1%   | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Aquila chr.</i> | Golden Eagle         | 0 | -7.5 to -4% | < -7.5%     | MODERATE  | > +7.5%     |
| Birds | <i>Ardea cine.</i> | Grey Heron           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Asio flamm.</i> | Short-eared Owl      | 0 | > -1%       | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Asio otus</i>   | Long-eared Owl       | 0 | -4 to -1%   | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Athene noc.</i> | Little Owl           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |

|       |   |   |             |             |           |             |
|-------|---|---|-------------|-------------|-----------|-------------|
| Birds | <i>Aythya fer.</i> Pochard                    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Aythya ful.</i> Tufted Duck                | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Botaurus s.</i> Bittern                    | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Branta can.</i> Canada Goose               | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Birds | <i>Branta leu.</i> Barnacle Goose             | 0 | > -1%       | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Bucephala</i> Goldeneye                    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Birds | <i>Burhinus o.</i> Stone-curlew               | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Buteo bute.</i> Buzzard                    | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Calidris a.</i> Dunlin                     | 0 | > -1%       | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Birds | <i>Caprimulgus.</i> Nightjar                  | 1 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Carduelis</i> Lesser Redpoll               | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds | <i>Carduelis</i> Linnet                       | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Carduelis</i> Goldfinch                    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Carduelis</i> Greenfinch                   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Carduelis</i> Twite                        | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds | <i>Carduelis</i> Siskin                       | 0 | < -7.5%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Cephus gr.</i> Black Guillemot             | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Birds | <i>Certhia fa.</i> Treecreeper                | 0 | < -7.5%     | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <b>Cettia cetti</b> Cetti's Warbler           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Charadrius</i> Little Ringed Plover        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Charadrius</i> Ringed Plover               | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Charadrius</i> Dotterel                    | 0 | > -1%       | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds | <i>Chroicoceph.</i> Black-headed Gull         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Chrysoloph.</i> Golden Pheasant            | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Cinclus ci.</i> Dipper                     | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Circus aer.</i> Marsh Harrier              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Circus cy.</i> Hen Harrier                 | 1 | > -1%       | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <b>Circus pygma</b> Montagu's Harrier         | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Coccothraus.</i> Hawfinch                  | 1 | > -1%       | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <b>Columba liv.</b> Feral Pigeon              | 0 | < -7.5%     | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Columba oe.</i> Stock Dove                 | 0 | < -7.5%     | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Columba pa.</i> Woodpigeon                 | 0 | < -7.5%     | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Corvus cor.</i> Raven                      | 0 | < -7.5%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Corvus cor.</i> Carrion Crow               | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Corvus fru.</i> Rook                       | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Corvus mon.</i> Jackdaw                    | 0 | < -7.5%     | > -1%       | LOW       | < +1%       |
| Birds | <i>Coturnix c.</i> Quail                      | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Crex crex</i> Corncrake                    | 1 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Cuculus ca.</i> Cuckoo                     | 1 | -4 to -1%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Birds | <i>Cyanistes</i> Blue Tit                     | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Cygnus olo.</i> Mute Swan                  | 0 | < -7.5%     | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Delichon u.</i> House Martin               | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Dendrocopos.</i> Great Spotted Woodpecker  | 0 | -7.5 to -4% | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Dendrocopos.</i> Lesser Spotted Woodpecker | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Emberiza c.</i> Corn Bunting               | 1 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Emberiza c.</i> Cirl Bunting               | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Emberiza c.</i> Yellowhammer               | 1 | > -1%       | -4 to -1%   | HIGH      | +1 to +4%   |

|       |                                     |   |             |             |           |             |
|-------|-------------------------------------|---|-------------|-------------|-----------|-------------|
| Birds | <i>Emberiza s.</i> Reed Bunting     | 1 | -7.5 to -4% | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Erithacus</i> Robin              | 0 | < -7.5%     | > -1%       | LOW       | < +1%       |
| Birds | <i>Falco colu</i> Merlin            | 0 | -7.5 to -4% | < -7.5%     | MODERATE  | > +7.5%     |
| Birds | <i>Falco pere</i> Peregrine         | 0 | < -7.5%     | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Falco subb</i> Hobby             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Falco tinn</i> Kestrel           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Ficedula h</i> Pied Flycatcher   | 0 | > -1%       | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Fratercula</i> Puffin            | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Birds | <i>Fringilla</i> Chaffinch          | 0 | -4 to -1%   | > -1%       | LOW       | < +1%       |
| Birds | <i>Fulica atr</i> Coot              | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Fulmarus g</i> Fulmar            | 0 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Gallinago</i> Snipe              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Gallinula</i> Moorhen            | 0 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Garrulus g</i> Jay               | 0 | -4 to -1%   | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Haematopus</i> Oystercatcher     | 0 | -7.5 to -4% | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Hirundo ru</i> Swallow           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Hydrobates</i> Storm Petrel      | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Lagopus la</i> Red Grouse        | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Birds | <i>Lanius col</i> Red-backed        | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Larus arge</i> Herring Gull      | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Larus canu</i> Common Gull       | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Larus fusc</i> Lesser Black      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Larus mari</i> Great Black       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Larus mela</i> Mediterranean     | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Limosa lim</i> Black-tailed      | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <b>Locustella l</b> Savi's Warbler  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Locustella</i> Grasshopper       | 1 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Loxia spp.</i> Crossbill         | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Lullula ar</i> Woodlark          | 1 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Luscinia m</i> Nightingale       | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Mergus mer</i> Goosander         | 0 | > -1%       | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds | <i>Mergus ser</i> Red-breasted      | 0 | < -7.5%     | -7.5 to -4% | HIGH      | > +7.5%     |
| Birds | <i>Morus bass</i> Gannet            | 0 | < -7.5%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Birds | <b>Motacilla al</b> Pied/White      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Motacilla</i> Grey Wagtail       | 0 | -4 to -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |
| Birds | <i>Motacilla</i> Yellow Wagtail     | 1 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Muscicapa</i> Spotted Flycatcher | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Numenius a</i> Curlew            | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Oenanthe o</i> Wheatear          | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Oxyura jam</i> Ruddy Duck        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Birds | <i>Panurus bi</i> Bearded Tit       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Parus majo</i> Great Tit         | 0 | < -7.5%     | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Passer dom</i> House Sparrow     | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Passer mon</i> Tree Sparrow      | 1 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Perdix per</i> Grey Partridge    | 1 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Periparus</i> Coal Tit           | 0 | < -7.5%     | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Phalacroco</i> Shag              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |

|       |  |   |             |             |           |             |
|-------|--|---|-------------|-------------|-----------|-------------|
| Birds | <i>Phalacroco.</i> Cormorant           | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Phasianus</i> Pheasant              | 0 | < -7.5%     | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Philomachu.</i> Ruff                | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Birds | <i>Phoenicuru.</i> Black Redstart      | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Phoenicuru.</i> Redstart            | 0 | > -1%       | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Phylloscop.</i> Chiffchaff          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Phylloscop.</i> Wood Warbler        | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Phylloscop.</i> Willow Warbler      | 0 | < -7.5%     | -4 to -1%   | MODERATE  | +1 to +4%   |
| Birds | <i>Pica pica</i> Magpie                | 0 | < -7.5%     | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Picus viri.</i> Green Woodpecker    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Pluvialis</i> Golden Plover         | 0 | > -1%       | < -7.5%     | VERY HIGH | +1 to +4%   |
| Birds | <i>Podiceps c.</i> Great Crested Grebe | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Poecile mo.</i> Willow Tit          | 1 | > -1%       | < -7.5%     | VERY HIGH | +1 to +4%   |
| Birds | <i>Poecile pa.</i> Marsh Tit           | 1 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Porzana po.</i> Spotted Crampion    | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Prunella m.</i> Dunnock             | 1 | -7.5 to -4% | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Psittacula</i> Ring-necked Pheasant | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Puffinus p.</i> Manx Shearwater     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Pyrrhula p.</i> Bullfinch           | 1 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Rallus aqu.</i> Water Rail          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Recurviro.</i> Avocet               | 0 | < -7.5%     | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Regulus ig.</i> Firecrest           | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Regulus re.</i> Goldcrest           | 0 | < -7.5%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Birds | <i>Riparia ri.</i> Sand Martin         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Rissa trid.</i> Kittiwake           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Saxicola r.</i> Whinchat            | 0 | > -1%       | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Birds | <i>Saxicola t.</i> Stonechat           | 0 | -7.5 to -4% | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Scolopax r.</i> Woodcock            | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Birds | <i>Sitta euro.</i> Nuthatch            | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Birds | <i>Somateria</i> Eider                 | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sterna dou.</i> Roseate Tern        | 1 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sterna hir.</i> Common Tern         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sterna par.</i> Arctic Tern         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Sterna san.</i> Sandwich Tern       | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Sternula a.</i> Little Tern         | 0 | > -1%       | > -1%       | MODERATE  | > +7.5%     |
| Birds | <i>Streptopel.</i> Collared Dove       | 0 | -4 to -1%   | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Streptopel.</i> Turtle Dove         | 1 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds | <i>Strix aluc.</i> Tawny Owl           | 0 | < -7.5%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Birds | <i>Sturnus vu.</i> Starling            | 1 | -4 to -1%   | > -1%       | LOW       | < +1%       |
| Birds | <i>Sylvia atr.</i> Blackcap            | 0 | < -7.5%     | > -1%       | LOW       | +4 to +7.5% |
| Birds | <i>Sylvia bor.</i> Garden Warbler      | 0 | > -1%       | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Birds | <i>Sylvia com.</i> Whitethroat         | 0 | < -7.5%     | > -1%       | LOW       | +1 to +4%   |
| Birds | <i>Sylvia cur.</i> Lesser Whitethroat  | 0 | > -1%       | > -1%       | MODERATE  | +4 to +7.5% |
| Birds | <i>Sylvia und.</i> Dartford Warbler    | 0 | -4 to -1%   | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Tachybaptu.</i> Little Grebe        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Tadorna ta.</i> Shelduck            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds | <i>Tetrao tet.</i> Black Grouse        | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|            |                                  |   |             |             |           |             |
|------------|----------------------------------|---|-------------|-------------|-----------|-------------|
| Birds      | <i>Tringa tot.</i> Redshank      | 0 | > -1%       | > -1%       | MODERATE  | +4 to +7.5% |
| Birds      | <i>Troglodyte.</i> Wren          | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Birds      | <i>Turdus ili.</i> Redwing       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds      | <i>Turdus mer.</i> Blackbird     | 0 | < -7.5%     | > -1%       | LOW       | < +1%       |
| Birds      | <i>Turdus phi.</i> Song Thrush   | 1 | -7.5 to -4% | > -1%       | LOW       | +1 to +4%   |
| Birds      | <i>Turdus pil.</i> Fieldfare     | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Birds      | <i>Turdus tor.</i> Ring Ouzel    | 1 | > -1%       | < -7.5%     | VERY HIGH | +1 to +4%   |
| Birds      | <i>Turdus vis.</i> Mistle Thrush | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Birds      | <i>Tyto alba</i> Barn Owl        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Birds      | <i>Uria aalge</i> Guillemot      | 0 | > -1%       | > -1%       | MODERATE  | +1 to +4%   |
| Birds      | <i>Vanellus v.</i> Lapwing       | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes | <i>Abietinell.</i> Prickly Tar   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Adelanthus</i> Deceptive L    | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes | <i>Aloina alo.</i> Common Aloe   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes | <i>Amblystegi.</i> Creeping Fe   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes | <i>Amblystegi.</i> NA            | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes | <i>Amphidium</i> Lapland Yol     | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Amphidium</i> Mougeot's S     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Anastrepta</i> Orkney Notc    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Anastrophy.</i> Heller's No   | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes | <i>Anastrophy.</i> Comb Notch    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Andreaea a.</i> Alpine Rock   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> Dusky Rock    | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> NA            | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> Black Rock    | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes | <i>Andreaea r.</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes | <i>Andreaea r.</i> NA            | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Aneura pin.</i> Greasewort    | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes | <i>Anoectangi.</i> Summer-moss   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Anomobryum</i> NA             | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Anomodon v.</i> Rambling T    | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes | <i>Anthelia j.</i> Alpine Silv   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes | <i>Anthoceros</i> Dotted Horn    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes | <i>Antitrichi.</i> Pendulous L   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes | <i>Aphanoleje.</i> Long-leaved   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Atrichum c.</i> Fountain S    | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes | <i>Atrichum u.</i> Common Smo    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes | <i>Atrichum u.</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes | <i>Aulacomniu.</i> Bud-headed    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes | <i>Aulacomniu.</i> Bog Groove    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes | <i>Barbilopho.</i> Atlantic Pa   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes | <i>Barbilopho.</i> Bearded Pa    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes | <i>Barbilopho.</i> Common Paw    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes | <i>Barbilopho.</i> Hatcher's L   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes | <i>Barbula co.</i> Lesser Bir    | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes | <i>Barbula co.</i> NA            | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes | <i>Barbula un.</i> Bird's-cla    | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |

|  |   |             |             |           |             |
|--|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Bartramia</i> Haller's Apr         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Bartramia</i> Straight-le          | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bartramia</i> Common App           | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bazzania</i> t.Lesser Whip         | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Bazzania</i> t.Greater Wh          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Blasia</i> pus.Common Ket          | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Blepharost</i> Hairy Threa         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Blindia</i> ac.Sharp-leave         | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Brachydont</i> .Bristle-lea        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Brachythec</i> .Whitish Fea        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Brachythec</i> .Sand Feathe        | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Brachythec</i> .River Featl        | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Brachythec</i> .Rough-stall        | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Brachythec</i> .Smooth-sta         | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Breutelia</i> Golden-head          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryoerythr</i> .Rufous Bear        | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>alpi</i> .Alpine Thre | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>arge</i> .Silver-mos  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>born</i> .Potato Bry  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Bryum</i> <i>caes</i> ,Tufted Thre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>caes</i> ,NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>dich</i> .Bicoloured  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>dich</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Bryum</i> <i>gemm</i> .Small-bud I | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>mora</i> .Flabby Thre | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>pall</i> .Pale Threa  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>pseu</i> .Marsh Bryu  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>pseu</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>pseu</i> .NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Bryum</i> <i>radi</i> .Wall Threa  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Bryum</i> <i>rube</i> .Crimson-tul | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calliargon</i> .Heart-leave        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Calliargon</i> .Giant Spear        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Calliargon</i> .Lindberg's         | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> .Notched Pou        | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> .Common Pou         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> .Mueller's I        | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Calypogeia</i> .Nees' Poucl        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Calypogeia</i> .Bog Pouchw         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Campyliade</i> .Golden Fea         | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Campyllum</i> .Yellow Sta          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Campyllum</i> .NA                  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Campylophy</i> .Chalk Featl        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Campylopus</i> .Bristly Swa        | 0 | -4 to -1%   | < -7.5%     | HIGH      | +4 to +7.5% |
| Bryophytes <i>Campylopus</i> .Compact Swa        | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Campylopus</i> .Rusty Swa          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Campylopus</i> .Brittle Swa        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Campylopus</i> Heath Star   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Campylopus</i> Dwarf Swan   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Cephalozia</i> Two-horned   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Cephalozia</i> Chain Pin    | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +1 to +4%   |
| Bryophytes <i>Cephalozia</i> Moon-leaved  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Cephalozie</i> Common Thre  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Cephalozie</i> Hampe's Thre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Ceratodon</i> Redshank [r   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Chiloscyph</i> St Winifric  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Cirriphyll</i> Beech Featl  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Cirriphyll</i> Hair-pointe  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Cladopodie</i> Bog Notchw   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Climacium</i> Tree-moss     | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Cololejeun</i> Rock Pounc   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Cololejeun</i> Minute Pou   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Cololejeun</i> Rossetti's   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Colura cal</i> Fingered Co  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Conocephal</i> Great Scen   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Conostomum</i> Helmet-mos   | 0 | > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Cratoneuro</i> Fern-leaved  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Cratoneuro</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Cryphaea h</i> Lateral Cry  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ctenidium</i> Chalk Comb    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Ctenidium</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Cynodontiu</i> Brunton's I  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Dialytrich</i> Pointed Lat  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Dichodonti</i> Marsh Fork   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dichodonti</i> .NA          | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dichodonti</i> Transparent  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Dicranella</i> Rufous Forl  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Dicranella</i> Field Fork   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Dicranella</i> Variable Fo  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Dicranowei</i> Common Pinc  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Dicranowei</i> Mountain P   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dicranum f</i> Whip Fork-r  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Dicranum f</i> Dusky Fork   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Dicranum f</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Dicranum m</i> Greater Fo   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Dicranum s</i> Broom Fork   | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Dicranum s</i> Scott's Fo   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Dicranum s</i> Rusty Fork   | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Dicranum t</i> Fragile Fo   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Didymodon</i> Pointed Be    | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Didymodon</i> Fallacious    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> Cylindric I   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Didymodon</i> Dusky Bear    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> Nicholson's   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |

|   |               |             |           |             |
|---|---------------|-------------|-----------|-------------|
| Bryophytes <i>Didymodon</i> .Rigid Beard  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> .Wavy Beard   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Didymodon</i> .Brown Beard  | 0 > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Didymodon</i> .Shady Beard  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Didymodon</i> .Soft-tufted  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Diphyscium</i> Nut-moss     | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Diplophyll</i> .White Earw  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Distichium</i> .Fine Distic | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Ditrichum</i> .NA           | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Ditrichum</i> .Bendy Ditr:  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ditrichum</i> .Curve-leav   | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Douinia ov</i> .Waxy Earwo  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Drepanocla</i> .Fertile Fea | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Drepanolej</i> .Toothed Po  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Encalypta</i> .Ribbed Ext:  | 0 < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes <i>Encalypta</i> .Spiral Ext:  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Encalypta</i> .Common Ext:  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Entodon co</i> .Montagne's  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Entosthodo</i> .Thin Cord-r | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Entosthodo</i> .Muhlenberg' | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Entosthodo</i> .Blunt Cord- | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Ephemerum</i> .NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Ephemerum</i> .Strap-leav   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Ephemerum</i> .Serrated Ea  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Eremonotus</i> .Clubwort    | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Eurhynchiu</i> .Common Str: | 0 > -1%       | > -1%       | LOW       | < +1%       |
| Bryophytes <i>Fissidens</i> .NA           | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Maidenhair   | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Fissidens</i> .Lesser Pocl  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Curnow's Po  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Welsh Pocke  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Fissidens</i> .Fatfoot Pocl | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Rock Pocke   | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Slender Pocl | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Narrow-leav  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Fissidens</i> .Short-leav   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Purple-sta   | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Petty Pocke  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> .River Pocke  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Beck Pocke   | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Fissidens</i> .Common Pocl  | 0 -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Fissidens</i> .NA           | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fissidens</i> .Green Pocke  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Fissidens</i> .NA           | 0 < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Bryophytes <i>Fontinalis</i> .Greater Wa  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Fossombron</i> .Common Fri: | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Fossombron</i> .NA          | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |



|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Bryophytes <i>Frullania</i> Dilated Scale                | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Frullania</i> Spotty Scale                 | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Frullania</i> Tamarisk Scale               | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Bryophytes <i>Frullania</i> Sea Scalewort                | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Funaria hygrometrica</i> Common Cornerwort | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Grimmia donniana</i> Donn's Grimmioid      | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Grimmia fusca</i> String Grimmioid         | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Grimmia laevigata</i> NA                   | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Grimmia pulchella</i> Grey-cushion         | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Grimmia radiata</i> Spreading Grimmioid    | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Grimmia tomentosa</i> Twisted Grimmioid    | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Grimmia trichomanes</i> NA                 | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Gymnocolea inflata</i> Inflated Neck       | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Gymnomitrium</i> Braided Frond             | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Gymnomitrium</i> Western Frond             | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Gymnomitrium</i> White Frost               | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Gymnostomum verdigris</i> Verdigris        | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Gymnostomum</i> Blunt-leaf                 | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Gymnostomum</i> Luisier's                  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Gyroweisia</i> Slender Stem                | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Hamatocaulon</i> Varnished Leaf            | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Harpalejeunea</i> Pointed Pot              | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Harpanthus</i> Stipular Frond              | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Hedwigia ciliata</i> NA                    | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Bryophytes <i>Hedwigia stellata</i> Starry Hoar          | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Hennediella</i> Stanford Scale             | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Herbertus</i> Straw Prong                  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Heterocladia</i> Wry-leaved                | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Heterocladia</i> NA                        | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Heterocladia</i> NA                        | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Homalia trichomanes</i> Blunt Feath        | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Homalotheca</i> Yellow Feath               | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Homalotheca</i> Silky Wall                 | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Hookeria</i> Shining Hoar                  | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Hygroamblystidium</i> Fountain Fe          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Hygroamblystidium</i> Willow Fea           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Hygrobiella</i> Lax Notchw                 | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Hygrohypnum</i> Claw Brook                 | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Hylocomias</i> Shaded Wood                 | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Hylocomium</i> Glittering                  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Hyocomium</i> Flagellate                   | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Hypnum andriacum</i> Mamillate I           | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Hypnum californicum</i> Downy Plain        | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Hypnum cupressinum</i> NA                  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Hypnum cupressinum</i> NA                  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Hypnum cupressinum</i> Great Plain         | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Hypnum cupressinum</i> Supine Plain        | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |

|   |             |             |           |             |
|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Hypnum jut.</i> Heath Plain   | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Isopterygi</i> .Neat Silk-r   | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> .Larger Mous   | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> .Holt's Mous   | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> .Slender Mous  | 0 < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Isothecium</i> .NA            | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Isothecium</i> .NA            | 0 -4 to -1% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Jamesoniella</i> .Autumn Flap | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Jungermann</i> .Dark-green    | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Jungermann</i> .Dwarf Flap    | 0 > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Kiaeria bl</i> .Blytt's Fo    | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Kiaeria fa</i> .Sickle-lea    | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Kindbergia</i> .Common Fea    | 0 > -1%     | > -1%       | LOW       | < +1%       |
| Bryophytes <i>Kurzia pau</i> .Bristly Fir   | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Kurzia syl</i> .Wood Finge    | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Kurzia tri</i> .Heath Finge   | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Leiocollea</i> .Bantry Notc   | 0 > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Leiocollea</i> .Ragged Notc   | 0 < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes <i>Lejeunea c</i> .Micheli's I   | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Lejeunea l</i> .Western Pot   | 0 > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lejeunea p</i> .Pearl Pounc   | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Lepidozia</i> .Rock Finge     | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Lepidozia</i> .Pearson's I    | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lepidozia</i> .Creeping F     | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Leptobarbu</i> .Beric Bearc   | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Leptodicty</i> .Kneiff's Fe   | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Leptodon s</i> .Prince-of-I   | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Leptodonti</i> .Bent-leave    | 0 < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Leskea pol</i> .Many-fruite   | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Leucobryum</i> .Large White   | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Leucobryum</i> .Smaller Wh    | 0 > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Leucodon s</i> .Squirrel-ta   | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Leucodon s</i> .NA            | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Loeskeobry</i> .Short-beak    | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Lophocollea</i> .Bifid Cres   | 0 > -1%     | > -1%       | LOW       | < +1%       |
| Bryophytes <i>Lophocollea</i> .Fragrant C   | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Lophocollea</i> .Variable-le  | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Lophozia e</i> .Capitate No   | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Lophozia i</i> .Jagged Notc   | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lophozia s</i> .Hill Notch    | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Lophozia v</i> .Tumid Notc    | 0 > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Lunularia</i> .Crescent-cr    | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Marchantia</i> .Common Live   | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Marchantia</i> .NA            | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Marchesini</i> .MacKay's P    | 0 < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Marsupella</i> .Scorched R    | 0 > -1%     | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Marsupella</i> .Notched Rus   | 0 < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Bryophytes <i>Marsupella</i> NA          | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Marsupella</i> Funk's Rus  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Marsupella</i> Stabler's I | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Metzgeria</i> Rock Veilw   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Metzgeria</i> Whiskered    | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Metzgeria</i> NA           | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Metzgeria</i> Forked Veil  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Metzgeria</i> Hooked Veil  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Metzgeria</i> Downy Veilw  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Metzgeria</i> Blueish Veil | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Microbryum</i> Floerke's I | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Microlejeu</i> Fairy Beads | 0 > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Mnium horn</i> Swan's-neck | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Bryophytes <i>Mnium marg</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Molendoa w</i> Warburg's M | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Mylia tayl</i> Taylor's F  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Nardia sca</i> Ladder Flap | 0 -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Neckera co</i> Flat Necke  | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Neckera cr</i> Crisped Ne  | 0 -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Neckera pu</i> Dwarf Necke | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Nowellia c</i> Wood-rust   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Odontoschi</i> Bog-m Flap  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Oedipodium</i> Gouty-moss  | 0 > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Oligotrich</i> Hercynian I | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Orthodonti</i> Cape Threa  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotheci</i> Fine-leave  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Orthotheci</i> Red Leskea  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Orthotrich</i> Wood Brist  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrich</i> Anomalous I | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Orthotrich</i> White-tippe | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Orthotrich</i> Lyell's Br  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrich</i> Elegant Br  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrich</i> River Brist | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrich</i> Rock Brist  | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Orthotrich</i> Showy Brist | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrich</i> Straw Brist | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Orthotrich</i> Shaw's Bris | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Orthotrich</i> Slender Br  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Oxyrrhynch</i> Swartz's Fe | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Oxyrrhynch</i> Dwarf Feat  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Oxyrrhynch</i> Twist-tip I | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Oxyrrhynch</i> Showy Feat  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Oxystegus</i> NA           | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Palustriel</i> NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Palustriel</i> NA          | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Pellia epi</i> Overleaf Pe | 0 -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Pellia nee</i> Nees' Pell: | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Phascum cuc</i> Cuspidate I | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Phascum cu</i> .NA          | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Philonotis</i> Thick-nerve  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Philonotis</i> Fountain A   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Physcomitri</i> Common Blac | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Plagiobryu</i> Zierian Hur  | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiochil</i> Greater Fea  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Plagiochil</i> Killarney I  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiochil</i> British Fea  | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiochil</i> Petty Featl  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Plagiochil</i> Western Fea  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiochil</i> Lesser Fea   | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Plagiochil</i> Spotty Fea   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiomniu</i> Many-fruite  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiomniu</i> Woodsy Thyr  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiomniu</i> Marsh Thyme  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiomniu</i> Long-beake   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiopus</i> Oeder's App   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Plagiothec</i> Curved Sill  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiothec</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Plagiothec</i> .NA          | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiothec</i> Bright Sill  | 0 | -4 to -1%   | < -7.5%     | HIGH      | +1 to +4%   |
| Bryophytes <i>Plagiothec</i> Alder Silk-  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiothec</i> Woodsy Sill  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Plagiothec</i> Juicy Silk-  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Plagiothec</i> Waved Silk-  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Plasteurhy</i> Lesser Str:  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Platyhypni</i> Portuguese   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Platyhypni</i> Long-beake   | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pleuridium</i> Awl-leaved   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Pleurozium</i> Red-stemme   | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Bryophytes <i>Pogonatum</i> Aloe Hairca   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pogonatum</i> Urn Hairca    | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pohlia ann</i> Pale-fruite  | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pohlia bul</i> Blunt-bud    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Pohlia cam</i> Crookneck l  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia dru</i> Drummond's   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia elo</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia lut</i> Yellow Thre  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pohlia mel</i> Pink-fruite  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Pohlia nut</i> Nodding Thi  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Pohlia wah</i> Pale Glauco  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Polytricha</i> Alpine Hair  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Polytricha</i> Bank Hairca  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Polytricha</i> Slender Ha:  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Polytrichu</i> Common Hair  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Bryophytes <i>Polytrichu</i> NA          | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Polytrichu</i> Juniper Ha  | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Polytrichu</i> Bristly Ha  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Polytrichu</i> Strict Hair | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Porella pi</i> Pinnate Sc  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Porella pl</i> Wall Scale  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Preissia q</i> Narrow Musl | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Pseudocall</i> Three-ranke | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Pseudocros</i> Hornschuch' | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Pseudotaxi</i> Elegant Si  | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Pterogoni</i> Bird's-foot  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Ptilidium</i> Ciliated Fr  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ptilidium</i> Tree Fringe  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Ptilium cr</i> Ostrich-plu | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Ptychomit</i> Long-shanke  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> Yellow Fri  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Racomitriu</i> Narrow-lea  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> NA          | 0 < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Bryophytes <i>Racomitriu</i> Oval-fruite | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> Long Fringe | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> Dense Fring | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> Green Moun  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> NA          | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Racomitriu</i> Bristly Fr  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Racomitriu</i> Woolly Fri  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Racomitriu</i> Slender Fr  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Radula aqu</i> Brown Scale | 0 -7.5 to -4% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Radula com</i> Even Scale  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Radula lin</i> Lindenberg' | 0 < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Bryophytes <i>Reboulia h</i> Hemisphaer  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Rhabdoweis</i> Toothed Str | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Rhabdoweis</i> Dwarf Stre  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Rhizomnium</i> Felted Thy  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Rhizomnium</i> Dotted Thy  | 0 -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Bryophytes <i>Rhynchoste</i> Tender Fea  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Rhynchoste</i> NA          | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Rhynchoste</i> Teesdale Fe | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Rhynchoste</i> Clustered I | 0 > -1%       | > -1%       | LOW       | +1 to +4%   |
| Bryophytes <i>Rhynchoste</i> Megapolita  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Rhynchoste</i> Wall Feathe | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Rhytidiade</i> Little Sha  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Rhytidiade</i> Big Shaggy- | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Bryophytes <i>Riccardia</i> Jagged Ger   | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Riccardia</i> Delicate Ge  | 0 < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Riccardia</i> Palmate Ge   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Riccia bey</i> Purple Cry  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Riccia cav</i> Cavernous ( | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Bryophytes <i>Riccia glauca</i> Glaucous Clubmoss               | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Saccogyna stragglans</i> Stragglings              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Sanionia uncinata</i> Sickles-leaved Moss         | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Sarmentypnum ringless</i> Ringless Hairmoss       | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sarmentypnum twiggys</i> Twiggys Moss             | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania alessandrae</i> Lesser Rough-leaved Moss | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania alessandrae</i> Rough Earwort            | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania ciliata</i> Thick-set Earwort            | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania ciliata</i> Untidy Earwort               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Scapania gillii</i> Western Earwort               | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Scapania imbricata</i> Heath Earwort              | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Scapania nana</i> Grove Earwort                   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Scapania norvegica</i> Norwegian Earwort          | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scapania uncinata</i> Marsh Earwort               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Scapania uncinata</i> Shady Earwort               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Scapania uncinata</i> Water Earwort               | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Schistidium nigrum</i> NA                         | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Schistidium nigrum</i> Thickpoint Moss            | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Schistidium nigrum</i> Seaside Green Moss         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Schistidium nigrum</i> Upright Moss               | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Schistostoma leucum</i> Luminous Moss             | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Sciurohypnum rufum</i> Rusty Feathermoss          | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Sciurohypnum rufum</i> Matted Feathermoss         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Scleropodium purum</i> Tufted Feathermoss         | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Scleropodium purum</i> Glasswort Moss             | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Scorpidium intermedium</i> Intermediate Moss      | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Scorpidium intermedium</i> Rusty Hookmoss         | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Scorpidium intermedium</i> NA                     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Scorpidium intermedium</i> Hooked Scorpidium Moss | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Scorpiurium curvum</i> Curving Feathermoss        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Seligeria seligeri</i> Sharp Rockmoss             | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Seligeria seligeri</i> Dwarf Rockmoss             | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Solenostoma crenulatum</i> Crenulated Moss        | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Solenostoma crenulatum</i> Transparent Moss       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Solenostoma crenulatum</i> Egg Flapwort           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Solenostoma crenulatum</i> Shining Flapwort       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Solenostoma crenulatum</i> Round-fruited Moss     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Sphagnum ciliatum</i> Red Bog-moss                | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Bryophytes <i>Sphagnum ciliatum</i> Red Bog-moss                | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum ciliatum</i> Compact Bogmoss             | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Bryophytes <i>Sphagnum ciliatum</i> Twisted Bogmoss             | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum ciliatum</i> Feathery Bogmoss            | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Sphagnum denticulatum</i> Cow-horn Bogmoss        | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum flexuosum</i> Flat-topped Bogmoss        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum flexuosum</i> Fringed Bogmoss            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum flexuosum</i> Flexuous Bogmoss           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum girgensohnii</i> Girgensohn's Moss       | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|  |               |             |           |             |
|--|---------------|-------------|-----------|-------------|
| Bryophytes <i>Sphagnum i.</i> Lesser Cow-  | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum p.</i> Blunt-leaved | 0 < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Bryophytes <i>Sphagnum p.</i> NA           | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Sphagnum p.</i> Papillose I  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Sphagnum p.</i> Golden Bog-  | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Sphagnum q.</i> Five-ranked  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum r.</i> NA           | 0 < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Bryophytes <i>Sphagnum r.</i> Russow's Bo  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum s.</i> Spiky Bog-r  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum s.</i> Lustrous Bo  | 0 -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Sphagnum s.</i> NA           | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Sphagnum s.</i> NA           | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Bryophytes <i>Sphagnum t.</i> Soft Bog-mo  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Sphagnum t.</i> Rigid Bog-r  | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Splachnum .</i> Round-fru    | 0 > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Bryophytes <i>Straminerg.</i> Straw Spear  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Syntrichia</i> Small Hair    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Water Scre    | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Intermediat   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Marble Scre   | 0 > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Sand-hill S   | 0 > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Syntrichia</i> Great Hair    | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Targionia .</i> Orobus-seed  | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Tetraphis .</i> Pellucid Fe  | 0 < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Tetraplodo.</i> Slender Cri  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Thamnobryu.</i> Fox-tail Fe  | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Thuidium d.</i> Delicate Te  | 0 < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Thuidium t.</i> Common Tama  | 0 > -1%       | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortella f.</i> Yellow Cris  | 0 -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Bryophytes <i>Tortella i.</i> Sassari Cr:  | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortella n.</i> Neat Crisp-  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Tortella t.</i> Frizzled Cr  | 0 > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Tortula la.</i> Lance-leaved | 0 > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortula ma.</i> Bordered Sc  | 0 < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Tortula mo.</i> Blunt-fru    | 0 < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tortula mu.</i> Wall Screw-  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Tortula pr.</i> Tall Pottia  | 0 > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Bryophytes <i>Tortula su.</i> Awl-leaved   | 0 < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Tortula tr.</i> Common Pot   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Trichocole.</i> Handsome Wo  | 0 -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Bryophytes <i>Trichodon .</i> Cylindric I  | 0 > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Trichostom.</i> Variable Cr  | 0 > -1%       | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Trichostom.</i> Curly Crisp  | 0 -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Tritomaria</i> Cut Notchw    | 0 < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Bryophytes <i>Tritomaria</i> Larger Cut    | 0 > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Bryophytes <i>Tritomaria</i> Lyon's Notc   | 0 > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Bryophytes <i>Ulota bruc.</i> Bruch's Pi   | 0 > -1%       | > -1%       | LOW       | > +7.5%     |

|   |   |           |             |           |             |
|---|---|-----------|-------------|-----------|-------------|
| Bryophytes <i>Ulota cris</i> ,Crisped Pi  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ulota cris</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Ulota hutc</i> ,Hutchins' I | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Ulota phyl</i> ,Frizzled P: | 0 | > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Bryophytes <i>Weissia</i> NA              | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Weissia br</i> ,Small-moutl | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Bryophytes <i>Weissia co</i> ,NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Bryophytes <i>Weissia lo</i> ,Crisp Bearc | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Bryophytes <i>Weissia lo</i> ,NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Bryophytes <i>Zygodon co</i> ,Lesser Yoke | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Bryophytes <i>Zygodon ru</i> ,Park Yoke-r | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Bryophytes <i>Zygodon vi</i> ,Green Yoke- | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Bryophytes <i>Zygodon vi</i> ,NA          | 0 | > -1%     | < -7.5%     | MODERATE  | < +1%       |
| Bryophytes <i>Zygodon vi</i> ,NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Acupalpus</i> ,NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Acupalpus</i> ,NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Acupalpus</i> ,NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Acupalpus</i> ,NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Agonum ema</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Agonum ful</i> ,NA          | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Agonum gra</i> ,NA          | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Carbid bee <i>Agonum mar</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Agonum mue</i> ,NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Agonum pic</i> ,NA          | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Agonum tho</i> ,NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Agonum vid</i> ,NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Carbid bee <i>Amara aene</i> ,Common Sun  | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Amara apri</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Amara bifr</i> ,NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Amara cons</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Amara conv</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Amara eque</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Amara eury</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Amara fami</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Amara luci</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Amara ovat</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Amara pleb</i> ,NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Amara prae</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Amara simi</i> ,NA          | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Amara tibi</i> ,NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Anchomenus</i> NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Anisodacty</i> ,NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Anthracus</i> ,NA           | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Asaphidion</i> NA           | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Asaphidion</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Carbid bee <i>Asaphidion</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Badister b</i> ,NA          | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |



|   |             |             |           |             |
|---|-------------|-------------|-----------|-------------|
| Carbid bee <i>Badister d</i> .NA              | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Badister s</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Badister u</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | -4 to -1%   | HIGH      | < +1%       |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Bembidion .</i> NA              | 0 > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid bee <i>Blemus dis</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Blethisa m</i> .NA              | 0 < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bracteon l</i> .NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bradycellu</i> .NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bradycellu</i> .NA              | 0 > -1%     | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Bradycellu</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Carbid bee <i>Bradycellu</i> .NA              | 0 < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Bradycellu</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Bradycellu</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Broscus ce</i> <sub>1</sub> .NA | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Calathus c</i> .NA              | 0 > -1%     | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Calathus e</i> .NA              | 0 < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Carbid bee <i>Calathus f</i> .NA              | 0 > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Calathus m</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Calathus m</i> .NA              | 0 > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid bee <i>Calathus m</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Calathus r</i> .NA              | 0 < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Calodromiu</i> .NA              | 0 < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Carbid bee <i>Calosoma i.</i> NA                      | 1 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid bee <i>Carabus ar.</i> NA                      | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid bee <i>Carabus gl.</i> NA                      | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid bee <i>Carabus gr.</i> NA                      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Carabus mo.</i> Necklace G <sub>1</sub> | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Carabus ne.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Carabus pr.</i> NA                      | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Curtonotus</i> NA                       | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Curtonotus</i> NA                       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Cymindis a.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid bee <i>Demetrias .</i> NA                      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Demetrias .</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Dromius ag.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid bee <i>Dromius me.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Dromius qu.</i> NA                      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Dyschirius</i> NA                       | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Dyschirius</i> NA                       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Dyschirius</i> NA                       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Dyschirius</i> NA                       | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Dyschirius</i> NA                       | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Carbid bee <i>Elaphrus u.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Eurynebria</i> NA                       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Harpalus a.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Harpalus a</i> NA                       | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Harpalus l.</i> NA                      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Carbid bee <i>Harpalus n.</i> NA                      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Carbid bee <i>Harpalus r.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Harpalus r.</i> NA                      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Carbid bee <i>Harpalus r.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Harpalus s.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Harpalus s.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Laemostenu.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Leistus fe.</i> NA                      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Leistus fu.</i> NA                      | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Leistus ru.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Leistus te.</i> NA                      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Licinus de.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid bee <i>Loricera p.</i> NA                      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Masoreus w.</i> NA                      | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Miscodera .</i> NA                      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Nebria bre</i> NA                       | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Nebria ruf.</i> NA                      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Nebria sal.</i> NA                      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Notiophilu.</i> NA                      | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid bee <i>Notiophilu.</i> NA                      | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid bee <i>Notiophilu.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Notiophilu.</i> NA                      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Carbid bee <i>Notiophilu</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Notiophilu</i> .NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Ocys harpa</i> .NA              | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Odacantha</i> .NA               | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Oodes helo</i> <sub>1</sub> .NA | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Ophonus ar</i> .NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Ophonus az</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Ophonus pu</i> .NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Ophonus sc</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Oxypselaph</i> .NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Panagaeus</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Paradromiu</i> .NA              | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Paradromiu</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Carbid bee <i>Paranchus</i> .NA               | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Patrobus a</i> .NA              | 0 | -4 to -1%   | < -7.5%     | HIGH      | +1 to +4%   |
| Carbid bee <i>Patrobus a</i> NA               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Philorhizu</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Philorhizu</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Philorhizu</i> .NA              | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Platyderus</i> NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Platynus a</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Carbid bee <i>Poecilus c</i> .NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Poecilus v</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Pogonus ch</i> .NA              | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Pterostich</i> .NA              | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Carbid bee <i>Pterostich</i> .NA              | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Carbid bee <i>Pterostich</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Carbid bee <i>Pterostich</i> .NA              | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Pterostich</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Pterostich</i> .NA              | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Pterostich</i> .NA              | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Pterostich</i> .NA              | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Carbid bee <i>Pterostich</i> .NA              | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Carbid bee <i>Pterostich</i> .NA              | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Carbid bee <i>Pterostich</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Stenolophu</i> .NA              | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Stomis pum</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Carbid bee <i>Syntomus f</i> .NA              | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Carbid bee <i>Syntomus o</i> .NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Carbid bee <i>Syntomus t</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Synuchus v</i> .NA              | 0 | < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Carbid bee <i>Tachys bis</i> NA               | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Carbid bee <i>Trechoblem</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Carbid bee <i>Trechus qu</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Carbid bee <i>Trechus ru</i> .NA              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Carbid bee <i>Trechus se</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Carbid bee <i>Trichoce</i> ll.NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |

|  |   |             |             |           |             |
|--|---|-------------|-------------|-----------|-------------|
| Carbid bee <i>Trichocell</i> .NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Centipedes <i>Cryptops a</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Centipedes <i>Cryptops h</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Centipedes <i>Geophilus</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Centipedes <i>Geophilus</i> .NA            | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Centipedes <i>Geophilus</i> .NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Centipedes <i>Geophilus</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Centipedes <i>Henia vesu</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Centipedes <i>Lithobius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Centipedes <i>Lithobius</i> .NA            | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Centipedes <i>Lithobius</i> .NA            | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Centipedes <i>Lithobius</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Centipedes <i>Lithobius</i> .NA            | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Centipedes <i>Lithobius</i> .NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Centipedes <i>Schendyla</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Centipedes <i>Stigmatoga</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Centipedes <i>Strigamia</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Centipedes <i>Strigamia</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Coccinelid <i>Adalia bip</i> .Two-spot La  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Coccinelid <i>Adalia dec</i> .Ten-spot La  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Coccinelid <i>Anatis oce</i> .Eyed Ladyb:  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Coccinelid <i>Anisostict</i> .Water Ladyl  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Coccinelid <i>Chilocorus</i> .Kidney-spot  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Coccinelid <i>Coccidula</i> .NA            | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Coccinelid <i>Coccinella</i> .Seven-spot   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Coccinelid <i>Coccinella</i> .Eleven-spot  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Coccinelid <i>Exochomus</i> .Pine Ladyb:   | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Coccinelid <i>Halysia se</i> .Orange Lady  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Coccinelid <i>Hippodamia</i> .Adonis' Lac  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Coccinelid <i>Propylea q</i> .Fourteen-sp  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Coccinelid <i>Psyllobora</i> .Twentytwo-s  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Coccinelid <i>Rhizophius</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Coccinelid <i>Scymnus su</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Coccinelid <i>Subcoccine</i> .Twentyfour-  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Coccinelid <i>Tytthaspis</i> .Sixteen-sp   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Craneflies <i>Nephrotoma</i> .NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Craneflies <i>Ptychopter</i> .NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Craneflies <i>Ptychopter</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Craneflies <i>Ptychopter</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Craneflies <i>Tipula ful</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Craneflies <i>Tipula lat</i> .NA           | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Craneflies <i>Tipula lun</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Craneflies <i>Tipula max</i> .NA           | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Craneflies <i>Tipula ole</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Craneflies <i>Tipula unc</i> .NA           | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Craneflies <i>Tipula var</i> .NA           | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Crickets at <i>Chorthippu</i> .Lesser Mar: | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Crickets at <i>Chorthippu</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Chorthippu</i> .Meadow Grass   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Conocephal</i> .NA             | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Crickets at <i>Conocephal</i> .NA             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Crickets at <i>Ectobius p</i> .Tawny Cock     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Crickets at <i>Ectobius p</i> .Lesser Cock    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Crickets at <i>Forficula</i> .Common Ear      | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Crickets at <i>Forficula</i> .Lesne's Ear     | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Crickets at <i>Leptophyes</i> .NA             | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Crickets at <i>Meconema t</i> .NA             | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Crickets at <i>Metrioptera</i> .NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Crickets at <i>Metrioptera</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Crickets at <i>Myrmeleote</i> .Mottled Grass  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Crickets at <i>Nemobius s</i> .Wood Cricket   | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Crickets at <i>Omocestus</i> .Woodland Grass  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Crickets at <i>Omocestus</i> .Common Grass    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Crickets at <i>Pholidoptera</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Platycleis</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Crickets at <i>Stenobothrus</i> .Stripe-wing  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Crickets at <i>Tetrix cep</i> .Cepero's Grass | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Crickets at <i>Tetrix sub</i> .NA             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Crickets at <i>Tetrix und</i> .NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Anasimyia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Anasimyia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Anasimyia</i> .NA               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Arctophila</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Baccha elo</i> .NA              | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Brachyopa</i> .NA               | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Brachypalp</i> .NA              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Brachypalp</i> .NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Callicera</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Chalcosyrph</i> .NA             | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Cheilosia</i> .NA               | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Hoverflies <i>Cheilosia</i> ,NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Cheilosia</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Cheilosia</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Chrysogast</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Chrysogast</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Chrysotoxu</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Chrysotoxu</i> .NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Chrysotoxu</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Chrysotoxu</i> .NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Chrysotoxu</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Criorhina</i> ,NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Criorhina</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Criorhina</i> ,NA           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Dasysyrphu</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Dasysyrphu</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Dasysyrphu</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Dasysyrphu</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Dasysyrphu</i> .NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Didea fasc</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Didea inte</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Epistrophe</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Epistrophe</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Epistrophe</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Epistrophe</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Episyrrhus</i> NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Eriozona e</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Eriozona s</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Eristalinu</i> .NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eristalis</i> ,NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Eristalis</i> ,NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> ,NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Eristalis</i> ,NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Eristalis</i> NA            | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Eumerus fu</i> .Lesser Bull | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eumerus or</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eumerus sa</i> .NA          | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Hoverflies <i>Eumerus st.</i> Lesser Bull | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Eupeodes b.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eupeodes c.</i> NA          | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eupeodes l.</i> NA          | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Eupeodes l.</i> NA          | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Eupeodes n.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Eupeodes n.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Ferdinande.</i> NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Helophilus</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Helophilus</i> NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Helophilus</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Heringia h.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Heringia p.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Heringia v.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Lejogaster</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Leucozona</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Leucozona</i> .NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Melangyna</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Melanogast.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Melanogast.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Melanostom.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Meligramma</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Meligramma</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Meliscaeva</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Merodon eq.</i> Greater Bu. | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Microdon a.</i> NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Hoverflies <i>Microdon m.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Myathropa</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Myolepta d.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Neoascia g.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Neoascia i.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Neoascia m.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Neoascia o.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Neoascia p.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Orthonevra</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Orthonevra</i> NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Hoverflies <i>Orthonevra</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Paragus ha.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Paragus ti.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Parasyrphu.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Parasyrphu.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Parasyrphu.</i> NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |

|                                  |   |         |             |           |             |
|----------------------------------|---|---------|-------------|-----------|-------------|
| Hoverflies <i>Parhelophi</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Parhelophi</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Pelecocera</i> .NA | 0 | > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Pipiza aus</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Pipiza bim</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Pipiza fen</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | < +1%       |
| Hoverflies <i>Pipiza lug</i> .NA | 0 | < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Pipiza lut</i> .NA | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Pipiza noc</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Pipizella</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Pipizella</i> .NA  | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Platycheir</i> .NA | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Platycheir</i> .NA | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Platycheir</i> .NA | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Portevinia</i> .NA | 0 | > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Hoverflies <i>Psilota an</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Rhingia ca</i> .NA | 0 | > -1%   | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Riponnensi</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Scaeva sel</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Sericomyia</i> .NA | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Hoverflies <i>Sericomyia</i> .NA | 0 | > -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Hoverflies <i>Sphaeropho</i> .NA | 0 | < -7.5% | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Hoverflies <i>Sphaeropho</i> .NA | 0 | > -1%   | > -1%       | LOW       | +4 to +7.5% |
| Hoverflies <i>Sphaeropho</i> .NA | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Sphaeropho</i> .NA | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Sphagina e</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Sphagina v</i> .NA | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Syrirta pi</i> .NA | 0 | > -1%   | > -1%       | LOW       | +1 to +4%   |
| Hoverflies <i>Syrphus ri</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Syrphus to</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Syrphus vi</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies <i>Trichopsom</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Triglyphus</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Tropidia s</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies <i>Volucella</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Volucella</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Volucella</i> .NA  | 0 | < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies <i>Volucella</i> .NA  | 0 | > -1%   | > -1%       | LOW       | > +7.5%     |
| Hoverflies <i>Xanthandru</i> .NA | 0 | < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |



|            |                                |   |           |             |           |             |
|------------|--------------------------------|---|-----------|-------------|-----------|-------------|
| Hoverflies | <i>Xanthogram</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Hoverflies | <i>Xanthogram</i> NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Hoverflies | <i>Xylota abi</i> .NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies | <i>Xylota flo</i> .NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Hoverflies | <i>Xylota jak</i> .NA          | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Hoverflies | <i>Xylota seg</i> .NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies | <i>Xylota syl</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Hoverflies | <i>Xylota tar</i> .NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Hoverflies | <i>Xylota xan</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Archiboreo</i> .NA          | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Millipedes | <i>Bianiulus</i> Spotted Sn    | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Millipedes | <i>Boreoiulus</i> NA           | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Millipedes | <i>Brachydesm</i> .NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Millipedes | <i>Chordeuma</i> ,NA           | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Millipedes | <i>Cylindroi</i> .NA           | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Millipedes | <i>Cylindroi</i> .NA           | 0 | -4 to -1% | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Cylindroi</i> .NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Cylindroi</i> .Blunt-tail   | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Millipedes | <i>Glomeris m</i> Pill Millip  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Millipedes | <i>Julus scan</i> .NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Millipedes | <i>Macrostern</i> .NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Millipedes | <i>Melogona s</i> .NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Millipedes | <i>Nanogona p</i> Eyed Flat-l  | 0 | > -1%     | -4 to -1%   | MODERATE  | +1 to +4%   |
| Millipedes | <i>Nemasoma v</i> .NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Millipedes | <i>Ommatoiulu</i> .Striped Mi  | 0 | > -1%     | -7.5 to -4% | MODERATE  | +1 to +4%   |
| Millipedes | <i>Ophiodesmu</i> .NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Millipedes | <i>Ophiulus</i> ,NA            | 0 | > -1%     | < -7.5%     | MODERATE  | +1 to +4%   |
| Millipedes | <i>Polydesmus</i> Common Fla   | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Millipedes | <i>Polydesmus</i> NA           | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Millipedes | <i>Polydesmus</i> NA           | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Millipedes | <i>Tachypodoi</i> .White-legg  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths      | <i>Abraxas gr</i> .The Magpie  | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths      | <i>Acasis vir</i> .Yellow-barr | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths      | <i>Achlya fla</i> .Yellow Horn | 0 | > -1%     | < -7.5%     | MODERATE  | < +1%       |
| Moths      | <i>Acronicta</i> .The Sycamo   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths      | <i>Acronicta</i> .Alder Moth   | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths      | <i>Acronicta</i> .Light Knot   | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths      | <i>Acronicta</i> .Knot Grass   | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths      | <i>Acronicta</i> Dark Dagge    | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths      | <i>Actebia pr</i> .Portland M  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths      | <i>Adscita ge</i> .Cistus For  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths      | <i>Adscita st</i> .The Forest  | 1 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths      | <i>Aethalura</i> ,Grey Birch   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths      | <i>Agriopis a</i> .Scarce Umb  | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths      | <i>Agriopis l</i> .Spring Ush  | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths      | <i>Agriopis m</i> .Dotted Bor  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths      | <i>Agrochola</i> .The Brick    | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |

|       |                                 |   |             |             |           |             |
|-------|---------------------------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Agrochola</i> .Flounced Cl   | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Agrochola</i> .Brown-spot    | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Agrochola</i> .Red-line Qu   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Agrochola</i> .Beaded Ches   | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Agrochola</i> .Yellow-line   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Agrotis ci</i> .Light Featle | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Agrotis ex</i> Heart & Dae   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Agrotis ri</i> .Sand Dart    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Alcis juba</i> Dotted Carp   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Aleucis di</i> .Sloe Carpet  | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Allophyes</i> .Green-brinc   | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Alsophila</i> .March Moth    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Amphipoea</i> .Crinan Ear    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Amphipoea</i> .Saltern Ear   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Amphipoea</i> .Large Ear     | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Angerona p</i> .Orange Motle | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Anticlea d</i> .The Stream   | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Anticollix</i> Dentated Pt   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Antitype c</i> .Grey Chi     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Apamea anc</i> .Large Nutme  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Apamea fur</i> .The Confuse  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Apamea lit</i> .Light Arche  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Apamea obl</i> .Crescent S   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Apamea oph</i> .Double Lobe  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Apamea sco</i> .Slender Br   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Apamea sor</i> .Rustic Sho   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Apamea sub</i> .Reddish Lig  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Apamea una</i> .Small Clou   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Apeira syr</i> .Lilac Beau   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Apocheima</i> .Small Brinc   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Aporophylla</i> Feathered I  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Aporophylla</i> Black Rust:  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Archanara</i> .Twin-spotte   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Archanara</i> .Webb's Wain   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Archiearis</i> Light Orang   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Arctia caj</i> .Garden Tig   | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Arctia vil</i> .Cream-spot   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Arenostola</i> Fen Wainsco   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Asthena al</i> .Small White  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Atethmia c</i> .Centre-barr  | 1 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Atolmis ru</i> .Red-necked   | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Autographa</i> Gold Spangl   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Autographa</i> Plain Golde   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Axylia put</i> .The Flame    | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Bena bicol</i> .Scarce Silv  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Biston str</i> .Oak Beauty   | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Blepharita</i> Dark Brocac   | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |

|       |                                |   |             |             |           |             |
|-------|--------------------------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Cabera exa</i> .Common Wave | 0 | > -1%       | -4 to -1%   | MODERATE  | < +1%       |
| Moths | <i>Callimorph</i> .Scarlet Tig | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Callistege</i> .Mother Ship | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Calophasia</i> .Toadflax B  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Camptogram</i> .Yellow She  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Caradrina</i> .Mottled Rus  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Carsia sor</i> .Manchester  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Catarhoe c</i> .Royal Mantl | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Catarhoe r</i> .Ruddy Carpe | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Catocala n</i> .Red Underw  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Celaena ha</i> .Haworth's M | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Cepphis ad</i> .Little Thoi | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Cerastis l</i> .White-mark  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Cerura vin</i> .Puss Moth   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Charanyca</i> .Treble Line  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Chesias ru</i> .Broom-tip   | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Chilodes m</i> .Silky Wains | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Chlorissa</i> .Small Grass  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Chloroclys</i> .Dark Marble | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Chloroclys</i> .Arran Carpe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Chloroclys</i> .Autumn Gree | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Chloroclys</i> .Red-green ( | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Chortodes</i> .Mere Wainsc  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cidaria fu</i> .Barred Yell | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Clostera c</i> .Chocolate-  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Coenobia r</i> .Small Rufou | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Coenocalpe</i> .Slender-st  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Colocasia</i> .Nut-tree Tu  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Colotois p</i> .Feathered   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Comibaena</i> .Blotched Er  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Conistra l</i> .Dark Chest  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Conistra r</i> .Dotted Ches | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Coscinia c</i> .Speckled Fo | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Cosmia aff</i> .Lesser-spot | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cosmia pyr</i> .Lunar-spot  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cosmia tra</i> .The Dun-ba  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Cossus cos</i> .Goat Moth   | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Craniophor</i> .The Corone  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Crocallis</i> .Scalloped (  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Cryphia mu</i> .Marbled Gre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cucullia a</i> .The Wormwo  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cucullia a</i> .Star-wort   | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cucullia c</i> .Chamomile S | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cucullia u</i> .The Shark   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Cybosia me</i> .Four-dotte  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Cyclophora</i> .The Mocha   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Cyclophora</i> .Clay Triple | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |

|       |                   |              |   |             |             |           |             |
|-------|-------------------|--------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Cyclophora</i> | Dingy Mocha  | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Cyclophora</i> | False Mocha  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Cyclophora</i> | Maiden's B.  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Cymatophor</i> | Oak Lutest   | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Dasypolia</i>  | Brindled O   | 1 | < -7.5%     | -4 to -1%   | HIGH      | < +1%       |
| Moths | <i>Deilephila</i> | Elephant H   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Deilephila</i> | Small Eleph  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Deltote ba</i> | Silver Bar   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Deltote un</i> | Silver Hool  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Diacrisia</i>  | .Clouded Bu  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Diarsia da</i> | Barred Ches  | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Moths | <i>Dicallomer</i> | Dark Tusso   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Dichonia a</i> | Merveille (  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Diloba cae</i> | Figure of I  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Discoloxia</i> | Blomer's R   | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Drepana fa</i> | Pebble Hool  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Drymonia d</i> | Marbled Bro  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Moths | <i>Dryobotode</i> | .Brindled G  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Dypterygia</i> | Bird's Wing  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Dyscia fag</i> | Grey Scallo  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Earias clo</i> | Cream-borde  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Egira cons</i> | Silver Clou  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eilema can</i> | Hoary Foot   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Eilema com</i> | Scarce Foot  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eilema dep</i> | Buff Footm   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eilema gri</i> | Dingy Foot   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eilema lur</i> | Common Foot  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Eilema pyg</i> | Pigmy Foot   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eilema sor</i> | Orange Foot  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Elaphria v</i> | Rosy Marble  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Enargia pa</i> | Angle-strip  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Endromis v</i> | Kentish Glo  | 0 | > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Moths | <i>Ennomos al</i> | Canary-sho   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Ennomos au</i> | Large Thorn  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Ennomos er</i> | September    | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Ennomos qu</i> | August Tho   | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Entephria</i>  | .Grey Mount  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Entephria</i>  | .Yellow-ring | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Epione rep</i> | Bordered Be  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Epirrhoe r</i> | Wood Carpe   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Epirrhoe t</i> | Small Arger  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths | <i>Epirrita a</i> | Autumnal M   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Epirrita c</i> | Pale Novemb  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Epirrita f</i> | Small Autu   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Eremobia o</i> | Dusky Sallo  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Eriogaster</i> | Small Egg    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Euchoeca n</i> | Dingy Shel   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |

|       |                    |               |   |           |             |           |             |
|-------|--------------------|---------------|---|-----------|-------------|-----------|-------------|
| Moths | <i>Euclidia g</i>  | Burnet Com    | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Eugnorisma</i>  | Plain Clay    | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Eugnorisma</i>  | Autumnal R    | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Eulithis m</i>  | The Spinacl   | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eulithis p</i>  | The Phoeni    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eulithis p</i>  | Barred Stra   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Euphyia bi</i>  | Cloaked Ca    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Brindled Pt   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Wormwood Pt   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Currant Pug   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Thyme Pug     | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | Oak-tree Pt   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Pauper Pug    | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Mottled Pug   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Haworth's I   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Eupithecia</i>  | Tawny Specl   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Eupithecia</i>  | Pinion-spor   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | Maple Pug     | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Marbled Pug   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Larch Pug     | 0 | > -1%     | -4 to -1%   | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | Toadflax Pt   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | Yarrow Pug    | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Narrow-wing   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Pimpinel Pt   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | Lead-colour   | 0 | > -1%     | > -1%       | LOW       | < +1%       |
| Moths | <i>Eupithecia</i>  | Foxglove Pt   | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | Satyr Pug     | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths | <i>Eupithecia</i>  | Plain Pug     | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Shaded Pug    | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Bordered Pt   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Eupithecia</i>  | White-spot    | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Golden-rod    | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Eupithecia</i>  | Common Pug    | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Euproctis</i>   | Brown-tail    | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Eupsilia t</i>  | The Satell    | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths | <i>Eurois occ</i>  | Great Broca   | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Euxoa curs</i>  | Coast Dart    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Euxoa trit</i>  | White-line    | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Furcula bi</i>  | Alder Kitten  | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Furcula bi</i>  | Poplar Kitten | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Furcula fu</i>  | Sallow Kitten | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Gnophos ob</i>  | Scotch Ann    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Gortyna fl</i>  | Frosted Ora   | 0 | -4 to -1% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Graphiphora</i> | Double Dart   | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Gymnosceli</i>  | Double-str    | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Habrosyne</i>   | Buff Arches   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Hadena alb</i>  | White Spot    | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |

|       |                    |             |   |             |             |           |             |
|-------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Hadena com</i>  | Varied Corc | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Hecatera b</i>  | Broad-barre | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Heliophobu</i>  | Bordered Go | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Hemistola</i>   | Small Emera | 1 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Hepialus h</i>  | Gold Swift  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Hepialus s</i>  | Orange Swif | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Herminia g</i>  | Small Fan-t | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Hoplodrina</i>  | The Uncerta | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Hoplodrina</i>  | The Rustic  | 1 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Horisme te</i>  | The Fern    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Hydrelia f</i>  | Small Yello | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Hydriomena</i>  | May Highfl  | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +1 to +4%   |
| Moths | <i>Hydriomena</i>  | Ruddy High  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Hylaea fas</i>  | Barred Red  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Hyles gall</i>  | Bedstraw H  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Hypena pro</i>  | The Snout   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Hypenodes</i>   | Marsh Oblic | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Hypomecis</i>   | Pale Oak Be | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Hyppa rect</i>  | The Saxon   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Idaeae aver</i> | Riband Wave | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Idaeae bise</i> | Small Fan-t | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Idaeae dimi</i> | Single-dot  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Idaeae emar</i> | Small Scal  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Idaeae fusc</i> | Dwarf Creat | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Idaeae muri</i> | Purple-borc | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Idaeae seri</i> | Small Dust  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Idaeae subs</i> | Satin Wave  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Idaeae trig</i> | Treble Bro  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Ipimorpha</i>   | Double Kid  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Ipimorpha</i>   | The Olive   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Itame brun</i>  | Rannoch Loc | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Jodis lact</i>  | Little Emer | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Lacanobia</i>   | Bright-line | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Lacanobia</i>   | Light Broc  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Lampropter</i>  | Water Carpe | 0 | -4 to -1%   | < -7.5%     | HIGH      | +4 to +7.5% |
| Moths | <i>Laothoe po</i>  | Poplar Hawl | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Larentia c</i>  | The Mallow  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Lasiocampa</i>  | Oak Eggar   | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Lasiocampa</i>  | Grass Eggar | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Laspeyria</i>   | Beautiful I | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Leucochlae</i>  | Beautiful C | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Leucoma sa</i>  | White Satin | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Lithomoia</i>   | Golden-rod  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Lithophane</i>  | Pale Pinion | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Lithophane</i>  | Grey Shoul  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Lithosia q</i>  | Four-spotte | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Lobophora</i>   | The Seraph: | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|       |                                |   |             |             |           |             |
|-------|--------------------------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Lomographa</i> White-pinic  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Luperina n.</i> Sandhill R  | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Moths | <i>Lycia hirt.</i> Brindled B  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Lygephila</i> ,The Blackne  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Macaria al</i> Sharp-angle  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Macaria no</i> Peacock Mo   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Macaria wa.</i> The V-Moth  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Macrochilo</i> Dotted Fan-  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Macrogloss.</i> Hummingbird | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Macrothyla.</i> Fox Moth    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Malacosoma</i> The Lackey   | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Mamestra b.</i> Cabbage Mo  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Meganola s</i> Small Black  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Melanchra</i> ,Dot Moth     | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Melanthia</i> ,Pretty Cha   | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Menophra a.</i> Waved Umber | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Mesoligia</i> .Cloaked Mir  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Miltochris</i> Rosy Footma  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Mimas tili.</i> Lime Hawk-r | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Moma alpiu.</i> Scarce Mery | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna a.</i> White-point | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Mythimna c.</i> Shoulder-s  | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Mythimna o.</i> Obscure Wa: | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna p.</i> Common Wair | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Mythimna p.</i> Striped Wa: | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Mythimna p.</i> Devonshire  | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna t.</i> Double Line | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Mythimna u.</i> White-specl | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Naenia typ.</i> The Gothic  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Nebula sal.</i> Striped Tw: | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Noctua com.</i> Lesser Yel. | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Noctua fim.</i> Broad-borde | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Nola confu.</i> Least Black | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Nonagria t.</i> Bulrush Wa: | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Notodonta</i> ,Iron Promi   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Notodonta</i> .Pebble Pro   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Nudaria mu.</i> Muslin Foo  | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Moths | <i>Odezia atr.</i> Chimney Swe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Odontopera</i> Scalloped I  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Odontosia</i> ,Scarce Pro   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Oligia fas.</i> Middle-bar  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Oligia lat.</i> Tawny Marb. | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Oligia str.</i> Marbled Mir | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Oligia ver.</i> Rufous Min  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Omphalosce.</i> Lunar Under | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Operophter.</i> Winter Motl | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Operophter.</i> Northern W: | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |

|       |                    |             |   |             |             |           |             |
|-------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Opisthogra</i>  | Brimstone M | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Moths | <i>Oria muscu</i>  | Brighton Wa | 1 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Orthosia c.</i> | Small Quake | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Orthosia g.</i> | Hebrew Char | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Orthosia g.</i> | Powdered Qu | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Orthosia i.</i> | Clouded Dra | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths | <i>Orthosia m.</i> | Blossom Unc | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Orthosia m.</i> | Twin-spotte | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Orthosia o.</i> | Northern Di | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Orthosia p.</i> | Lead-colour | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Ourapteryx</i>  | Swallow-ta: | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Pachycnemi</i>  | Horse Ches  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Panemeria</i>   | Small Yello | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Panolis fl.</i> | Pine Beaut  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Papestra b.</i> | Glaucous Sl | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Paracolax</i>   | Clay Fan-f  | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Paradarisa</i>  | Square Spo  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Paradrina</i>   | Pale Mottl  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Parascotia</i>  | Waved Black | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Parasemia</i>   | Wood Tiger  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Parectropi</i>  | Brindled Wh | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Pasiphila</i>   | Sloe Pug    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Pasiphila</i>   | Bilberry Pt | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Pasiphila</i>   | Green Pug   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Pelosia mu.</i> | Dotted Foot | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Pelurga co.</i> | Dark Spinac | 1 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Perconia s.</i> | Grass Wave  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Peribatode</i>  | Willow Beat | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Peridea an.</i> | Great Prom: | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Perizoma a.</i> | Small Rivu. | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Perizoma b.</i> | Pretty Pin: | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Perizoma d.</i> | Twin-spot ( | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Perizoma f.</i> | Sandy Carpe | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Perizoma s.</i> | Marsh Carpe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Phalera bu.</i> | Buff-tip    | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Phibalapte</i>  | Oblique Str | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Philereme</i>   | Dark Umber  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Philereme</i>   | Brown Scal. | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Phlogophor.</i> | Angle Shade | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Photedes c.</i> | Least Minor | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Phytometra</i>  | Small Purp. | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Plagodis d.</i> | Scorched W: | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Plagodis p.</i> | Barred Umbe | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Moths | <i>Plemyria r.</i> | Blue-borde  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Plusia fes</i>  | Gold Spot   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Plusia put.</i> | Lempke's G  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Poecilocam</i>  | December Mo | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |



|       |                   |             |   |             |             |           |             |
|-------|-------------------|-------------|---|-------------|-------------|-----------|-------------|
| Moths | <i>Polia bomb</i> | Pale Shini  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Moths | <i>Polia nebu</i> | Grey Arch   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Polia trim</i> | Silvery Arc | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Moths | <i>Polymixis</i>  | Large Ranu  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Polymixis</i>  | Feathered I | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Polyploca</i>  | Frosted Gre | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Pteraphera</i> | Small Serap | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Pterostoma</i> | Pale Promi  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Ptilodon c</i> | Maple Prom  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Ptilophora</i> | Plumed Pro  | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Moths | <i>Pyrrhia um</i> | Bordered Sa | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Rheumapter</i> | Scarce Tis  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Moths | <i>Rheumapter</i> | Argent & Sa | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Moths | <i>Rheumapter</i> | Scallop She | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Rhizedra l</i> | Large Wain  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Rhyacia si</i> | Dotted Rus  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Rivula ser</i> | Straw Dot   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Saturnia p</i> | Emperor Mo  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Schrankia</i>  | Pinion-str  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Schrankia</i>  | White-line  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Moths | <i>Scopula em</i> | Rosy Wave   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Moths | <i>Scopula fl</i> | Cream Wave  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Scopula im</i> | Small Bloo  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Moths | <i>Scopula ru</i> | Tawny Wave  | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Scopula te</i> | Smoky Wave  | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Moths | <i>Scotoptery</i> | Chalk Carpe | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Scotoptery</i> | July Belle  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Moths | <i>Scotoptery</i> | Lead Belle  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Selenia de</i> | Early Thorn | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Selenia lu</i> | Lunar Thorn | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths | <i>Selidosema</i> | Bordered G  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Semiaspila</i> | Yellow Bel  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Sesia bemb</i> | Lunar Horne | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Moths | <i>Setina irr</i> | Dew Moth    | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Moths | <i>Shargacucu</i> | Striped Lyc | 1 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Shargacucu</i> | The Mullein | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Moths | <i>Simyra alb</i> | Reed Dagge  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Moths | <i>Spaelotis</i>  | Stout Dart  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Spargania</i>  | White-bande | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths | <i>Spilosoma</i>  | Buff Ermin  | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Moths | <i>Spilosoma</i>  | Water Ermi  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Moths | <i>Stilbia an</i> | The Anomalo | 1 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Moths | <i>Tethea ocu</i> | Figure of I | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Tetheella</i>  | Satin Lute  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths | <i>Thalpophil</i> | Straw Under | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Moths | <i>Thera cogn</i> | Chestnut-co | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Moths | <i>Thera cupr</i> | Cypress Ca  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |

|         |                   |                |   |           |             |           |             |
|---------|-------------------|----------------|---|-----------|-------------|-----------|-------------|
| Moths   | <i>Thera firm</i> | Pine Carpet    | 0 | > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Moths   | <i>Thera juni</i> | Juniper Carpet | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Theria pri</i> | Early Moth     | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Tholera ce</i> | Hedge Rust:    | 1 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths   | <i>Tholera de</i> | Feathered (    | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Thumatha s</i> | Round-winged   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Trichiura</i>  | Pale Egg       | 1 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Moths   | <i>Trichopter</i> | Early Tooth    | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths   | <i>Trichopter</i> | Barred Tooth   | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Triphosa d</i> | The Tissue     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths   | <i>Trisateles</i> | Olive Crest    | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Tyta luctu</i> | The Four-sp    | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Venusia ca</i> | Welsh Wave     | 0 | -4 to -1% | < -7.5%     | HIGH      | +4 to +7.5% |
| Moths   | <i>Watsonalla</i> | Barred Hool    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Moths   | <i>Xanthia ci</i> | Orange Sal     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Xanthia gi</i> | Dusky-lemo     | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths   | <i>Xanthia ic</i> | The Sallow     | 1 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Xanthia oc</i> | Pale-lemon     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Xanthorhoe</i> | Balsam Carp    | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Moths   | <i>Xanthorhoe</i> | Red Carpet     | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Moths   | <i>Xanthorhoe</i> | Garden Carp    | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Moths   | <i>Xanthorhoe</i> | Large Twin-    | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Moths   | <i>Xestia aga</i> | Heath Rust:    | 1 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Xestia tri</i> | Double Squa    | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Moths   | <i>Xylena exs</i> | Sword-grass    | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Moths   | <i>Xylena vet</i> | Red Sword-g    | 0 | -4 to -1% | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Moths   | <i>Xylocampa</i>  | Early Grey     | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Moths   | <i>Zanclognat</i> | The Fan-fo     | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Moths   | <i>Zeuzera py</i> | Leopard Mo     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Moths   | <i>Zygaena lo</i> | Narrow-bor     | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Odonata | <i>Aeshna cae</i> | Azure hawk     | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Odonata | <i>Aeshna gra</i> | Brown hawk     | 0 | < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Odonata | <i>Aeshna jun</i> | Common haw     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata | <i>Anax imper</i> | Emperor dra    | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata | <i>Brachytron</i> | Hairy drag     | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata | <i>Calopteryx</i> | Banded dem     | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Odonata | <i>Ceriagrion</i> | Small red      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata | <i>Coenagrion</i> | Azure damse    | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Odonata | <i>Cordulegas</i> | Golden-ring    | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Odonata | <i>Cordulia a</i> | Downy eme      | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Odonata | <i>Enallagma</i>  | Common blu     | 0 | < -7.5%   | -4 to -1%   | HIGH      | < +1%       |
| Odonata | <i>Erythromma</i> | Red-eyed da    | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Odonata | <i>Gomphus vu</i> | Club-tailed    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata | <i>Ischnura e</i> | Blue-tailed    | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Odonata | <i>Ischnura p</i> | Scarce blu     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata | <i>Lestes spo</i> | Emerald dar    | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Odonata | <i>Libellula</i>  | Broad-bodie    | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |

|                |                     |                         |   |           |             |           |             |
|----------------|---------------------|-------------------------|---|-----------|-------------|-----------|-------------|
| Odonata        | <i>Libellula</i>    | Four-spotted            | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata        | <i>Orthetrum</i>    | Black-tailed            | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata        | <i>Orthetrum</i>    | Keeled skimmer          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Odonata        | <i>Pyrrhosoma</i>   | Large red damselfly     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata        | <i>Somatochlora</i> | Brilliant damselfly     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Odonata        | <i>Sympetrum</i>    | Black damselfly         | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata        | <i>Sympetrum</i>    | Yellow-winged damselfly | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Odonata        | <i>Sympetrum</i>    | Ruddy damselfly         | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Odonata        | <i>Sympetrum</i>    | Common damselfly        | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | -4 to -1% | < -7.5%     | HIGH      | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | -4 to -1%   | HIGH      | < +1%       |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | -4 to -1% | < -7.5%     | HIGH      | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Cantharis</i>    | .NA                     | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Soldier beetle | <i>Malthinus</i>    | .NA                     | 0 | > -1%     | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Malthinus</i>    | .NA                     | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Soldier beetle | <i>Malthodes</i>    | .NA                     | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Podabrus</i>     | a.NA                    | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | Common Red              | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | .NA                     | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | .NA                     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Soldier beetle | <i>Rhagonycha</i>   | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Soldier beetle | <i>Rhagonycha</i>   | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Soldier beetle | <i>Rhagonycha</i>   | .NA                     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Spiders        | <i>Achaearane</i>   | .NA                     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders        | <i>Achaearane</i>   | .NA                     | 0 | > -1%     | -7.5 to -4% | MODERATE  | > +7.5%     |
| Spiders        | <i>Agalenatea</i>   | .NA                     | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders        | <i>Agelena</i>      | la.Labyrinth            | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders        | <i>Agroeca</i>      | br.NA                   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders        | <i>Agroeca</i>      | in.NA                   | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Spiders        | <i>Agroeca</i>      | pr.NA                   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders        | <i>Agyneta</i>      | de.NA                   | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders        | <i>Agyneta</i>      | ol.NA                   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders        | <i>Agyneta</i>      | ra.NA                   | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Spiders        | <i>Agyneta</i>      | su.NA                   | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders        | <i>Allomengea</i>   | .NA                     | 0 | -4 to -1% | -4 to -1%   | MODERATE  | < +1%       |
| Spiders        | <i>Allomengea</i>   | .NA                     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders        | <i>Alopecosa</i>    | .NA                     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders        | <i>Alopecosa</i>    | .NA                     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders        | <i>Alopecosa</i>    | .NA                     | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |

|         |                                |           |             |           |             |
|---------|--------------------------------|-----------|-------------|-----------|-------------|
| Spiders | <i>Amaurobius</i> NA           | 0 < -7.5% | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Amaurobius</i> NA           | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Amaurobius</i> NA           | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Anelosimus</i> NA           | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Anyphaena</i> Buzzing Sp:   | 0 > -1%   | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Aphileta m.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Araeoncus</i> NA            | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Araneus ma.</i> NA          | 0 > -1%   | < -7.5%     | MODERATE  | +1 to +4%   |
| Spiders | <i>Araneus qu.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Araneus st.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Araneus tr.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Araniella</i> NA            | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Araniella</i> NA            | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Arctosa le.</i> NA          | 0 > -1%   | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders | <i>Arctosa pe.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Argenna su.</i> NA          | 0 > -1%   | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Argyroneta</i> Water Spide  | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Atypus aff.</i> Purse Web : | 0 < -7.5% | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Ballus cha.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Baryphyma</i> NA            | 0 < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Baryphyma</i> NA            | 0 > -1%   | -7.5 to -4% | MODERATE  | > +7.5%     |
| Spiders | <i>Bathyphant.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Bathyphant.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Bathyphant.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Bathyphant.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Bianor aur.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Bolyphante.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Bolyphante.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Centromeri</i> NA           | 0 < -7.5% | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Centromeru.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Centromeru.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Centromeru.</i> NA          | 0 < -7.5% | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Centromeru.</i> NA          | 0 < -7.5% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Ceratinell.</i> NA          | 0 < -7.5% | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Ceratinell.</i> NA          | 0 < -7.5% | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Ceratinell.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ceratinops.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Cercidia p.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Cheiracant.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Cheiracant.</i> NA          | 0 > -1%   | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Cicurina c.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Clubiona b.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona c.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona c.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona l.</i> NA          | 0 < -7.5% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Clubiona n.</i> NA          | 0 > -1%   | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Clubiona n.</i> NA          | 0 < -7.5% | > -1%       | MODERATE  | > +7.5%     |

|         |                                |   |           |             |           |             |
|---------|--------------------------------|---|-----------|-------------|-----------|-------------|
| Spiders | <i>Clubiona m.</i> NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Clubiona p.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Clubiona s</i> NA           | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Clubiona t.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Coelotes a</i> NA           | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Coelotes t.</i> NA          | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Crustulina</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Crustulina</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Cryphoeca .</i> NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Diaea dors.</i> NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Dictyna ar.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Dictyna la</i> NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Dictyna pu.</i> Small Mesh  | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Dictyna un.</i> NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Dicymbium</i> NA            | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Diplocentr.</i> NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Diploceph.</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Diploceph.</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Diplostyla</i> NA           | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Spiders | <i>Dismodicus</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Dolomedes .</i> Raft Spider | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Donacochar.</i> NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | < +1%       |
| Spiders | <i>Drassodes ,</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Drassyllus</i> NA           | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>DrepanotyL.</i> NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Dysdera cr.</i> NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Dysdera er.</i> NA          | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Enoplognat.</i> NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Enoplognat.</i> NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Enoplognat.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Entelecara</i> NA           | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Episinus a.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Episinus t.</i> NA          | 0 | > -1%     | -4 to -1%   | MODERATE  | > +7.5%     |
| Spiders | <i>Erigone ar.</i> NA          | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Erigone at.</i> NA          | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Erigone lo.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Erigone pr.</i> NA          | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Ero cambri.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Ero furcat.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ero tuberc.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Euophrys f.</i> NA          | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Evarcha ar.</i> NA          | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders | <i>Evarcha fa.</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |

|         |                                 |   |             |             |           |             |
|---------|---------------------------------|---|-------------|-------------|-----------|-------------|
| Spiders | <i>Floronia b.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Gibbaranea</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Gnaphosa l.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Gnathonari.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Gongylidie.</i> NA           | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Spiders | <i>Gongylidiu.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Hahnia nav.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Halorates .</i> NA           | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Spiders | <i>Haplodrass.</i> Heath Grası  | 1 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Haplodrass.</i> NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Haplodrass.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Harpactea .</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Heliophanu.</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Heliophanu.</i> NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Hilaira ex.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Hilaira fr.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Hilaira pe.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Hylyphante.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Hypomma co.</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Hypomma fu.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Hypseliste.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Hypsosinga</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Hypsosinga</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Hypsosinga</i> NA            | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Kaestneria</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Kaestneria</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Labulla th.</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Larinioide.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Lathys hum.</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Latithorax</i> NA            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Leptyphan</i> NA             | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Leptyphan</i> NA             | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders | <i>Leptyphan</i> NA             | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Leptyphan</i> NA             | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Leptyphan</i> NA             | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Leptyphan</i> NA             | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Leptyphan</i> NA             | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Leptothrix</i> NA            | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |
| Spiders | <i>Linyphia h.</i> NA           | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Spiders | <i>Linyphia t.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Lophomma p.</i> NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Mangora ac.</i> NA           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Maro minut.</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Maso sunde</i> NA            | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Mecopisthe.</i> Peus' s Lonğ | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Meioneta i.</i> NA           | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Meioneta m.</i> Thin Webleı  | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |

|         |                                |   |             |             |           |             |
|---------|--------------------------------|---|-------------|-------------|-----------|-------------|
| Spiders | <i>Meioneta r.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Meioneta s.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Metellina</i> .NA           | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Metellina</i> .NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Metopobact.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Micrargus</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Micrargus</i> .NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Micrargus</i> .NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Microlinyp.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Microlinyp.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Micrommata</i> Green Spide  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Milleriana</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Minyriolus</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Misumena v.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Moebelia p.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Monocephal.</i> Broad Groo  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Monocephal.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Neoscona a.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Neriene cl.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Neriene fu.</i> NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Neriene mo.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Neriene pe.</i> NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders | <i>Nesticus c.</i> Comb-footed | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Nuctenea u.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Oedothorax</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Oedothorax</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Oedothorax</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Oreonetide.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Ostearius</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ozyptila b.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Ozyptila p.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Ozyptila s.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Ozyptila s.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Ozyptila t.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Pachygnath.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Pachygnath.</i> NA          | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Pachygnath.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Panamomops</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Pardosa ag.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Pardosa am.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Pardosa ho.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Pardosa mo.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Pardosa ni.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Pardosa pa.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pardosa pr.</i> NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders | <i>Pardosa pu.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Pardosa sa.</i> NA          | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |

|         |                               |   |             |             |           |             |
|---------|-------------------------------|---|-------------|-------------|-----------|-------------|
| Spiders | <i>Pelecopsis</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Pelecopsis</i> NA          | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Pelecopsis</i> NA          | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Spiders | <i>Pelecopsis</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA         | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Philodromu</i> .NA         | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA         | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Philodromu</i> .NA         | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders | <i>Philodromu</i> .NA         | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Spiders | <i>Phrurolith</i> .NA         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pirata lat</i> .NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Pirata pir</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Pirata pis</i> .NA         | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Spiders | <i>Pisaura mi</i> .NA         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pityohypha</i> .NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Pocadicnem</i> .NA         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Pocadicnem</i> .NA         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders | <i>Poecilonet</i> .NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Porrhomma</i> ,NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Porrhomma</i> ,NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Porrhomma</i> ,NA          | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Porrhomma</i> ,NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders | <i>Porrhomma</i> ,NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Robertus a</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Robertus l</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders | <i>Saaristoa</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Saaristoa</i> Triangle H   | 1 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Spiders | <i>Saloca dic</i> .NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Salticus c</i> .NA         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders | <i>Salticus s</i> .NA         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders | <i>Satilatlas</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Scotina gr</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Scotophaeu</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Segestria</i> .NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Silometopu</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Silometopu</i> .NA         | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Spiders | <i>Silometopu</i> .NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders | <i>Singa hama</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders | <i>Sitticus c</i> .Sedge Jump | 1 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders | <i>Sitticus p</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Sitticus s</i> .NA         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders | <i>Stemonypha</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders | <i>Syedra gra</i> .NA         | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders | <i>Tallusia e</i> .NA         | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders | <i>Tapinocyba</i> NA          | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |



|             |                                |   |             |             |           |             |
|-------------|--------------------------------|---|-------------|-------------|-----------|-------------|
| Spiders     | <i>Tapinocyba</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Tapinopa l.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders     | <i>Taranucnus</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Tegenaria</i> .NA           | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Tegenaria</i> ,NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Tegenaria</i> .House Spider | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Spiders     | <i>Tegenaria</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Tetragnath.</i> NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Tetragnath.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Tetragnath.</i> NA          | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Textrix de.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Spiders     | <i>Thanatus s</i> NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Theonoe mi.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Theridion</i> .NA           | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Spiders     | <i>Theridion</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Theridion</i> ,NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Theridion</i> ,NA           | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders     | <i>Theridion</i> .NA           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Theridion</i> NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Theridion</i> NA            | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Theridioso.</i> Ray Spider  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Spiders     | <i>Tibellus o.</i> NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Tmeticus a.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Trichopter.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders     | <i>Trochosa r.</i> NA          | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Spiders     | <i>Walckenaer.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Spiders     | <i>Xysticus a.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Spiders     | <i>Xysticus c.</i> NA          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Spiders     | <i>Xysticus k.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Xysticus l.</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Spiders     | <i>Xysticus u.</i> NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Spiders     | <i>Zelotes la</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Zilla diod.</i> NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Spiders     | <i>Zora spini.</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Spiders     | <i>Zygiella x</i> NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Acer campe.</i> Field Maple | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |

|            |                    |              |   |             |             |           |             |
|------------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Aceras ant.</i> | Man Orchid   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Achillea p</i>  | Sneezewort   | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Aconitum n.</i> | Monk's-hood  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Actaea spi.</i> | Baneberry    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Adiantum c.</i> | Maidenhair   | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p | <i>Adoxa mosc.</i> | Moschatel    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Aethusa cy.</i> | Fool's Pars  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Aethusa cy.</i> | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Agrimonia</i>   | Agrimony     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Agrostemma</i>  | Corncockle   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Agrostis c.</i> | Velvet Bent  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Agrostis c.</i> | Bristle Bent | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Agrostis g.</i> | Black Bent   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Agrostis s.</i> | Creeping Be  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p | <i>Agrostis v.</i> | Brown Bent   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Ajuga pyra.</i> | Pyramidal I  | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Ajuga rept.</i> | Bugle        | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Alchemilla</i>  | Alpine Lady  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Alchemilla</i>  | Hairy Lady'  | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p | <i>Alchemilla</i>  | Slender Lac  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Alchemilla</i>  | Smooth Lady  | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Vascular p | <i>Alchemilla</i>  | Pale Lady's  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Alisma lan.</i> | Narrow-leav  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Alisma pla.</i> | Water-plant  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Alliaria p.</i> | Garlic Must  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p | <i>Allium ole.</i> | Field Garli  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Allium sco.</i> | Sand Leek    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Allium urs.</i> | Ramsons      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Alnus glut.</i> | Alder        | 0 | -7.5 to -4% | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Alopecurus</i>  | Bulbous Fo   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Alopecurus</i>  | Marsh Foxt   | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Alopecurus</i>  | Black-gras   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Alopecurus</i>  | Meadow Fox   | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular p | <i>Althaea of.</i> | Marsh-mallo  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Anagallis</i>   | Scarlet Pir  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Anagallis</i>   | Scarlet Pir  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Anagallis</i>   | Chaffweed    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Andromeda</i>   | Bog-rosema   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Anemone ne.</i> | Wood Anemor  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Antennaria</i>  | Mountain E   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Anthemis a.</i> | Corn Chamor  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Anthoxanth.</i> | Sweet Vern   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Anthriscus</i>  | Cow Parsley  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p | <i>Apera spic.</i> | Loose Silky  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Aphanes ar.</i> | Parsley-pic  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Aphanes au.</i> | Slender Par  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Apium inun.</i> | Lesser Mars  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |

|             |                   |                 |   |             |             |           |             |
|-------------|-------------------|-----------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Apium nodi</i> | Fool's-wate     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Arctium la</i> | Greater Bu      | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Arctium mi</i> | NA              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Arenaria s</i> | Thyme-leav      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Arenaria s</i> | Slender Sar     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Arenaria s</i> | Thyme-leav      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Armoracia</i>  | Horse-radis     | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Arrhenathe</i> | False Oat-<br>g | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Artemisia</i>  | Mugwort         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Arum itali</i> | Italian Lo      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Arum macul</i> | Lords-and-l     | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Asparagus</i>  | Garden Asp      | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Asperula c</i> | Squinancyw      | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Asplenium</i>  | Black Sple      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Asplenium</i>  | Lanceolate      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Asplenium</i>  | Maidenhair      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Asplenium</i>  | NA              | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Asplenium</i>  | NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Athyrium f</i> | Lady-fern       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Atriplex g</i> | Babington's     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Atriplex p</i> | Common Ora      | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Atriplex p</i> | Spear-leav      | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Atropa bel</i> | Deadly Nigl     | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Avena fatu</i> | Wild-oat        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Baldellia</i>  | Lesser Wate     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ballota ni</i> | Black Horeh     | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Barbarea v</i> | Winter-cre      | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p. | <i>Bellis per</i> | Daisy           | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Beta vulga</i> | Beet            | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Betula pen</i> | Silver Birch    | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Betula pub</i> | Downy Birch     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Betula pub</i> | NA              | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Bidens cer</i> | Nodding Bu      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Blackstoni</i> | Yellow-wor      | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Blechnum s</i> | Hard-fern       | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Blysmus co</i> | Flat-sedge      | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Brachypodi</i> | Tor-grass       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Brachypodi</i> | False Brom      | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Brassica o</i> | Cabbage         | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Brassica r</i> | Turnip          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Briza medi</i> | Quaking-gr      | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Briza mino</i> | Lesser Qual     | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Bromopsis</i>  | Hairy-brom      | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Bromus hor</i> | Soft-brome      | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Bromus hor</i> | Least Soft-     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Bromus hor</i> | Common Sof      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Bromus hor</i> | Sand Soft-l     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|            |                    |             |   |             |             |           |             |
|------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Bromus rac.</i> | Smooth Bro  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Bryonia di</i>  | White Bryo  | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Bupleurum</i>   | Slender Ha  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Buxus semp</i>  | Box         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Cakile mar</i>  | Sea Rocket  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Calamagros</i>  | Purple Sma  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Calamagros</i>  | Narrow Sma  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Callitrich</i>  | Intermedia  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Callitrich</i>  | Autumnal W  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Callitrich</i>  | Blunt-frui  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Callitrich</i>  | Common Wat  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Callitrich</i>  | NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Calluna vu</i>  | Heather     | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Caltha pal</i>  | Marsh-mari  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Calystegia</i>  | Hedge Bind  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Calystegia</i>  | NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Calystegia</i>  | Great Bind  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Calystegia</i>  | Sea Bindwe  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Campanula</i>   | Giant Bell  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Campanula</i>   | Harebell    | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Capsella b</i>  | Shepherd's  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Cardamine</i>   | Large Bitt  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cardamine</i>   | Coralroot   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cardamine</i>   | Wavy Bitt   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Cardamine</i>   | Hairy Bitt  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Cardamine</i>   | Narrow-lea  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Cardamine</i>   | Cuckooflow  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Carduus cr</i>  | Wetted Thi  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Carex acut</i>  | Slender Tu  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Carex appr</i>  | Fibrous Tu  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Carex aqua</i>  | Water Sedge | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Carex atra</i>  | Black Alpi  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Carex bige</i>  | Stiff Sedge | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Carex bine</i>  | Green-ribb  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Carex capi</i>  | Hair Sedge  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Carex dian</i>  | Lesser Tus  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Carex digi</i>  | Fingered S  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Carex dioi</i>  | Dioecious S | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Vascular p | <i>Carex dist</i>  | Distant Sec | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Carex divu</i>  | Grey Sedge  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Carex divu</i>  | Many-leave  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Carex echi</i>  | Star Sedge  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p | <i>Carex elon</i>  | Elongated S | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Carex eric</i>  | Rare Spring | 1 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Vascular p | <i>Carex hirt</i>  | Hairy Sedge | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Carex host</i>  | Tawny Sedge | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Carex humi</i>  | Dwarf Sedge | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|             |                    |                                 |   |             |             |           |             |
|-------------|--------------------|---------------------------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Carex mage</i>  | Tall Bog-sedge                  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex muri</i>  | Prickly Sedge                   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex muri</i>  | Small-fruited Sedge             | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Carex nigr</i>  | Common Sedge                    | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Carex otru</i>  | False Foxglove                  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Carex oval</i>  | Oval Sedge                      | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Carex pani</i>  | Carnation Sedge                 | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Carex pani</i>  | Greater Tussock Sedge           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex pauc</i>  | Few-flowered Sedge              | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Carex pilu</i>  | Pill Sedge                      | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Carex pseu</i>  | Cyperus Sedge                   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex punc</i>  | Dotted Sedge                    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Carex remo</i>  | Remote Sedge                    | 0 | -4 to -1%   | < -7.5%     | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Carex ripa</i>  | Greater Portulaca Sedge         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Carex spic</i>  | Spiked Sedge                    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex stri</i>  | Thin-spiked Sedge               | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Carex vagi</i>  | Sheathed Sedge                  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex vesi</i>  | Bladder-sedge                   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Carex viri</i>  | Common Yellow Sedge             | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Carpinus b.</i> | Hornbeam                        | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Castanea s.</i> | Sweet Chestnut                  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Catabrosa</i>   | Whorl-grass                     | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Catapodium</i>  | NA                              | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular p. | <i>Centaurea</i>   | Cornflower                      | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Centaureum</i>  | Common Centaury                 | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Centaureum</i>  | Seaside Centaury                | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Cephalanth</i>  | White Heliotropium              | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Cerastium</i>   | Sea Mouse-ear                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Cerastium</i>   | Common Mouse-ear                | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Cerastium</i>   | NA                              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Cerastium</i>   | NA                              | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Cerastium</i>   | Dwarf Mouse-ear                 | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Ceratocapn</i>  | Climbing Celandine              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Ceratophyl</i>  | Rigid Hornwort                  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ceratophyl</i>  | Soft Hornwort                   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Chaenorhin</i>  | Small Toadflax                  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Chaerophyl</i>  | Rough Chervil                   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Chamaemelu</i>  | Chamomile                       | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Chelidoni</i>   | Greater Celandine               | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Chenopodiu</i>  | Fat-hen                         | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Chenopodiu</i>  | NA                              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Chenopodiu</i>  | Fig-leaved Goosefoot            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Chenopodiu</i>  | Stinking Goosefoot              | 1 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Chrysanth</i>   | Corn Marigold                   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Chrysosple</i>  | Opposite-leaved Yellow Plantain | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Cicendia f.</i> | Yellow Centaury                 | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Cichorium</i>   | Chicory                         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|            |                    |                 |   |             |             |           |             |
|------------|--------------------|-----------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Cicuta vir</i>  | Cowbane         | 0 | -4 to -1%   | < -7.5%     | HIGH      | +4 to +7.5% |
| Vascular p | <i>Circaea lu</i>  | Enchanter's     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cirsium er</i>  | Woolly Thistle  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cirsium he</i>  | Melancholy      | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Cochlearia</i>  | English Scilla  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Cochlearia</i>  | Common Scilla   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p | <i>Cochlearia</i>  | NA              | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cochlearia</i>  | Pyrenean Scilla | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Colchicum</i>   | Meadow Saftwort | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Conopodium</i>  | Pignut          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Corallorhi</i>  | Coralroot (C)   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cornus san</i>  | Dogwood         | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p | <i>Cornus sue</i>  | Dwarf Cornus    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Coronopus</i>   | Swine-cress     | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Crataegus</i>   | Hawthorn        | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Crepis cap</i>  | Smooth Hawkbit  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Crepis pal</i>  | Marsh Hawkbit   | 0 | -4 to -1%   | < -7.5%     | HIGH      | +1 to +4%   |
| Vascular p | <i>Crithmum m</i>  | Rock Samphire   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Cruciata l</i>  | Crosswort       | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cryptogram</i>  | Parsley Fern    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cuscuta ep</i>  | Dodder          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Cuscuta eu</i>  | Greater Dodder  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p | <i>Cynosurus</i>   | Crested Dog     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Cyperus lo</i>  | Galingale       | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Cystopteris</i> | Brittle Bladder | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Cytisus sc</i>  | Broom           | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p | <i>Cytisus sc</i>  | NA              | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Dactylorhi</i>  | Common Spotted  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Dactylorhi</i>  | Early Marsh     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Dactylorhi</i>  | NA              | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Dactylorhi</i>  | Northern Marsh  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Dactylorhi</i>  | Narrow-leaved   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Daucus car</i>  | Carrot          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Daucus car</i>  | Wild Carrot     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Daucus car</i>  | Sea Carrot      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Deschampsia</i> | Wavy Hair-grass | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p | <i>Deschampsia</i> | Bog Hair-grass  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Dianthus a</i>  | Deptford Pink   | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Dianthus d</i>  | Maiden Pink     | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p | <i>Digitalis</i>   | Foxglove        | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Dipsacus f</i>  | Wild Teasel     | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Dipsacus p</i>  | Small Teasel    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Draba inca</i>  | Hoary Whitewort | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Draba mura</i>  | Wall Whitewort  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Drosera an</i>  | Great Sundew    | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Drosera in</i>  | Oblong-leaved   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Dryopteris</i>  | Golden-sca      | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |

|             |                                |   |             |             |           |             |
|-------------|--------------------------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Dryopteris</i> Buckler-Fern | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Dryopteris</i> NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Dryopteris</i> Broad Buckl. | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Dryopteris</i> Northern Bu  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Dryopteris</i> Male-fern    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Dryopteris</i> Mountain Ma  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Dryopteris</i> Rigid Buckl. | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Echium vul.</i> Viper's-bug | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Elatine hy.</i> Eight-stame | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Eleocharis</i> Common Spil  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Eleocharis</i> Few-flower   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Elymus can.</i> Bearded Cou | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Elytrigia</i> .Common Cou   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Empetrum n.</i> Crowberry   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Empetrum n.</i> Mountain C  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Empetrum n.</i> Crowberry   | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Epilobium</i> .Chickweed W  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Epilobium</i> .Alpine Will. | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Epilobium</i> .Great Will   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Epilobium</i> .Spear-leav   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Epilobium</i> .Short-frui   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Epilobium</i> .Marsh Will   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Epilobium</i> .Hoary Will   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Epilobium</i> .Pale Willow  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Epilobium</i> .Square-sta   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Epipactis</i> .Marsh Helle  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Epipactis</i> .Green-flow   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Epipactis</i> .Violet Hel   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Equisetum</i> .Rough Horse  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Equisetum</i> .Shady Horse  | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p. | <i>Equisetum</i> .Wood Horse   | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Equisetum</i> .Variegated   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Erica cine.</i> Bell Heath  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Erica tetr.</i> Cross-leav  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular p. | <i>Erica vaga.</i> Cornish Hea | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Eriophorum</i> .Common Cot  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular p. | <i>Eriophorum</i> .Hare's-tail | 0 | > -1%       | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Erodium le.</i> Sticky Sto  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Erodium ma.</i> Sea Stork's | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Erodium mo.</i> Musk Stork' | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Erophila v.</i> Common Whit | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Erysimum c.</i> Wallflower  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Euonymus e.</i> Spindle     | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p. | <i>Euphorbia</i> .Caper Spurg  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Euphorbia</i> .Petty Spurg  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Euphorbia</i> .Broad-leav   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Euphrasia</i> .NA           | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |

|   |   |             |             |           |             |
|---|---|-------------|-------------|-----------|-------------|
| Vascular p <i>.Euphrasia</i> Confused Ey        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Euphrasia</i> Slender Ey         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p <i>.Euphrasia</i> NA                 | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p <i>.Euphrasia</i> Chalk Eyeb         | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Euphrasia</i> Scottish Ey        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Euphrasia</i> Western Ey         | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p <i>.Euphrasia</i> Cornish Ey         | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p <i>.Fagus sylv.</i> Beech            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p <i>.Fallopia c</i> Black-bind        | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p <i>.Festuca ar</i> Rush-leave        | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p <i>.Festuca ar</i> Tall Fescue       | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Festuca fi</i> Fine-leave        | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Festuca gi</i> Giant Fescue      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Festuca ov</i> Sheep's-fe        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p <i>.Festuca pr</i> Meadow Fescue     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p <i>.Festuca ru</i> Red Fescue        | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p <i>.Festuca ru</i> NA                | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Festuca ru</i> NA                | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p <i>.Festuca vi</i> Viviparous        | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p <i>.Foeniculum</i> Fennel            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p <i>.Frankenia</i> Sea-heath          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Fraxinus e</i> Ash               | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p <i>.Fritillari</i> Fritillary        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Fumaria ba</i> Tall Rampion      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Fumaria de</i> Dense-flow        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Fumaria mu</i> Common Rampion    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Fumaria mu</i> Boreau's Rampion  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Fumaria oc</i> Western Rampion   | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Vascular p <i>.Fumaria of</i> Common Fum        | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p <i>.Fumaria of</i> NA                | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Fumaria of</i> NA                | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p <i>.Fumaria pa</i> Fine-leave        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Fumaria pu</i> Purple Rampion    | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Fumaria va</i> Few-flower        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p <i>.Gagea lute</i> Yellow Star       | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p <i>.Galeopsis</i> Red Hemp-nettle    | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Galeopsis</i> Large-flow         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p <i>.Galeopsis</i> Common Hemp        | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Galeopsis</i> NA                 | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p <i>.Galium apa</i> Cleavers          | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p <i>.Galium bor</i> Northern Bedstraw | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p <i>.Galium mol</i> Hedge Bedstraw    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p <i>.Galium odo</i> Woodruff          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p <i>.Galium pal</i> Common Marsh      | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p <i>.Galium pum</i> NA                | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Vascular p <i>.Galium sax</i> Heath Bedstraw    | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p <i>.Galium ste</i> Limestone I       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |



|             |                     |             |   |             |             |           |             |
|-------------|---------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Gastridium</i>   | Nit-grass   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Gaudinia f.</i>  | French Oat  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Genista ti.</i>  | Dyer's Gre  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Gentianell.</i>  | NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Gentianell.</i>  | Chiltern Ge | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Geranium c.</i>  | Long-stalk  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Geranium d.</i>  | Cut-leaved  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Geranium l.</i>  | Shining Cra | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Geranium m.</i>  | Dove's-foot | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Geranium p.</i>  | Little-Rob  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Geranium p.</i>  | Small-flow  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Geranium r.</i>  | Herb-Rober  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Geranium s.</i>  | Wood Crane' | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Geum rival</i>   | Water Avens | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Geum urban.</i>  | Wood Avens  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Glechoma h.</i>  | Ground-ivy  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Glyceria d.</i>  | Small Sweet | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Glyceria f.</i>  | Floating Sw | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Glyceria m.</i>  | Reed Sweet  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Glyceria n.</i>  | Plicate Sw  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Gnaphalium</i>   | Heath Cudwe | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Gnaphalium</i>   | Marsh Cudwe | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Goodyera r.</i>  | Creeping La | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Groenlandi.</i>  | Opposite-le | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Gymnadenia</i>   | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Gymnadenia</i>   | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Gymnocarpi.</i>  | Limestone I | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Hammarbya</i>    | Bog Orchid  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hedera hel.</i>  | Common Ivy  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p. | <i>Hedera hel.</i>  | Common Ivy  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hedera 'Hi.</i>  | Irish Ivy   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Helianthem.</i>  | Common Rock | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Helictotri.</i>  | Meadow Oat  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Helleborus</i>   | Stinking He | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p. | <i>Helleborus</i>   | Green Helle | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Herminium</i>    | Musk Orchid | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Herniaria</i>    | Smooth Rup  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Himantoglo.</i>  | Lizard Orcl | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hippocrepis.</i> | Horseshoe V | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hippuris v.</i>  | Mare's-tail | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Holcus mol.</i>  | Creeping Sc | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p. | <i>Hordeum mu.</i>  | Wood Barley | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hordeum mu.</i>  | Wall Barley | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Hordeum se.</i>  | Meadow Bar  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Humulus lu.</i>  | Hop         | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Huperzia s.</i>  | Fir Clubmos | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hyacinthoi.</i>  | Bluebell    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | < +1%       |

|             |                   |             |   |             |             |           |             |
|-------------|-------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Hydrocotyl</i> | Marsh Penny | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hymenophyl</i> | Tunbridge I | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hymenophyl</i> | Wilson's F  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hypericum</i>  | Tutsan      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Hypericum</i>  | Pale St Jol | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Hypericum</i>  | Perforate S | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Hypericum</i>  | Slender St  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Hypericum</i>  | Square-sta  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Hypericum</i>  | Wavy St Jol | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Hypochaeri</i> | Smooth Cat' | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ilex aquif</i> | Holly       | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Illecebrum</i> | Coral-neck  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Inula cony</i> | Ploughman's | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Inula hele</i> | Elecampane  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Iris pseud</i> | Yellow Iris | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Isoetes ec</i> | Spring Qui  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Isolepis c</i> | Slender Cl  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Jasione mo</i> | Sheep's-bit | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Juncus acu</i> | Sharp-flowe | 0 | -4 to -1%   | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Juncus acu</i> | Sharp Rush  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Juncus alp</i> | Alpine Rusl | 0 | > -1%       | < -7.5%     | MODERATE  | < +1%       |
| Vascular p. | <i>Juncus amb</i> | Frog Rush   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Juncus art</i> | Jointed Rus | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Juncus bal</i> | Baltic Rusl | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Juncus buf</i> | Toad Rush   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Juncus bul</i> | Bulbous Rus | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Juncus bul</i> | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Juncus com</i> | Round-frui  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Juncus fol</i> | Leafy Rush  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Juncus inf</i> | Hard Rush   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Juncus tri</i> | Three-flowe | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Juniperus</i>  | Common Jun  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Juniperus</i>  | Dwarf Junip | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Knautia ar</i> | Field Scab  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Lactuca se</i> | Prickly Le  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Lamiastrum</i> | Yellow Arch | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Lamium alb</i> | White Dead  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Lamium amp</i> | Henbit Dead | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Lamium con</i> | Northern De | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Lamium pur</i> | Red Dead-ne | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Lapsana co</i> | Nipplewort  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Lathyrus a</i> | Yellow Veto | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Lathyrus j</i> | Sea Pea     | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Lathyrus l</i> | Bitter-veto | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Lathyrus p</i> | Marsh Pea   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Legousia h</i> | Venus's-loc | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Lemna gibb</i> | Fat Duckwee | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|            |                   |             |   |             |             |           |             |
|------------|-------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p | <i>Lemma mino</i> | Common Ducl | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Lemma tris</i> | Ivy-leaved  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Leontodon</i>  | Autumn Hawk | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Leontodon</i>  | Rough Hawk  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Leontodon</i>  | Lesser Hawk | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lepidium h</i> | Smith's Pe  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lepidium r</i> | Narrow-lea  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Leucanthem</i> | Oxeye Dais  | 0 | -7.5 to -4% | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Leymus are</i> | Lyme-grass  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Limonium h</i> | Lax-flowere | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Limoseilla</i> | Mudwort     | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Linaria vu</i> | Common Toa  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Linum bien</i> | Pale Flax   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Linum pere</i> | Perennial I | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p | <i>Listera ov</i> | Common Twa  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p | <i>Lithosperm</i> | Purple Gro  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Lolium per</i> | Perennial I | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Lonicera p</i> | Honeysuckle | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p | <i>Lotus angu</i> | Slender Bi  | 0 | < -7.5%     | -4 to -1%   | HIGH      | +1 to +4%   |
| Vascular p | <i>Lotus pedu</i> | Greater Bi  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Lotus subb</i> | Hairy Bird' | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Luronium n</i> | Floating Wa | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Luzula cam</i> | Field Wood- | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Luzula for</i> | Southern W  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Luzula mul</i> | Heath Wood- | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Luzula mul</i> | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Luzula pil</i> | Hairy Wood- | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Luzula syl</i> | Great Wood- | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p | <i>Lychnis fl</i> | Ragged-Rob  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Lycopus eu</i> | Gypsywort   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p | <i>Lysimachia</i> | Yellow Pimp | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Lysimachia</i> | Tufted Loos | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Malus sylv</i> | Crab Apple  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Malva mosc</i> | Musk-mallov | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p | <i>Malva sylv</i> | Common Mal  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Marrubium</i>  | White Horeh | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Medicago a</i> | Spotted Mec | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Medicago l</i> | Black Medic | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Medicago m</i> | Bur Medick  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Medicago p</i> | Toothed Mec | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p | <i>Medicago s</i> | Lucerne     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Melampyrum</i> | Common Cow- | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Melampyrum</i> | Small Cow-  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p | <i>Melilotus</i>  | Tall Melilo | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p | <i>Melittis m</i> | Bastard Ba  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p | <i>Mentha aqu</i> | Water Mint  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p | <i>Mentha pul</i> | Pennyroyal  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|             |                    |              |   |             |             |           |             |
|-------------|--------------------|--------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Mentha spi.</i> | Spear Mint   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Mentha sua</i>  | Round-leaved | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Mercuriali.</i> | Dog's Mercu  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Minuartia .</i> | Fine-leaved  | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Minuartia</i>   | Spring Sand  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Moehringia</i>  | Three-nerve  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Moenchia e.</i> | Upright Ch   | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Montia fon</i>  | Blinks       | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Montia fon</i>  | NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Montia fon</i>  | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Muscari ne</i>  | Grape-hyac:  | 1 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Myosotis a.</i> | Field Forge  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Myosotis d.</i> | Changing Fo  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Myosotis l.</i> | Tufted For   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Myosotis s.</i> | Creeping Fo  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Myosotis s.</i> | Pale Forge   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Myosotis s.</i> | Wood Forge   | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Myosurus m.</i> | Mousetail    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Myrica gal.</i> | Bog-myrtle   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Myriophyll.</i> | Whorled Wa   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Najas flex.</i> | Slender Na:  | 1 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Narcissus ,</i> | Daffodil     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Nardus str.</i> | Mat-grass    | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Narthecium</i>  | Bog Asphod   | 0 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Nepeta cat.</i> | Cat-mint     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Odontites</i>   | Red Bartsia  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Odontites</i>   | NA           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Odontites</i>   | NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Oenanthe a.</i> | Fine-leaved  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Oenanthe c.</i> | Hemlock Wa   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Oenanthe p.</i> | Corky-fruit  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ononis rep.</i> | Common Res   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Onopordum .</i> | Cotton This  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Ophiogloss.</i> | Adder's-ton  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ophrys sph.</i> | Early Spide  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Orchis mas.</i> | Early-purp.  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Orchis ust.</i> | Burnt Orch:  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Oreopteris</i>  | Lemon-scent  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular p. | <i>Ornithogal.</i> | Spiked Star  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ornithogal.</i> | Star-of-Ber  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Orobanche .</i> | Thyme Broo   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Orobanche .</i> | Knapeed Br   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Orobanche .</i> | Common Broc  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Oxalis ace.</i> | Wood-sorre   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Papaver ar.</i> | Prickly Pop  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Papaver du.</i> | Long-head    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Papaver du.</i> | Yellow-juic  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|             |                      |             |   |             |             |           |             |
|-------------|----------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Papaver rh</i>    | Common Pop  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Parapholis</i>    | Hard-grass  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Parentuce</i>     | Yellow Bar  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Pediculari</i>    | Lousewort   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Persicaria</i>    | Amphibious  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Persicaria</i>    | Water-peppe | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Persicaria</i>    | Pale Persic | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Persicaria</i>    | Redshank    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Persicaria</i>    | Small Water | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Persicaria</i>    | Tasteless V | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Persicaria</i>    | Alpine Bist | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p. | <i>Petroselin</i>    | Garden Pars | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Petroselin</i>    | Corn Parsle | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Peucedanum</i>    | Milk-parsle | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Phalaris a</i>    | Reed Canary | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Phegopteri</i>    | Beech Fern  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Phleum alp</i>    | Alpine Cat' | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Phleum ber</i>    | Smaller Cat | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Phleum pra</i>    | Timothy     | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Phleum pra</i>    | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Phragmites</i>    | Common Reec | 0 | -4 to -1%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Phyllitis</i>     | Hart's-tong | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Picris ech</i>    | Bristly Ox  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Pilularia</i>     | Pillwort    | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Pimpinella</i>    | Greater Bu  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Pimpinella</i>    | Burnet-sax  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Pinguicula</i>    | Common But  | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | +1 to +4%   |
| Vascular p. | <i>Plantago c</i>    | Buck's-horn | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Plantago l</i>    | Ribwort Pla | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Plantago m</i>    | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Plantago m</i>    | NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Plantago m</i>    | Sea Planta  | 0 | -7.5 to -4% | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Poa bulbos</i>    | Bulbous Mea | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Poa humili</i>    | Spreading M | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Poa nemora</i>    | Wood Meado  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Poa pratens</i>   | NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Poa pratens</i>   | Smooth Mea  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Poa trivialis</i> | Rough Meado | 0 | > -1%       | > -1%       | LOW       | < +1%       |
| Vascular p. | <i>Polemonium</i>    | Jacob's-lac | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Polygala c</i>    | Chalk Milkv | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Polygala s</i>    | Heath Milkv | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Polygala v</i>    | Common Mill | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Polygonatu</i>    | Solomon's-s | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Polygonatu</i>    | Angular Sol | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Polygonum</i>     | Equal-leave | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Polygonum</i>     | Knotgrass   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Polygonum</i>     | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |

|             |                   |              |   |             |             |           |             |
|-------------|-------------------|--------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Polygonum</i>  | Ray's Knot   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Polygonum</i>  | Cornfield I  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Polypodium</i> | Southern Po  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Polypodium</i> | Intermedia   | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Polypodium</i> | Polypody     | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Polypodium</i> | NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Polystichu</i> | Soft Shield  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Populus ni</i> | Black-popla  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Potamogeto</i> | Fen Pondwe   | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Potamogeto</i> | Grass-wracl  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Potamogeto</i> | Flat-stalk   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Potamogeto</i> | Broad-leav   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Potamogeto</i> | Fennel Pond  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Potamogeto</i> | Bog Pondwe   | 0 | > -1%       | -4 to -1%   | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Potamogeto</i> | Hairlike Po  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Potentilla</i> | Trailing To  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Potentilla</i> | Silverweed   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Potentilla</i> | Alpine Cinc  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Potentilla</i> | Tormentil    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Potentilla</i> | Shrubby Ciri | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Potentilla</i> | Spring Cinc  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Potentilla</i> | Creeping C   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Potentilla</i> | Barren Stra  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Primula el</i> | Oxlip        | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Primula ve</i> | Cowslip      | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Primula vu</i> | Primrose     | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Prunella v</i> | Selfheal     | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Prunus cer</i> | Dwarf Cheri  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Prunus dom</i> | Wild Plum    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Prunus dom</i> | Plum         | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Prunus dom</i> | Bullace; Dar | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Prunus pad</i> | Bird Cherry  | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Prunus spi</i> | Blackthorn   | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Pteridium</i>  | Bracken      | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Puccinelli</i> | Stiff Saltr  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Pulicaria</i>  | Common Flea  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Pulmonaria</i> | Narrow-leav  | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Pulsatilla</i> | Pasqueflowe  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Pyrola med</i> | Intermedia   | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Pyrola rot</i> | Round-leav   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Pyrola rot</i> | Wintergreen  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Quercus pe</i> | Sessile Oal  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Quercus ro</i> | Pedunculate  | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Radiola li</i> | Allseed      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Ranunculus</i> | Meadow But   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Ranunculus</i> | Common Wate  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ranunculus</i> | Corn Butter  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |

|  |   |           |             |           |             |
|--|---|-----------|-------------|-----------|-------------|
| Vascular p. <i>Ranunculus</i> Bulbous Bu       | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. <i>Ranunculus</i> Lesser Cella     | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Vascular p. <i>Ranunculus</i> NA               | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Ranunculus</i> NA               | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Ranunculus</i> Lesser Spea      | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. <i>Ranunculus</i> River Water      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. <i>Ranunculus</i> Round-leave      | 0 | > -1%     | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. <i>Ranunculus</i> Stream Water     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Ranunculus</i> NA               | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. <i>Ranunculus</i> NA               | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Ranunculus</i> Thread-leav      | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Ranunculus</i> Three-lobed      | 1 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Vascular p. <i>Raphanus r.</i> Wild Radish     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Reseda lutea</i> Weld           | 0 | > -1%     | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. <i>Rhinanthus</i> Yellow-rat       | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. <i>Rhinanthus</i> NA               | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rhinanthus</i> NA               | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. <i>Ribes alpi</i> Mountain Currant | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Ribes rubr.</i> Red Currant     | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Vascular p. <i>Ribes spic.</i> Downy Currant   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rorippa mi.</i> Narrow-fru      | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rorippa na.</i> Water-cress     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rorippa na.</i> NA              | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rorippa sy.</i> Creeping Yellow | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. <i>Rosa arven.</i> Field-rose      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rosa caesi.</i> NA              | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rosa caesi.</i> Hairy Dog-rose  | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. <i>Rosa canin.</i> Dog-rose        | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. <i>Rosa micra.</i> Small-flowe     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rosa mollis.</i> Soft Downy-    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rosa rubig.</i> Sweet-briar     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rosa stylo.</i> Short-style     | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. <i>Rosa tomen.</i> Harsh Downy     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rubia perigr.</i> Wild Madder   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rubus cham.</i> Cloudberry      | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rubus frut.</i> Bramble         | 0 | -4 to -1% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rubus idae.</i> Raspberry       | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rubus saxa.</i> Stone Braml     | 0 | < -7.5%   | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. <i>Rumex acet.</i> Common Sorrel   | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. <i>Rumex acet.</i> Sheep's Sorrel  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rumex acet.</i> Narrow-Leav     | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. <i>Rumex cong.</i> Clustered I     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rumex cris.</i> NA              | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Vascular p. <i>Rumex palu.</i> Marsh Dock      | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. <i>Rumex rupe.</i> Shore Dock      | 1 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Vascular p. <i>Rumex sang.</i> Wood Dock       | 0 | > -1%     | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. <i>Ruppia cir.</i> Spiral Tas      | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |

|             |                    |             |   |             |             |           |             |
|-------------|--------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Ruppia mar.</i> | Beaked Tas  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ruscus acu.</i> | Butcher's-l | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sagina ape</i>  | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Sagina mar.</i> | Sea Pearlw  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Sagina nod.</i> | Knotted Pea | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Sagina pro.</i> | Procumbent  | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Sagina sub.</i> | Heath Pear  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Sagittaria</i>  | Arrowhead   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Salicornia</i>  | Long-spike  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Salicornia</i>  | Common Glas | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Salicornia</i>  | Yellow Glas | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Salicornia</i>  | One-flower  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Salicornia</i>  | Purple Glas | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Salix alba</i>  | White Will  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Salix auri.</i> | Eared Will  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Salix capr.</i> | Goat Willow | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Salix capr.</i> | NA          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Salix cine.</i> | Grey Willow | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Salix cine.</i> | Grey Willow | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Salix cine.</i> | Rusty Will  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Salix frag.</i> | Crack-will  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Salix herb.</i> | Dwarf Will  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Salix lapp.</i> | Downy Will  | 1 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Salix myrs.</i> | Dark-leave  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Salix phyl.</i> | Tea-leaved  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Salix purp.</i> | Purple Will | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Salix repe.</i> | Creeping W  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Salsola ka.</i> | Prickly Sa  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Sambucus e.</i> | Dwarf Elder | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sambucus n.</i> | Elder       | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Samolus va.</i> | Brookweed   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sanguisorb.</i> | Salad Burn  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sanguisorb.</i> | Great Burn  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Sanicula e.</i> | Sanicle     | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Sarcocorni.</i> | Perennial C | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Saussurea</i>   | Alpine Saw  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Saxifraga</i>   | Mossy Saxi  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Scabiosa c.</i> | Small Scab  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Scandix pe.</i> | Shepherd's  | 1 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Schoenus n.</i> | Black Bog-1 | 0 | > -1%       | -7.5 to -4% | MODERATE  | > +7.5%     |
| Vascular p. | <i>Scilla aut.</i> | Autumn Squ  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Scilla ver.</i> | Spring Squ  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Scirpus sy.</i> | Wood Club-1 | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Scrophular.</i> | Water Figw  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Scrophular.</i> | Common Fig  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Scrophular.</i> | Green Figw  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Sedum angl.</i> | English Sto | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |



|             |                   |             |   |             |             |           |             |
|-------------|-------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Sedum rose</i> | Roseroot    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sedum vill</i> | Hairy Stone | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Selaginell</i> | Lesser Clu  | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Senecio aq</i> | Marsh Ragw  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Senecio er</i> | Hoary Ragw  | 0 | > -1%       | < -7.5%     | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Senecio ja</i> | Common Rag  | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Senecio sy</i> | Heath Grou  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Senecio vu</i> | Groundsel   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Senecio vu</i> | Groundsel   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Seriphidiu</i> | Sea Wormwo  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Sherardia</i>  | Field Madde | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Sibthorpia</i> | Cornish Mor | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Silaum sil</i> | Pepper-sax  | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Silene con</i> | Sand Catch  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Silene dio</i> | Red Campio  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Silene gal</i> | Small-flow  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Silene lat</i> | White Camp  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Silene noc</i> | Night-flow  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Silene nut</i> | Nottingham  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Silene vul</i> | Bladder Car | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Sinapis ar</i> | Charlock    | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Sisymbrium</i> | Hedge Must  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Sium latif</i> | Greater Wa  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Solanum du</i> | Bittersweet | 0 | -7.5 to -4% | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Solanum ni</i> | Black Nigh  | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Solidago v</i> | Goldenrod   | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Sonchus ar</i> | Perennial S | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sonchus as</i> | Prickly Sov | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Sonchus ol</i> | Smooth Sow  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p. | <i>Sonchus pa</i> | Marsh Sowtl | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Vascular p. | <i>Sorbus ari</i> | Common Whit | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sorbus auc</i> | Rowan       | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Sorbus dev</i> | Devon White | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sparganium</i> | Floating Bu | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Sparganium</i> | Unbranched  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Sparganium</i> | Branched Bu | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Spartina m</i> | Small Cord  | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Spergula a</i> | Corn Spurre | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Spergulari</i> | Lesser Sea  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Spergulari</i> | Greater Sea | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Spirodele</i>  | Greater Duc | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Stachys ar</i> | Field Wound | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Stachys of</i> | Betony      | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Stachys pa</i> | Marsh Wound | 0 | -4 to -1%   | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Stachys sy</i> | Hedge Wound | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Stellaria</i>  | Lesser Sti  | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Stellaria</i>  | Greater St  | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |

|             |                    |                     |   |             |             |           |             |
|-------------|--------------------|---------------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Stellaria</i>   | Lesser Chickweed    | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Stellaria</i>   | Marsh Stitchwort    | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Stellaria</i>   | Bog Stitchwort      | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Stratiotes</i>  | Water-soldanel      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Subularia</i>   | Awlwort             | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Succisa pr.</i> | Devil's-bit         | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Symphytum</i>   | Common Comfrey      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Tamus comm.</i> | Black Bryonia       | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p. | <i>Tanacetum</i>   | Feverfew            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Taxus bacc.</i> | Yew                 | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Teucrium s.</i> | Wood Sage           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Thalictrum</i>  | Common Meadow       | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Thelypteris</i> | Marsh Fern          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Thesium hu.</i> | Bastard-toadflax    | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Thlaspi ca.</i> | Alpine Pennycuik    | 0 | > -1%       | < -7.5%     | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Thymus pol.</i> | Wild Thyme          | 0 | < -7.5%     | -4 to -1%   | HIGH      | +4 to +7.5% |
| Vascular p. | <i>Tilia plat.</i> | Large-leaved Lime   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Tofieldia</i>   | Scottish Asphodel   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Torilis ar.</i> | Spreading Horsetail | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Torilis ja.</i> | Upright Horsetail   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Tragopogon</i>  | Goat's-beard        | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Trichophor.</i> | Northern Dog        | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trichophor.</i> | NA                  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Trichophor.</i> | NA                  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Trientalis</i>  | Chickweed           | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Lesser Trefoil      | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Strawberry          | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Clustered           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Zigzag Clover       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Slender Trefoil     | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Bird's-foot         | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Trifolium</i>   | White Clover        | 0 | -4 to -1%   | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Trifolium</i>   | Rough Clover        | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Knotted Clover      | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Trifolium</i>   | Subterranean        | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Triglochin</i>  | Sea Arrowgrass      | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Triglochin</i>  | Marsh Arrowgrass    | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Tripleuros</i>  | Scentless Madder    | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Trisetum f.</i> | Yellow Oatgrass     | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Trollius e.</i> | Globeflower         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Typha lati.</i> | Bulrush             | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Ulex europ.</i> | Gorse               | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Ulex galli.</i> | Western Gorse       | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Ulex minor</i>  | Dwarf Gorse         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Ulmus glab.</i> | Wych Elm            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Ulmus mino.</i> | NA                  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Ulmus proc.</i> | English Elm         | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |

|             |                   |             |   |             |             |           |             |
|-------------|-------------------|-------------|---|-------------|-------------|-----------|-------------|
| Vascular p. | <i>Umbilicus</i>  | Navelwort   | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Urtica ure</i> | Small Nettl | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Utriculari</i> | Bladderwort | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Utriculari</i> | NA          | 0 | -4 to -1%   | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p. | <i>Utriculari</i> | Greater Bla | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Vaccinium</i>  | Bilberry    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +1 to +4%   |
| Vascular p. | <i>Vaccinium</i>  | Bog Bilber  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Vaccinium</i>  | Cowberry    | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Valeriana</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | < +1%       |
| Vascular p. | <i>Valeriane</i>  | Keeled-fru  | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Valeriane</i>  | Narrow-fru  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Valeriane</i>  | Hairy-frui  | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Valeriane</i>  | Broad-frui  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Veronica a</i> | Green Field | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Veronica b</i> | Brooklime   | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Veronica c</i> | Pink Water  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Veronica c</i> | Germander   | 0 | < -7.5%     | > -1%       | MODERATE  | < +1%       |
| Vascular p. | <i>Veronica h</i> | Ivy-leaved  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Veronica h</i> | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Veronica h</i> | NA          | 0 | -4 to -1%   | < -7.5%     | HIGH      | > +7.5%     |
| Vascular p. | <i>Veronica m</i> | Wood Speed  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Veronica o</i> | Heath Spee  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Veronica s</i> | Thyme-leav  | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | > +7.5%     |
| Vascular p. | <i>Veronica s</i> | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Veronica s</i> | NA          | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Vascular p. | <i>Viburnum o</i> | Guelder-ros | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Vicia hirs</i> | Hairy Tare  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Vicia lute</i> | Yellow-vet  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Vicia orob</i> | Wood Bitter | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Vicia parv</i> | Slender Tai | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Vicia sati</i> | Narrow-leav | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Vicia sati</i> | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p. | <i>Vicia sati</i> | Common Veto | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Vicia sylv</i> | Wood Vetch  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Vinca mino</i> | Lesser Per  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Viola arve</i> | Field Pansy | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Vascular p. | <i>Viola cani</i> | Heath Dog-v | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Viola hirt</i> | Hairy Viole | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Viola lact</i> | Pale Dog-v  | 1 | > -1%       | -4 to -1%   | MODERATE  | +1 to +4%   |
| Vascular p. | <i>Viola lute</i> | Mountain Pa | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Vascular p. | <i>Viola odor</i> | Sweet Viole | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Viola palu</i> | Marsh Viole | 0 | > -1%       | -4 to -1%   | MODERATE  | > +7.5%     |
| Vascular p. | <i>Viola palu</i> | NA          | 0 | > -1%       | < -7.5%     | MODERATE  | > +7.5%     |
| Vascular p. | <i>Viola palu</i> | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | > +7.5%     |
| Vascular p. | <i>Viola reic</i> | Early Dog-v | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Vascular p. | <i>Viola rivi</i> | Common Dog  | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Vascular p. | <i>Viola tric</i> | Wild Pansy  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|            |                   |              |   |           |             |           |             |
|------------|-------------------|--------------|---|-----------|-------------|-----------|-------------|
| Vascular p | <i>Viola tric</i> | Seaside Pa   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Viola tric</i> | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Vascular p | <i>Vulpia myu</i> | Rat's-tail   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Vascular p | <i>Zostera ma</i> | Eelgrass     | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Vascular p | <i>Zostera no</i> | Dwarf Eelg   | 0 | -4 to -1% | > -1%       | MODERATE  | +1 to +4%   |
| Wasps      | <i>Agenioideu</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Ammophila</i>  | Red Banded   | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Ancistroce</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Ancistroce</i> | NA           | 0 | > -1%     | -7.5 to -4% | MODERATE  | +4 to +7.5% |
| Wasps      | <i>Ancistroce</i> | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | > +7.5%     |
| Wasps      | <i>Ancistroce</i> | Wall Mason   | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Ancistroce</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Ancistroce</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Anoplius c</i> | NA           | 0 | < -7.5%   | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Wasps      | <i>Anoplius i</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Anoplius n</i> | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps      | <i>Anoplius v</i> | Black Banded | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Wasps      | <i>Arachnosp</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Arachnosp</i>  | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps      | <i>Arachnosp</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Arachnosp</i>  | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps      | <i>Argogoryte</i> | Field Digge  | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Astata boo</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Astata pin</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Auplopus c</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Caliadurgu</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Cerceris a</i> | Sand Tail    | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Cerceris r</i> | Ornate Tail  | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Chrysis an</i> | NA           | 0 | > -1%     | > -1%       | LOW       | > +7.5%     |
| Wasps      | <i>Chrysis ig</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Chrysis im</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps      | <i>Chrysis me</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Wasps      | <i>Chrysis vi</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Cleptes se</i> | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps      | <i>Crabro cri</i> | Slender Boc  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps      | <i>Crabro pel</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps      | <i>Crabro scu</i> | NA           | 0 | > -1%     | > -1%       | LOW       | +1 to +4%   |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | +1 to +4%   |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | +1 to +4%   |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Crossoceru</i> | Blunt Tail   | 0 | < -7.5%   | < -7.5%     | VERY HIGH | > +7.5%     |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |
| Wasps      | <i>Crossoceru</i> | Slender Dig  | 0 | < -7.5%   | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | -4 to -1%   | HIGH      | +4 to +7.5% |
| Wasps      | <i>Crossoceru</i> | NA           | 0 | < -7.5%   | > -1%       | MODERATE  | > +7.5%     |

|       |                                 |   |             |             |           |             |
|-------|---------------------------------|---|-------------|-------------|-----------|-------------|
| Wasps | <i>Crossocerus</i> .NA          | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Crossocerus</i> .4-Spotted I | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Crossocerus</i> .Wesmael's I | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Diodontus</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Diodontus</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Diodontus</i> .Melancholy    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Dipogon</i> .su.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Dolichoves</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Dolichoves</i> .Tree Wasp    | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Ectemnius</i> .NA            | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Ectemnius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Elampus</i> .pa.NA           | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Wasps | <i>Entomognathus</i> .NA        | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Episyron</i> .r.Red Legged   | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Eumenes</i> .co.Heath Pott   | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Wasps | <i>Evagetes</i> .c.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Evagetes</i> .d.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Gorytes</i> .bi.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Gorytes</i> .qu.4-Banded D:  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Gorytes</i> .tu.NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Gymnomerus</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Hedychridi</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Hedychridi</i> .NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Hedychridi</i> .NA           | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Lindenius</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Lindenius</i> .NA            | 0 | > -1%       | > -1%       | LOW       | +1 to +4%   |
| Wasps | <i>Mellinus</i> .a.Field Digge  | 0 | > -1%       | > -1%       | LOW       | +4 to +7.5% |
| Wasps | <i>Microdynerus</i> .NA         | 0 | > -1%       | > -1%       | LOW       | > +7.5%     |
| Wasps | <i>Miscophus</i> .NA            | 0 | < -7.5%     | > -1%       | MODERATE  | +1 to +4%   |
| Wasps | <i>Mutilla</i> .eu.Large Velv   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | > +7.5%     |
| Wasps | <i>Myrmosa</i> .at.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | +4 to +7.5% |
| Wasps | <i>Nysson</i> .dim.Small Spurr  | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Nysson</i> .spi.Large Spurr  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | +4 to +7.5% |
| Wasps | <i>Nysson</i> .tri.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Odynerus</i> .m.NA           | 1 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Odynerus</i> .s.Spiny Maso   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Omalus</i> .aen.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Omalus</i> .aur.NA           | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Omalus</i> .vio.NA           | 0 | -7.5 to -4% | > -1%       | MODERATE  | > +7.5%     |
| Wasps | <i>Oxybelus</i> .a.Silver Spi   | 0 | < -7.5%     | > -1%       | MODERATE  | > +7.5%     |

|       |                                |               |           |          |             |
|-------|--------------------------------|---------------|-----------|----------|-------------|
| Wasps | <i>Oxybelus m</i> Pale Jawed   | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Oxybelus u</i> Common Spic  | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Passaloecu</i> .Horned Blac | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Passaloecu</i> .NA          | 0 > -1%       | > -1%     | LOW      | +1 to +4%   |
| Wasps | <i>Passaloecu</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Passaloecu</i> .NA          | 0 < -7.5%     | -4 to -1% | HIGH     | +1 to +4%   |
| Wasps | <i>Passaloecu</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Pemphredon</i> Mournful Wa  | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Pemphredon</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Podalonia</i> .Hairy Sand   | 0 < -7.5%     | > -1%     | MODERATE | +1 to +4%   |
| Wasps | <i>Pompilus c</i> .Leaden Spic | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Priocnemis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Psen bruxe</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Psen dahlb</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Psen eques</i> NA           | 0 > -1%       | > -1%     | LOW      | +4 to +7.5% |
| Wasps | <i>Psen lutar</i> .NA          | 0 -7.5 to -4% | > -1%     | MODERATE | +1 to +4%   |
| Wasps | <i>Psenulus c</i> .NA          | 0 > -1%       | > -1%     | LOW      | +1 to +4%   |
| Wasps | <i>Psenulus p</i> .Pale Footc  | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Rhopalum c</i> .NA          | 0 < -7.5%     | -4 to -1% | HIGH     | +1 to +4%   |
| Wasps | <i>Rhopalum c</i> .NA          | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Sapyga cla</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Sapyga qui</i> .NA          | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Smicromyrm</i> Small Velv   | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Spilomena</i> .NA           | 0 < -7.5%     | > -1%     | MODERATE | +4 to +7.5% |
| Wasps | <i>Spilomena</i> NA            | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Symmorphus</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Tachysphex</i> NA           | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Tiphia fem</i> .NA          | 0 > -1%       | > -1%     | LOW      | +4 to +7.5% |
| Wasps | <i>Tiphia min</i> .Small Tiph: | 0 > -1%       | > -1%     | LOW      | +4 to +7.5% |
| Wasps | <i>Trichrysis</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> Slender Woc  | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> Club Horne   | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> NA           | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Trypoxylon</i> NA           | 0 -4 to -1%   | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Vespa crab</i> .Hornet      | 0 > -1%       | < -7.5%   | MODERATE | > +7.5%     |
| Wasps | <i>Vespula ge</i> .German Was  | 0 > -1%       | > -1%     | LOW      | > +7.5%     |
| Wasps | <i>Vespula ru</i> .Red Wasp    | 0 < -7.5%     | > -1%     | MODERATE | > +7.5%     |
| Wasps | <i>Vespula vu</i> .Common Was  | 0 > -1%       | > -1%     | LOW      | > +7.5%     |

| Projected expansion | Benefit from expansion | Final outcome    |
|---------------------|------------------------|------------------|
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| +1 to +4%           | HIGH                   | Medium benefit   |
| > +7.5%             | HIGH                   | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| +4 to +7.5%         | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Medium risk      |
| > +7.5%             | HIGH                   | Medium benefit   |
| < +1%               | MODERATE               | Risks & benefits |
| < +1%               | MODERATE               | Risks & benefits |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Medium risk      |
| < +1%               | MODERATE               | High risk        |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | Risks & benefits |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| +4 to +7.5%         | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| < +1%               | MODERATE               | High risk        |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |
| > +7.5%             | VERY HIGH              | High benefit     |





|             |           |                  |
|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |

|             |           |                  |
|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium benefit   |

|             |           |                  |
|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | Limited impact   |
| +4 to +7.5% | VERY HIGH | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |

|             |           |                  |
|-------------|-----------|------------------|
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |

|           |           |                  |
|-----------|-----------|------------------|
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Medium benefit   |
| > +7.5%   | VERY HIGH | Medium benefit   |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | High risk        |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | High risk        |
| < +1%     | MODERATE  | Risks & benefits |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | High risk        |
| < +1%     | MODERATE  | Risks & benefits |
| < +1%     | MODERATE  | High risk        |
| < +1%     | MODERATE  | Medium risk      |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Medium benefit   |
| > +7.5%   | VERY HIGH | High benefit     |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Medium benefit   |
| > +7.5%   | VERY HIGH | High benefit     |
| > +7.5%   | VERY HIGH | High benefit     |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Risks & benefits |
| < +1%     | MODERATE  | Medium benefit   |
| +1 to +4% | HIGH      | Medium benefit   |
| < +1%     | MODERATE  | High risk        |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | High risk        |
| < +1%     | MODERATE  | Risks & benefits |
| < +1%     | MODERATE  | Risks & benefits |
| > +7.5%   | VERY HIGH | High benefit     |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Risks & benefits |
| > +7.5%   | VERY HIGH | High benefit     |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | Risks & benefits |
| < +1%     | MODERATE  | Risks & benefits |
| < +1%     | LOW       | Limited impact   |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | Medium risk      |
| < +1%     | MODERATE  | Medium benefit   |
| < +1%     | MODERATE  | Risks & benefits |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Medium benefit   |
| > +7.5%   | VERY HIGH | High benefit     |
| < +1%     | MODERATE  | Risks & benefits |

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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | Limited impact   |
| < +1%       | MODERATE  | Medium benefit   |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |

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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |

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| +1 to +4%   | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |



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| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |

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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| +1 to +4%   | MODERATE  | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +4 to +7.5% | MODERATE  | Medium benefit   |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | Medium risk      |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |

|             |           |                  |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |

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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
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| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | MODERATE  | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium risk      |
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| +4 to +7.5% | HIGH      | High benefit     |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| > +7.5%     | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | HIGH      | Medium benefit   |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| > +7.5%     | HIGH      | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Medium risk      |
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| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | LOW       | High risk        |
| +4 to +7.5% | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5%     | HIGH      | Medium benefit   |
| +1 to +4%   | MODERATE  | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | MODERATE  | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium risk      |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |

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| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Medium benefit   |
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| > +7.5%     | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | LOW       | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |



|             |           |                  |
|-------------|-----------|------------------|
| +1 to +4%   | MODERATE  | Medium benefit   |
| < +1%       | LOW       | High risk        |
| +4 to +7.5% | HIGH      | High benefit     |
| +1 to +4%   | MODERATE  | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | High risk        |
| > +7.5%     | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | MODERATE  | Risks & benefits |

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| < +1%       | LOW       | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium risk      |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
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| +4 to +7.5% | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
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| +4 to +7.5% | HIGH      | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| +4 to +7.5% | HIGH      | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |

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| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Risks & benefits |
| +1 to +4%   | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Medium benefit   |
| > +7.5%     | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
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| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | MODERATE  | Medium risk      |
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| +1 to +4%   | HIGH      | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | Medium risk      |
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| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
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| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
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| +4 to +7.5% | VERY HIGH | High benefit     |
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| +1 to +4%   | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
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| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
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| +4 to +7.5% | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | LOW       | High risk        |
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| +4 to +7.5% | MODERATE  | Risks & benefits |
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| > +7.5%     | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
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| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |

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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | LOW       | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |

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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Medium benefit   |
| +1 to +4%   | HIGH      | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Risks & benefits |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |

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| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
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| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
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| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
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| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | LOW       | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| < +1%       | MODERATE  | Medium risk      |
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| < +1%       | MODERATE  | Risks & benefits |
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| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
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| > +7.5%     | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| < +1%       | MODERATE  | High risk        |
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| +1 to +4%   | HIGH      | Medium benefit   |
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| > +7.5%     | VERY HIGH | High benefit     |
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| +1 to +4%   | HIGH      | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |

|             |           |                  |
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| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium benefit   |
| +4 to +7.5% | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Risks & benefits |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |

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| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |

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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Risks & benefits |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | MODERATE  | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |

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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | Medium benefit   |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium risk      |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |

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| +4 to +7.5% | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |



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| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | Medium benefit   |

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| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | MODERATE  | Risks & benefits |
| +1 to +4%   | MODERATE  | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | HIGH      | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | HIGH      | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | Risks & benefits |
| +1 to +4%   | HIGH      | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | MODERATE  | Risks & benefits |
| +4 to +7.5% | MODERATE  | Risks & benefits |

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|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| +4 to +7.5% | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| +4 to +7.5% | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| +1 to +4%   | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | HIGH      | Medium benefit   |

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|-------------|-----------|------------------|
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | LOW       | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Medium risk      |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | High risk        |
| > +7.5%     | HIGH      | Medium benefit   |
| < +1%       | MODERATE  | High risk        |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| < +1%       | MODERATE  | High risk        |
| +1 to +4%   | HIGH      | Medium benefit   |
| +1 to +4%   | HIGH      | Medium benefit   |
| +4 to +7.5% | VERY HIGH | High benefit     |





|             |           |                  |
|-------------|-----------|------------------|
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | HIGH      | Medium benefit   |
| > +7.5%     | HIGH      | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Medium risk      |
| > +7.5%     | VERY HIGH | High benefit     |
| +4 to +7.5% | HIGH      | Medium benefit   |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| < +1%       | MODERATE  | Risks & benefits |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |
| > +7.5%     | VERY HIGH | High benefit     |

| Group | Latin Name        | English name | NERC species | Observed decline | Projected decline | Risk of decline |
|-------|-------------------|--------------|--------------|------------------|-------------------|-----------------|
| Ants  | <i>Formica c</i>  | NA           | 0            | < -7.5%          | > -1%             | LOW             |
| Ants  | <i>Formica fu</i> | Negro Ant    | 0            | > -1%            | > -1%             | LOW             |
| Ants  | <i>Formica sa</i> | NA           | 0            | -4 to -1%        | < -7.5%           | HIGH            |
| Ants  | <i>Lasius ali</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             |
| Ants  | <i>Lasius fla</i> | Yellow Mea   | 0            | < -7.5%          | > -1%             | LOW             |
| Ants  | <i>Lasius mix</i> | NA           | 0            | > -1%            | > -1%             | LOW             |
| Ants  | <i>Lasius nig</i> | Small Blac   | 0            | > -1%            | > -1%             | LOW             |
| Ants  | <i>Leptothora</i> | Slender An   | 0            | > -1%            | -4 to -1%         | MODERATE        |
| Ants  | <i>Myrmica ru</i> | Red Ant      | 0            | < -7.5%          | > -1%             | LOW             |
| Ants  | <i>Myrmica ru</i> | NA           | 0            | > -1%            | > -1%             | LOW             |
| Ants  | <i>Myrmica sa</i> | NA           | 0            | > -1%            | -4 to -1%         | MODERATE        |
| Ants  | <i>Myrmica sc</i> | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             |
| Ants  | <i>Myrmica sc</i> | NA           | 0            | > -1%            | > -1%             | LOW             |
| Bees  | <i>Andrena ha</i> | Early Mini   | 0            | -4 to -1%        | > -1%             | LOW             |
| Bees  | <i>Andrena ta</i> | Tormentil    | 1            | < -7.5%          | > -1%             | LOW             |
| Bees  | <i>Andrena va</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             |
| Bees  | <i>Bombus hum</i> | NA           | 1            | > -1%            | < -7.5%           | HIGH            |
| Bees  | <i>Bombus mon</i> | Mountain B   | 0            | > -1%            | < -7.5%           | HIGH            |
| Bees  | <i>Bombus mus</i> | Moss Carde   | 1            | < -7.5%          | > -1%             | MODERATE        |
| Bees  | <i>Bombus rua</i> | NA           | 1            | < -7.5%          | > -1%             | LOW             |
| Bees  | <i>Bombus syl</i> | NA           | 1            | > -1%            | > -1%             | LOW             |
| Bees  | <i>Colletes h</i> | Sea-aster    | 1            | < -7.5%          | > -1%             | LOW             |
| Bees  | <i>Halictus c</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             |
| Bees  | <i>Lasiogloss</i> | NA           | 0            | < -7.5%          | < -7.5%           | VERY HIGH       |
| Bees  | <i>Lasiogloss</i> | NA           | 0            | < -7.5%          | -4 to -1%         | HIGH            |
| Bees  | <i>Lasiogloss</i> | NA           | 0            | < -7.5%          | < -7.5%           | VERY HIGH       |
| Bees  | <i>Melecta al</i> | NA           | 0            | -4 to -1%        | > -1%             | LOW             |
| Bees  | <i>Melitta ha</i> | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             |
| Bees  | <i>Nomada fla</i> | NA           | 0            | > -1%            | > -1%             | LOW             |
| Bees  | <i>Sphecodes</i>  | NA           | 0            | < -7.5%          | > -1%             | LOW             |
| Bees  | <i>Sphecodes</i>  | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             |
| Bees  | <i>Sphecodes</i>  | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             |
| Birds | <i>Accipiter</i>  | Goshawk      | 0            | > -1%            | -7.5 to -4%       | MODERATE        |
| Birds | <i>Alauda arv</i> | Skylark      | 1            | -4 to -1%        | > -1%             | LOW             |
| Birds | <i>Anas platy</i> | Mallard      | 0            | > -1%            | > -1%             | LOW             |
| Birds | <i>Anthus tri</i> | Tree Pipit   | 1            | < -7.5%          | -7.5 to -4%       | VERY HIGH       |
| Birds | <i>Asio flamm</i> | Short-eare   | 0            | < -7.5%          | -7.5 to -4%       | VERY HIGH       |
| Birds | <i>Botaurus s</i> | Bittern      | 1            | < -7.5%          | > -1%             | LOW             |
| Birds | <i>Branta can</i> | Canada Goo   | 0            | > -1%            | -7.5 to -4%       | MODERATE        |
| Birds | <i>Branta leu</i> | Barnacle G   | 0            | < -7.5%          | -7.5 to -4%       | VERY HIGH       |
| Birds | <i>Burhinus o</i> | Stone-curl   | 1            | < -7.5%          | -4 to -1%         | VERY HIGH       |
| Birds | <i>Buteo bute</i> | Buzzard      | 0            | > -1%            | -4 to -1%         | LOW             |
| Birds | <i>Caprimulgu</i> | Nightjar     | 1            | < -7.5%          | > -1%             | LOW             |
| Birds | <i>Carduelis</i>  | Lesser Red   | 1            | < -7.5%          | -7.5 to -4%       | VERY HIGH       |



|       |                                       |   |             |             |           |
|-------|---------------------------------------|---|-------------|-------------|-----------|
| Birds | <i>Carduelis</i> Linnet               | 1 | > -1%       | > -1%       | LOW       |
| Birds | <i>Carduelis</i> Twite                | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Birds | <i>Certhia fa</i> Treecreeper         | 0 | < -7.5%     | -7.5 to -4% | MODERATE  |
| Birds | <i>Cettia cet</i> Cetti's Warbler     | 0 | > -1%       | > -1%       | LOW       |
| Birds | <i>Cinclus ci</i> Dipper              | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      |
| Birds | <i>Circus cya</i> Hen Harrier         | 1 | < -7.5%     | -4 to -1%   | HIGH      |
| Birds | <i>Coccothrau</i> Hawfinch            | 1 | < -7.5%     | > -1%       | MODERATE  |
| Birds | <i>Columba li</i> Rock Dove           | 0 | > -1%       | > -1%       | LOW       |
| Birds | <i>Columba oe</i> Stock Dove          | 0 | > -1%       | > -1%       | LOW       |
| Birds | <i>Corvus fru</i> Rook                | 0 | > -1%       | -4 to -1%   | LOW       |
| Birds | <i>Crex crex</i> Corncrake            | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Cuculus ca</i> Cuckoo              | 1 | < -7.5%     | -4 to -1%   | VERY HIGH |
| Birds | <i>Delichon u</i> House Martin        | 0 | > -1%       | > -1%       | LOW       |
| Birds | <i>Dendrocopo</i> Great Spot          | 0 | > -1%       | > -1%       | LOW       |
| Birds | <i>Dendrocopo</i> Lesser Spotted      | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Emberiza c</i> Corn Bunting        | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Emberiza c</i> Cirl Bunting        | 1 | -4 to -1%   | > -1%       | LOW       |
| Birds | <i>Emberiza c</i> Yellowhammer        | 1 | -7.5 to -4% | > -1%       | MODERATE  |
| Birds | <i>Emberiza s</i> Reed Bunting        | 1 | > -1%       | > -1%       | LOW       |
| Birds | <i>Falco colu</i> Merlin              | 0 | > -1%       | < -7.5%     | MODERATE  |
| Birds | <i>Falco pere</i> Peregrine           | 0 | -7.5 to -4% | -7.5 to -4% | VERY HIGH |
| Birds | <i>Falco tinn</i> Kestrel             | 0 | -4 to -1%   | > -1%       | LOW       |
| Birds | <i>Fulica atr</i> Coot                | 0 | -4 to -1%   | > -1%       | LOW       |
| Birds | <i>Haematopus</i> Oystercatcher       | 0 | -4 to -1%   | > -1%       | LOW       |
| Birds | <i>Lagopus la</i> Red Grouse          | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Birds | <i>Lanius col</i> Red-backed          | 0 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Larus arge</i> Herring Gull        | 1 | > -1%       | > -1%       | LOW       |
| Birds | <i>Larus fusc</i> Lesser Black-headed | 0 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Limosa lim</i> Black-tailed        | 1 | > -1%       | > -1%       | LOW       |
| Birds | <i>Locustella</i> Savi's Warbler      | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Locustella</i> Grasshopper         | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Lullula ar</i> Woodlark            | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Morus bass</i> Gannet              | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Birds | <i>Motacilla</i> Yellow Wagtail       | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Muscicapa</i> Spotted Flycatcher   | 1 | -7.5 to -4% | > -1%       | MODERATE  |
| Birds | <i>Numenius a</i> Curlew              | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Birds | <i>Passer dom</i> House Sparrow       | 1 | > -1%       | > -1%       | LOW       |
| Birds | <i>Passer mon</i> Tree Sparrow        | 1 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Perdix per</i> Grey Partridge      | 1 | < -7.5%     | > -1%       | HIGH      |
| Birds | <i>Phalacroco</i> Cormorant           | 0 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Phoenicuru</i> Black Redstart      | 0 | < -7.5%     | > -1%       | LOW       |
| Birds | <i>Phoenicuru</i> Redstart            | 0 | < -7.5%     | > -1%       | VERY HIGH |
| Birds | <i>Phylloscop</i> Wood Warbler        | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Birds | <i>Picus viri</i> Green Woodpecker    | 0 | > -1%       | > -1%       | LOW       |
| Birds | <i>Podiceps c</i> Great Crested       | 0 | -4 to -1%   | > -1%       | LOW       |
| Birds | <i>Poecile mo</i> Willow Tit          | 1 | -4 to -1%   | > -1%       | VERY HIGH |

|            |                               |   |             |             |           |
|------------|-------------------------------|---|-------------|-------------|-----------|
| Birds      | <i>Poecile pa</i> Marsh Tit   | 1 | -7.5 to -4% | -7.5 to -4% | HIGH      |
| Birds      | <i>Porzana po</i> Spotted Cr. | 0 | < -7.5%     | > -1%       | LOW       |
| Birds      | <i>Prunella m</i> Dunnock     | 1 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Puffinus p</i> Manx Shear  | 0 | < -7.5%     | > -1%       | LOW       |
| Birds      | <i>Pyrrhula p</i> Bullfinch   | 1 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Rallus aqu</i> Water Rail  | 0 | < -7.5%     | > -1%       | LOW       |
| Birds      | <i>Saxicola r</i> Whinchat    | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Birds      | <i>Saxicola t</i> Stonechat   | 0 | < -7.5%     | -7.5 to -4% | LOW       |
| Birds      | <i>Sitta euro</i> Nuthatch    | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Sterna dou</i> Roseate Te  | 1 | < -7.5%     | > -1%       | LOW       |
| Birds      | <i>Streptopel</i> Collared D  | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Streptopel</i> Turtle Dov  | 1 | < -7.5%     | > -1%       | LOW       |
| Birds      | <i>Sturnus vu</i> Starling    | 1 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Sylvia bor</i> Garden War  | 0 | -7.5 to -4% | -4 to -1%   | VERY HIGH |
| Birds      | <i>Sylvia com</i> Whitethroa  | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Tachybaptu</i> Little Gre  | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Tetrao tet</i> Black Grou  | 1 | > -1%       | < -7.5%     | MODERATE  |
| Birds      | <i>Tringa tot</i> Redshank    | 0 | < -7.5%     | > -1%       | LOW       |
| Birds      | <i>Troglodyte</i> Wren        | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Turdus mer</i> Blackbird   | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Turdus phi</i> Song Thrus  | 1 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Turdus tor</i> Ring Ouzel  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Birds      | <i>Tyto alba</i> Barn Owl     | 0 | > -1%       | > -1%       | LOW       |
| Birds      | <i>Vanellus v</i> Lapwing     | 1 | -7.5 to -4% | > -1%       | HIGH      |
| Bryophytes | <i>Calypogeia</i> Bog Pouchw  | 0 | < -7.5%     | -4 to -1%   | HIGH      |
| Bryophytes | <i>Dicranum s</i> Rusty Fork  | 1 | < -7.5%     | > -1%       | LOW       |
| Bryophytes | <i>Didymodon</i> Cylindric    | 0 | > -1%       | > -1%       | LOW       |
| Bryophytes | <i>Didymodon</i> Brown Bear   | 0 | > -1%       | -7.5 to -4% | HIGH      |
| Bryophytes | <i>Leucobryum</i> Large Whit  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Bryophytes | <i>Plagiochil</i> Western Fe  | 0 | > -1%       | < -7.5%     | HIGH      |
| Bryophytes | <i>Plagiomniu</i> Many-fruit  | 0 | < -7.5%     | > -1%       | LOW       |
| Bryophytes | <i>Plagiothec</i> Bright Sil  | 0 | -4 to -1%   | < -7.5%     | VERY HIGH |
| Bryophytes | <i>Porella pl</i> Wall Scale  | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Bryophytes | <i>Racomitriu</i> Slender Fr  | 0 | > -1%       | < -7.5%     | HIGH      |
| Bryophytes | <i>Radula aqu</i> Brown Scal  | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH |
| Bryophytes | <i>Rhytidiade</i> Little Sha  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Bryophytes | <i>Sphagnum p</i> Golden Bog  | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Bryophytes | <i>Zygodon vi</i> NA          | 0 | > -1%       | -7.5 to -4% | HIGH      |
| Carbid be  | <i>Amara ovat</i> NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Carbid be  | <i>Amara tibi</i> NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Carbid be  | <i>Anatis oce</i> Eyed Ladyb  | 0 | < -7.5%     | > -1%       | LOW       |
| Carbid be  | <i>Anthracus</i> NA           | 0 | -4 to -1%   | > -1%       | LOW       |
| Carbid be  | <i>Bembidion</i> NA           | 0 | > -1%       | > -1%       | LOW       |
| Carbid be  | <i>Bembidion</i> NA           | 0 | > -1%       | > -1%       | LOW       |
| Carbid be  | <i>Bradycellu</i> NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Carbid be  | <i>Calathus m</i> NA          | 0 | < -7.5%     | > -1%       | LOW       |

|   |   |           |             |           |
|---|---|-----------|-------------|-----------|
| Carbid be: <i>Calosoma i</i> NA         | 1 | > -1%     | -7.5 to -4% | HIGH      |
| Carbid be: <i>Carabus mo</i> Necklace G | 1 | < -7.5%   | > -1%       | LOW       |
| Carbid be: <i>Carabus pr</i> NA         | 0 | -4 to -1% | -4 to -1%   | HIGH      |
| Carbid be: <i>Curtonotus</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Carbid be: <i>Laemostenu</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Carbid be: <i>Ocys harpa</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Carbid be: <i>Philorhizu</i> NA         | 1 | < -7.5%   | > -1%       | LOW       |
| Carbid be: <i>Pterostich</i> NA         | 0 | > -1%     | < -7.5%     | HIGH      |
| Carbid be: <i>Syntomus f</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Cryptops h</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Geophilus</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  |
| Centipede: <i>Geophilus</i> NA          | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Geophilus</i> NA          | 0 | < -7.5%   | < -7.5%     | VERY HIGH |
| Centipede: <i>Geophilus</i> NA          | 0 | < -7.5%   | > -1%       | MODERATE  |
| Centipede: <i>Henia vesu</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Lithobius</i> NA          | 0 | < -7.5%   | -4 to -1%   | HIGH      |
| Centipede: <i>Lithobius</i> NA          | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Lithobius</i> NA          | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Lithobius</i> NA          | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Schendyla</i> NA          | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Stigmatoga</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Centipede: <i>Strigamia</i> NA          | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Adalia bip</i> Two-spot L | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Adalia dec</i> Ten-spot L | 0 | > -1%     | > -1%       | LOW       |
| Coccinelid <i>Anisostict</i> Water Lady | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Coccidula</i> NA          | 0 | < -7.5%   | -4 to -1%   | HIGH      |
| Coccinelid <i>Coccinella</i> Seven-spot | 0 | -4 to -1% | > -1%       | LOW       |
| Coccinelid <i>Coccinella</i> Eleven-spo | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Halysia se</i> Orange Lad | 0 | < -7.5%   | -4 to -1%   | HIGH      |
| Coccinelid <i>Hippodamia</i> Adonis' La | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Propylea q</i> Fourteen-s | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Psyllobora</i> Twentytwo- | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Scymnus su</i> NA         | 0 | < -7.5%   | > -1%       | LOW       |
| Coccinelid <i>Subcoccine</i> Twentyfour | 0 | > -1%     | -4 to -1%   | MODERATE  |
| Craneflies <i>Nephrotoma</i> NA         | 0 | -4 to -1% | > -1%       | LOW       |
| Craneflies <i>Ptychopter</i> NA         | 0 | < -7.5%   | < -7.5%     | VERY HIGH |
| Craneflies <i>Ptychopter</i> NA         | 0 | < -7.5%   | > -1%       | LOW       |
| Craneflies <i>Ptychopter</i> NA         | 0 | < -7.5%   | > -1%       | LOW       |
| Craneflies <i>Tipula ful</i> NA         | 0 | < -7.5%   | > -1%       | LOW       |
| Craneflies <i>Tipula lat</i> NA         | 0 | > -1%     | -7.5 to -4% | HIGH      |
| Craneflies <i>Tipula lun</i> NA         | 0 | < -7.5%   | > -1%       | LOW       |
| Craneflies <i>Tipula max</i> NA         | 0 | > -1%     | > -1%       | LOW       |
| Craneflies <i>Tipula ole</i> NA         | 0 | < -7.5%   | > -1%       | LOW       |
| Craneflies <i>Tipula unc</i> NA         | 0 | > -1%     | -7.5 to -4% | HIGH      |
| Craneflies <i>Tipula var</i> NA         | 0 | > -1%     | -4 to -1%   | MODERATE  |

|            |                              |   |             |             |           |
|------------|------------------------------|---|-------------|-------------|-----------|
| Crickets   | <i>Chorthippu</i> NA         | 0 | -7.5 to -4% | > -1%       | LOW       |
| Crickets   | <i>Conocephal</i> NA         | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Crickets   | <i>Conocephal</i> NA         | 0 | > -1%       | > -1%       | LOW       |
| Crickets   | <i>Ectobius p</i> Tawny Cock | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Crickets   | <i>Ectobius p</i> Lesser Coc | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Crickets   | <i>Forficula</i> Common Ear  | 0 | > -1%       | > -1%       | LOW       |
| Crickets   | <i>Forficula</i> Lesne's Ea  | 0 | > -1%       | > -1%       | LOW       |
| Crickets   | <i>Meconema t</i> NA         | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Crickets   | <i>Omocestus</i> Woodland G  | 0 | > -1%       | < -7.5%     | HIGH      |
| Crickets   | <i>Omocestus</i> Common Gre  | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Crickets   | <i>Platycleis</i> NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Crickets   | <i>Tetrix cep</i> Cepero's G | 0 | < -7.5%     | > -1%       | LOW       |
| Crickets   | <i>Tetrix sub</i> NA         | 0 | > -1%       | > -1%       | LOW       |
| Hoverflies | <i>Anasimyia</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Hoverflies | <i>Cheilosia</i> NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Hoverflies | <i>Cheilosia</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Hoverflies | <i>Cheilosia</i> NA          | 0 | > -1%       | > -1%       | LOW       |
| Hoverflies | <i>Cheilosia</i> NA          | 0 | -4 to -1%   | < -7.5%     | HIGH      |
| Hoverflies | <i>Eristalis</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Hoverflies | <i>Eupeodes b</i> NA         | 0 | < -7.5%     | > -1%       | MODERATE  |
| Hoverflies | <i>Eupeodes n</i> NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Hoverflies | <i>Neoascia m</i> NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Hoverflies | <i>Platycheir</i> NA         | 0 | > -1%       | -7.5 to -4% | HIGH      |
| Hoverflies | <i>Sphaeropho</i> NA         | 0 | > -1%       | > -1%       | LOW       |
| Hoverflies | <i>Sphegina e</i> NA         | 0 | < -7.5%     | > -1%       | MODERATE  |
| Hoverflies | <i>Xylota seg</i> NA         | 0 | -4 to -1%   | > -1%       | LOW       |
| Millipede: | <i>Blaniulus</i> Spotted Sn  | 0 | > -1%       | > -1%       | LOW       |
| Millipede: | <i>Brachydesm</i> NA         | 0 | > -1%       | > -1%       | LOW       |
| Millipede: | <i>Chordeuma</i> NA          | 0 | > -1%       | < -7.5%     | HIGH      |
| Millipede: | <i>Cylindroi</i> Blunt-tail  | 0 | -4 to -1%   | > -1%       | LOW       |
| Millipede: | <i>Glomeris m</i> Pill Milli | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Millipede: | <i>Melogona s</i> NA         | 0 | > -1%       | -7.5 to -4% | HIGH      |
| Millipede: | <i>Nanogona p</i> Eyed Flat- | 0 | > -1%       | > -1%       | LOW       |
| Millipede: | <i>Nemasoma v</i> NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Millipede: | <i>Ommatoiulu</i> Striped Mi | 0 | > -1%       | -7.5 to -4% | HIGH      |
| Millipede: | <i>Ophiulus</i> NA           | 0 | > -1%       | -7.5 to -4% | HIGH      |
| Millipede: | <i>Polydesmus</i> Common Fla | 0 | > -1%       | > -1%       | LOW       |
| Millipede: | <i>Polydesmus</i> NA         | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Millipede: | <i>Tachypodoi</i> White-legg | 0 | -4 to -1%   | < -7.5%     | HIGH      |
| Moths      | <i>Acronicta</i> Knot Grass  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths      | <i>Adscita st</i> The Forest | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths      | <i>Agrochola</i> Flounced C. | 1 | < -7.5%     | > -1%       | LOW       |
| Moths      | <i>Agrochola</i> Brown-spot  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths      | <i>Agrochola</i> Beaded Che  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths      | <i>Alcis juba</i> Dotted Car | 0 | > -1%       | < -7.5%     | HIGH      |

|       |                               |   |             |             |           |
|-------|-------------------------------|---|-------------|-------------|-----------|
| Moths | <i>Aleucis diSloe</i> Carpe   | 1 | < -7.5%     | -4 to -1%   | HIGH      |
| Moths | <i>Allophyes</i> Green-brin   | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths | <i>Alsophila</i> March Moth   | 0 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Apamea anc</i> Large Nutm  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Arctia caj</i> Garden Tig  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Atethmia c</i> Centre-bar  | 1 | -4 to -1%   | > -1%       | LOW       |
| Moths | <i>Blepharita</i> Dark Broca  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Cabera exa</i> Common Wav  | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Moths | <i>Caradrina</i> Mottled Ru   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Celaena ha</i> Haworth's l | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths | <i>Chesias ru</i> Broom-tip   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Colotois p</i> Feathered   | 0 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Cosmia aff</i> Lesser-spo  | 0 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Cossus cos</i> Goat Moth   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Cyclophora</i> Dingy Moch  | 1 | > -1%       | > -1%       | LOW       |
| Moths | <i>Cyclophora</i> False Moch  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths | <i>Cymatophor</i> Oak Lutest  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Dasypolia</i> Brindled O   | 1 | < -7.5%     | -4 to -1%   | HIGH      |
| Moths | <i>Diloba cae</i> Figure of   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Eilema sor</i> Orange Foo  | 0 | > -1%       | < -7.5%     | HIGH      |
| Moths | <i>Ennomos er</i> September   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Ennomos qu</i> August Tho  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Entephria</i> Grey Mount   | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths | <i>Eugnorisma</i> Autumnal R  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Eulithis m</i> The Spinac  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Euxoa trit</i> White-line  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Graphiphor</i> Double Dar  | 1 | < -7.5%     | > -1%       | MODERATE  |
| Moths | <i>Hadena alb</i> White Spot  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Heliophobu</i> Bordered G  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths | <i>Hemistola</i> Small Emer   | 1 | -7.5 to -4% | > -1%       | LOW       |
| Moths | <i>Hoplodrina</i> The Rustic  | 1 | > -1%       | > -1%       | LOW       |
| Moths | <i>Idaea muri</i> Purple-bor  | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths | <i>Jodis lact</i> Little Eme  | 0 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Lycia hirt</i> Brindled B  | 1 | < -7.5%     | > -1%       | MODERATE  |
| Moths | <i>Macaria wa</i> The V-Moth  | 1 | < -7.5%     | > -1%       | MODERATE  |
| Moths | <i>Malacosoma</i> The Lackey  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Melanchra</i> Dot Moth     | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Melanthia</i> Pretty Cha   | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths | <i>Mythimna c</i> Shoulder-s  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Operophter</i> Northern W  | 0 | < -7.5%     | > -1%       | MODERATE  |
| Moths | <i>Oria muscu</i> Brighton W  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths | <i>Orthosia g</i> Powdered Q  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Paracolax</i> Clay Fan-f   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Pelurga co</i> Dark Spina  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths | <i>Photedes c</i> Least Mino  | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths | <i>Polia bomb</i> Pale Shini  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths | <i>Rheumapter</i> Argent & S  | 1 | < -7.5%     | -4 to -1%   | HIGH      |
| Moths | <i>Rhizedra l</i> Large Wain  | 1 | -7.5 to -4% | > -1%       | LOW       |
| Moths | <i>Scotoptery</i> Chalk Carp  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |

|           |                   |             |   |             |             |           |
|-----------|-------------------|-------------|---|-------------|-------------|-----------|
| Moths     | <i>Selidosema</i> | Bordered G  | 0 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Shargacucu</i> | Striped Ly  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Spilosoma</i>  | Buff Ermin  | 1 | > -1%       | > -1%       | LOW       |
| Moths     | <i>Stilbia an</i> | The Anomal  | 1 | < -7.5%     | -4 to -1%   | HIGH      |
| Moths     | <i>Tholera ce</i> | Hedge Rust  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Tholera de</i> | Feathered   | 1 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Trichiura</i>  | Pale Eggar  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths     | <i>Trichopter</i> | Early Toot  | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Moths     | <i>Trichopter</i> | Barred Too  | 1 | < -7.5%     | > -1%       | MODERATE  |
| Moths     | <i>Trisateles</i> | Olive Cres  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Tyta luctu</i> | The Four-s  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Watsonalla</i> | Barred Hoo  | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Moths     | <i>Xanthia gi</i> | Dusky-lemo  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths     | <i>Xanthia ic</i> | The Sallow  | 1 | < -7.5%     | > -1%       | LOW       |
| Moths     | <i>Xanthorhoe</i> | Red Carpet  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Moths     | <i>Xestia aga</i> | Heath Rust  | 1 | < -7.5%     | > -1%       | MODERATE  |
| Odonata   | <i>Aeshna cae</i> | Azure hawk  | 0 | > -1%       | < -7.5%     | HIGH      |
| Odonata   | <i>Aeshna gra</i> | Brown hawk  | 0 | < -7.5%     | -4 to -1%   | HIGH      |
| Odonata   | <i>Aeshna jun</i> | Common hawk | 0 | < -7.5%     | > -1%       | LOW       |
| Odonata   | <i>Anax imper</i> | Emperor dr  | 0 | > -1%       | > -1%       | LOW       |
| Odonata   | <i>Ceriagrion</i> | Small red   | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Odonata   | <i>Enallagma</i>  | Common blu  | 0 | -7.5 to -4% | > -1%       | MODERATE  |
| Odonata   | <i>Erythromma</i> | Red-eyed d  | 0 | > -1%       | < -7.5%     | HIGH      |
| Odonata   | <i>Ischnura e</i> | Blue-taile  | 0 | -7.5 to -4% | > -1%       | LOW       |
| Odonata   | <i>Orthetrum</i>  | Black-tail  | 0 | > -1%       | > -1%       | LOW       |
| Odonata   | <i>Orthetrum</i>  | Keeled skil | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH |
| Odonata   | <i>Pyrrhosoma</i> | Large red   | 0 | < -7.5%     | > -1%       | LOW       |
| Odonata   | <i>Sympetrum</i>  | Ruddy dart  | 0 | > -1%       | > -1%       | LOW       |
| Odonata   | <i>Sympetrum</i>  | Common dar  | 0 | -7.5 to -4% | > -1%       | LOW       |
| Soldier b | <i>Cantharis</i>  | NA          | 0 | -4 to -1%   | -7.5 to -4% | VERY HIGH |
| Soldier b | <i>Cantharis</i>  | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      |
| Soldier b | <i>Cantharis</i>  | NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Soldier b | <i>Cantharis</i>  | NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Soldier b | <i>Cantharis</i>  | NA          | 0 | -7.5 to -4% | -4 to -1%   | HIGH      |
| Soldier b | <i>Malthinus</i>  | NA          | 0 | > -1%       | -4 to -1%   | MODERATE  |
| Soldier b | <i>Malthinus</i>  | NA          | 0 | > -1%       | > -1%       | LOW       |
| Soldier b | <i>Podabrus a</i> | NA          | 0 | > -1%       | < -7.5%     | HIGH      |
| Soldier b | <i>Rhagonycha</i> | Common Red  | 0 | -7.5 to -4% | > -1%       | LOW       |
| Soldier b | <i>Rhagonycha</i> | NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Soldier b | <i>Rhagonycha</i> | NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Soldier b | <i>Rhagonycha</i> | NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Soldier b | <i>Rhagonycha</i> | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Spiders   | <i>Anelosimus</i> | NA          | 0 | > -1%       | > -1%       | LOW       |
| Spiders   | <i>Araneus ma</i> | NA          | 0 | > -1%       | < -7.5%     | HIGH      |
| Spiders   | <i>Araneus qu</i> | NA          | 0 | > -1%       | > -1%       | LOW       |
| Spiders   | <i>Bathyphant</i> | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH |

|          |                                 |   |             |             |           |
|----------|---------------------------------|---|-------------|-------------|-----------|
| Spiders  | <i>Ceratinella</i> NA           | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Spiders  | <i>Clubiona</i> n NA            | 0 | < -7.5%     | > -1%       | LOW       |
| Spiders  | <i>Dictyna</i> pu Small Mesh    | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Spiders  | <i>Diplocephala</i> NA          | 0 | < -7.5%     | > -1%       | LOW       |
| Spiders  | <i>Haplodrass</i> Heath Gras    | 1 | < -7.5%     | > -1%       | LOW       |
| Spiders  | <i>Mecopisthes</i> Peus' s Lon  | 1 | < -7.5%     | > -1%       | LOW       |
| Spiders  | <i>Meioneta</i> m Thin Weble    | 1 | < -7.5%     | > -1%       | LOW       |
| Spiders  | <i>Monocephala</i> Broad Groo   | 1 | < -7.5%     | -4 to -1%   | HIGH      |
| Spiders  | <i>Porrhomma</i> NA             | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Spiders  | <i>Porrhomma</i> NA             | 0 | < -7.5%     | > -1%       | MODERATE  |
| Spiders  | <i>Saaristoa</i> Triangle H     | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Spiders  | <i>Salticus</i> s NA            | 0 | > -1%       | > -1%       | LOW       |
| Spiders  | <i>Sitticus</i> c Sedge Jump    | 1 | < -7.5%     | > -1%       | LOW       |
| Spiders  | <i>Tapinocyba</i> NA            | 0 | -4 to -1%   | < -7.5%     | VERY HIGH |
| Spiders  | <i>Trichoptera</i> NA           | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Spiders  | <i>Walckenaera</i> NA           | 0 | > -1%       | < -7.5%     | HIGH      |
| Vascular | <i>Aceras</i> ant Man Orchid    | 0 | > -1%       | < -7.5%     | HIGH      |
| Vascular | <i>Ajuga</i> pyra Pyramidal     | 1 | > -1%       | -7.5 to -4% | HIGH      |
| Vascular | <i>Blysmus</i> co Flat-sedge    | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Vascular | <i>Bupleurum</i> Slender Ha     | 1 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Calamagrostis</i> Purple Sma | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Calamagrostis</i> Narrow Sma | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Calystegia</i> Great Bind    | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Carex</i> eric Rare Sprin    | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Carex</i> viri Common Yel    | 0 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Centaurea</i> Cornflower     | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH |
| Vascular | <i>Cephalanthus</i> White Hell  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Chamaemelum</i> Chamomile    | 1 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Chenopodium</i> Fig-leaved   | 0 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Chenopodium</i> Stinking G   | 1 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Cicendia</i> f Yellow Cen    | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Dactylorhiza</i> Common Spo  | 0 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Dactylorhiza</i> Narrow-lea  | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Dianthus</i> a Deptford P    | 1 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Euphrasia</i> Chalk Eyeb     | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Euphrasia</i> Cornish Ey     | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Fumaria</i> pu Purple Ram    | 1 | -7.5 to -4% | > -1%       | LOW       |
| Vascular | <i>Galeopsis</i> Red Hemp-n     | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Herminium</i> Musk Orchi     | 1 | > -1%       | < -7.5%     | HIGH      |
| Vascular | <i>Illecebrum</i> Coral-neck    | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Luronium</i> n Floating W    | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Melittis</i> m Bastard Ba    | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Mentha</i> pu Pennyroyal     | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Minuartia</i> Fine-leave     | 1 | > -1%       | -7.5 to -4% | HIGH      |
| Vascular | <i>Muscari</i> ne Grape-hyac    | 1 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Najas</i> flex Slender Na    | 1 | > -1%       | < -7.5%     | HIGH      |
| Vascular | <i>Phyllitis</i> Hart' s-ton    | 0 | < -7.5%     | > -1%       | LOW       |

|          |                    |            |   |             |             |           |
|----------|--------------------|------------|---|-------------|-------------|-----------|
| Vascular | <i>Pilularia</i>   | Pillwort   | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Potamogeton</i> | Grass-wrac | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Pulsatilla</i>  | Pasqueflow | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Quercus ro</i>  | Pedunculat | 0 | -4 to -1%   | > -1%       | LOW       |
| Vascular | <i>Ranunculus</i>  | Corn Butte | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Ranunculus</i>  | Three-lobe | 1 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Rubus saxa</i>  | Stone Bram | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Rumex rupe</i>  | Shore Dock | 1 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Salix lapp</i>  | Downy Will | 1 | > -1%       | < -7.5%     | HIGH      |
| Vascular | <i>Scandix pe</i>  | Shepherd's | 1 | > -1%       | -7.5 to -4% | HIGH      |
| Vascular | <i>Scrophular</i>  | Water Figw | 0 | > -1%       | > -1%       | LOW       |
| Vascular | <i>Silene gal</i>  | Small-flow | 1 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Sium latif</i>  | Greater Wa | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Sparganium</i>  | Branched B | 0 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Spartina m</i>  | Small Cord | 1 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Stellaria</i>   | Marsh Stit | 1 | < -7.5%     | > -1%       | LOW       |
| Vascular | <i>Torilis ar</i>  | Spreading  | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Valeriane</i>   | Broad-frui | 1 | < -7.5%     | < -7.5%     | VERY HIGH |
| Vascular | <i>Veronica c</i>  | Germander  | 0 | -7.5 to -4% | > -1%       | MODERATE  |
| Vascular | <i>Viola lact</i>  | Pale Dog-v | 1 | > -1%       | -4 to -1%   | MODERATE  |
| Wasps    | <i>Agenioideu</i>  | NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Ancistroce</i>  | Wall Mason | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Cerceris r</i>  | Ornate Tai | 0 | > -1%       | > -1%       | LOW       |
| Wasps    | <i>Crabro pel</i>  | NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Crossoceru</i>  | NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Entomognat</i>  | NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Hedychridi</i>  | NA         | 0 | > -1%       | > -1%       | LOW       |
| Wasps    | <i>Nysson spi</i>  | Large Spur | 0 | < -7.5%     | < -7.5%     | VERY HIGH |
| Wasps    | <i>Odynerus m</i>  | NA         | 1 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Oxybelus a</i>  | Silver Spi | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Pemphredon</i>  | Mournful W | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Priocnemis</i>  | NA         | 0 | < -7.5%     | > -1%       | LOW       |
| Wasps    | <i>Priocnemis</i>  | NA         | 0 | > -1%       | > -1%       | LOW       |
| Wasps    | <i>Smicromyrm</i>  | Small Velv | 0 | > -1%       | > -1%       | LOW       |



| Associated confidence | Observed expansion | Projected expansion | Benefit from expansion | Associated confidence | Final outcome    |
|-----------------------|--------------------|---------------------|------------------------|-----------------------|------------------|
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| MEDIUM                | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | +1 to +4%           | HIGH                   | POOR                  | Risks & benefits |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | +4 to +7.5%        | +1 to +4%           | HIGH                   | POOR                  | High benefit     |
| POOR                  | +1 to +4%          | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| MEDIUM                | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| POOR                  | +1 to +4%          | +4 to +7.5%         | MODERATE               | MEDIUM                | Medium benefit   |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | HIGH                   | POOR                  | Risks & benefits |
| POOR                  | > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| POOR                  | > +7.5%            | > +7.5%             | HIGH                   | MEDIUM                | Medium benefit   |
| POOR                  | +4 to +7.5%        | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| POOR                  | < +1%              | > +7.5%             | MODERATE               | POOR                  | Medium benefit   |
| POOR                  | +1 to +4%          | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| POOR                  | +1 to +4%          | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| POOR                  | > +7.5%            | < +1%               | LOW                    | MEDIUM                | High risk        |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | Medium benefit   |
| POOR                  | > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | < +1%               | MODERATE               | POOR                  | Medium benefit   |
| POOR                  | +4 to +7.5%        | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| POOR                  | +4 to +7.5%        | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | +1 to +4%           | HIGH                   | MEDIUM                | Medium benefit   |
| MEDIUM                | +1 to +4%          | < +1%               | LOW                    | POOR                  | Limited impact   |
| MEDIUM                | +1 to +4%          | < +1%               | LOW                    | POOR                  | Limited impact   |
| POOR                  | +1 to +4%          | < +1%               | LOW                    | POOR                  | High risk        |
| MEDIUM                | > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| POOR                  | > +7.5%            | > +7.5%             | HIGH                   | MEDIUM                | High benefit     |
| POOR                  | > +7.5%            | < +1%               | LOW                    | POOR                  | Medium risk      |
| MEDIUM                | > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | Risks & benefits |
| MEDIUM                | > +7.5%            | > +7.5%             | HIGH                   | POOR                  | Medium risk      |
| POOR                  | > +7.5%            | < +1%               | LOW                    | POOR                  | Limited impact   |
| POOR                  | > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| POOR                  | > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |

|        |             |             |           |        |                |
|--------|-------------|-------------|-----------|--------|----------------|
| GOOD   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | High risk      |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Medium risk    |
| GOOD   | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk      |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | High risk      |
| POOR   | +4 to +7.5% | > +7.5%     | VERY HIGH | MEDIUM | High benefit   |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | Limited impact |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | > +7.5%     | +1 to +4%   | MODERATE  | POOR   | Medium benefit |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk      |
| GOOD   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | > +7.5%     | +1 to +4%   | HIGH      | MEDIUM | High benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk    |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Medium risk    |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk      |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| GOOD   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk      |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit   |
| GOOD   | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit   |
| GOOD   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit   |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit   |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit   |
| POOR   | +4 to +7.5% | > +7.5%     | VERY HIGH | MEDIUM | High benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk    |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk      |
| GOOD   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk      |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit   |
| POOR   | > +7.5%     | > +7.5%     | LOW       | POOR   | High risk      |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk      |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Limited impact |
| POOR   | > +7.5%     | < +1%       | MODERATE  | POOR   | High risk      |

|        |             |             |           |        |                  |
|--------|-------------|-------------|-----------|--------|------------------|
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| GOOD   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| MEDIUM | < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| GOOD   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Medium risk      |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| GOOD   | < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| MEDIUM | < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| GOOD   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| MEDIUM | > +7.5%     | +1 to +4%   | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium risk      |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | +4 to +7.5% | MODERATE  | POOR   | Medium benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |

|        |             |             |           |        |                  |
|--------|-------------|-------------|-----------|--------|------------------|
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| MEDIUM | +1 to +4%   | +1 to +4%   | MODERATE  | MEDIUM | Medium benefit   |
| MEDIUM | < +1%       | +4 to +7.5% | LOW       | MEDIUM | Limited impact   |
| POOR   | < +1%       | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| MEDIUM | +4 to +7.5% | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | Medium risk      |
| MEDIUM | +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Medium risk      |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| MEDIUM | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | +1 to +4%   | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| MEDIUM | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | MODERATE  | POOR   | Medium benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | MODERATE  | POOR   | Medium risk      |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | +4 to +7.5% | MODERATE  | MEDIUM | Medium benefit   |
| POOR   | > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| POOR   | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Medium benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Risks & benefits |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | Medium risk      |

|        |             |             |           |        |                  |
|--------|-------------|-------------|-----------|--------|------------------|
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | Medium risk      |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Medium risk      |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| POOR   | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Medium risk      |
| MEDIUM | +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | Medium benefit   |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| MEDIUM | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | Risks & benefits |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | < +1%       | MODERATE  | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | Medium benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |

|        |             |             |           |        |                  |
|--------|-------------|-------------|-----------|--------|------------------|
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | Risks & benefits |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | +1 to +4%   | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| MEDIUM | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk      |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | MODERATE  | POOR   | Medium benefit   |
| MEDIUM | > +7.5%     | +1 to +4%   | HIGH      | POOR   | Medium risk      |
| POOR   | +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Medium risk      |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | < +1%       | > +7.5%     | MODERATE  | POOR   | High risk        |
| MEDIUM | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | Risks & benefits |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |

|        |             |             |           |        |                  |
|--------|-------------|-------------|-----------|--------|------------------|
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR   | +1 to +4%   | > +7.5%     | HIGH      | POOR   | Medium benefit   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | < +1%       | MODERATE  | POOR   | High risk        |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Medium risk      |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR   | > +7.5%     | +4 to +7.5% | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| POOR   | > +7.5%     | +1 to +4%   | HIGH      | POOR   | Risks & benefits |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Medium risk      |
| MEDIUM | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |

|        |             |             |           |        |                  |
|--------|-------------|-------------|-----------|--------|------------------|
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| MEDIUM | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | +1 to +4%   | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| POOR   | < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| POOR   | < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | < +1%       | > +7.5%     | MODERATE  | POOR   | Risks & benefits |
| MEDIUM | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| MEDIUM | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| POOR   | < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| POOR   | > +7.5%     | +1 to +4%   | HIGH      | POOR   | Medium risk      |
| MEDIUM | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | Risks & benefits |
| POOR   | > +7.5%     | +4 to +7.5% | VERY HIGH | POOR   | Medium benefit   |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Medium risk      |
| POOR   | +4 to +7.5% | > +7.5%     | HIGH      | POOR   | Medium risk      |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| MEDIUM | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| POOR   | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR   | > +7.5%     | +4 to +7.5% | VERY HIGH | POOR   | Risks & benefits |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | +4 to +7.5% | VERY HIGH | POOR   | Risks & benefits |
| POOR   | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR   | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| POOR   | > +7.5%     | +1 to +4%   | HIGH      | POOR   | Risks & benefits |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR   | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Medium benefit   |
| POOR   | > +7.5%     | +1 to +4%   | HIGH      | POOR   | High benefit     |



|      |             |             |           |        |                  |
|------|-------------|-------------|-----------|--------|------------------|
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| POOR | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR | +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| POOR | +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| POOR | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR | +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR | +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Medium benefit   |
| POOR | +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| POOR | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR | > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| POOR | > +7.5%     | < +1%       | LOW       | MEDIUM | Limited impact   |
| POOR | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | +1 to +4%   | HIGH      | POOR   | Medium risk      |
| POOR | > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Medium risk      |
| POOR | < +1%       | < +1%       | LOW       | MEDIUM | Medium risk      |
| POOR | +1 to +4%   | > +7.5%     | HIGH      | POOR   | Medium benefit   |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | +4 to +7.5% | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| POOR | +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| POOR | > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |

| Group | Latin Name        | English name | NERC species | Observed decline | Projected decline | Risk of decline | Associated confidence |
|-------|-------------------|--------------|--------------|------------------|-------------------|-----------------|-----------------------|
| Ants  | <i>Formica cu</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Ants  | <i>Formica fu</i> | Negro Ant    | 0            | > -1%            | > -1%             | LOW             | POOR                  |
| Ants  | <i>Formica sa</i> | NA           | 0            | -4 to -1%        | < -7.5%           | VERY HIGH       | POOR                  |
| Ants  | <i>Lasius ali</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Ants  | <i>Lasius fla</i> | Yellow Mea   | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Ants  | <i>Lasius mix</i> | NA           | 0            | > -1%            | > -1%             | LOW             | MEDIUM                |
| Ants  | <i>Lasius nig</i> | Small Blac   | 0            | > -1%            | > -1%             | LOW             | POOR                  |
| Ants  | <i>Leptothora</i> | Slender An   | 0            | > -1%            | -4 to -1%         | MODERATE        | POOR                  |
| Ants  | <i>Myrmica ru</i> | Red Ant      | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Ants  | <i>Myrmica ru</i> | NA           | 0            | > -1%            | > -1%             | LOW             | POOR                  |
| Ants  | <i>Myrmica sa</i> | NA           | 0            | > -1%            | > -1%             | LOW             | POOR                  |
| Ants  | <i>Myrmica sc</i> | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             | POOR                  |
| Ants  | <i>Myrmica sc</i> | NA           | 0            | > -1%            | > -1%             | LOW             | MEDIUM                |
| Bees  | <i>Andrena ha</i> | Early Mini   | 0            | -4 to -1%        | > -1%             | LOW             | POOR                  |
| Bees  | <i>Andrena ta</i> | Tormentil    | 1            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Bees  | <i>Andrena va</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Bees  | <i>Bombus hum</i> | NA           | 1            | > -1%            | < -7.5%           | HIGH            | POOR                  |
| Bees  | <i>Bombus mon</i> | Mountain B   | 0            | > -1%            | < -7.5%           | HIGH            | POOR                  |
| Bees  | <i>Bombus mus</i> | Moss Carde   | 1            | < -7.5%          | > -1%             | MODERATE        | POOR                  |
| Bees  | <i>Bombus rua</i> | NA           | 1            | < -7.5%          | > -1%             | MODERATE        | POOR                  |
| Bees  | <i>Bombus syl</i> | NA           | 1            | > -1%            | > -1%             | LOW             | MEDIUM                |
| Bees  | <i>Colletes h</i> | Sea-aster    | 1            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Bees  | <i>Halictus c</i> | NA           | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Bees  | <i>Lasiogloss</i> | NA           | 0            | < -7.5%          | < -7.5%           | VERY HIGH       | POOR                  |
| Bees  | <i>Lasiogloss</i> | NA           | 0            | < -7.5%          | -7.5 to -4%       | VERY HIGH       | POOR                  |
| Bees  | <i>Lasiogloss</i> | NA           | 0            | < -7.5%          | < -7.5%           | VERY HIGH       | POOR                  |
| Bees  | <i>Melecta al</i> | NA           | 0            | -4 to -1%        | > -1%             | LOW             | POOR                  |
| Bees  | <i>Melitta ha</i> | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             | POOR                  |
| Bees  | <i>Nomada fla</i> | NA           | 0            | > -1%            | > -1%             | LOW             | MEDIUM                |
| Bees  | <i>Sphcodes</i>   | NA           | 0            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Bees  | <i>Sphcodes</i>   | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             | POOR                  |
| Bees  | <i>Sphcodes</i>   | NA           | 0            | -7.5 to -4%      | > -1%             | LOW             | POOR                  |
| Birds | <i>Accipiter</i>  | Goshawk      | 0            | > -1%            | -7.5 to -4%       | MODERATE        | POOR                  |
| Birds | <i>Alauda arv</i> | Skylark      | 1            | -4 to -1%        | > -1%             | LOW             | MEDIUM                |
| Birds | <i>Anas platy</i> | Mallard      | 0            | > -1%            | > -1%             | LOW             | MEDIUM                |
| Birds | <i>Anthus tri</i> | Tree Pipit   | 1            | < -7.5%          | -7.5 to -4%       | VERY HIGH       | POOR                  |
| Birds | <i>Asio flamm</i> | Short-eare   | 0            | < -7.5%          | -7.5 to -4%       | VERY HIGH       | MEDIUM                |
| Birds | <i>Botaurus s</i> | Bittern      | 1            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Birds | <i>Branta can</i> | Canada Goo   | 0            | > -1%            | < -7.5%           | MODERATE        | POOR                  |
| Birds | <i>Branta leu</i> | Barnacle G   | 0            | < -7.5%          | -7.5 to -4%       | VERY HIGH       | MEDIUM                |
| Birds | <i>Burhinus o</i> | Stone-curl   | 1            | < -7.5%          | -4 to -1%         | VERY HIGH       | MEDIUM                |
| Birds | <i>Buteo bute</i> | Buzzard      | 0            | > -1%            | -4 to -1%         | LOW             | POOR                  |
| Birds | <i>Caprimulgu</i> | Nightjar     | 1            | < -7.5%          | > -1%             | LOW             | POOR                  |
| Birds | <i>Carduelis</i>  | Lesser Red   | 1            | < -7.5%          | < -7.5%           | VERY HIGH       | POOR                  |
| Birds | <i>Carduelis</i>  | Linnet       | 1            | > -1%            | > -1%             | LOW             | GOOD                  |
| Birds | <i>Carduelis</i>  | Twite        | 1            | < -7.5%          | < -7.5%           | VERY HIGH       | MEDIUM                |

|       |   |   |             |             |           |        |
|-------|---|---|-------------|-------------|-----------|--------|
| Birds | <i>Certhia fa</i> Treecreeper               | 0 | < -7.5%     | < -7.5%     | MODERATE  | POOR   |
| Birds | <i>Cettia cet</i> Cetti's Warbler           | 0 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds | <i>Cinclus ci</i> Dipper                    | 0 | -7.5 to -4% | -7.5 to -4% | HIGH      | POOR   |
| Birds | <i>Circus cya</i> Hen Harrier               | 1 | < -7.5%     | -7.5 to -4% | HIGH      | MEDIUM |
| Birds | <i>Coccothrau</i> Hawfinch                  | 1 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Birds | <i>Columba li</i> Rock Dove                 | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds | <i>Columba oe</i> Stock Dove                | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds | <i>Corvus fru</i> Rook                      | 0 | > -1%       | -4 to -1%   | LOW       | MEDIUM |
| Birds | <i>Crex crex</i> Corncrake                  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Cuculus ca</i> Cuckoo                    | 1 | < -7.5%     | -4 to -1%   | VERY HIGH | POOR   |
| Birds | <i>Delichon u</i> House Martin              | 0 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds | <i>Dendrocopo</i> Great Spotted Woodpecker  | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds | <i>Dendrocopo</i> Lesser Spotted Woodpecker | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Emberiza c</i> Corn Bunting              | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Emberiza c</i> Cirl Bunting              | 1 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Birds | <i>Emberiza c</i> Yellowhammer              | 1 | -7.5 to -4% | -4 to -1%   | MODERATE  | MEDIUM |
| Birds | <i>Emberiza s</i> Reed Bunting              | 1 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds | <i>Falco colu</i> Merlin                    | 0 | > -1%       | < -7.5%     | MODERATE  | POOR   |
| Birds | <i>Falco pere</i> Peregrine                 | 0 | -7.5 to -4% | -7.5 to -4% | VERY HIGH | POOR   |
| Birds | <i>Falco tinn</i> Kestrel                   | 0 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Birds | <i>Fulica atr</i> Coot                      | 0 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Birds | <i>Haematopus</i> Oystercatcher             | 0 | -4 to -1%   | > -1%       | LOW       | MEDIUM |
| Birds | <i>Lagopus la</i> Red Grouse                | 1 | < -7.5%     | < -7.5%     | VERY HIGH | GOOD   |
| Birds | <i>Lanius col</i> Red-backed Thrush         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Larus arge</i> Herring Gull              | 1 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds | <i>Larus fusc</i> Lesser Black-headed Gull  | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Limosa lim</i> Black-tailed Godwit       | 1 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds | <i>Locustella</i> Savi's Warbler            | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Locustella</i> Grasshopper Warbler       | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Lullula ar</i> Woodlark                  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Morus bass</i> Gannet                    | 0 | > -1%       | -4 to -1%   | MODERATE  | POOR   |
| Birds | <i>Motacilla</i> Yellow Wagtail             | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Muscicapa</i> Spotted Flycatcher         | 1 | -7.5 to -4% | > -1%       | MODERATE  | POOR   |
| Birds | <i>Numenius a</i> Curlew                    | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Birds | <i>Passer dom</i> House Sparrow             | 1 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds | <i>Passer mon</i> Tree Sparrow              | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Perdix per</i> Grey Partridge            | 1 | < -7.5%     | > -1%       | HIGH      | POOR   |
| Birds | <i>Phalacroco</i> Cormorant                 | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Phoenicuru</i> Black Redstart            | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Phoenicuru</i> Redstart                  | 0 | < -7.5%     | > -1%       | VERY HIGH | POOR   |
| Birds | <i>Phylloscop</i> Wood Warbler              | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Birds | <i>Picus viri</i> Green Woodpecker          | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds | <i>Podiceps c</i> Great Crested Newt        | 0 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Birds | <i>Poecile mo</i> Willow Tit                | 1 | -4 to -1%   | > -1%       | VERY HIGH | POOR   |
| Birds | <i>Poecile pa</i> Marsh Tit                 | 1 | -7.5 to -4% | -7.5 to -4% | HIGH      | POOR   |
| Birds | <i>Porzana po</i> Spotted Cramp             | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Prunella m</i> Dunlin                    | 1 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds | <i>Puffinus p</i> Manx Shearwater           | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds | <i>Pyrrhula p</i> Bullfinch                 | 1 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds | <i>Rallus aqu</i> Water Rail                | 0 | < -7.5%     | > -1%       | LOW       | POOR   |

|            |                              |   |             |             |           |        |
|------------|------------------------------|---|-------------|-------------|-----------|--------|
| Birds      | <i>Saxicola r</i> Whinchat   | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Birds      | <i>Saxicola t</i> Stonechat  | 0 | < -7.5%     | -7.5 to -4% | LOW       | MEDIUM |
| Birds      | <i>Sitta euro</i> Nuthatch   | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Birds      | <i>Sterna dou</i> Roseate Te | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds      | <i>Streptopel</i> Collared D | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds      | <i>Streptopel</i> Turtle Dov | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds      | <i>Sturnus vu</i> Starling   | 1 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds      | <i>Sylvia bor</i> Garden War | 0 | -7.5 to -4% | -7.5 to -4% | VERY HIGH | POOR   |
| Birds      | <i>Sylvia com</i> Whitethroa | 0 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds      | <i>Tachybaptu</i> Little Gre | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds      | <i>Tetrao tet</i> Black Grou | 1 | > -1%       | < -7.5%     | MODERATE  | POOR   |
| Birds      | <i>Tringa tot</i> Redshank   | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Birds      | <i>Troglodyte</i> Wren       | 0 | > -1%       | > -1%       | LOW       | GOOD   |
| Birds      | <i>Turdus mer</i> Blackbird  | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds      | <i>Turdus phi</i> Song Thrus | 1 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds      | <i>Turdus tor</i> Ring Ouzel | 1 | < -7.5%     | < -7.5%     | VERY HIGH | GOOD   |
| Birds      | <i>Tyto alba</i> Barn Owl    | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Birds      | <i>Vanellus v</i> Lapwing    | 1 | -7.5 to -4% | > -1%       | HIGH      | POOR   |
| Bryophytes | <i>Calypogeia</i> Bog Pouchw | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Bryophytes | <i>Dicranum s</i> Rusty Fork | 1 | < -7.5%     | -4 to -1%   | HIGH      | POOR   |
| Bryophytes | <i>Didymodon</i> Cylindric   | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Bryophytes | <i>Didymodon</i> Brown Bear  | 0 | > -1%       | -4 to -1%   | MODERATE  | POOR   |
| Bryophytes | <i>Leucobryum</i> Large Whit | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Bryophytes | <i>Plagiochil</i> Western Fe | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Bryophytes | <i>Plagiomniu</i> Many-fruit | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Bryophytes | <i>Plagiothec</i> Bright Sil | 0 | -4 to -1%   | < -7.5%     | HIGH      | POOR   |
| Bryophytes | <i>Porella pl</i> Wall Scale | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Bryophytes | <i>Racomitriu</i> Slender Fr | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Bryophytes | <i>Radula aqu</i> Brown Scal | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | POOR   |
| Bryophytes | <i>Rhytidiade</i> Little Sha | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Bryophytes | <i>Sphagnum p</i> Golden Bog | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Bryophytes | <i>Zygodon vi</i> NA         | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Carbid bee | <i>Amara ovat</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Amara tibi</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Anatis oce</i> Eyed Ladyb | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Anthracus</i> NA          | 0 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Bembidion</i> NA          | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Carbid bee | <i>Bembidion</i> NA          | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Carbid bee | <i>Bradycellu</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Calathus m</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Calosoma i</i> NA         | 1 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Carbid bee | <i>Carabus mo</i> Necklace G | 1 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Carbid bee | <i>Carabus pr</i> NA         | 0 | -4 to -1%   | -4 to -1%   | HIGH      | POOR   |
| Carbid bee | <i>Curtonotus</i> NA         | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Laemostenu</i> NA         | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Ocys harpa</i> NA         | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Carbid bee | <i>Philorhizu</i> NA         | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Carbid bee | <i>Pterostich</i> NA         | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Carbid bee | <i>Syntomus f</i> NA         | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Centipedes | <i>Cryptops h</i> NA         | 0 | > -1%       | > -1%       | LOW       | MEDIUM |

|   |   |             |             |           |        |
|---|---|-------------|-------------|-----------|--------|
| Centipedes <i>Geophilus</i> NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Centipedes <i>Geophilus</i> NA          | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Centipedes <i>Geophilus</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Centipedes <i>Geophilus</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Centipedes <i>Henia vesu</i> NA         | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Centipedes <i>Lithobius</i> NA          | 0 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Centipedes <i>Lithobius</i> NA          | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Centipedes <i>Lithobius</i> NA          | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Centipedes <i>Lithobius</i> NA          | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Centipedes <i>Schendyla</i> NA          | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Centipedes <i>Stigmatoga</i> NA         | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Centipedes <i>Strigamia</i> NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Adalia bip</i> Two-spot L | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Adalia dec</i> Ten-spot L | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Coccinelid <i>Anisostict</i> Water Lady | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Coccidula</i> NA          | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Coccinelid <i>Coccinella</i> Seven-spot | 0 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Coccinelid <i>Coccinella</i> Eleven-spo | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Halysia se</i> Orange Lad | 0 | < -7.5%     | -4 to -1%   | HIGH      | POOR   |
| Coccinelid <i>Hippodamia</i> Adonis' La | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Propylea q</i> Fourteen-s | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Psyllobora</i> Twentytwo- | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Scymnus su</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Coccinelid <i>Subcoccine</i> Twentyfour | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Craneflies <i>Nephrotoma</i> NA         | 0 | -4 to -1%   | > -1%       | LOW       | POOR   |
| Craneflies <i>Ptychopter</i> NA         | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Craneflies <i>Ptychopter</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Craneflies <i>Ptychopter</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Craneflies <i>Tipula ful</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Craneflies <i>Tipula lat</i> NA         | 0 | > -1%       | -7.5 to -4% | HIGH      | POOR   |
| Craneflies <i>Tipula lun</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Craneflies <i>Tipula max</i> NA         | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Craneflies <i>Tipula ole</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Craneflies <i>Tipula unc</i> NA         | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Craneflies <i>Tipula var</i> NA         | 0 | > -1%       | -4 to -1%   | MODERATE  | POOR   |
| Crickets a <i>Chorthippu</i> NA         | 0 | -7.5 to -4% | > -1%       | LOW       | POOR   |
| Crickets a <i>Conocephal</i> NA         | 0 | > -1%       | -7.5 to -4% | HIGH      | POOR   |
| Crickets a <i>Conocephal</i> NA         | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Crickets a <i>Ectobius p</i> Tawny Cock | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Crickets a <i>Ectobius p</i> Lesser Coc | 0 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Crickets a <i>Forficula</i> Common Ear  | 0 | > -1%       | > -1%       | LOW       | POOR   |
| Crickets a <i>Forficula</i> Lesne's Ea  | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Crickets a <i>Meconema t</i> NA         | 0 | > -1%       | -7.5 to -4% | HIGH      | POOR   |
| Crickets a <i>Omocestus</i> Woodland G  | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Crickets a <i>Omocestus</i> Common Gre  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Crickets a <i>Platycleis</i> NA         | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Crickets a <i>Tetrix cep</i> Cepero's G | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Crickets a <i>Tetrix sub</i> NA         | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Hoverflies <i>Anasimyia</i> NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Hoverflies <i>Cheilosia</i> NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |

|            |                   |                |   |           |             |           |        |
|------------|-------------------|----------------|---|-----------|-------------|-----------|--------|
| Hoverflies | <i>Cheilosia</i>  | NA             | 0 | < -7.5%   | < -7.5%     | VERY HIGH | POOR   |
| Hoverflies | <i>Cheilosia</i>  | NA             | 0 | > -1%     | > -1%       | LOW       | POOR   |
| Hoverflies | <i>Cheilosia</i>  | NA             | 0 | -4 to -1% | < -7.5%     | VERY HIGH | POOR   |
| Hoverflies | <i>Eristalis</i>  | NA             | 0 | < -7.5%   | < -7.5%     | VERY HIGH | MEDIUM |
| Hoverflies | <i>Eupeodes</i>   | bNA            | 0 | < -7.5%   | > -1%       | MODERATE  | POOR   |
| Hoverflies | <i>Eupeodes</i>   | nNA            | 0 | < -7.5%   | < -7.5%     | VERY HIGH | POOR   |
| Hoverflies | <i>Neoascia</i>   | mNA            | 0 | < -7.5%   | > -1%       | LOW       | POOR   |
| Hoverflies | <i>Platycheir</i> | NA             | 0 | > -1%     | < -7.5%     | HIGH      | POOR   |
| Hoverflies | <i>Sphaeropho</i> | NA             | 0 | > -1%     | > -1%       | LOW       | MEDIUM |
| Hoverflies | <i>Sphagina</i>   | eNA            | 0 | < -7.5%   | > -1%       | LOW       | POOR   |
| Hoverflies | <i>Xylota</i>     | segNA          | 0 | -4 to -1% | > -1%       | LOW       | POOR   |
| Millipedes | <i>Bianiulus</i>  | Spotted Sn     | 0 | > -1%     | > -1%       | LOW       | MEDIUM |
| Millipedes | <i>Brachydesm</i> | NA             | 0 | > -1%     | > -1%       | LOW       | POOR   |
| Millipedes | <i>Chordeuma</i>  | NA             | 0 | > -1%     | < -7.5%     | HIGH      | POOR   |
| Millipedes | <i>Cylindroi</i>  | Blunt-tail     | 0 | -4 to -1% | > -1%       | LOW       | POOR   |
| Millipedes | <i>Glomeris</i>   | mPill Milli    | 0 | < -7.5%   | < -7.5%     | VERY HIGH | POOR   |
| Millipedes | <i>Melogona</i>   | sNA            | 0 | > -1%     | < -7.5%     | HIGH      | POOR   |
| Millipedes | <i>Nanogona</i>   | pEyed Flat-    | 0 | > -1%     | -4 to -1%   | MODERATE  | POOR   |
| Millipedes | <i>Nemasoma</i>   | vNA            | 0 | < -7.5%   | < -7.5%     | VERY HIGH | POOR   |
| Millipedes | <i>Ommatoiulu</i> | Striped Mi     | 0 | > -1%     | -7.5 to -4% | HIGH      | POOR   |
| Millipedes | <i>Ophiulus</i>   | NA             | 0 | > -1%     | < -7.5%     | HIGH      | POOR   |
| Millipedes | <i>Polydesmus</i> | Common Fla     | 0 | > -1%     | > -1%       | LOW       | MEDIUM |
| Millipedes | <i>Polydesmus</i> | NA             | 0 | > -1%     | -7.5 to -4% | HIGH      | POOR   |
| Millipedes | <i>Tachypodoi</i> | White-legg     | 0 | -4 to -1% | < -7.5%     | VERY HIGH | POOR   |
| Moths      | <i>Acronicta</i>  | Knot Grass     | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Adscita</i>    | stThe Forest   | 1 | < -7.5%   | < -7.5%     | VERY HIGH | MEDIUM |
| Moths      | <i>Agrochola</i>  | Flounced C     | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Agrochola</i>  | Brown-spot     | 1 | < -7.5%   | < -7.5%     | VERY HIGH | POOR   |
| Moths      | <i>Agrochola</i>  | Beaded Che     | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Alcis</i>      | jubaDotted Car | 0 | > -1%     | < -7.5%     | HIGH      | POOR   |
| Moths      | <i>Aleucis</i>    | disloe Carpe   | 1 | < -7.5%   | -4 to -1%   | HIGH      | POOR   |
| Moths      | <i>Allophyes</i>  | Green-brin     | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | POOR   |
| Moths      | <i>Alsophila</i>  | March Moth     | 0 | < -7.5%   | > -1%       | MODERATE  | POOR   |
| Moths      | <i>Apamea</i>     | ancLarge Nutm  | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Arctia</i>     | cayGarden Tig  | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Atethmia</i>   | cCentre-bar    | 1 | -4 to -1% | > -1%       | LOW       | POOR   |
| Moths      | <i>Blepharita</i> | Dark Broca     | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Cabera</i>     | exaCommon Wav  | 0 | > -1%     | -4 to -1%   | MODERATE  | POOR   |
| Moths      | <i>Caradrina</i>  | Mottled Ru     | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Celaena</i>    | haHaworth's    | 1 | < -7.5%   | -7.5 to -4% | VERY HIGH | POOR   |
| Moths      | <i>Chesias</i>    | ruBroom-tip    | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Colotois</i>   | pFeathered     | 0 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Cosmia</i>     | affLesser-spo  | 0 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Cossus</i>     | cosGoat Moth   | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Cyclophora</i> | Dingy Moch     | 1 | > -1%     | > -1%       | LOW       | MEDIUM |
| Moths      | <i>Cyclophora</i> | False Moch     | 1 | < -7.5%   | < -7.5%     | VERY HIGH | POOR   |
| Moths      | <i>Cymatophor</i> | Oak Lutest     | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Dasypolia</i>  | Brindled O     | 1 | < -7.5%   | -4 to -1%   | HIGH      | POOR   |
| Moths      | <i>Diloba</i>     | caeFigure of   | 1 | < -7.5%   | > -1%       | LOW       | POOR   |
| Moths      | <i>Eilema</i>     | sorOrange Foo  | 0 | > -1%     | < -7.5%     | HIGH      | POOR   |

|         |                   |            |   |             |             |           |        |
|---------|-------------------|------------|---|-------------|-------------|-----------|--------|
| Moths   | <i>Ennomos er</i> | September  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Ennomos qu</i> | August Tho | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Entephria</i>  | Grey Mount | 1 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Moths   | <i>Eugnorisma</i> | Autumnal R | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Eulithis m</i> | The Spinac | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Euxoa trit</i> | White-line | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Graphiphor</i> | Double Dar | 1 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Moths   | <i>Hadena alb</i> | White Spot | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Heliophobu</i> | Bordered G | 1 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Moths   | <i>Hemistola</i>  | Small Emer | 1 | -7.5 to -4% | > -1%       | LOW       | POOR   |
| Moths   | <i>Hoplodrina</i> | The Rustic | 1 | > -1%       | > -1%       | LOW       | MEDIUM |
| Moths   | <i>Idaea muri</i> | Purple-bor | 0 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Moths   | <i>Jodis lact</i> | Little Eme | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Lycia hirt</i> | Brindled B | 1 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Moths   | <i>Macaria wa</i> | The V-Moth | 1 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Moths   | <i>Malacosoma</i> | The Lackey | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Melanchra</i>  | Dot Moth   | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Melanthia</i>  | Pretty Cha | 1 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Moths   | <i>Mythimna c</i> | Shoulder-s | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Operophter</i> | Northern W | 0 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Moths   | <i>Oria muscu</i> | Brighton W | 1 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Moths   | <i>Orthosia g</i> | Powdered Q | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Paracolax</i>  | Clay Fan-f | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Pelurga co</i> | Dark Spina | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Photedes c</i> | Least Mino | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Moths   | <i>Polia bomb</i> | Pale Shini | 1 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Moths   | <i>Rheumapter</i> | Argent & S | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | MEDIUM |
| Moths   | <i>Rhizedra l</i> | Large Wain | 1 | -7.5 to -4% | > -1%       | LOW       | POOR   |
| Moths   | <i>Scotoptery</i> | Chalk Carp | 1 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Moths   | <i>Selidosema</i> | Bordered G | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Shargacucu</i> | Striped Ly | 1 | < -7.5%     | -4 to -1%   | HIGH      | MEDIUM |
| Moths   | <i>Spilosoma</i>  | Buff Ermin | 1 | > -1%       | > -1%       | LOW       | MEDIUM |
| Moths   | <i>Stilbia an</i> | The Anomal | 1 | < -7.5%     | -4 to -1%   | HIGH      | POOR   |
| Moths   | <i>Tholera ce</i> | Hedge Rust | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Tholera de</i> | Feathered  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Trichiura</i>  | Pale Eggar | 1 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Moths   | <i>Trichopter</i> | Early Toot | 0 | > -1%       | -4 to -1%   | MODERATE  | POOR   |
| Moths   | <i>Trichopter</i> | Barred Too | 1 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Moths   | <i>Trisateles</i> | Olive Cres | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Tyta luctu</i> | The Four-s | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Watsonalla</i> | Barred Hoo | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Moths   | <i>Xanthia gi</i> | Dusky-lemo | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Moths   | <i>Xanthia ic</i> | The Sallow | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Moths   | <i>Xanthorhoe</i> | Red Carpet | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Moths   | <i>Xestia aga</i> | Heath Rust | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Odonata | <i>Aeshna cae</i> | Azure hawk | 0 | > -1%       | < -7.5%     | HIGH      | POOR   |
| Odonata | <i>Aeshna gra</i> | Brown hawk | 0 | < -7.5%     | -4 to -1%   | HIGH      | POOR   |
| Odonata | <i>Aeshna jun</i> | Common haw | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Odonata | <i>Anax imper</i> | Emperor dr | 0 | > -1%       | > -1%       | LOW       | MEDIUM |
| Odonata | <i>Ceriagrion</i> | Small red  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |

|            |                    |             |   |             |             |           |        |
|------------|--------------------|-------------|---|-------------|-------------|-----------|--------|
| Odonata    | <i>Enallagma</i>   | Common blu  | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | POOR   |
| Odonata    | <i>Erythromma</i>  | Red-eyed d  | 0 | >-1%        | < -7.5%     | HIGH      | POOR   |
| Odonata    | <i>Ischnura e</i>  | Blue-taile  | 0 | -7.5 to -4% | > -1%       | LOW       | POOR   |
| Odonata    | <i>Orthetrum</i>   | Black-tail  | 0 | >-1%        | > -1%       | LOW       | MEDIUM |
| Odonata    | <i>Orthetrum</i>   | Keeled skii | 0 | -7.5 to -4% | < -7.5%     | VERY HIGH | POOR   |
| Odonata    | <i>Pyrrhosoma</i>  | Large red   | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Odonata    | <i>Sympetrum</i>   | Ruddy dart  | 0 | >-1%        | > -1%       | LOW       | MEDIUM |
| Odonata    | <i>Sympetrum</i>   | Common dar  | 0 | -7.5 to -4% | > -1%       | LOW       | POOR   |
| Soldier be | <i>Cantharis</i>   | NA          | 0 | -4 to -1%   | < -7.5%     | HIGH      | POOR   |
| Soldier be | <i>Cantharis</i>   | NA          | 0 | < -7.5%     | -4 to -1%   | HIGH      | POOR   |
| Soldier be | <i>Cantharis</i>   | NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Soldier be | <i>Cantharis</i>   | NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Soldier be | <i>Cantharis</i>   | NA          | 0 | -7.5 to -4% | -4 to -1%   | HIGH      | POOR   |
| Soldier be | <i>Malthinus</i>   | NA          | 0 | >-1%        | -4 to -1%   | MODERATE  | POOR   |
| Soldier be | <i>Malthinus</i>   | NA          | 0 | >-1%        | > -1%       | LOW       | POOR   |
| Soldier be | <i>Podabrus a</i>  | NA          | 0 | >-1%        | < -7.5%     | HIGH      | POOR   |
| Soldier be | <i>Rhagonycha</i>  | Common Red  | 0 | -7.5 to -4% | > -1%       | LOW       | POOR   |
| Soldier be | <i>Rhagonycha</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Soldier be | <i>Rhagonycha</i>  | NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Soldier be | <i>Rhagonycha</i>  | NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Soldier be | <i>Rhagonycha</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Spiders    | <i>Anelosimus</i>  | NA          | 0 | >-1%        | > -1%       | LOW       | MEDIUM |
| Spiders    | <i>Araneus ma</i>  | NA          | 0 | >-1%        | < -7.5%     | HIGH      | POOR   |
| Spiders    | <i>Araneus qu</i>  | NA          | 0 | >-1%        | > -1%       | LOW       | POOR   |
| Spiders    | <i>Bathyphant</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Spiders    | <i>Ceratinella</i> | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Spiders    | <i>Clubiona n</i>  | NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Spiders    | <i>Dictyna pu</i>  | Small Mesh  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Spiders    | <i>Diploceph</i>   | NA          | 0 | < -7.5%     | > -1%       | LOW       | POOR   |
| Spiders    | <i>Haplodrass</i>  | Heath Gras  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Spiders    | <i>Mecopisthe</i>  | Peus' s Lon | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Spiders    | <i>Meioneta m</i>  | Thin Weble  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Spiders    | <i>Monocephal</i>  | Broad Groo  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | MEDIUM |
| Spiders    | <i>Porrhomma</i>   | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Spiders    | <i>Porrhomma</i>   | NA          | 0 | < -7.5%     | > -1%       | MODERATE  | POOR   |
| Spiders    | <i>Saaristoa</i>   | Triangle H  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Spiders    | <i>Salticus s</i>  | NA          | 0 | >-1%        | > -1%       | LOW       | POOR   |
| Spiders    | <i>Sitticus c</i>  | Sedge Jump  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Spiders    | <i>Tapinocyba</i>  | NA          | 0 | -4 to -1%   | < -7.5%     | VERY HIGH | POOR   |
| Spiders    | <i>Trichopter</i>  | NA          | 0 | < -7.5%     | < -7.5%     | VERY HIGH | MEDIUM |
| Spiders    | <i>Walckenaer</i>  | NA          | 0 | >-1%        | < -7.5%     | HIGH      | POOR   |
| Vascular p | <i>Aceras ant</i>  | Man Orchid  | 0 | >-1%        | < -7.5%     | HIGH      | POOR   |
| Vascular p | <i>Ajuga pyra</i>  | Pyramidal   | 1 | >-1%        | < -7.5%     | HIGH      | POOR   |
| Vascular p | <i>Blysmus co</i>  | Flat-sedge  | 1 | < -7.5%     | -7.5 to -4% | VERY HIGH | POOR   |
| Vascular p | <i>Bupleurum</i>   | Slender Ha  | 1 | < -7.5%     | > -1%       | LOW       | POOR   |
| Vascular p | <i>Calamagros</i>  | Purple Sma  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Vascular p | <i>Calamagros</i>  | Narrow Sma  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Vascular p | <i>Calystegia</i>  | Great Bind  | 0 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Vascular p | <i>Carex eric</i>  | Rare Sprin  | 1 | < -7.5%     | < -7.5%     | VERY HIGH | POOR   |
| Vascular p | <i>Carex viri</i>  | Common Yel  | 0 | >-1%        | > -1%       | LOW       | POOR   |



|            |                   |            |   |             |           |           |        |
|------------|-------------------|------------|---|-------------|-----------|-----------|--------|
| Vascular p | <i>Centaurea</i>  | Cornflower | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Cephalanth</i> | White Hell | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Chamaemelu</i> | Chamomile  | 1 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Chenopodiu</i> | Fig-leaved | 0 | > -1%       | > -1%     | LOW       | MEDIUM |
| Vascular p | <i>Chenopodiu</i> | Stinking G | 1 | > -1%       | > -1%     | LOW       | POOR   |
| Vascular p | <i>Cicendia f</i> | Yellow Cen | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Dactylorhi</i> | Common Spo | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Dactylorhi</i> | Narrow-lea | 0 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Dianthus a</i> | Deptford P | 1 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Euphrasia</i>  | Chalk Eyeb | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Euphrasia</i>  | Cornish Ey | 1 | < -7.5%     | < -7.5%   | VERY HIGH | MEDIUM |
| Vascular p | <i>Fumaria pu</i> | Purple Ram | 1 | -7.5 to -4% | > -1%     | LOW       | POOR   |
| Vascular p | <i>Galeopsis</i>  | Red Hemp-n | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Herminium</i>  | Musk Orchi | 1 | > -1%       | < -7.5%   | HIGH      | POOR   |
| Vascular p | <i>Illecebrum</i> | Coral-neck | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Luronium n</i> | Floating W | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Melittis m</i> | Bastard Ba | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Mentha pul</i> | Pennyroyal | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Minuartia</i>  | Fine-leave | 1 | > -1%       | < -7.5%   | HIGH      | POOR   |
| Vascular p | <i>Muscari ne</i> | Grape-hyac | 1 | > -1%       | > -1%     | LOW       | MEDIUM |
| Vascular p | <i>Najas flex</i> | Slender Na | 1 | > -1%       | < -7.5%   | HIGH      | POOR   |
| Vascular p | <i>Phyllitis</i>  | Hart's-ton | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Pilularia</i>  | Pillwort   | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Potamogeto</i> | Grass-wrac | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Pulsatilla</i> | Pasqueflow | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Quercus ro</i> | Pedunculat | 0 | -4 to -1%   | > -1%     | LOW       | POOR   |
| Vascular p | <i>Ranunculus</i> | Corn Butte | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Ranunculus</i> | Three-lobe | 1 | > -1%       | > -1%     | LOW       | MEDIUM |
| Vascular p | <i>Rubus saxa</i> | Stone Bram | 0 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Rumex rupe</i> | Shore Dock | 1 | > -1%       | > -1%     | LOW       | MEDIUM |
| Vascular p | <i>Salix lapp</i> | Downy Will | 1 | > -1%       | < -7.5%   | HIGH      | POOR   |
| Vascular p | <i>Scandix pe</i> | Shepherd's | 1 | > -1%       | -4 to -1% | MODERATE  | POOR   |
| Vascular p | <i>Scrophular</i> | Water Figw | 0 | > -1%       | > -1%     | LOW       | MEDIUM |
| Vascular p | <i>Silene gal</i> | Small-flow | 1 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Sium latif</i> | Greater Wa | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Sparganium</i> | Branched B | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Spartina m</i> | Small Cord | 1 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Stellaria</i>  | Marsh Stit | 1 | < -7.5%     | > -1%     | LOW       | POOR   |
| Vascular p | <i>Torilis ar</i> | Spreading  | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Valeriane1</i> | Broad-frui | 1 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |
| Vascular p | <i>Veronica c</i> | Germander  | 0 | -7.5 to -4% | > -1%     | MODERATE  | POOR   |
| Vascular p | <i>Viola lact</i> | Pale Dog-v | 1 | > -1%       | -4 to -1% | MODERATE  | POOR   |
| Wasps      | <i>Agenioideu</i> | NA         | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Wasps      | <i>Ancistroce</i> | Wall Mason | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Wasps      | <i>Cerceris r</i> | Ornate Tai | 0 | > -1%       | > -1%     | LOW       | MEDIUM |
| Wasps      | <i>Crabro pel</i> | NA         | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Wasps      | <i>Crossoceru</i> | NA         | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Wasps      | <i>Entomognat</i> | NA         | 0 | < -7.5%     | > -1%     | LOW       | POOR   |
| Wasps      | <i>Hedychridi</i> | NA         | 0 | > -1%       | > -1%     | LOW       | MEDIUM |
| Wasps      | <i>Nysson spi</i> | Large Spur | 0 | < -7.5%     | < -7.5%   | VERY HIGH | POOR   |

|       |                              |   |         |       |     |        |
|-------|------------------------------|---|---------|-------|-----|--------|
| Wasps | <i>Odynerus m</i> NA         | 1 | < -7.5% | > -1% | LOW | POOR   |
| Wasps | <i>Oxybelus a</i> Silver Spi | 0 | < -7.5% | > -1% | LOW | POOR   |
| Wasps | <i>Pemphredon</i> Mournful W | 0 | < -7.5% | > -1% | LOW | POOR   |
| Wasps | <i>Priocnemis</i> NA         | 0 | < -7.5% | > -1% | LOW | POOR   |
| Wasps | <i>Priocnemis</i> NA         | 0 | >-1%    | > -1% | LOW | MEDIUM |
| Wasps | <i>Smicromyrm</i> Small Velv | 0 | >-1%    | > -1% | LOW | MEDIUM |

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| Observed expansion | Projected expansion | Benefit from expansion | Associated confidence | Final outcome    |
|--------------------|---------------------|------------------------|-----------------------|------------------|
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | < +1%               | LOW                    | MEDIUM                | High risk        |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| +4 to +7.5%        | +1 to +4%           | MODERATE               | POOR                  | Medium benefit   |
| +1 to +4%          | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| +1 to +4%          | +4 to +7.5%         | MODERATE               | POOR                  | Medium benefit   |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| > +7.5%            | +4 to +7.5%         | HIGH                   | POOR                  | Risks & benefits |
| > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| > +7.5%            | > +7.5%             | HIGH                   | POOR                  | Medium benefit   |
| +4 to +7.5%        | > +7.5%             | HIGH                   | POOR                  | Medium benefit   |
| < +1%              | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| +1 to +4%          | > +7.5%             | HIGH                   | MEDIUM                | High benefit     |
| +1 to +4%          | > +7.5%             | HIGH                   | POOR                  | High benefit     |
| > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | Risks & benefits |
| > +7.5%            | < +1%               | LOW                    | MEDIUM                | High risk        |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| > +7.5%            | +1 to +4%           | HIGH                   | POOR                  | High benefit     |
| +4 to +7.5%        | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| +4 to +7.5%        | > +7.5%             | HIGH                   | MEDIUM                | High benefit     |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | High benefit     |
| > +7.5%            | < +1%               | HIGH                   | POOR                  | Medium benefit   |
| +1 to +4%          | < +1%               | LOW                    | POOR                  | Limited impact   |
| +1 to +4%          | < +1%               | LOW                    | POOR                  | Limited impact   |
| +1 to +4%          | < +1%               | LOW                    | POOR                  | High risk        |
| > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| > +7.5%            | > +7.5%             | HIGH                   | MEDIUM                | High benefit     |
| > +7.5%            | < +1%               | LOW                    | POOR                  | Medium risk      |
| > +7.5%            | > +7.5%             | VERY HIGH              | MEDIUM                | Risks & benefits |
| > +7.5%            | > +7.5%             | HIGH                   | MEDIUM                | Medium risk      |
| > +7.5%            | < +1%               | LOW                    | POOR                  | Limited impact   |
| > +7.5%            | > +7.5%             | VERY HIGH              | POOR                  | High benefit     |
| > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |
| +1 to +4%          | < +1%               | LOW                    | POOR                  | Limited impact   |
| > +7.5%            | < +1%               | LOW                    | POOR                  | High risk        |

|             |           |           |        |                |
|-------------|-----------|-----------|--------|----------------|
| > +7.5%     | < +1%     | LOW       | POOR   | Medium risk    |
| > +7.5%     | > +7.5%   | VERY HIGH | MEDIUM | High benefit   |
| +4 to +7.5% | < +1%     | LOW       | POOR   | High risk      |
| > +7.5%     | < +1%     | LOW       | POOR   | High risk      |
| +4 to +7.5% | > +7.5%   | VERY HIGH | MEDIUM | High benefit   |
| > +7.5%     | < +1%     | LOW       | POOR   | Limited impact |
| +4 to +7.5% | < +1%     | LOW       | POOR   | Limited impact |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | +1 to +4% | MODERATE  | POOR   | Medium benefit |
| +4 to +7.5% | < +1%     | LOW       | POOR   | High risk      |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | +1 to +4% | HIGH      | MEDIUM | High benefit   |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | > +7.5%   | HIGH      | POOR   | High benefit   |
| +1 to +4%   | < +1%     | LOW       | POOR   | Medium risk    |
| +4 to +7.5% | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | < +1%     | LOW       | POOR   | Medium risk    |
| > +7.5%     | < +1%     | LOW       | POOR   | High risk      |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| +4 to +7.5% | < +1%     | LOW       | POOR   | High risk      |
| > +7.5%     | > +7.5%   | HIGH      | MEDIUM | High benefit   |
| > +7.5%     | > +7.5%   | VERY HIGH | POOR   | High benefit   |
| > +7.5%     | > +7.5%   | VERY HIGH | POOR   | High benefit   |
| > +7.5%     | > +7.5%   | HIGH      | MEDIUM | High benefit   |
| > +7.5%     | > +7.5%   | HIGH      | MEDIUM | High benefit   |
| > +7.5%     | > +7.5%   | VERY HIGH | POOR   | High benefit   |
| > +7.5%     | > +7.5%   | HIGH      | MEDIUM | High benefit   |
| +4 to +7.5% | > +7.5%   | VERY HIGH | MEDIUM | High benefit   |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| +1 to +4%   | < +1%     | LOW       | POOR   | Medium risk    |
| +4 to +7.5% | < +1%     | LOW       | POOR   | High risk      |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| +4 to +7.5% | < +1%     | LOW       | POOR   | Limited impact |
| +1 to +4%   | < +1%     | LOW       | POOR   | High risk      |
| > +7.5%     | > +7.5%   | VERY HIGH | MEDIUM | High benefit   |
| > +7.5%     | > +7.5%   | VERY HIGH | MEDIUM | High benefit   |
| > +7.5%     | > +7.5%   | LOW       | POOR   | High risk      |
| +1 to +4%   | < +1%     | LOW       | POOR   | High risk      |
| +4 to +7.5% | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | < +1%     | MODERATE  | POOR   | High risk      |
| +4 to +7.5% | < +1%     | LOW       | POOR   | High risk      |
| > +7.5%     | > +7.5%   | VERY HIGH | POOR   | High benefit   |
| +1 to +4%   | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | > +7.5%   | HIGH      | MEDIUM | High benefit   |
| +4 to +7.5% | < +1%     | LOW       | POOR   | Limited impact |
| > +7.5%     | > +7.5%   | HIGH      | MEDIUM | High benefit   |

|             |             |           |        |                  |
|-------------|-------------|-----------|--------|------------------|
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | < +1%       | LOW       | POOR   | Medium risk      |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | +4 to +7.5% | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Medium benefit   |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | +1 to +4%   | MODERATE  | MEDIUM | Risks & benefits |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | MODERATE  | POOR   | Medium benefit   |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | Medium risk      |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +1 to +4%   | +4 to +7.5% | MODERATE  | POOR   | Medium benefit   |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | Medium benefit   |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| < +1%       | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |

|             |             |           |        |                  |
|-------------|-------------|-----------|--------|------------------|
| +1 to +4%   | < +1%       | MODERATE  | POOR   | Medium benefit   |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Medium risk      |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +4 to +7.5% | < +1%       | MODERATE  | POOR   | Risks & benefits |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | +1 to +4%   | HIGH      | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | +1 to +4%   | MODERATE  | MEDIUM | Medium benefit   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| +1 to +4%   | +4 to +7.5% | MODERATE  | POOR   | Medium benefit   |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | +4 to +7.5% | MODERATE  | POOR   | Medium benefit   |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | +4 to +7.5% | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | +1 to +4%   | HIGH      | POOR   | Risks & benefits |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| +1 to +4%   | +1 to +4%   | LOW       | MEDIUM | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk      |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | Medium benefit   |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | Medium risk      |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |

|             |             |           |        |                  |
|-------------|-------------|-----------|--------|------------------|
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | +4 to +7.5% | MODERATE  | MEDIUM | Medium benefit   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Risks & benefits |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Medium risk      |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| +4 to +7.5% | +1 to +4%   | MODERATE  | POOR   | Medium risk      |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | Risks & benefits |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Medium risk      |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| < +1%       | < +1%       | LOW       | MEDIUM | Medium risk      |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | MEDIUM | Limited impact   |
| +4 to +7.5% | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |

|             |             |           |        |                  |
|-------------|-------------|-----------|--------|------------------|
| +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| +4 to +7.5% | +4 to +7.5% | HIGH      | MEDIUM | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk      |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +4 to +7.5% | < +1%       | MODERATE  | POOR   | Medium benefit   |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | +1 to +4%   | MODERATE  | MEDIUM | Medium benefit   |
| > +7.5%     | < +1%       | LOW       | POOR   | Medium risk      |
| +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk      |
| < +1%       | < +1%       | LOW       | MEDIUM | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Medium risk      |
| < +1%       | < +1%       | LOW       | GOOD   | High risk        |
| +4 to +7.5% | < +1%       | MODERATE  | POOR   | Medium benefit   |
| < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| +4 to +7.5% | > +7.5%     | HIGH      | POOR   | High benefit     |
| < +1%       | +1 to +4%   | LOW       | POOR   | High risk        |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | MEDIUM | Medium risk      |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Medium benefit   |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Medium risk      |
| +1 to +4%   | > +7.5%     | MODERATE  | POOR   | Risks & benefits |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | Medium risk      |
| > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |



|             |             |           |        |                  |
|-------------|-------------|-----------|--------|------------------|
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | MODERATE  | POOR   | Medium risk      |
| +4 to +7.5% | < +1%       | LOW       | MEDIUM | Medium risk      |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | +1 to +4%   | MODERATE  | POOR   | Medium benefit   |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | +1 to +4%   | MODERATE  | MEDIUM | Medium benefit   |
| < +1%       | < +1%       | LOW       | GOOD   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| < +1%       | > +7.5%     | HIGH      | POOR   | High benefit     |
| < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| < +1%       | > +7.5%     | MODERATE  | POOR   | Risks & benefits |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| < +1%       | > +7.5%     | MODERATE  | POOR   | Medium benefit   |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | > +7.5%     | HIGH      | MEDIUM | Risks & benefits |
| > +7.5%     | +1 to +4%   | HIGH      | POOR   | Risks & benefits |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| < +1%       | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |

|             |             |           |        |                  |
|-------------|-------------|-----------|--------|------------------|
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | Risks & benefits |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | Risks & benefits |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| > +7.5%     | +1 to +4%   | HIGH      | POOR   | Medium risk      |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | +1 to +4%   | MODERATE  | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | +1 to +4%   | HIGH      | POOR   | Medium risk      |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | Risks & benefits |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Risks & benefits |
| > +7.5%     | +1 to +4%   | HIGH      | POOR   | High benefit     |
| > +7.5%     | +4 to +7.5% | HIGH      | POOR   | Medium risk      |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | < +1%       | LOW       | POOR   | High risk        |
| +4 to +7.5% | < +1%       | LOW       | POOR   | Limited impact   |
| +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | MEDIUM | High risk        |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| +1 to +4%   | < +1%       | LOW       | MEDIUM | Limited impact   |
| > +7.5%     | > +7.5%     | HIGH      | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | POOR   | High risk        |
| > +7.5%     | < +1%       | LOW       | POOR   | Limited impact   |
| > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| > +7.5%     | < +1%       | LOW       | MEDIUM | High risk        |
| < +1%       | < +1%       | LOW       | MEDIUM | Medium risk      |
| +1 to +4%   | > +7.5%     | HIGH      | POOR   | Medium benefit   |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| +4 to +7.5% | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | POOR   | High benefit     |
| > +7.5%     | > +7.5%     | VERY HIGH | MEDIUM | High benefit     |
| > +7.5%     | > +7.5%     | HIGH      | MEDIUM | High benefit     |
| +4 to +7.5% | < +1%       | LOW       | POOR   | High risk        |

|         |         |           |        |              |
|---------|---------|-----------|--------|--------------|
| > +7.5% | > +7.5% | VERY HIGH | POOR   | High benefit |
| > +7.5% | > +7.5% | HIGH      | POOR   | High benefit |
| > +7.5% | > +7.5% | VERY HIGH | POOR   | High benefit |
| > +7.5% | > +7.5% | VERY HIGH | MEDIUM | High benefit |
| > +7.5% | > +7.5% | VERY HIGH | MEDIUM | High benefit |
| > +7.5% | > +7.5% | VERY HIGH | MEDIUM | High benefit |