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Supplementary Information

Strengthening the evidence base for temperature-mediated phenological asynchrony and its impacts

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Materials and Methods

Literature Search

We searched the Web of Science Core Collection Database for relevant literature on trophic mismatch using the following search terms in the Basic Search option: "*trophic* *match*" OR "*trophic* *synchr*" OR "*phenolog* *match*" OR "*phenolog* *synchr*" OR "match mismatch hypothesis" OR *phenolog* AND mistim* OR *trophic* AND mistim* OR *phenolog* AND *synchr* AND adapt* AND climat* OR *phenolog* AND *synchr* AND plastic* AND climat* OR *trophic* AND *synchr* AND adapt* AND climat* OR *trophic* AND *synchr* AND plastic* AND climat* OR *trophic* AND *match* AND adapt* AND climat* OR *trophic* AND *match* AND plastic* AND climat*. We then applied the following refining fields: "Ecology", "Marine freshwater biology", "Environmental Sciences", "Entomology" "Oceanography", "Biodiversity Conservation", "Evolutionary Biology", "Multidisciplinary Sciences", "Zoology", "Fisheries", "Forestry", "Plant Sciences", "Biology", "Ornithology", "Limnology". We included all years in our search, and the last search before paper allocation to co-authors was done in November 2018. The search returned 772 papers (Extended Data Fig. 1, Supplementary Table 1). To check how comprehensive this search was, we first checked whether any papers we expected to be in the list were missing. Moreover, all co-authors were asked to add to the list if they found any papers were missing. No additional papers were identified through this process, so we concluded the list was comprehensive. This was the main reason why no additional search engine was used.

Study selection and data extraction

Papers were allocated randomly and approximately equally among participating coauthors. For details of the numbers of papers that were included or excluded from our study at different steps, see Extended Data Fig. 2. We searched for each paper online, and determined whether one or more specific trophic interactions were studied in the paper, and

whether inferences pertaining to any of the five criteria (table 1) could be extracted from it. If no trophic interaction was studied or if none of the five criteria could be extracted, the paper was excluded from the review (n = 663). For the 109 papers that yielded usable data we extracted meta-data, including latitude, longitude, year published, timespan, consumer species, resource species, biome, trophic level of the consumer, and data/results relating to the five criteria (Table 1). We collected data on (1) whether the consumer was a trophic specialist, (2) phenology slopes (days/year, consumer/resource timing, mismatch/year), (3) phenological sensitivity to temperature (days/°C, °C/year, mismatch/°C), (4) fitness consequences studied at the offspring or adult level, and (5) population trends in relation to mismatch. Because fitness consequences of mismatch are studied in widely different ways among fields, we chose to only extract whether the effect of mismatch was significantly positive, undetectable, or significantly negative for the consumer (1/0/-1). We adopted this approach as the main goal of the review was to draw comparisons among a wide range of studies, requiring that we had metrics that were universal. We also excluded meta-analyses, as we were specifically interested to assess the five criteria for unique study systems.

Quality control

General quality checks on the data generated by co-authors were conducted by the first author and involved careful checking for outlying values and different ways of reporting. Moreover, since most species respond to temperature with an advance in phenology, most slopes were expected to be negative. With that in mind, the first author revisited papers that reported positive slopes in the spreadsheet to check that it was a true positive or the result of the omission of a minus sign. This led to the correction of a small number of mistakes. A random subset of papers was revisited and not a single instant of a wrong negative slope was found, making it unlikely that minus signs were accidentally added to positive slopes. Resource and consumer phenology slopes over time and temperature generally had a single measure per trophic level. However, in some cases there was a single resource phenology

slope, but multiple consumer phenology slopes for the same species across a small spatial scale. To avoid pseudoreplication, in those cases we decided to summarize the consumer phenology slopes into one average slope.

Data processing and analysis

We first summarized how often our five criteria were investigated, independent of their effect, to find out which of the five criteria were studied the most and how many criteria have been studied per taxon. To this end, we created a study-by-criterion matrix, in which any cell that had a value for any of the criteria was assigned a 1. The data were then aggregated by biome, trophic level, and taxon, and any number larger than zero was again assigned a 1 (i.e. if the same criterion had been studied multiple times for a certain species), since we were interested in whether a criterion had ever been studied for a taxon, not how often each taxon was studied. Not every taxon was a species, as some studies did not research individual species, but groupings at a higher taxonomic or functional level, for example "zooplankton" or "parasitic wasps". This approach returned a value of 1 or 0 for each taxon for each criterion, after which we summarised the data by biome and trophic level. Results were summarised per trophic level and biome in R version 3.6.2 [97] with the package ggplot2 [98]. Second, to find out how the reaction norms differ among trophic levels and biomes, we plotted all "days / year" and "days / °C" slopes for which both trophic levels were assessed. Third, to investigate how often mismatch is deleterious, we aggregated all data in which fitness (criterion 4) or population consequences (criterion 5) of mismatch had been studied. Since no study documented a positive effect of mismatch, we divided the studies into two categories, "neutral" and "negative". Finally, the data were grouped depending on the unit for which the effect of mismatch was studied: "offspring", "adults" or "populations".

Search Terms

TOPIC: (("trophic* *match*" OR "trophic* *synchr*" OR "phenolog* *match*" OR "phenolog* *synchr*" OR "match mismatch hypothesis" OR *phenolog* AND mistim* OR *trophic* AND mistim* OR *phenolog* AND *synchr* AND adapt* AND climat* OR *phenolog* AND *synchr* AND plastic* AND climat* OR *trophic* AND *synchr* AND adapt* AND climat* OR *trophic* AND *synchr* AND plastic* AND climat* OR *trophic* AND *match* AND adapt* AND climat* OR *trophic* AND *match* AND plastic* AND climat*)

Refined by: WEB OF SCIENCE CATEGORIES=(ECOLOGY OR ENVIRONMENTAL SCIENCES OR MARINE FRESHWATER BIOLOGY OR ENTOMOLOGY OR EVOLUTIONARY BIOLOGY OR OCEANOGRAPHY OR BIODIVERSITY CONSERVATION OR ZOOLOGY OR MULTIDISCIPLINARY SCIENCES OR PLANT SCIENCES OR FORESTRY OR BIOLOGY OR FISHERIES OR METEOROLOGY ATMOSPHERIC SCIENCES OR GENETICS HEREDITY OR ORNITHOLOGY OR AGRONOMY OR GEOSCIENCES MULTIDISCIPLINARY OR ENVIRONMENTAL STUDIES OR LIMNOLOGY)

Databases uses

Timespan=All years. Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC.

Results found	772	paper does not contain a relevant interaction for this review
Sum of the Times Cited	28649	correct topic, but no extractable data for this review
Average Citations per Item	37.11	Full text not accessible
h-index	74	Paper included, data extracted

Supplementary table 1. Papers screened and included/excluded based on above colour coding system.

Observer	Included	Title	Authors	Source Title	Year	Vol	Issue	DOI
Katherine Keogan	0	Integrating models to investigate critical phenological overlaps in complex ecological interactions: The mountain pine beetle-fungus symbiosis	Addison, Audrey; Powell, James A.; Bentz, Barbara J.; Six, Diana L.	JOURNAL OF THEORETICAL BIOLOGY	2015	368		10.1016/j.jtbi.2014.12.011
Kirsty Macphie	0	Terrestrial invertebrates inhabiting lowland river floodplains of Central Amazonia and Central Europe: a review	Adis, J; Junk, WJ	FRESHWATER BIOLOGY	2002	47	4	10.1046/j.1365-2427.2002.00892.x
Emily G. Simmonds	0	Upper thermal limits differ among and within component species in a tritrophic hostparasitoid-hyperparasitoid system	Agosta, Salvatore J.; Joshi, Kanchan A.; Kester, Karen M.	PLOS ONE	2018	13	6	10.1371/journal.pone.0198803
James Pearce-Higgins	0	Impacts of stream riparian buffer land use on water temperature and food availability for fish	Albertson, Lindsey K.; Ouellet, Valerie; Daniels, Melinda D.	JOURNAL OF FRESHWATER ECOLOGY	2018	33	1	10.1080/02705060.2017.1422558
Owen T. Lewis	0	Nutrient addition extends flowering display, which gets tracked by seed predators, but not by their parasitoids	Albrectsen, Benedicte Riber; Ericson, Lars; Lundberg, Per	OIKOS	2008	117	3	10.1111/j.2007.0030-1299.16381.x
Stephen J. Thackeray	0	Phenology, dichogamy, and floral synchronization in a northern red oak (Quercus rubra) seed orchard	Alexander, Lisa W.; Woeste, Keith E.	CANADIAN JOURNAL OF FOREST RESEARCH	2016	46	5	10.1139/cjfr-2015-0312
Jelmer M. Samplonius	0	Spring plant phenology and false springs in the conterminous US during the 21st century	Allstadt, Andrew J.; Vavrus, Stephen J.; Heglund, Patricia J.; Pidgeon, Anna M.; Thogmartin, Wayne E.; Radeloff, Volker C.	ENVIRONMENTAL RESEARCH LETTERS	2015	10	10	10.1088/1748-9326/10/10/104008
Øystein Varpe	0	Water content and reserve allocation patterns within the bulb of the perennial geophyte red squill (Liliaceae) in relation to the Mediterranean climate	Al-Tardeh, Sharaf; Sawidis, Thomas; Dianneildis, Barbara-Evelin; Delivopoulos, Stylianos	BOTANY-BOTANIQUE	2008	86	3	10.1139/B07-130
Christopher Hassall	0	Climatic warming increases voltinism in European butterflies and moths	Altermatt, Florian	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2010	277	1685	10.1098/rspb.2009.1910
Francis Daunt	0	Northern Geometrids and Climate Change: From Abiotic Factors to Trophic Interactions	Ammunet, Tea; Bylund, Helena; Jepsen, Jane U.	CLIMATE CHANGE AND INSECT PESTS	2015	7		
Emily G. Simmonds	0	Community-based vulnerability assessment of Tuktoyaktuk, NWT, Canada to environmental and socio-economic changes	Andrachuk, Mark; Smit, Barry	REGIONAL ENVIRONMENTAL CHANGE	2012	12	4	10.1007/s10113-012-0299-0
James Pearce-Higgins	0	Seasonal and inter-annual scales of variability in phytoplankton assemblages: comparison of phytoplankton dynamics in three peri-alpine lakes over a period of 28 years	Anneville, O; Souissi, S; Gammeter, S; Straile, D	FRESHWATER BIOLOGY	2004	49	1	10.1046/j.1365-2426.2003.01167.x

Jakob J. Assmann	0	Synchronisms and correlations of spring phenology between apical and lateral meristems in two boreal conifers	Antonucci, Serena; Rossi, Sergio; Deslauriers, Annie; Lombardi, Fabio; Marchetti, Marco; Tognetti, Roberto	TREE PHYSIOLOGY	2015	35	10	10.1093/treephys/tpv077
Emily G. Simmonds	0	Seasonal resource acquisition strategies of a facultative specialist herbivore at the edge of its range	Appel, Cara L.; Belamaric, Pairsa N.; Bean, William T.	JOURNAL OF MAMMALOGY	2018	99	5	10.1093/jmammal/gyy079
James Pearce-Higgins	0	Phenotypic plasticity in the timing of reproduction in Andean bears	Appleton, R. D.; Van Horn, R. C.; Noyce, K. V.; Spady, T. J.; Swaisgood, R. R.; Arcese, P.	JOURNAL OF ZOOLOGY	2018	305	3	10.1111/jzo.12553
Albert B. Phillimore	0	Migration Mismatch: Bird Migration and Phenological Mismatching	Argo, Emily E.	AMERICAN BIOLOGY TEACHER	2018	80	7	10.1525/abt.2018.80.7.540
Christopher Hassall	0	Resource waves: phenological diversity enhances foraging opportunities for mobile consumers	Armstrong, Jonathan B.; Takimoto, Gaku; Schindler, Daniel E.; Hayes, Matthew M.; Kauffman, Matthew J.	ECOLOGY	2016	97	5	10.1890/15-0554.1
Jelmer M. Samplonius	0	Climate change impacts on coral reefs: Synergies with local effects, possibilities for acclimation, and management implications	Ateweberhan, Mebrahtu; Feary, David A.; Keshavmurthy, Shashank; Chen, Allen; Schleyer, Michael H.; Sheppard, Charles R. C.	MARINE POLLUTION BULLETIN	2013	74	2	10.1016/j.marpolbul.2013.06.011
Katherine Keogan	0	Climate change is affecting mortality of weasels due to camouflage mismatch	Atmeh, Kamal; Andruszkiewicz, Anna; Zub, Karol	SCIENTIFIC REPORTS	2018	8		10.1038/s41598-018-26057-5
Jacob Johansson	0	Climate change, phenology, and habitat degradation: drivers of gosling body condition and juvenile survival in lesser snow geese	Aubry, Lise M.; Rockwell, Robert F.; Cooch, Evan G.; Brook, Rodney W.; Mulder, Christa P. H.; Koons, David N.	GLOBAL CHANGE BIOLOGY	2013	19	1	10.1111/gcb.12013
Jakob J. Assmann	0	Climatic effects and phenological mismatch in cuckoo-host interactions: a role for host phenotypic plasticity in laying date?	Aviles, Jesus M.; Molina-Morales, Mercedes; Gabriel Martinez, Juan	OIKOS	2014	123	8	10.1111/oik.01124
Dylan Z. Childs	0	Analysis of developmental preformation in the alpine herb Caltha leptosepala (Ranunculaceae)	Aydelotte, AR; Diggle, PK	AMERICAN JOURNAL OF BOTANY	1997	84	12	10.2307/2446462
Jelmer M. Samplonius	0	A scale-aware subgrid model for quasi-geostrophic turbulence	Bachman, Scott D.; Fox-Kemper, Baylor; Pearson, Brodie	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	2017	122	2	10.1002/2016JC012265
Jakob J. Assmann	0	Arctic plants are capable of sustained responses to long-term warming	Barrett, Robert T.; Hollister, Robert D.	POLAR RESEARCH	2016	35		10.3402/polar.v35.25405
Jacob Johansson	0	Hatching asynchrony vs. foraging efficiency: the response to food availability in specialist vs. generalist tit species	Barrientos, R.; Bueno-Enciso, J.; Sanz, J. J.	SCIENTIFIC REPORTS	2016	6		10.1038/srep37750
Francis Daunt	0	Diet breadth of Gynaephora groenlandica (Lepidoptera: Erebidae): is polyphagy greater in alpine versus Arctic populations?	Barrio, I. C.; Hik, D. S.; Liu, J. Y.	CANADIAN ENTOMOLOGIST	2015	147	2	10.4039/tce.2014.35
Katherine Keogan	0	Spring phenology and the response to global warming in gall-inducing sawflies	Barstad, Trond Elling; Nilssen, Arne C.	POLAR BIOLOGY	2015	38	9	10.1007/s00300-015-1712-1
Jelmer M. Samplonius	0	Climate-associated phenological advances in bee pollinators and bee-pollinated plants	Bartomeus, Ignasi; Ascher, John S.; Wagner, David; Danforth, Bryan N.; Colla, Sheila; Kornbluth, Sarah; Winfree, Rachael	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2011	108	51	10.1073/pnas.1115559108
Jelmer M. Samplonius	0	Timing is crucial for consequences of migratory connectivity	Bauer, Silke; Lisovski, Simeon; Hahn, Steffen	OIKOS	2016	125	5	10.1111/oik.02706
Nathalie Pettorelli	0	Clock gene polymorphism, migratory behaviour and geographic distribution: a comparative study of trans-Saharan migratory birds	Bazzi, Gaia; Cecere, Jacopo G.; Caprioli, Manuela; Gatti, Emanuele; Gianfranceschi, Luca; Podofillini, Stefano; Possenti, Cristina D.; Ambrosini, Roberto; Saino, Nicola; Spina, Fernando; Rubolini, Diego	MOLECULAR ECOLOGY	2016	25	24	10.1111/mec.13913

Angus Atkinson	0	Spatial-temporal dynamics of early feeding demand and food supply for sockeye salmon fry in Lake Washington	Beauchamp, DA; Sergeant, CJ; Mazur, MM; Scheuerell, JM; Schindler, DE; Scheuerell, MD; Fresh, KL; Seiler, DE; Quinn, TP	TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY	2004	133	4	10.1577/T03-093.1
Jelmer M. Samplonius	0	Plankton effect on cod recruitment in the North Sea	Beaugrand, G; Brander, KM; Lindley, JA; Souissi, S; Reid, PC	NATURE	2003	426	6967	10.1038/nature02164
Øystein Varpe	0	Mountain Pine Beetle Voltinism and Life History Characteristics across Latitudinal and Elevational Gradients in the Western United States	Beniz, Barbara; Vandygriff, James; Jensen, Camille; Coleman, Tom; Maloney, Patricia; Smith, Sheri; Grady, Amanda; Schen-Langenheim, Greta	FOREST SCIENCE	2014	60	3	10.5849/forsci.13-056
Emily G. Simmonds	0	The Natural History of the South Hills Crossbill in Relation to Its Impending Extinction	Benkman, Craig W.	AMERICAN NATURALIST	2016	188	6	10.1086/688904
Jelmer M. Samplonius	0	Elevational shifts in thermal suitability for mountain pine beetle population growth in a changing climate	Bentz, Barbara J.; Duncan, Jacob P.; Powell, James A.	FORESTRY	2016	89	3	10.1093/forestry/cpv054
Øystein Varpe	0	The timing of life history events in the presence of soft disturbances	Bertacchi, Daniela; Zucca, Fabio; Ambrosini, Roberto	JOURNAL OF THEORETICAL BIOLOGY	2016	389		10.1016/j.jtbi.2015.10.028
Jelmer M. Samplonius	0	Broad implications of southern United States pine clonal forestry on planning and management of forests	Bettinger, P.; Clutter, M.; Siry, J.; Kane, M.; Pait, J.	INTERNATIONAL FORESTRY REVIEW	2009	11	3	10.1505/ifor.11.3.331
Kirsty Macphie	0	How Resource Phenology Affects Consumer Population Dynamics	Bewick, Sharon; Cantrell, R. Stephen; Cosner, Chris; Fagan, William F.	AMERICAN NATURALIST	2016	187	2	10.1086/684432
Angus Atkinson	0	Synchronous flowering despite differences in snowmelt timing among habitats of Empetrum hermaphroditum	Bienau, Miriam J.; Kroencke, Michael; Eiserhardt, Wolf L.; Otte, Annette; Graae, Bente J.; Hagen, Dagmar; Milbau, Ann; Durka, Walter; Eckstein, R. Lutz	ACTA OECOLOGICA-INTERNATIONAL JOURNAL OF ECOLOGY	2015	69		10.1016/j.actao.2015.10.005
Francis Daunt	0	Foraging Potential of Larval Alosines in the Lower Roanoke River and Albemarle Sound, North Carolina	Binion, Samantha M.; Overton, Anthony S.; Riley, Kenneth L.	MARINE AND COASTAL FISHERIES	2012	4	1	10.1080/19425120.2012.675977
Owen T. Lewis	0	Linking nutrient inputs, phytoplankton composition, zooplankton dynamics and the recruitment of pink snapper, Chrysophrys auratus, in a temperate bay	Black, Kerry P.; Longmore, Andrew R.; Hamer, Paul A.; Lee, Randall; Swearer, Stephen E.; Jenkins, Gregory P.	ESTUARINE COASTAL AND SHELF SCIENCE	2016	183		10.1016/j.ecss.2016.10.032
Jelmer M. Samplonius	0	Population ecology of Muggiaea atlantica (Cnidaria, Siphonophora) in the Western English Channel	Blackett, Michael; Lucas, Cathy H.; Harmer, Rachel A.; Licandro, Priscilla	MARINE ECOLOGY PROGRESS SERIES	2015	535		10.3354/meps11423
Jakob J. Assmann	0	Nest-box temperature affects clutch size, incubation initiation, and nestling health in great tits	Bleu, Josefa; Agostini, Simon; Biard, Clotilde	BEHAVIORAL ECOLOGY	2017	28	3	10.1093/beheco/arx039
Kirsty Macphie	0	Resilience of Norway spruce (Picea abies (L.) Karst) growth to changing climatic conditions in Southwest Germany	Boden, Simon; Kahle, Hans-Peter; von Wilpert, Klaus; Spiecker, Heinrich	FOREST ECOLOGY AND MANAGEMENT	2014	315		10.1016/j.foreco.2013.12.015
James Pearce-Higgins	0	Management of crop water under drought: a review	Bodner, Gernot; Nakhforoosh, Alireza; Kaul, Hans-Peter	AGRONOMY FOR SUSTAINABLE DEVELOPMENT	2015	35	2	10.1007/s13593-015-0283-4
Dylan Z. Childs	0	FLUCTUATIONS AND VARIATIONS IN COASTAL MARINE ENVIRONMENTS	BOERO, F	MARINE ECOLOGY-PUBBLICAZIONI DELLA STAZIONE ZOOLOGICA DI NAPOLI I	1994	15	1	10.1111/j.1439-0485.1994.tb00038.x
Albert B. Phillimore	0	The Moran effect and environmental vetoes: phenological synchrony and drought drive seed production in a Mediterranean oak	Bogdziewicz, Michal; Fernandez-Martinez, Marcos; Bonal, Raul; Belmonte, Jordina; Maria Espelta, Josep	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2017	284	1866	10.1098/rspb.2017.1784
Stephen J. Thackeray	0	Masting in wind-pollinated trees: system-specific roles of weather and pollination dynamics in driving seed production	Bogdziewicz, Michal; Szymkowiak, Jakub; Kasprzyk, Idalia; Grewling, Lukasz; Borowski, Zbigniew; Borycka, Katarzyna; Kantorowicz, Wladyslaw; Myszkowska, Dorota; Piotrowicz, Katarzyna; Ziemianin, Monika; Pesendorfer, Mario B.	ECOLOGY	2017	98	10	10.1002/ecy.1951

Stephen J. Thackeray	0	Seasonal foliage changes in the eastern Amazon basin detected from Landsat Thematic Mapper satellite images	Bohlman, SA; Adams, JB; Smith, RO; Peterson, DL	BIOTROPICA	1998	30	3	10.1111/j.1744-7429.1998.tb00072.x
Owen T. Lewis	0	Are mismatches the norm? Timing of flowering, fruiting, dispersal and germination and their fitness effects in Frangula alnus (Rhamnaceae)	Bolmgren, Kjell; Eriksson, Ove	OIKOS	2015	124	5	10.1111/oik.01491
Jelmer M. Samplonius	0	Match or mismatch: the influence of phenology on size-dependent life history and divergence in population structure	Borcherding, Jost; Beeck, Peter; DeAngelis, Donald L.; Scharf, Werner R.	JOURNAL OF ANIMAL ECOLOGY	2010	79	5	10.1111/j.1365-2656.2010.01704.x
Øystein Varpe	0	Recruitment variation in Macoma balthica: a laboratory examination of the match/mismatch hypothesis	Bos, Oscar G.; Philippart, Catharina J. M.; Cadee, Gerhard C.; van der Meer, Jaap	MARINE ECOLOGY PROGRESS SERIES	2006	320		10.3354/meps320207
Jelmer M. Samplonius	0	Avian population consequences of climate change are most severe for long-distance migrants in seasonal habitats	Both, Christiaan; Van Turnhout, Chris A. M.; Bijlsma, Rob G.; Siepel, Henk; Van Strien, Arco J.; Foppen, Ruud P. B.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2010	277	1685	10.1098/rspb.2009.1525
Jelmer M. Samplonius	0	Bottom-up factors contribute to large-scale synchrony in spruce budworm populations	Bouchard, Mathieu; Regniere, Jacques; Therrien, Pierre	CANADIAN JOURNAL OF FOREST RESEARCH	2018	48	3	10.1139/cjfr-2017-0051
Stephen J. Thackeray	0	The role of structural and temporal factors in the architectural development of the mango tree: evidences from simulation	Boudon, F.; Jestin, A.; Briand, A. -S.; Fernique, P.; Lauri, P. -E.; Dambreville, A.; Guedon, Y.; Grechi, I.; Normand, F.	X INTERNATIONAL SYMPOSIUM ON MODELLING IN FRUIT RESEARCH AND ORCHARD MANAGEMENT	2017	1160		10.17660/ActaHortic.2017.1160.12
Jelmer M. Samplonius	0	Soil NO3-leaching during growth of three grass-white-clover mixtures with mineral N applications	Bouman, O. T.; Mazzocca, M. A.; Conrad, C.	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	2010	136	1-2	10.1016/j.agee.2009.11.017
Jakob J. Assmann	0	Synchronized hatch and its ecological significance in rainbow smelt Osmerus mordax in St. Mary's Bay, Newfoundland	Bradbury, IR; Campana, SE; Bentzen, P; Snelgrove, PVR	LIMNOLOGY AND OCEANOGRAPHY	2004	49	6	10.4319/lo.2004.49.6.2310
Albert B. Phillimore	0	Experimental evidence for heritable reproductive time in 2 allochronic populations of pine processionary moth	Branco, Manuela; Paiva, Maria-Rosa; Santos, Helena Maria; Burban, Christian; Kerdelhue, Carole	INSECT SCIENCE	2017	24	2	10.1111/1744-7917.12287
Jelmer M. Samplonius	0	Modelling the timing of plankton production and its effect on recruitment of cod (Gadus morhua)	Brander, KM; Dickson, RR; Shepherd, JG	ICES JOURNAL OF MARINE SCIENCE	2001	58	5	10.1006/jmsc.2001.1086
Emily G. Simmonds	0	Global warming tugs at trophic interactions	Brook, Barry W.	JOURNAL OF ANIMAL ECOLOGY	2009	78	1	10.1111/j.1365-2656.2008.01490.x
Nathalie Pettorelli	0	Food Chain Restoration for Pollinators: Regional Habitat Recovery Strategies Involving Protected Areas of the Southwest	Buckley, Steve; Nabhan, Gary Paul	NATURAL AREAS JOURNAL	2016	36	4	10.3375/043.036.0414
Jelmer M. Samplonius	0	Effects of an asynchronous alien host on a native host-parasitoid system	Budroni, Marcello A.; Loru, Laura; Pantaleoni, Roberto A.; Rustici, Mauro	ECOLOGICAL COMPLEXITY	2018	33		10.1016/j.ecocom.2018.01.001
Kirsty Macphie	0	European springtime temperature synchronises ibex horn growth across the eastern Swiss Alps	Buentgen, Ulf; Liebhold, Andrew; Jenny, Hannes; Mysterud, Atle; Egli, Simon; Nievergelt, Daniel; Stenseth, Nils C.; Bollmann, Kurt	ECOLOGY LETTERS	2014	17	3	10.1111/ele.12231
Angus Atkinson	0	Three decades of multi-dimensional change in global leaf phenology	Buitenwerf, Robert; Rose, Laura; Higgins, Steven I.	NATURE CLIMATE CHANGE	2015	5	4	
Jakob J. Assmann	0	Male reproductive success in Pseudotsuga menziesii (Mirb.) France: the effects of spatial structure and flowering characteristics	Burczyk, JL; Prat, D	HEREDITY	1997	79		10.1038/hdy.1997.210
Øystein Varpe	0	Multiple paths to similar germination behavior in Arabidopsis thaliana	Burghardt, Liana T.; Edwards, Brianne R.; Donohue, Kathleen	NEW PHYTOLOGIST	2016	209	3	10.1111/nph.13685

Stephen J. Thackeray	0	Later at higher latitudes: large-scale variability in seabird breeding timing and synchronicity	Burr, Zofia M.; Varpe, Oystein; Anker-Nilssen, Tycho; Erikstad, Kjell Einar; Descamps, Sebastien; Barrett, Robert T.; Bech, Claus; Christensen-Dalsgaard, Signe; Lorentsen, Svein-Hakon; Moe, Borge; Reiertsen, Tone Kristin; Strom, Hallvard	ECOSPHERE	2016	7	5	10.1002/ecs2.1283
Øystein Varpe	0	The importance of variable timing and abundance of prey for fish larval recruitment	Burrow, Jennifer F.; Horwood, Joe W.; Pitchford, Jon W.	JOURNAL OF PLANKTON RESEARCH	2011	33	8	10.1093/plankt/fbr015
Jamie C. Weir	0	EARLY BUD-BREAK1 (EBB1) defines a conserved mechanism for control of bud-break in woody perennials	Busov, Victor; Carneros, Elena; Yakovlev, Igor	PLANT SIGNALING & BEHAVIOR	2016	11	2	10.1080/15592324.2015.1073873
Stephen J. Thackeray	0	Advancement of spring arrival in a long-term study of a passerine bird: sex, age and environmental effects	Cadahia, Luis; Labra, Antonieta; Knudsen, Endre; Nilsson, Anna; Lampe, Helene M.; Slagsvold, Tore; Stenseth, Nils Chr.	OECOLOGIA	2017	184	4	10.1007/s00442-017-3922-4
James Pearce-Higgins	0	Trophic Ecology of Benthic Marine Invertebrates with Bi-Phasic Life Cycles: What Are We Still Missing?	Calado, Ricardo; Leal, Miguel Costa	ADVANCES IN MARINE BIOLOGY, VOL 71	2015	71		10.1016/bs.amb.2015.07.001
Angus Atkinson	0	A koinobiont parasitoid mediates competition and generates additive mortality in healthy host populations	Cameron, TC; Wearing, HJ; Rohani, P; Sait, SM	OIKOS	2005	110	3	10.1111/j.0030-1299.2005.13964.x
Christopher Hassall	0	Phenological relationships between two insect galls and their host plants: Aspidosperma australe and A. spruceanum (Apocynaceae)	Campos, Priscila Tolentino; Dias Costa, Maria Cecilia; dos Santos Isaias, Rosy Mary; Franco Pinheiro Moreira, Ana Silvia; de Oliveira, Denis Coelho; de Lemos-Filho, Jose Pires	ACTA BOTANICA BRASILICA	2010	24	3	10.1590/S0102-33062010000300016
Jamie C. Weir	0	Reproductive phenology and conception synchrony in a natural wild boar population	Canu, A.; Scandura, M.; Merli, E.; Chirichella, R.; Bottero, E.; Chianucci, F.; Cutini, A.; Apollonio, M.	HYSTRIX-ITALIAN JOURNAL OF MAMMALOGY	2015	26	2	10.4404/hystrix-26.2-11324
Øystein Varpe	0	Experimental warming in the field delays phenology and reduces body mass, fat content and survival: Implications for the persistence of a pollinator under climate change	CaraDonna, Paul J.; Cunningham, James L.; Iler, Amy M.	FUNCTIONAL ECOLOGY	2018	32	10	10.1111/1365-2435.13151
Jakob J. Assmann	0	Shifts in flowering phenology reshape a subalpine plant community	CaraDonna, Paul J.; Iler, Amy M.; Inouye, David W.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2014	111	13	10.1073/pnas.1323073111
Kirsty Macphie	0	Micro-climatic controls and warming effects on flowering time in alpine snowbeds	Carbognani, Michele; Bernareggi, Giulietta; Perucco, Francesco; Tomaselli, Marcello; Petraglia, Alessandro	OECOLOGIA	2016	182	2	10.1007/s00442-016-3669-3
James Pearce-Higgins	0	Climate Change, Extinction Risks, and Reproduction of Terrestrial Vertebrates	Carey, Cynthia	REPRODUCTIVE SCIENCES IN ANIMAL CONSERVATION: PROGRESS AND PROSPECTS	2014	753		10.1007/978-1-4939-0820-2_3
Owen T. Lewis	0	Causes of variation in wild bee responses to anthropogenic drivers	Cariveau, Daniel P.; Winfree, Rachael	CURRENT OPINION IN INSECT SCIENCE	2015	10		10.1016/j.cois.2015.05.004
Jelmer M. Samplonius	0	Phenological Diversity of Salmon Smolt Migration Timing within a Large Watershed	Carr-Harris, Charmaine N.; Moore, Jonathan W.; Gottesfeld, Allen S.; Gordon, Jennifer A.; Shepert, William M.; Henry, James D. J., Jr.; Russell, Harvey J.; Helin, Wade N. B.; Doolan, David J.; Beacham, Terry D.	TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY	2018	147	5	10.1002/tafs.10068
Jelmer M. Samplonius	0	Manfreda occidentalis (Agavoideae, Asparagaceae) a new species from western Mexico	Castro-Castro, Arturo; Munguia-Lino, Guadalupe; Carrillo-Reyes, Pablo; Rodriguez, Aaron	PHYTOTAXA	2017	321	1	10.11646/phytotaxa.321.1.2
Owen T. Lewis	0	Inter- and intraspecific differences in climatically mediated phenological change in coexisting Triturus species	Chadwick, EA; Slater, FM; Ormerod, SJ	GLOBAL CHANGE BIOLOGY	2006	12	6	10.1111/j.1365-2486.2006.01156.x
Jacob Johansson	0	Modelling population redistribution in a leaf beetle: an evaluation of alternative dispersal functions	Chapman, Daniel S.; Dytham, Calvin; Oxford, Geoff S.	JOURNAL OF ANIMAL ECOLOGY	2007	76	1	10.1111/j.1365-2656.2006.01172.x

James Pearce-Higgins	0	Water Level Fluctuations Influence Wading Bird Prey Availability and Nesting in a Subtropical Lake Ecosystem	Chastant, Jennifer E.; Gawlik, Dale E.	WATERBIRDS	2018	41	1	
Owen T. Lewis	0	Latitudinal effects on phenology near the northern limit of figs in China	Chen, Huanhuan; Zhang, Yuan; Peng, Yanqiong; Corlett, Richard T.	SCIENTIFIC REPORTS	2018	8		10.1038/s41598-018-22548-7
Dylan Z. Childs	0	A spatiotemporal pattern analysis of potential mountain pine beetle emergence in British Columbia, Canada	Chen, Huapeng; Jackson, Peter L.; Ott, Peter K.; Spittlehouse, David L.	FOREST ECOLOGY AND MANAGEMENT	2015	337		10.1016/j.foreco.2014.10.034
Emily G. Simmonds	0	Migration phenology and seasonal fidelity of an Arctic marine predator in relation to sea ice dynamics	Cherry, Seth G.; Derocher, Andrew E.; Thiemann, Gregory W.; Lunn, Nicholas J.	JOURNAL OF ANIMAL ECOLOGY	2013	82	4	10.1111/1365-2656.12050
Angus Atkinson	0	Starvation percentages in field caught Sardina pilchardus larvae off southern Portugal	Chicharo, MA	SCIENTIA MARINA	1997	61	4	
Emily G. Simmonds	0	Effects of zooplankton spatial variation on growth of larval striped bass: An experimental approach	Chick, JH; Van den Avyle, MJ	TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY	1999	128	2	10.1577/1548-8659(1999)128<0339:EOZSVO>2.0.CO;2
Jacob Johansson	0	Zooplankton variability and larval striped bass foraging: Evaluating potential match/mismatch regulation	Chick, JH; Van den Avyle, MJ	ECOLOGICAL APPLICATIONS	1999	9	1	
Francis Daunt	0	The evolution of labile traits in sex- and age-structured populations	Childs, Dylan Z.; Sheldon, Ben C.; Rees, Mark	JOURNAL OF ANIMAL ECOLOGY	2016	85	2	10.1111/1365-2656.12483
Albert B. Phillimore	0	Mismatch between marine plankton range movements and the velocity of climate change	Chivers, William J.; Walne, Anthony W.; Hays, Graeme C.	NATURE COMMUNICATIONS	2017	8		10.1038/ncomms14434
Kirsty Macphie	0	Spawning Aggregations in Reef Fishes; Ecological and Evolutionary Processes	Choat, John Howard	REEF FISH SPAWNING AGGREGATIONS: BIOLOGY, RESEARCH AND MANAGEMENT	2012	35		10.1007/978-94-007-1980-4_4
Nathalie Pettorelli	0	Can facilitation influence the spatial genetics of the beneficiary plant population?	Clara Castellanos, Maria; Donat-Caerols, Santiago; Gonzalez-Martinez, Santiago C.; Verdu, Miguel	JOURNAL OF ECOLOGY	2014	102	5	10.1111/1365-2745.12278
Jelmer M. Samplonius	0	Complex seasonal patterns of primary producers at the land-sea interface	Cloern, James E.; Jassby, Alan D.	ECOLOGY LETTERS	2008	11	12	10.1111/j.1461-0248.2008.01244.x
Owen T. Lewis	0	Evolution Stabilises the Synchronising Dynamics of Poikilotherm Life Cycles	Cobbold, C. A.; Powell, J. A.	BULLETIN OF MATHEMATICAL BIOLOGY	2011	73	5	10.1007/s11538-010-9552-1
Katherine Keogan	0	Monitoring intra-annual dynamics of wood formation with microcores and dendrometers in Picea abies at two different altitudes	Cocozza, Claudia; Palombo, Caterina; Tognetti, Roberto; La Porta, Nicola; Anichini, Monica; Giovannelli, Alessio; Emiliani, Giovanni	TREE PHYSIOLOGY	2016	36	7	10.1093/treephys/tpw009
Jelmer M. Samplonius	0	Seedlings and ramets recruitment in two rhizomatous species of Rupestrian grasslands: Leiothrix curvifolia var. lanuginosa and Leiothrix crassifolia (Eriocaulaceae)	Coelho, Flavia Freitas; Capelo, Christina; Figueira, Jose Eugenio C.	FLORA	2008	203	2	10.1016/j.flora.2007.02.005
Jamie C. Weir	0	Predicting bird phenology from space: satellite-derived vegetation green-up signal uncovers spatial variation in phenological synchrony between birds and their environment	Cole, Ella F.; Long, Peter R.; Zelazowski, Przemyslaw; Szulkin, Marta; Sheldon, Ben C.	Ecology and Evolution	2015	5	21	10.1002/ece3.1745
Malcolm D. Burgess	0	The shifting phenological landscape: Within- and between-species variation in leaf emergence in a mixed-deciduous woodland	Cole, Ella F.; Sheldon, Ben C.	ECOLOGY AND EVOLUTION	2017	7	4	10.1002/ece3.2718
Jelmer M. Samplonius	0	Phenological synchrony of Eustenopus villosus (Coleoptera : Curculionidae) with Centaurea solstitialis in Idaho	Connett, JF; Wilson, LM; McCaffrey, JP; Harmon, BL	ENVIRONMENTAL ENTOMOLOGY	2001	30	2	10.1603/0046-225X-30.2.439

Albert B. Phillimore	0	CLIMATE, COPEPODS AND COD - SOME THOUGHTS ON THE LONG-RANGE PROSPECTS FOR A SUSTAINABLE NORTHERN COD FISHERY	CONOVER, RJ; WILSON, S; HARDING, GCH; VASS, WP	CLIMATE RESEARCH	1995	5	1	10.3354/cr005069
Jamie C. Weir	0	Feeding of anchovy Engraulis encrasicolus larvae in the northwestern Adriatic Sea in response to changing hydrobiological conditions	Conway, DVP; Coombs, SH; Smith, C	MARINE ECOLOGY PROGRESS SERIES	1998	175		10.3354/meps175035
Owen T. Lewis	0	Carbon content and nutritional condition of sardine larvae (Sardina pilchardus) off the Atlantic coast of Spain	Coombs, SH; Conway, DVP; Morley, SA; Halliday, NC	MARINE BIOLOGY	1999	134	2	10.1007/s002270050553
Øystein Varpe	0	Using life-history traits to explain bird population responses to changing weather variability	Cormont, Anouk; Vos, Claire C.; van Turnhout, Chris A. M.; Foppen, Ruud P. B.; ter Braak, Cajo J. F.	CLIMATE RESEARCH	2011	49	1	10.3354/cr01007
Malcolm D. Burgess	0	The use of CPR data in fisheries research	Corten, A; Lindley, JA	PROGRESS IN OCEANOGRAPHY	2003	58	2-4	10.1016/j.pocean.2003.08.008
Angus Atkinson	0	Preliminary insight into the relationship between environmental factors and the nutritional condition and growth of Gilchristella aestuaria larvae in the upper reaches of South African estuaries	Costalago, David; Strydom, Nadine; Frost, Carminita; Clemmesen, Catriona	ENVIRONMENTAL BIOLOGY OF FISHES	2015	98	12	10.1007/s10641-015-0447-8
Dylan Z. Childs	0	Variable host phenology does not pose a barrier to invasive weevils in a northern hardwood forest	Coyle, David R.; Mattson, William J., Jr.; Jordan, Michelle S.; Raffa, Kenneth F.	AGRICULTURAL AND FOREST ENTOMOLOGY	2012	14	3	10.1111/j.1461-9563.2012.00567.x
Jacob Johansson	0	Life-history traits in a parasitoid dipteran species with free-living and obligate parasitic immature stages	Crespo, Jose E.; Castelo, Marcela K.	PHYSIOLOGICAL ENTOMOLOGY	2010	35	2	10.1111/j.1365-3032.2010.00727.x
Jelmer M. Samplonius	0	The impact of climate change on birds	Crick, HQP	IBIS	2004	146		10.1111/j.1474-919X.2004.00327.x
James Pearce-Higgins	0	Mating system and gene flow of Nothofagus alpina (Poepp. & Endl.) Oerst. in a clonal seed orchard	Cruzatty, Luz Cecilia Garcia; Riegel, Ricardo; Rivero, Magaly; Carrasco, Judith; Droppelmann, Fernando	NEW ZEALAND JOURNAL OF FORESTRY SCIENCE	2017	47		10.1186/s40490-017-0094-2
Jelmer M. Samplonius	0	PLANKTON PRODUCTION AND YEAR-CLASS STRENGTH IN FISH POPULATIONS - AN UPDATE OF THE MATCH MISMATCH HYPOTHESIS	CUSHING, DH	ADVANCES IN MARINE BIOLOGY	1990	26		10.1016/S0065-2881(08)60202-3
Christopher Hassall	0	Deciphering structural and temporal interplays during the architectural development of mango trees	Dambreville, Anaelle; Lauri, Pierre-Eric; Trottier, Catherine; Guedon, Yann; Normand, Frederic	JOURNAL OF EXPERIMENTAL BOTANY	2013	64	8	10.1093/jxb/ert105
Jakob J. Assmann	0	Escape of spring frost and disease through phenological variations in oak populations along elevation gradients	Dantec, Cecile Francoise; Ducasse, Hugo; Capdevielle, Xavier; Fabreguettes, Olivier; Delzon, Sylvain; Desprez-Loustau, Marie-Laure	JOURNAL OF ECOLOGY	2015	103	4	10.1111/1365-2745.12403
Jelmer M. Samplonius	0	Relaxed selection when you least expect it: why declining bird populations might fail to respond to phenological mismatches	Day, Emma; Kokko, Hanna	OIKOS	2015	124	1	10.1111/oik.01340
Jamie C. Weir	0	The role of the generally unrecognised microprey source as food for larval fish in the Irish Sea	de Figueiredo, GM; Nash, RDM; Montagnes, DJS	MARINE BIOLOGY	2005	148	2	10.1007/s00227-005-0088-0
Jelmer M. Samplonius	0	Phenological synchronization disrupts trophic interactions between Kodiak brown bears and salmon	Deacy, William W.; Armstrong, Jonathan B.; Leacock, William B.; Robbins, Charles T.; Gustine, David D.; Ward, Eric J.; Erlenbach, Joy A.; Stanford, Jack A.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2017	114	39	10.1073/pnas.1705248114

Albert B. Phillimore	0	Are early blooming, specialist plants more susceptible to phenological mismatch in changing climates?	Depaolo, S. E.; Tronstad, L.; Dillon, M. E.	INTEGRATIVE AND COMPARATIVE BIOLOGY	2015	55		
Malcolm D. Burgess	0	Linking oceanographic conditions, migratory schedules and foraging behaviour during the non-breeding season to reproductive performance in a long-lived seabird	Desprez, Marine; Jenouvrier, Stephanie; Barbraud, Christophe; Delord, Karine; Weimerskirch, Henri	FUNCTIONAL ECOLOGY	2018	32	8	10.1111/1365-2435.13117
Owen T. Lewis	0	Are plant pathogen populations adapted for encounter with their host? A case study of phenological synchrony between oak and an obligate fungal parasite along an altitudinal gradient	Desprez-Loustau, M. -L.; Vitasse, Y.; Delzon, S.; Capdevielle, X.; Marcais, B.; Kremer, A.	JOURNAL OF EVOLUTIONARY BIOLOGY	2010	23	1	10.1111/j.1420-9101.2009.01881.x
Stephen J. Thackeray	0	PREDICTED CHANGES IN THE SYNCHRONY OF LARVAL EMERGENCE AND BUDBURST UNDER CLIMATIC WARMING	DEWAR, RC; WATT, AD	OECOLOGIA	1992	89	4	10.1007/BF00317163
Øystein Varpe	0	Climate change and phenological asynchrony	Dixon, AFG	ECOLOGICAL ENTOMOLOGY	2003	28	3	10.1046/j.1365-2311.2003.00509.x
Jamie C. Weir	0	Temperature, Seasonal Development and Distribution of Insects with Particular Reference to Aphids	Dixon, Anthony F. G.; Hopkins, Graham W.	APHID BIODIVERSITY UNDER ENVIRONMENTAL CHANGE: PATTERNS AND PROCESSES	2010			10.1007/978-90-481-8601-3_8
Dylan Z. Childs	0	Genetic diversity increases regional variation in phenological dates in response to climate change	Doi, Hideyuki; Takahashi, Mayumi; Katano, Izumi	GLOBAL CHANGE BIOLOGY	2010	16	1	10.1111/j.1365-2486.2009.01993.x
Øystein Varpe	0	Broad-scale satellite Normalized Difference Vegetation Index data predict plant biomass and peak date of nitrogen concentration in Arctic tundra vegetation	Doiron, Madeleine; Legagneux, Pierre; Gauthier, Gilles; Levesque, Esther	APPLIED VEGETATION SCIENCE	2013	16	2	10.1111/j.1654-109X.2012.01219.x
Jelmer M. Samplonius	0	Applying developmental threshold models to evolutionary ecology	Donohue, Kathleen; Burghardt, Liana T.; Runcie, Daniel; Bradford, Kent J.; Schmitt, Johanna	TRENDS IN ECOLOGY & EVOLUTION	2015	30	2	10.1016/j.tree.2014.11.008
Øystein Varpe	0	The role of microscale turbulence in the feeding ecology of larval fish	Dower, JF; Miller, TJ; Leggett, WC	ADVANCES IN MARINE BIOLOGY, VOL 31	1997	31		10.1016/S0065-2881(08)60223-0
Angus Atkinson	0	Using patch studies to link mesoscale patterns of feeding and growth in larval fish to environmental variability	Dower, JF; Pepin, P; Leggett, WC	FISHERIES OCEANOGRAPHY	2002	11	4	10.1046/j.1365-2419.2002.00197.x
Jelmer M. Samplonius	0	Timing and abundance as key mechanisms affecting trophic interactions in variable environments	Durant, JM; Hjermann, DO; Anker-Nilssen, T; Beaugrand, G; Mysterud, A; Pettorelli, N; Stenseth, NC	ECOLOGY LETTERS	2005	8	9	10.1111/j.1461-0248.2005.00798.x
Kirsty Macphie	0	Ocean climate prior to breeding affects the duration of the nestling period in the Atlantic puffin	Durant, Joel M.; Anker-Nilssen, Tycho; Stenseth, Nils Chr	BIOLOGY LETTERS	2006	2	4	10.1098/rsbl.2006.0520
Jacob Johansson	0	Extension of the match-mismatch hypothesis to predator-controlled systems	Durant, Joel M.; Hjermann, Dag O.; Falkenhaug, Tone; Gifford, Dian J.; Naustvoll, Lars-Johan; Sullivan, Barbara K.; Beaugrand, Gregory; Stenseth, Nils Chr.	MARINE ECOLOGY PROGRESS SERIES	2013	474		10.3354/meps10089
Jelmer M. Samplonius	0	Climate and the match or mismatch between predator requirements and resource availability	Durant, Joel M.; Hjermann, Dag O.; Ottersen, Geir; Stenseth, Nils Chr.	CLIMATE RESEARCH	2007	33	3	10.3354/cr033271
James Pearce-Higgins	0	REPRODUCTION OF THE CORTES GEODUCK PANOPEA GLOBOSA (BIVALVIA: HIATELLIDAE) AND ITS RELATIONSHIP WITH TEMPERATURE AND OCEAN PRODUCTIVITY	Eduardo Calderon-Aguilera, Luis; Alberto Aragon-Noriega, Eugenio; Reyes-Bonilla, Hector; Guadalupe Paniagua-Chavez, Carmen; Eugenia Romo-Curiel, Alfonsina; Manuel Moreno-Rivera, Victor	JOURNAL OF SHELLFISH RESEARCH	2010	29	1	10.2983/035.029.0107

Jelmer M. Samplonius	0	Impact of climate change on marine pelagic phenology and trophic mismatch	Edwards, M; Richardson, AJ	NATURE	2004	430	7002	10.1038/nature02808
Kirsty Macphie	0	Climate Change and Biological Control in Agricultural Systems: Principles and Examples from North America	Eigenbrode, Sanford D.; Davis, Thomas S.; Crowder, David W.	CLIMATE CHANGE AND INSECT PESTS	2015	7		
Øystein Varpe	0	EVALUATION OF THE TREE-IMPROVEMENT DELIVERY SYSTEM - FACTORS AFFECTING GENETIC POTENTIAL	ELKASSABY, YA	TREE PHYSIOLOGY	1995	15	7-8	10.1093/treephys/15.7-8.545
James Pearce-Higgins	0	The effect of temperature on predation rates of a fish (Gasterosteus aculeatus) and a jellyfish (Aurelia aurita) on larval capelin (Mallotus villosus)	Elliott, JK; Leggett, WC	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	1996	53	6	10.1139/cjfas-53-6-1393
Jelmer M. Samplonius	0	Spawning of plaice Pleuronectes platessa L around the Isle of Man, Irish Sea	Ellis, T; Nash, RDM	ICES JOURNAL OF MARINE SCIENCE	1997	54	1	10.1006/jmsc.1996.0177
Nathalie Pettorelli	0	Enhanced frugivory on invasive Silene latifolia in its native range due to increased oviposition	Elzinga, Jelmer A.; Bernasconi, Giorgina	JOURNAL OF ECOLOGY	2009	97	5	10.1111/j.1365-2745.2009.01534.x
Nathalie Pettorelli	0	Shifts in vegetation phenology along flyways entail varying risks of mistiming in a migratory songbird	Emmenegger, Tamara; Hahn, Steffen; Arlettaz, Raphael; Amrhein, Valentin; Zehtindjiev, Pavel; Bauer, Silke	ECOSPHERE	2016	7	6	10.1002/ecs2.1385
Jelmer M. Samplonius	0	Thriving with water: Developments in amphibious architecture in North America	English, Elizabeth; Klink, Natasha; Turner, Scott	3RD EUROPEAN CONFERENCE ON FLOOD RISK MANAGEMENT (FLOODRISK 2016)	2016	7		10.1051/e3sconf/20160713009
Øystein Varpe	0	Of moths and moon: complicated phenological mismatch in a nocturnal aerial insectivore	English, P. A.; Nocera, J. J.; Green, D. J.	INTEGRATIVE AND COMPARATIVE BIOLOGY	2017	57		
Jelmer M. Samplonius	0	Phenology research for natural resource management in the United States	Enquist, Carolyn A. F.; Kellermann, Jherime L.; Gerst, Katharine L.; Miller-Rushing, Abraham J.	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	2014	58	4	10.1007/s00484-013-0772-6
Francis Daunt	0	Silicate availability, vertical mixing and grazing control of phytoplankton blooms in mesocosms	Escaravage, V; Prins, TC	HYDROBIOLOGIA	2002	484	1-3	10.1023/A:1021344702895
Angus Atkinson	0	Bud phenology and growth are subject to divergent selection across a latitudinal gradient in Populus angustifolia and impact adaptation across the distributional range and associated arthropods	Evans, Luke M.; Kaluthota, Sobadini; Pearce, David W.; Allan, Gerard J.; Floate, Kevin; Rood, Stewart B.; Whitham, Thomas G.	ECOLOGY AND EVOLUTION	2016	6	13	10.1002/ece3.2222
Jakob J. Assmann	0	Sensitivity of plant-pollinator-herbivore communities to changes in phenology	Fabina, Nicholas S.; Abbott, Karen C.; Gilman, R. Tucker	ECOLOGICAL MODELLING	2010	221	3	10.1016/j.ecolmodel.2009.10.020
Christopher Hassall	0	Phenologically explicit models for studying plant-pollinator interactions under climate change	Fagan, William F.; Bewick, Sharon; Cantrell, Steve; Cosner, Chris; Varassin, Isabela Galarda; Inouye, David W.	THEORETICAL ECOLOGY	2014	7	3	10.1007/s12080-014-0218-8
Jelmer M. Samplonius	0	Does inter-plant variation in sprouting time affect the growth/reproduction trade-off and herbivory in a tropical tree species?	Fagundes, Marcilio; Xavier, Renata C.; Ramos, Leticia F. L.; Siqueira, Walisson K.; Reis-Junior, Ronaldo; Souza, Matheus L.	Acta Botanica Brasilica	2016	30	4	10.1590/0102-33062016abb0236
Jelmer M. Samplonius	0	Genetic variation in aspen phytochemical patterns structures windows of opportunity for gypsy moth larvae	Falk, Michael A.; Lindroth, Richard L.; Keefover-Ring, Ken; Raffa, Kenneth F.	OECOLOGIA	2018	187	2	10.1007/s00442-018-4160-0
Stephen J. Thackeray	0	Northern geometrid forest pests (Lepidoptera: Geometridae) hatch at lower temperatures than their southern conspecifics: Implications of climate change	Falt-Nardmann, Julia; Klemola, Tero; Roth, Mechthild; Ruohomaki, Kai; Saikkonen, Kari	EUROPEAN JOURNAL OF ENTOMOLOGY	2016	113		10.14411/eje.2016.043

Jamie C. Weir	0	Zooplankton seasonality across a latitudinal gradient in the Northeast Atlantic Shelves Province	Fanjul, Alvaro; Iriarte, Arantza; Villate, Fernando; Uriarte, Ibon; Atkinson, Angus; Cook, Kathryn	CONTINENTAL SHELF RESEARCH	2018	160		10.1016/j.csr.2018.03.009
Øystein Varpe	0	New insights into plants co-existence in species-rich communities: The pollination interaction perspective	Fantinato, Edy; Del Vecchio, Silvia; Giovanetti, Manuela; Acosta, Alicia Teresa Rosario; Buffa, Gabriella	JOURNAL OF VEGETATION SCIENCE	2018	29	1	10.1111/jvs.12592
Christopher Hassall	0	The Phenology and Spatial Distribution of Cavity-Nesting Hymenoptera and Their Parasitoids in a California Oak-Chaparral Landscape Mosaic	Farzan, Shahla; Whitney, James A.; Yang, Louie H.	AMERICAN MIDLAND NATURALIST	2017	177	1	10.1674/0003-0031-177.1.84
Jelmer M. Samplonius	0	Experimental shifts in phenology affect fitness, foraging, and parasitism in a native solitary bee	Farzan, Shahla; Yang, Louie H.	ECOLOGY	2018	99	10	10.1002/ecy.2475
Nathalie Pettorelli	0	Modelling growth and ingestion processes in herring Clupea harengus larvae	Fiksen, O; Folkvord, A	MARINE ECOLOGY PROGRESS SERIES	1999	184		10.3354/meps184273
Jacob Johansson	0	Model of optimal behaviour in fish larvae predicts that food availability determines survival, but not growth	Fiksen, Oyvind; Jorgensen, Christian	MARINE ECOLOGY PROGRESS SERIES	2011	432		10.3354/meps09148
Jelmer M. Samplonius	0	Carry-over effects from passage regions are more important than breeding climate in determining the breeding phenology and performance of three avian migrants of conservation concern	Finch, Tom; Pearce-Higgins, James W.; Leech, D. I.; Evans, Karl L.	BIODIVERSITY AND CONSERVATION	2014	23	10	10.1007/s10531-014-0731-5
Jakob J. Assmann	0	Social carry-over effects underpin trans-seasonally linked structure in a wild bird population	Firth, Josh A.; Sheldon, Ben C.	ECOLOGY LETTERS	2016	19	11	10.1111/ele.12669
Albert B. Phillimore	0	Forest-insect defoliator interaction in Canada's forests in a warming climate	Fleming, RA	FRONTIERS OF POPULATION ECOLOGY	1996			
Malcolm D. Burgess	0	Drought-triggered western spruce budworm outbreaks in the interior Pacific Northwest: A multi-century dendrochronological record	Flower, A.; Gavin, D. G.; Heyerdahl, E. K.; Parsons, R. A.; Cohn, G. M.	FOREST ECOLOGY AND MANAGEMENT	2014	324		10.1016/j.foreco.2014.03.042
Francis Daunt	0	Timing is everything? Phenological synchrony and population variability in leaf-chewing herbivores of Quercus	Forkner, Rebecca E.; Marquis, Robert J.; Lill, John T.; Le Corff, Josiane	ECOLOGICAL ENTOMOLOGY	2008	33	2	10.1111/j.1365-2311.2007.00976.x
Øystein Varpe	0	An examination of synchrony between insect emergence and flowering in Rocky Mountain meadows	Forrest, Jessica R. K.; Thomson, James D.	ECOLOGICAL MONOGRAPHS	2011	81	3	10.1890/10-1885.1
Jelmer M. Samplonius	0	Toward a synthetic understanding of the role of phenology in ecology and evolution	Forrest, Jessica; Miller-Rushing, Abraham J.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2010	365	1555	10.1098/rstb.2010.0145
Stephen J. Thackeray	0	Impact of freshwater on a subarctic coastal ecosystem under seasonal sea ice (southeastern Hudson Bay, Canada) .3. Feeding success of marine fish larvae	Fortier, L; Gilbert, M; Ponton, D; Ingram, RG; Robineau, B; Legendre, L	JOURNAL OF MARINE SYSTEMS	1996	7	2-4	10.1016/0924-7963(95)00005-4
Francis Daunt	0	Spatial dynamics of a gypsy moth defoliation outbreak and dependence on habitat characteristics	Foster, Jane R.; Townsend, Philip A.; Mladenoff, David J.	LANDSCAPE ECOLOGY	2013	28	7	10.1007/s10980-013-9879-8
Katherine Keogan	0	Phenological Asynchronization as a Restrictive Factor of Efficient Pollination in Clonal Seed Orchads of Pedunculate Oak (Quercus robur L.)	Franjic, Jozo; Sever, Krunoslav; Bogdan, Sasa; Skvorc, Zeljko; Krstonosic, Daniel; Aleskovic, Ivana	CROATIAN JOURNAL OF FOREST ENGINEERING	2011	32	1	

Jelmer M. Samplonius	0	ENVIRONMENTAL-REGULATION OF GROWTH-RATE, EFFICIENCY, AND SWIMMING PERFORMANCE IN LARVAL CAPELIN (MALLOTUS-VILLOSUS), AND ITS APPLICATION TO THE MATCH MISMATCH HYPOTHESIS	FRANK, KT; LEGGETT, WC	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	1982	39	5	10.1139/f82-098
Jelmer M. Samplonius	0	Heated communities: large inter- and intraspecific variation in heat tolerance across trophic levels of a soil arthropod community	Franken, Oscar; Huizinga, Milou; Ellers, Jacintha; Berg, Matty P.	OECOLOGIA	2018	186	2	10.1007/s00442-017-4032-z
James Pearce-Higgins	0	Assessing intraspecific phenological synchrony in zoochorous trees from the monsoon forests of northern Australia	Franklin, Donald C.; Bach, Christine S.	JOURNAL OF TROPICAL ECOLOGY	2006	22		10.1017/S0266467406003300
Jelmer M. Samplonius	0	Flow regime affects availability of native and nonnative prey of an endangered predator	Franssen, Nathan R.; Gido, Keith B.; Propst, David L.	BIOLOGICAL CONSERVATION	2007	138	3-4	10.1016/j.biocon.2007.04.028
Øystein Varpe	0	Synchrony's double edge: transient dynamics and the Allee effect in stage structured populations	Friedenberg, Nicholas A.; Powell, James A.; Ayres, Matthew P.	ECOLOGY LETTERS	2007	10	7	10.1111/j.1461-0248-2007.01048.x
Christopher Hassall	0	Thermal Phenological Factors Affecting the Survival of Atlantic Salmon in the Gulf of Maine	Friedland, Kevin D.; Manning, James P.; Link, Jason S.	ADVANCING AN ECOSYSTEM APPROACH IN THE GULF OF MARINE	2012	79		
Malcolm D. Burgess	0	Effects of density-dependent and stochastic processes on the regulation of cod populations	Fromentin, JM; Myers, RA; Bjornstad, ON; Stenseth, NC; Gjosaeter, J; Christie, H	ECOLOGY	2001	82	2	10.1890/0012-9658(2001)082[0567:EODDAS]2.0.CO;2
Francis Daunt	0	Defining the window of opportunity for feeding initiation by second-instar spruce budworm larvae	Fuentealba, Alvaro; Sagne, Solene; Pureswaran, Deepa; Bauce, Eric; Despland, Emma	CANADIAN JOURNAL OF FOREST RESEARCH	2018	48	3	10.1139/cjfr-2017-0133
Jelmer M. Samplonius	0	Agroecosystern responses to combinations of elevated CO2, ozone, and global climate change	Fuhrer, J	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	2003	97	1-3	10.1016/S0167-8809(03)00125-7
Albert B. Phillimore	0	Temperature effect on luteinizing hormone secretion of Eurasian Skylark (Alauda arvensis) and Great Tit (Parus major) in China	Gao, Lijun; Gao, Jing; Zhang, Shuping	AVIAN RESEARCH	2018	9		10.1186/s40657-018-0095-8
Owen T. Lewis	0	Phenology of three coexisting annual fish species: seasonal patterns in hatching dates	Garcia, Daniel; Loureiro, Marcelo; Machin, Emanuel; Reichard, Martin	HYDROBIOLOGIA	2018	809	1	10.1007/s10750-017-3484-9
Christopher Hassall	0	Phenological changes in olive (Ola europaea L.) reproductive cycle in southern Spain due to climate change	Garcia-Mozo, Herminia; Oteros, Jose; Galan, Carmen	ANNALS OF AGRICULTURAL AND ENVIRONMENTAL MEDICINE	2015	22	3	10.5604/12321966.1167706
Jelmer M. Samplonius	0	Phenological responses to small-scale spatial variation in snowmelt timing reveal compensatory and conservative strategies in subarctic-alpine plants	Gehrmann, Friederike; Hanninen, Heikki; Liu, Che; Saarinen, Timo	PLANT ECOLOGY & DIVERSITY	2017	10	5-6	10.1080/17550874.2018.1428693
Kirsty Macphie	0	The combination of postnatal maternal separation and social stress in young adulthood does not lead to enhanced inflammatory pain sensitivity and depression-related behavior in rats	Genty, Julien; Nomigni, Milene Tetsi; Anton, Fernand; Hanesch, Ulrike	PLOS ONE	2018	13	8	10.1371/journal.pone.0202599
Jelmer M. Samplonius	0	CDOM and the underwater light climate in two shallow North Patagonian lakes: evaluating the effects on nano and microphytoplankton community structure	Gerea, Marina; Perez, Gonzalo L.; Unrein, Fernando; Soto Cardenas, Carolina; Morris, Donald; Queimalinos, Claudia	AQUATIC SCIENCES	2017	79	2	10.1007/s00027-016-0493-0

Emily G. Simmonds	0	Timing of spawning and predicted fry emergence by naturalized Chinook salmon (Oncorhynchus tshawytscha) in a Lake Huron tributary	Gerson, M. T.; Marklevitz, S. A. C.; Morbey, Y. E.	JOURNAL OF GREAT LAKES RESEARCH	2016	42	3	10.1016/j.jglr.2016.03.008
Albert B. Phillimore	0	Phenological change in a spring ephemeral: implications for pollination and plant reproduction	Gezon, Zachariah J.; Inouye, David W.; Irwin, Rebecca E.	GLOBAL CHANGE BIOLOGY	2016	22	5	10.1111/gcb.13209
James Pearce-Higgins	0	Avoidance by early flushing: a new perspective on Dutch elm disease research	Ghelardini, L.; Santini, A.	IFOREST-BIOGEOSCIENCES AND FORESTRY	2009	2		10.3832/ifor0508-002
Christopher Hassall	0	A new statistical tool to predict phenology under climate change scenarios	Gienapp, P; Hemerik, L; Visser, ME	GLOBAL CHANGE BIOLOGY	2005	11	4	10.1111/j.1365-2486.2005.00925.x
Francis Daunt	0	Why climate change will invariably alter selection pressures on phenology	Gienapp, Phillip; Reed, Thomas E.; Visser, Marcel E.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2014	281	1793	10.1098/rspb.2014.1611
Nathalie Pettorelli	0	Climate change and the ecology and evolution of Arctic vertebrates	Gilg, Olivier; Kovacs, Kit M.; Aars, Jon; Fort, Jerome; Gauthier, Gilles; Gremillet, David; Ims, Rolf A.; Meltofte, Hans; Moreau, Jerome; Post, Eric; Schmidt, Niels Martin; Yannic, Glenn; Bollache, Loic	YEAR IN ECOLOGY AND CONSERVATION BIOLOGY	2012	1249		10.1111/j.1749-6632.2011.06412.x
Albert B. Phillimore	0	Phenology of Honey Bee Swarm Departure in New Jersey, United States	Gilley, D. C.; Courtright, T. J.; Thom, C.	ENVIRONMENTAL ENTOMOLOGY	2018	47	3	10.1093/ee/nvy039
Nathalie Pettorelli	0	Exploring mechanisms linking temperature increase and larval phenology: The importance of variance effects	Gimenez, Luis	JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY	2011	400	1-2	10.1016/j.jembe.2011.02.036
Kirsty Macphie	0	Phenological match drives pollen-mediated gene flow in a temporally dimorphic tree	Gleiser, G.; Chybicki, I. J.; Gonzalez-Martinez, S. C.; Aizen, M. A.	PLANT BIOLOGY	2018	20	1	10.1111/plb.12651
Jelmer M. Samplonius	0	THE POPULATION-DYNAMIC CONSEQUENCES OF PHENOLOGICAL ASYNCHRONY BETWEEN PARASITOIDS AND THEIR HOSTS	GODFRAY, HCJ; HASSELL, MP; HOLT, RD	JOURNAL OF ANIMAL ECOLOGY	1994	63	1	10.2307/5577
Malcolm D. Burgess	0	Fertility variation and flowering asynchrony in Pinus sylvestris: consequences for the genetic structure of progeny in seed orchards	Gomory, D; Bruchanik, R; Longauer, R	FOREST ECOLOGY AND MANAGEMENT	2003	174	1-3	10.1016/S0378-1127(02)00031-2
Jacob Johansson	0	What prevents phenological adjustment to climate change in migrant bird species? Evidence against the arrival constraint hypothesis	Goodenough, Anne E.; Hart, Adam G.; Elliot, Simon L.	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	2011	55	1	10.1007/s00484-010-0312-6
Jelmer M. Samplonius	0	The value of long-term studies in behavioural ecology.	Gordo, O.; Aviles, J. M.	ECOSISTEMAS	2017	26	3	10.7818/ECOS.2017.26-3.04
James Pearce-Higgins	0	Determining the environmental factors underlying the spatial variability of insect appearance phenology for the honey bee, Apis mellifera, and the small white, Pieris rapae	Gordo, Oscar; Jose Sanz, Juan; Lobo, Jorge M.	JOURNAL OF INSECT SCIENCE	2010	10		
Angus Atkinson	0	The Energetic Value of Land-Based Foods in Western Hudson Bay and Their Potential to Alleviate Energy Deficits of Starving Adult Male Polar Bears	Gormezano, Linda J.; Rockwell, Robert F.	PLOS ONE	2015	10	6	10.1371/journal.pone.0128520
Øystein Varpe	0	An experimental investigation of the 'match mismatch' hypothesis using larval Atlantic cod	Gotceitas, V; Puvanendran, V; Leader, LL; Brown, JA	MARINE ECOLOGY PROGRESS SERIES	1996	130	1-3	10.3354/meps130029

Jelmer M. Samplonius	0	Identification of the male parents of half-sib progeny from Japanese black pine (Pinus thunbergii Parl.) clonal seed orchard using RAPD markers	Goto, S; Miyahara, F; Ide, Y	BREEDING SCIENCE	2002	52	2	10.1270/jsbbs.52.71
Albert B. Phillimore	0	Floral Phenology Behaviour of Commercially Grown and New Introduced Hazelnut Cultivars (Corylus avellana L.) in Bio Bio Region, Central-South of Chile	Grau Beretta, P.; Rodriguez, A.	VIII INTERNATIONAL CONGRESS ON HAZELNUT	2014	1052		
Albert B. Phillimore	0	The consequences of photoperiodism for organisms in new climates	Grevstad, Fritzi S.; Coop, Leonard B.	ECOLOGICAL APPLICATIONS	2015	25	6	10.1890/14-2071.1
James Pearce-Higgins	0	Rising Temperatures, Molting Phenology, and Epizootic Shell Disease in the American Lobster	Groner, Maya L.; Shields, Jeffrey D.; Landers, Donald F., Jr.; Swenarton, John; Hoenig, John M.	AMERICAN NATURALIST	2018	192	5	10.1086/699478
Jamie C. Weir	0	Anatomical and phenological implications of the relationship between Schinus polygama (Cav.) (Cabrera) and the galling insect Calophya rubra (Blanchard)	Guedes, L. M.; Aguilera, N.; Ferreira, B. G.; Becerra, J.; Hernandez, V.; Isaias, R. M. S.	PLANT BIOLOGY	2018	20	3	10.1111/plb.12696
Albert B. Phillimore	0	Phenological Behavior of Two New Male Cultivars of Pistachio (Pistacia vera L.): 'Chaparrillo' and 'Guerrero'	Guerrero, J.; Memmi, H.; Perez-Lopez, D.; Couceiro, J. F.; Moriana, A.; Martinez, E.; Gijon, M. C.	VI INTERNATIONAL SYMPOSIUM ON ALMONDS AND PISTACHIOS	2014	1028		
Owen T. Lewis	0	Phenological indices of avian reproduction: cryptic shifts and prediction across large spatial and temporal scales	Gullett, Philippa; Hatchwell, Ben J.; Robinson, Robert A.; Evans, Karl L.	ECOLOGY AND EVOLUTION	2013	3	7	10.1002/ece3.558
Stephen J. Thackeray	0	Advancing the match-mismatch framework for large herbivores in the Arctic: Evaluating the evidence for a trophic mismatch in caribou	Gustine, David; Barboza, Perry; Adams, Layne; Griffith, Brad; Cameron, Raymond; Whitten, Kenneth	PLOS ONE	2017	12	2	10.1371/journal.pone.0171807
Christopher Hassall	0	Elevational trends in butterfly phenology: implications for species responses to climate change	Gutierrez Illan, Javier; Gutierrez, David; Diez, Sonia B.; Wilson, Robert J.	ECOLOGICAL ENTOMOLOGY	2012	37	2	10.1111/j.1365-2311.2012.01345.x
Jelmer M. Samplonius	0	Genetic diversity and differentiation follow secondary succession in a multi-species study on woody plants from subtropical China	Hahn, Christoph Z.; Michalski, Stefan G.; Fischer, Markus; Durka, Walter	JOURNAL OF PLANT ECOLOGY	2017	10	1	10.1093/jpe/rtw054
Jakob J. Assmann	0	Chlorophyll and zooplankton in microbasins along the Straits of the Magellan-Beagle Channel passage	Hamame, M; Antezana, T	SCIENTIA MARINA	1999	63		10.3989/scimar.1999.63s135
Øystein Varpe	0	The joint influence of photoperiod and temperature during growth cessation and development of dormancy in white spruce (Picea glauca)	Hamilton, Jill A.; El Kayal, Walid; Hart, Ashley T.; Runcie, Daniel E.; Arango-Velez, Adriana; Cooke, Janice E. K.	TREE PHYSIOLOGY	2016	36	11	10.1093/treephys/tpw061
Jelmer M. Samplonius	0	Climatic Adaptation of Boreal and Temperate Tree Species	Hanninen, Heikki	BOREAL AND TEMPERATE TREES IN A CHANGING CLIMATE: MODELLING THE ECOPHYSIOLOGY OF SEASONALITY	2016			10.1007/978-94-017-7549-6_1
Albert B. Phillimore	0	Conceptualizing ecosystem tipping points within a physiological framework	Harley, Christopher D. G.; Connell, Sean D.; Doubleday, Zoe A.; Kelaher, Brendan; Russell, Bayden D.; Sara, Gianluca; Helmuth, Brian	ECOLOGY AND EVOLUTION	2017	7	15	10.1002/ece3.3164
Jelmer M. Samplonius	0	Nutritional suitability and ecological relevance of Arabidopsis thaliana and Brassica oleracea as foodplants for the cabbage butterfly, Pieris rapae	Harvey, Jeffrey A.; Witjes, Leontien M. A.; Benkirane, Maria; Duyts, Henk; Wagenaar, Roel	PLANT ECOLOGY	2007	189	1	10.1007/s11258-006-9204-6
Jamie C. Weir	0	Drought and surface-level solar radiation predict the severity of outbreaks of a widespread defoliating insect	Haynes, Kyle J.; Tardif, Jacques C.; Parry, Dylan	ECOSPHERE	2018	9	8	10.1002/ecs2.2387

Jacob Johansson	0	SIZE SPECTRUM DYNAMICS AND THE PLANKTONIC ECOSYSTEM OF LOCH-LINNHE	HEATH, MR	ICES JOURNAL OF MARINE SCIENCE	1995	52	3-4	10.1016/1054-3139(95)80077-8
Christopher Hassall	0	Behaviour of freshwater snails (Radix balthica) exposed to the pharmaceutical sertraline under simulated predation risk	Hedgespeth, Melanie Lea; Karasek, Tomasz; Ahlgren, Johan; Berglund, Olof; Bronmark, Christer	ECOTOXICOLOGY	2018	27	2	10.1007/s10646-017-1880-6
Nathalie Pettorelli	0	Geographically distinct reproductive schedules in a changing world: Costly implications in captive Stonechats	Helm, Barbara	INTEGRATIVE AND COMPARATIVE BIOLOGY	2009	49	5	10.1093/icb/icp037
Jelmer M. Samplonius	0	Thermally moderated firefly activity is delayed by precipitation extremes	Hermann, Sara L.; Xue, Saisi; Rowe, Logan; Davidson-Lowe, Elizabeth; Myers, Andrew; Eshchanov, Bahodir; Bahlai, Christie A.	ROYAL SOCIETY OPEN SCIENCE	2016	3	12	10.1098/rsos.160712
Jelmer M. Samplonius	0	Clonal variation in reproductive phenology in a seed orchard of Pinus patula	Hernandez Zaragoza, Omar; Lopez Upton, Javier; Jesus Vargas Hernandez, J.; Jimenez Casas, Marcos	BOSQUE	2016	37	2	
Stephen J. Thackeray	0	Seasonal synchronization of seed release phenology promotes long-distance seed dispersal by wind for tree species with medium wind dispersal potential	Heydel, Felix; Cunze, Sarah; Bernhardt-Roemermann, Markus; Tackenberg, Oliver	JOURNAL OF VEGETATION SCIENCE	2015	26	6	10.1111/jvs.12305
Katherine Keogan	0	How are the phenologies of ripening and seed release affected by species' ecology and evolution?	Heydel, Felix; Tackenberg, Oliver	OIKOS	2017	126	5	10.1111/oik.03442
Øystein Varpe	0	Intra-annual recruitment events of a shelf species around an island system in the NW Mediterranean	Hidalgo, M.; Tomas, J.; Moranta, J.; Morales-Nin, B.	ESTUARINE COASTAL AND SHELF SCIENCE	2009	83	2	10.1016/j.ecss.2009.03.037
Christopher Hassall	0	Persistence in the longitudinal distribution of lotic insects in a changing climate: a tale of two rivers	Hildrew, Alan G.; Durance, Isabelle; Statzner, Bernhard	SCIENCE OF THE TOTAL ENVIRONMENT	2017	574		10.1016/j.scitotenv.2016.07.212
Stephen J. Thackeray	0	Effects of photoperiod and raised winter temperatures on egg development and timing of oviposition in the willow psyllid Cacopsylla moscovita	Hill, JK; Hodkinson, ID	ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA	1996	78	2	10.1111/j.1570-7458.1996.tb00775.x
Katherine Keogan	0	Distribution and feeding of blue whiting Micromesistius poutassou larvae in relation to different water masses in the Porcupine Bank area, west of Ireland	Hillgruber, N; Kloppmann, M	MARINE ECOLOGY PROGRESS SERIES	1999	187		10.3354/meps187213
Emily G. Simmonds	0	Landscape genetics of alpine-snowbed plants: comparisons along geographic and snowmelt gradients	Hirao, AS; Kudo, G	HEREDITY	2004	93	3	10.1038/sj.hdy.6800503
Malcolm D. Burgess	0	Timing and intensity of bush cricket predation on egg batches of pine processionary moth: no evidence of population control	Hodar, Jose A.; Torres-Muros, Lucia; Senhadji, Karim	AGRICULTURAL AND FOREST ENTOMOLOGY	2013	15	2	10.1111/afe.12006
Albert B. Phillimore	0	Progressive restriction of host plant exploitation along a climatic gradient: The willow psyllid Cacopsylla groenlandica in Greenland	Hodkinson, ID	ECOLOGICAL ENTOMOLOGY	1997	22	1	10.1046/j.1365-2311.1997.00039.x
Jelmer M. Samplonius	0	Environmental Impacts-Terrestrial Ecosystems	Hoelzel, Norbert; Hickler, Thomas; Kutzbach, Lars; Joosten, Hans; van Huissteden, Jakobus; Hiederer, Roland	NORTH SEA REGION CLIMATE CHANGE ASSESSMENT	2016			10.1007/978-3-319-39745-0_11
Kirsty Macphie	0	Capital vs. income-dependent optimal birth date in two North American ungulates	Hogg, John T.; Dunn, Stacey J.; Poissant, Jocelyn; Pelletier, Fanie; Byers, John A.	ECOSPHERE	2017	8	4	10.1002/ecs2.1766
Øystein Varpe	0	Interactive effects of elevation, species richness and extreme climatic events on plant-pollinator networks	Hoiss, Bernhard; Krauss, Jochen; Steffan-Dewenter, Ingolf	GLOBAL CHANGE BIOLOGY	2015	21	11	10.1111/gcb.12968

Jelmer M. Samplonius	0	Urban living alters moult dynamics in a passerine	Hope, Sydney F.; Stabile, Frank A.; Butler, Luke K.	JOURNAL OF AVIAN BIOLOGY	2016	47	3	10.1111/jav.00866
Francis Daunt	0	Trends in abundance and phenology of Aurelia aurita and Cyanea spp. at a Skagerrak location, 1992-2011	Hosia, Aino; Falkenhaug, Tone; Naustvoll, Lars-Johan	MARINE ECOLOGY PROGRESS SERIES	2014	498		10.3354/meps10619
Katherine Keogan	0	Landscapes as a moderator of thermal extremes: a case study from an imperiled grouse	Hovick, Torre J.; Elmore, R. Dwayne; Wallred, Brady; Fuhlendorf, Samuel D.; Dahlgren, David K.	ECOSPHERE	2014	5	3	10.1890/ES13-00340.1
Kirsty Macphie	0	Phenology of high-arctic arthropods: Effects of climate on spatial, seasonal, and inter-annual variation	Hoye, Toke T.; Forchhammer, Mads C.	ADVANCES IN ECOLOGICAL RESEARCH, VOL 40: HIGH-ARCTIC ECOSYSTEM DYNAMICS IN A CHANGING CLIMATE	2008	40		10.1016/S0065-2504(07)00013-X
Jelmer M. Samplonius	0	Community-wide changes in intertaxonomic temporal co-occurrence resulting from phenological shifts	Hua, Fangyuan; Hu, Junhua; Liu, Yang; Giam, Xingli; Lee, Tien Ming; Luo, Hao; Wu, Jia; Liang, Qiaoyi; Zhao, Jian; Long, Xiaoyan; Pang, Hong; Wang, Biao; Liang, Wei; Zhang, Zhengwang; Gao, Xuejie; Zhu, Jiang	GLOBAL CHANGE BIOLOGY	2016	22	5	10.1111/gcb.13199
Stephen J. Thackeray	0	RESISTANCE BY TRANSLOCATED SITKA SPRUCE TO DAMAGE BY PISSODES STROBI (COLEOPTERA, CURCULIONIDAE) RELATED TO TREE PHENOLOGY	HULME, MA	JOURNAL OF ECONOMIC ENTOMOLOGY	1995	88	6	10.1093/jee/88.6.1525
Jelmer M. Samplonius	0	Species Introductions and Their Cascading Impacts on Biotic Interactions in desert riparian ecosystems	Hultine, Kevin R.; Bean, Dan W.; Dudley, Tom L.; Gehring, Catherine A.	INTEGRATIVE AND COMPARATIVE BIOLOGY	2015	55	4	10.1093/icb/icv019
Owen T. Lewis	0	Spring temperature, migration chronology, and nutrient allocation to eggs in three species of arctic-nesting geese: Implications for resilience to climate warming	Hupp, Jerry W.; Ward, David H.; Soto, David X.; Hobson, Keith A.	GLOBAL CHANGE BIOLOGY	2018	24	11	10.1111/gcb.14418
Owen T. Lewis	0	Characteristics of juvenile survivors reveal spatio-temporal differences in early life stage survival of Baltic cod	Huwer, B.; Hinrichsen, H. H.; Bottcher, U.; Voss, R.; Koster, F.	MARINE ECOLOGY PROGRESS SERIES	2014	511		10.3354/meps10875
Jelmer M. Samplonius	0	Loss of integument in maturing fruits prevents gall induction by the midge, Asphondylia aucubae (Cecidomyiidae : Diptera)	Imai, K.; Ohsaki, N.	ENVIRONMENTAL ENTOMOLOGY	2006	35	4	10.1603/0046-225X-35.4.1109
Angus Atkinson	0	Internal structure of developing aucuba fruit as a defence increasing oviposition costs of its gall midges Asphondylia aucubae	Imai, K; Ohsaki, N	ECOLOGICAL ENTOMOLOGY	2004	29	4	10.1111/j.0307-6946.2004.00627.x
Øystein Varpe	0	Oviposition site of and gall formation by the fruit gall midge Asphondylia aucubae (Diptera : Cecidomyiidae) in relation to internal fruit structure	Imai, K; Ohsaki, N	ENTOMOLOGICAL SCIENCE	2004	7	2	10.1111/j.1479-8298.2004.00059.x
James Pearce-Higgins	0	Response of green rice leafhoppers to rice-planting practices in Northern Thailand	IshiiEiteman, M; Power, AG	ECOLOGICAL APPLICATIONS	1997	7	1	
Francis Daunt	0	The role of host plant phenology in the development of the oak leafroller moth, Tortrix viridana L. (Lepidoptera : Tortricidae)	Ivashov, AV; Boyko, GE; Simchuk, AP	FOREST ECOLOGY AND MANAGEMENT	2002	157	1-3	10.1016/S0378-1127(00)00652-6
Owen T. Lewis	0	Time of the season: the effect of host photoperiodism on diapause induction in an insect herbivore, Leptinotarsa decemlineata	Izzo, Victor M.; Armstrong, Jordan; Hawthorne, David; Chen, Yolanda	ECOLOGICAL ENTOMOLOGY	2014	39	1	10.1111/een.12066
James Pearce-Higgins	0	Climate change and functional traits affect population dynamics of a long-lived seabird	Jenouvrier, Stephanie; Desprez, Marine; Fay, Remi; Barbraud, Christophe; Weimerskirch, Henri; Delord, Karine; Caswell, Hal	JOURNAL OF ANIMAL ECOLOGY	2018	87	4	10.1111/1365-2656.12827

Christopher Hassall	0	Phase-dependent outbreak dynamics of geometrid moth linked to host plant phenology	Jepsen, Jane U.; Hagen, Snorre B.; Karlsen, Stein-Rune; Ims, Rolf A.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2009	276	1676	10.1098/rspb.2009.1148
Emily G. Simmonds	0	Sea ice phenology and timing of primary production pulses in the Arctic Ocean	Ji, Rubao; Jin, Meibing; Varpe, Oystein	GLOBAL CHANGE BIOLOGY	2013	19	3	10.1111/gcb.12074
Øystein Varpe	0	Community responses to extreme climatic conditions	Jiguet, Frederic; Brotons, Lluis; Devictor, Vincent	CURRENT ZOOLOGY	2011	57	3	10.1093/czoolo/57.3.406
Jelmer M. Samplonius	0	Effects of varying temperature on leaf phenology and herbivory of dominant tree species in subtropical evergreen broad-leaves forest in eastern China	Jing, Jun; Li, Kai; Liu, Zhiguo	POLISH JOURNAL OF ECOLOGY	2016	64	1	10.3161/15052249PJE2016.64.1.006
Francis Daunt	0	The eco-evolutionary consequences of interspecific phenological asynchrony - a theoretical perspective	Johansson, Jacob; Kristensen, Nadiah P.; Nilsson, Jan-Ake; Jonzen, Niclas	OIKOS	2015	124	1	10.1111/oik.01909
Owen T. Lewis	0	Asynchronous Amazon forest canopy phenology indicates adaptation to both water and light availability	Jones, Matthew O.; Kimball, John S.; Nemani, Ramakrishna R.	ENVIRONMENTAL RESEARCH LETTERS	2014	9	12	10.1088/1748-9326/9/12/124021
Christopher Hassall	0	Calculating the ecological impacts of animal-borne instruments on aquatic organisms	Jones, T. Todd; Van Houtan, Kyle S.; Bostrom, Brian L.; Ostafichuk, Peter; Mikkelsen, Jon; Tezcan, Emre; Carey, Michael; Imlach, Brittany; Seminoff, Jeffrey A.	METHODS IN ECOLOGY AND EVOLUTION	2013	4	12	10.1111/2041-210X.12109
Nathalie Pettorelli	0	The phenology mismatch hypothesis: are declines of migrant birds linked to uneven global climate change?	Jones, Tim; Cresswell, Will	JOURNAL OF ANIMAL ECOLOGY	2010	79	1	10.1111/j.1365-2656.2009.01610.x
Angus Atkinson	0	A freshwater predator hit twice by the effects of warming across trophic levels	Jonsson, Tomas; Setzer, Malin	Nature Communications	2015	6		10.1038/ncomms6992
Albert B. Phillimore	0	Better late than never? Interannual and seasonal variability in breeding chronology of gentoo penguins at Stranger Point, Antarctica	Juares, Mariana A.; Mercedes Santos, M.; Negrete, Javier; Rita Santos, M.; Mennucci, Jorge A.; Rombola, Emilce; Longarzo, Lucrecia; Coria, Nestor R.; Carlini, Alejandro R.	POLAR RESEARCH	2013	32		10.3402/polar.v32i0.18448
Jelmer M. Samplonius	0	Seasonal changes in pollen limitation and femaleness along the snowmelt gradient in a distylous alpine herb, Primula modesta	Kameyama, Yoshiaki; Watanabe, Manami; Kurosawa, Hideki; Nishimori, Takuya; Matsue, Daisuke; Takyu, Masaaki	ECOLOGY AND EVOLUTION	2015	5	22	10.1002/ece3.1803
Jelmer M. Samplonius	0	The spatial distribution of leaf galls of Mikiola fagi (Diptera : Cecidomyiidae) and Neuroterus quercusbaccarum (Hymenoptera : Cynipidae) in the canopy of a Central European mixed forest	Kampichler, C; Teschner, M	EUROPEAN JOURNAL OF ENTOMOLOGY	2002	99	1	10.14411/eje.2002.014
Albert B. Phillimore	0	Spatiotemporal snowmelt patterns within a high Arctic landscape, with implications for flora and fauna	Kankaanpaa, Tuomas; Skov, Kirstine; Abrego, Nerea; Lund, Magnus; Schmidt, Niels Martin; Roslin, Tomas	ARCTIC ANTARCTIC AND ALPINE RESEARCH	2018	50	1	10.1080/15230430.2017.1415624
Albert B. Phillimore	0	The Ordovician phenomenon of explosive divergence of the Earth's organic realm: Causes and effects on the biosphere evolution	Kanygin, AV	GEOLOGIYA I GEOFIZIKA	2001	42	4	
Jelmer M. Samplonius	0	Environmental and genetic effects on larval hatching time in two coregonids	Karjalainen, J.; Jokinen, L.; Keskinen, T.; Marjomaki, T. J.	HYDROBIOLOGIA	2016	780	1	10.1007/s10750-016-2807-6
Jelmer M. Samplonius	0	Inheritance and World Variation in Thermal Requirements for Egg Hatch in Lymantria dispar (Lepidoptera: Erebidae)	Keena, M. A.	ENVIRONMENTAL ENTOMOLOGY	2016	45	1	10.1093/ee/nvv163

Emily G. Simmonds	0	Phenology of the larger European pine shoot beetle Tomicus piniperda (L.) (Coleoptera : Scolytidae) in relation to native bark beetles and natural enemies in pine stands	Kennedy, AA; McCullough, DG	ENVIRONMENTAL ENTOMOLOGY	2002	31	2	10.1603/0046-225X-31.2.261
Stephen J. Thackeray	0	Global phenological insensitivity to shifting ocean temperatures among seabirds	Keogan, Katharine; Daunt, Francis; Wanless, Sarah; Phillips, Richard A.; Walling, Craig A.; Agnew, Philippa; Ainley, David G.; Anker-Nilssen, Tycho; Ballard, Grant; Barrett, Robert T.; Barton, Kerry J.; Bech, Claus; Becker, Peter; Berglund, Per-Arvid; Bollache, Loic; Bond, Alexander L.; Bouwhuis, Sandra; Bradley, Russell W.; Burr, Zofia M.; Camphuysen, Kees; Catry, Paulo; Chiaradia, Andre; Christensen-Dalsgaard, Signe; Cuthbert, Richard; Dehnhard, Nina; Descamps, Sebastien; Diamond, Tony; Divoky, George; Drummond, Hugh; Dugger, Katie M.; Dunn, Michael J.; Emmerson, Louise; Erikstad, Kjell Einar; Fort, Jerome; Fraser, William; Genovart, Meritxell; Gilg, Olivier; Gonzalez-Solis, Jacob; Granadeiro, Jose Pedro; Gremillet, David; Hansen, Jannik; Hanssen, Sveinn A.; Harris, Mike; Hedd, April; Hinke, Jefferson; Manuel Igual, Jose; Jahncke, Jaime; Jones, Ian; Kappes, Peter J.; Lang, Johannes; Langset, Magdalene; Lescroel, Amelie; Lorentsen, Svein-Hakon; Lyver, Phil O'B.; Mallory, Mark; Moe, Borge; Montevecchi, William A.; Monticelli, David; Mostello, Carolyn; Newell, Mark; Nicholson, Lisa; Nisbet, Ian; Olsson, Olof; Oro, Daniel; Pattison, Vivian; Poisbleau, Maud; Pyk, Tanya; Quintana, Flavio; Ramos, Jaime A.; Ramos, Raul; Reiertsen, Tone Kirstin; Rodriguez, Cristina; Ryan, Peter; Sanz-Aguilar, Ana; Schmidt, Niels M.; Shannon, Paula; Sittler, Benoit; Southwell, Colin; Surman, Christopher; Svagelj, Walter S.; Trivelpiece, Wayne; Warzybok, Pete; Watanuki, Yutaka; Weimerskirch, Henri; Wilson, Peter R.; Wood, Andrew G.; Phillimore, Albert B.; Lewis, Sue	NATURE CLIMATE CHANGE	2018	8	4	10.1038/s41558-018-0115-z
Katherine Keogan	0	Detection of refuge from enemies through phenological mismatching in multitrophic interactions requires season-wide estimation of host abundance	Kerstes, Niels A. G.; de Jong, Peter W.	EVOLUTIONARY ECOLOGY	2011	25	2	10.1007/s10682-010-9425-y
Jacob Johansson	0	Fusarium crown rot under continuous cropping of susceptible and partially resistant wheat in microcosms at elevated CO2	Khudhair, M.; Melloy, P.; Lorenz, D. J.; Obanor, F.; Aitken, E.; Datta, S.; Luck, J.; Fitzgerald, G.; Chakraborty, S.	PLANT PATHOLOGY	2014	63	5	10.1111/ppa.12182
Jamie C. Weir	0	Individual-Based Model of Microbial Life on Hydrated Rough Soil Surfaces	Kim, Minsu; Or, Dani	PLOS ONE	2016	11	1	10.1371/journal.pone.0147394
Emily G. Simmonds	0	Biological control of dense-thorned bitter apple, Solanum sisymbriifolium Lam. (Solanaceae), in South Africa	King, A. M.; Brudvig, R.; Byrne, M. J.	AFRICAN ENTOMOLOGY	2011	19	2	10.4001/003.019.0212
Katherine Keogan	0	Synergistic Effects of Climate and Fishing in a Marine Ecosystem	Kirby, Richard R.; Beaugrand, Gregory; Lindley, John A.	ECOSYSTEMS	2009	12	4	10.1007/s10021-009-9241-9
Jacob Johansson	0	Comparisons between blackbird damage to corn and sunflower in North Dakota	Klosterman, Megan E.; Linz, George M.; Slowik, Anthony A.; Homan, H. Jeffrey	CROP PROTECTION	2013	53		10.1016/j.cropro.2013.06.004
Nathalie Pettorelli	0	Voltinism and resilience to climate-induced phenological mismatch	Knell, Robert J.; Thackeray, Stephen J.	CLIMATIC CHANGE	2016	137	3-4	10.1007/s10584-016-1691-4
Francis Daunt	0	Assimilation of hydrological observation data for calculating currents in seas and oceans	Knysh, V. V.; Korotaev, G. K.; Mizyuk, A. I.; Sarkisyan, A. S.	IZVESTIYA ATMOSPHERIC AND OCEANIC PHYSICS	2012	48	1	10.1134/S0001433812010057

Emily G. Simmonds	0	What drives masting? The phenological synchrony hypothesis	Koenig, Walter D.; Knops, Johannes M. H.; Carmen, William J.; Pearse, Ian S.	ECOLOGY	2015	96	1	10.1890/14-0819.1
Malcolm D. Burgess	0	Ecological Stoichiometry and Density Responses of Plant-Arthropod Communities on Cormorant Nesting Islands	Kolb, Gundula S.; Palmborg, Cecilia; Hamback, Peter A.	PLOS ONE	2013	8	4	10.1371/journal.pone.0061772
Jamie C. Weir	0	Has the currently warming climate affected populations of the mountain ringlet butterfly, Erebia epiphron (Lepidoptera: Nymphalidae), in low-elevation mountains?	Konvicka, Martin; Benes, Jiri; Cizek, Oldrich; Kuras, Tomas; Kleckova, Irena	EUROPEAN JOURNAL OF ENTOMOLOGY	2016	113		10.14411/eje.2016.036
Jelmer M. Samplonius	0	Community ecology in a warming world: The influence of temperature on interspecific interactions in marine systems	Kordas, Rebecca L.; Harley, Christopher D. G.; O'Connor, Mary I.	JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY	2011	400	1-2	10.1016/j.jembe.2011.02.029
Francis Daunt	0	Climate-induced phenological shift of apple trees has diverse effects on pollinators, herbivores and natural enemies	Korosi, Adam; Marko, Viktor; Kovacs-Hostyanszki, Aniko; Somay, Laszlo; Varga, Akos; Elek, Zoltan; Boreux, Virginie; Klein, Alexandra-Maria; Foeldesi, Rita; Baldi, Andras	PEERJ	2018	6		10.7717/peerj.5269
Jelmer M. Samplonius	0	Onset of autumn shapes the timing of birth in Pyrenean chamois more than onset of spring	Kourkgy, Charlotte; Garel, Mathieu; Appolinaire, Joel; Loison, Anne; Toigo, Carole	JOURNAL OF ANIMAL ECOLOGY	2016	85	2	10.1111/1365-2656.12463
Stephen J. Thackeray	0	Temporal patterns in adult salmon migration timing across southeast Alaska	Kovach, Ryan P.; Ellison, Stephen C.; Pyare, Sanjay; Tallmon, David A.	GLOBAL CHANGE BIOLOGY	2015	21	5	10.1111/gcb.12829
Albert B. Phillimore	0	Impacts of Changing Seasonality and the Potential for Trophic Mismatches in the Arctic	Krause, J. S.; Perez, J. H.; Sweet, S. K.; Asmus, A.; Rich, M. E.; Schas, J.; Word, K. R.; Gough, L.; Wingfield, J. C.; Boelman, N. T.	INTEGRATIVE AND COMPARATIVE BIOLOGY	2013	53		
Stephen J. Thackeray	0	Evolution of resident bird breeding phenology in a landscape with heterogeneous resource phenology and carryover effects	Kristensen, Nadiah Pardede; Johansson, Jacob; Jonzen, Niclas; Smith, Henrik G.	EVOLUTIONARY ECOLOGY	2018	32	5	10.1007/s10682-018-9951-6
Malcolm D. Burgess	0	Phenology of two interdependent traits in migratory birds in response to climate change	Kristensen, Nadiah Pardede; Johansson, Jacob; Ripa, Jorgen; Jonzen, Niclas	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2015	282	1807	10.1098/rspb.2015.0288
Jelmer M. Samplonius	0	Arctic Crashes:' Revisiting the Human-Animal Disequilibrium Model in a Time of Rapid Change	Krupnik, Igor	HUMAN ECOLOGY	2018	46	5	10.1007/s10745-018-9990-1
Katherine Keogan	0	Vulnerability of phenological synchrony between plants and pollinators in an alpine ecosystem	Kudo, Gaku	ECOLOGICAL RESEARCH	2014	29	4	10.1007/s11284-013-1108-z
Angus Atkinson	0	Forage plants of an Arctic-nesting herbivore show larger warming response in breeding than wintering grounds, potentially disrupting migration phenology	Lameris, Thomas K.; Jochems, Femke; van der Graaf, Alexandra J.; Andersson, Mattias; Limpens, Juul; Nolet, Bart A.	ECOLOGY AND EVOLUTION	2017	7	8	10.1002/ece3.2859
Stephen J. Thackeray	0	Potential for an Arctic-breeding migratory bird to adjust spring migration phenology to Arctic amplification	Lameris, Thomas K.; Scholten, Ilse; Bauer, Silke; Cobben, Marleen M. P.; Ens, Bruno J.; Nolet, Bart A.	GLOBAL CHANGE BIOLOGY	2017	23	10	10.1111/gcb.13684
Nathalie Pettorelli	0	Synchronicity between zooplankton biomass and larval fish concentrations along a highly flushed Tasmanian estuary: assessment using net and acoustic methods	Lara-Lopez, Ana; Neira, Francisco J.	JOURNAL OF PLANKTON RESEARCH	2008	30	9	10.1093/plankt/fbn063
Jacob Johansson	0	Resource subsidies between stream and terrestrial ecosystems under global change	Larsen, Stefano; Muehlbauer, Jeffrey D.; Marti, Eugenia	GLOBAL CHANGE BIOLOGY	2016	22	7	10.1111/gcb.13182
Jamie C. Weir	0	An experimental examination of temperature interactions in the match-mismatch hypothesis for Pacific cod larvae	Laurel, Benjamin J.; Hurst, Thomas P.; Ciannelli, Lorenzo	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	2011	68	1	10.1139/F10-130

James Pearce-Higgins	0	The endocrine control of reproduction in Nereidae: a new multi-hormonal model with implications for their functional role in a changing environment	Lawrence, A. J.; Soame, J. M.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2009	364	1534	10.1098/rstb.2009.0127
Malcolm D. Burgess	0	Season of birth affects juvenile survival of giraffe	Lee, Derek Edward; Bond, Monica Louise; Bolger, Douglas Thomas	POPULATION ECOLOGY	2017	59	1	10.1007/s10144-017-0571-8
Jakob J. Assmann	0	Predicting temporal shifts in the spring occurrence of overwintered Scotinophara lurida (Hemiptera: Pentatomidae) and rice phenology in Korea with climate change	Lee, Hyoseok; Kang, Wee Soo; Ahn, Mun Il; Cho, Kijong; Lee, Joon-Ho	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	2016	60	1	10.1007/s00484-015-1004-z
Jakob J. Assmann	0	Impact of climate change and prey abundance on nesting success of a top predator, the goshawk	Lehikoinen, Aleksi; Linden, Andreas; Byholm, Patrik; Ranta, Esa; Saurola, Pertti; Valkama, Jari; Kaitala, Veijo; Linden, Harto	OECOLOGIA	2013	171	1	10.1007/s00442-012-2411-z
Francis Daunt	0	Northward range expansion requires synchronization of both overwintering behaviour and physiology with photoperiod in the invasive Colorado potato beetle (Leptinotarsa decemlineata)	Lehmann, Philipp; Lyytinen, Anne; Piiroinen, Saija; Lindstrom, Leena	OECOLOGIA	2014	176	1	10.1007/s00442-014-3009-4
Jacob Johansson	0	Inheritance patterns of photoperiodic diapause induction in Leptinotarsa decemlineata	Lehmann, Philipp; Margus, Aigi; Lindstrom, Leena	PHYSIOLOGICAL ENTOMOLOGY	2016	41	3	10.1111/phen.12145
Dylan Z. Childs	0	Convergence of leaf-out towards minimum risk of freezing damage in temperate trees	Lenz, Armando; Hoch, Gunter; Korner, Christian; Vitasse, Yann	FUNCTIONAL ECOLOGY	2016	30	9	10.1111/1365-2435.12623
Jelmer M. Samplonius	0	Coral reef degradation alters the isotopic niche of reef fishes	Letourneur, Yves; Briand, Marine J.; Graham, Nicholas A. J.	MARINE BIOLOGY	2017	164	12	10.1007/s00227-017-3272-0
Jelmer M. Samplonius	0	Accelerated phenology of blacklegged ticks under climate warming	Levi, Taal; Keesing, Felicia; Oggenfuss, Kelly; Ostfeld, Richard S.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2015	370	1665	10.1098/rstb.2013.0556
Nathalie Pettorelli	0	Explaining the sawtooth: latitudinal periodicity in a circadian gene correlates with shifts in generation number	Levy, R. C.; Kozak, G. M.; Wadsworth, C. B.; Coates, B. S.; Dopman, E. B.	JOURNAL OF EVOLUTIONARY BIOLOGY	2015	28	1	10.1111/jeb.12562
Francis Daunt	0	Variation in Floral Phenological Synchronization in a Clonal Seed Orchard of Pinus tabuliformis in Northeast of China	Li, Wei; Wang, Xiaoru; Li, Yue	SILVAE GENETICA	2012	61	4-5	10.1515/sg-2012-0017
Jelmer M. Samplonius	0	TEMPORAL DYNAMICS OF TIME SERIES LEAF AREA INDEX AND THE CORRELATIONS WITH METEOROLOGICAL FACTORS OVER CHINA	Li, Xinlu; Lu, Hui	2016 IEEE INTERNATIONAL GEOSCIENCE AND REMOTE SENSING SYMPOSIUM (IGARSS)	2016			10.1109/IGARSS.2016.7730434
Jelmer M. Samplonius	0	Uncertainty generation in deterministic flows: Theory and application with an atmospheric jet stream model	Liang, X. San	DYNAMICS OF ATMOSPHERES AND OCEANS	2011	52	1-2	10.1016/j.dynatmoce.2011.03.003
Jelmer M. Samplonius	0	Phenological advancement in arctic bird species: relative importance of snow melt and ecological factors	Liebezeit, J. R.; Gurney, K. E. B.; Budde, M.; Zack, S.; Ward, D.	POLAR BIOLOGY	2014	37	9	10.1007/s00300-014-1522-x
Malcolm D. Burgess	0	Is distribution of cold stenotherms constrained by temperature? The case of the Arctic fairy shrimp (Branchinecta paludosa OF Muller 1788)	Lindholm, M.; Hessen, D. O.; Faerovig, P. J.; Rognerud, B.; Andersen, T.; Stordal, F.	JOURNAL OF THERMAL BIOLOGY	2015	53		10.1016/j.jtherbio.2015.08.005
Jakob J. Assmann	0	Altered precipitation patterns and simulated nitrogen deposition effects on phenology of common plant species in a Tibetan Plateau alpine meadow	Liu, Lin; Monaco, Thomas A.; Sun, Feida; Liu, Wei; Gan, Youmin; Sun, Geng	AGRICULTURAL AND FOREST METEOROLOGY	2017	236		10.1016/j.agrformet.2017.01.010

Malcolm D. Burgess	0	Vertical patterns of soil water acquisition by non-native rubber trees (Hevea brasiliensis) in Xishuangbanna, southwest China	Liu, Wenjie; Li, Jintao; Lu, Hongjian; Wang, Pingyuan; Luo, Qinpu; Liu, Wenyao; Li, Hongmei	ECOHYDROLOGY	2014	7	4	10.1002/eco.1456
Francis Daunt	0	Age-sex analysis for the diet of Sichuan snub-nosed monkeys (Rhinopithecus roxellana) in Shennongjia National Nature Reserve, China	Liu, Xuecong; Li, Fang; Jiang, Jun; Wang, Xiaoju; Li, Yiming	PRIMATES	2016	57	4	10.1007/s10329-016-0535-1
Jacob Johansson	0	Phenological synchrony and seasonality of understory Rubiaceae in the Atlantic Forest, Bahia, Brazil	Liuth, Heitor Scarpati; Talora, Daniela Custodio; Amorim, Andre Marcio	ACTA BOTANICA BRASILICA	2013	27	1	10.1590/S0102-33062013000100019
Emily G. Simmonds	0	Phenologically-structured predator-prey dynamics with temperature dependence	Logan, J. David	BULLETIN OF MATHEMATICAL BIOLOGY	2008	70	1	10.1007/s11538-007-9237-6
Jelmer M. Samplonius	0	Modelling mountain pine beetle phenological response to temperature	Logan, JA; Powell, JA	MOUNTAIN PINE BEETLE SYMPOSIUM: CHALLENGES AND SOLUTIONS	2004	399		
Katherine Keogan	0	Temperature affects phenological synchrony in a tree-killing bark beetle	Lombardo, J. A.; Weed, A. S.; Aoki, C. F.; Sullivan, B. T.; Ayres, M. P.	OECOLOGIA	2018	188	1	10.1007/s00442-018-4164-9
Angus Atkinson	0	Native and introduced range surveys for egg parasitoids of Agrilus auroguttatus, an invasive pest of native oaks in California	Lopez, Vanessa M.; Hoddle, Mark S.	BIOCONTROL SCIENCE AND TECHNOLOGY	2015	25	6	10.1080/09583157.2015.1004037
Jacob Johansson	0	Hummingbird migration and flowering synchrony in the temperate forests of northwestern Mexico	Lopez-Segoviano, Gabriel; Arenas-Navarro, Maribel; Vega, Ernesto; del Coro Arizmendi, Maria	PEERJ	2018	6		10.7717/peerj.5131
Jacob Johansson	0	Forage fish abundance is a predictor of timing of breeding and hatching brood size in a coastal seabird	Lorentsen, Svein-Hakon; Anker-Nilssen, Tycho; Erikstad, Kjell Einar; Rov, Nils	MARINE ECOLOGY PROGRESS SERIES	2015	519		10.3354/meps11100
Stephen J. Thackeray	0	Effect of selection on shoot elongation rhythm of eastern white pine (Pinus strobus L.) and its implications to seed transfer in Ontario	Lu, PX; Joyce, DG; Sinclair, RW	FOREST ECOLOGY AND MANAGEMENT	2003	182	1-3	10.1016/S0378-1127(03)00008-2
Katherine Keogan	0	Reproductive timing as a constraint on invasion success in the Ring-necked parakeet (Psittacula krameri)	Luna, Alvaro; Franz, Detlev; Strubbe, Diederik; Shwartz, Assaf; Braun, Michael P.; Hernandez-Brito, Dailos; Malihi, Yariv; Kaplan, Asaf; Mori, Emiliano; Menchetti, Mattia; van Turnhout, Chris A. M.; Parrott, Dave; Chmielewski, Frank-M.; Edelaar, Pim	BIOLOGICAL INVASIONS	2017	19	8	10.1007/s10530-017-1436-y
Jamie C. Weir	0	Reproductive phenology of useful Seasonally Dry Tropical Forest trees: Guiding patterns for seed collection and plant propagation in nurseries	Luna-Nieves, Adriana L.; Meave, Jorge A.; Cerdeira Morellato, Leonor Patricia; Ibarra-Manriquez, Guillermo	FOREST ECOLOGY AND MANAGEMENT	2017	393		10.1016/j.foreco.2017.03.014
Emily G. Simmonds	0	Differential advancement of breeding phenology in response to climate may alter staggered breeding among sympatric pygoscelid penguins	Lynch, Heather J.; Fagan, William F.; Naveen, Ron; Trivelpiece, Susan G.; Trivelpiece, Wayne Z.	MARINE ECOLOGY PROGRESS SERIES	2012	454		10.3354/meps09252
Nathalie Pettorelli	0	Reduced geographical variability in spring phenology of temperate trees with recent warming	Ma, Qianqian; Huang, Jian-Guo; Hanninen, Heikki; Berninger, Frank	AGRICULTURAL AND FOREST METEOROLOGY	2018	256		10.1016/j.agrformet.2018.04.012
Christopher Hassall	0	Temporal dynamics of parasitoid assemblages parasitizing the codling moth	Maalouly, Mariline; Franck, Pierre; Lavigne, Claire	BIOLOGICAL CONTROL	2015	82		10.1016/j.biocontrol.2014.11.013
Emily G. Simmonds	0	Coupling suitable prey field to in situ fish larval condition and abundance in a subtropical estuary	Machado, Irene; Calliari, Danilo; Denicola, Ana; Rodriguez-Gratna, Laura	ESTUARINE COASTAL AND SHELF SCIENCE	2017	187		10.1016/j.ecss.2016.12.021

Emily G. Simmonds	0	Loss of coevolved basal and plastic responses to temperature may underlie trophic level host-parasitoid interactions under global change	Machekano, Honest; Mvumi, Brighton M.; Nyamukondiwa, Casper	BIOLOGICAL CONTROL	2018	118		10.1016/j.biocontrol.2017.12.005
Jelmer M. Samplonius	0	Population dynamics of the gall inducer Eriogallococcus isaias (Hemiptera: Coccoidea: Eriococcidae) on Pseudobombax grandiflorum (Malvaceae)	Magalhaes, Thiago A.; Oliveira, Denis C.; Isaias, Rosy M. S.	JOURNAL OF NATURAL HISTORY	2015	49	13-14	10.1080/00222933.2014.951083
Dylan Z. Childs	0	Time and space affect reproductive biology and phenology in Tibouchina hatschbachii (Melastomataceae), an endemic shrub from subtropical grasslands of southern Brazil	Maia, Fabiano Rodrigo; Telles, Francismeire Jane; Goldenberg, Renato	BOTANICAL JOURNAL OF THE LINNEAN SOCIETY	2018	187	4	10.1093/botlinnean/boy039
Jakob J. Assmann	0	Nutrient limitation of primary producers affects planktivorous fish condition	Malzahn, Arne Michael; Aberle, Nicole; Clemmesen, Catriona; Boersma, Maarten	LIMNOLOGY AND OCEANOGRAPHY	2007	52	5	10.4319/lo.2007.52.5.2062
Jelmer M. Samplonius	0	European oak powdery mildew: impact on trees, effects of environmental factors, and potential effects of climate change	Marcais, Benoit; Desprez-Loustau, Marie-Laure	ANNALS OF FOREST SCIENCE	2014	71	6	10.1007/s13595-012-0252-x
Jakob J. Assmann	0	Phenotypic variation in the phenology of ascospore production between European populations of oak powdery mildew	Marcais, Benoit; Kavkova, Miloslava; Desprez-Loustau, Marie-Laure	ANNALS OF FOREST SCIENCE	2009	66	8	10.1051/forest/2009077
Dylan Z. Childs	0	Fruit availability influences the seasonal abundance of invasive stink bugs in ornamental tree nurseries	Martinson, Holly M.; Venugopal, P. Dilip; Bergmann, Erik J.; Shrewsbury, Paula M.; Raupp, Michael J.	JOURNAL OF PEST SCIENCE	2015	88	3	10.1007/s10340-015-0677-8
Kirsty Macphie	0	Biological control of invasive Dryocosmus kuriphilus with introduced parasitoid Torymus sinensis in Croatia, Slovenia and Hungary	Matosevic, Dinka; Lackovic, Nikola; Melika, George; Kos, Katarina; Franic, Iva; Kriston, Eva; Bozso, Miklos; Seljak, Gabrijel; Rot, Mojca	PERIODICUM BIOLOGORUM	2016	117	4	10.18054/pb.2015.117.4.3445
Jelmer M. Samplonius	0	CONSIDERING THE NUTRITIONAL ECOLOGY OF THE SPRUCE BUDWORM IN ITS MANAGEMENT	MATTSON, WJ; HAACK, RA; LAWRENCE, RK; SLOCUM, SS	FOREST ECOLOGY AND MANAGEMENT	1991	39	1-4	10.1016/0378-1127(91)90176-V
Angus Atkinson	0	Potential and limits for rapid genetic adaptation to warming in a Great Barrier Reef coral	Matz, Mikhail V.; Treml, Eric A.; Aglyamova, Galina V.; Bay, Line K.	PLOS GENETICS	2018	14	4	10.1371/journal.pgen.1007220
Christopher Hassall	0	Arctic-nesting birds find physiological relief in the face of trophic constraints	McKinnon, Laura; Nol, Erica; Juillet, Cedric	SCIENTIFIC REPORTS	2013	3		10.1038/srep01816
Jelmer M. Samplonius	0	PREY FIELD AND DIET OF LARVAL COD ON WESTERN-BANK, SCOTIAN SHELF	MCLAREN, IA; AVENDANO, P	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	1995	52	3	10.1139/f95-046a
Jelmer M. Samplonius	0	Cues and the optimal timing of activities under environmental changes	McNamara, John M.; Barta, Zoltan; Klaassen, Marcel; Bauer, Silke	ECOLOGY LETTERS	2011	14	12	10.1111/j.1461-0248.2011.01686.x
Albert B. Phillimore	0	Early pest development and loss of biological control are associated with urban warming	Meineke, Emily K.; Dunn, Robert R.; Frank, Steven D.	BIOLOGY LETTERS	2014	10	11	10.1098/rsbl.2014.0586
Malcolm D. Burgess	0	Temperature variability is a key component in accurately forecasting the effects of climate change on pest phenology	Merrill, Scott C.; Peairs, Frank B.	PEST MANAGEMENT SCIENCE	2017	73	2	10.1002/ps.4320
Christopher Hassall	0	Escaping herbivory: ocean warming as a refuge for primary producers where consumer metabolism and consumption cannot pursue	Mertens, Nicole L.; Russell, Bayden D.; Connell, Sean D.	OECOLOGIA	2015	179	4	10.1007/s00442-015-3438-8

Jelmer M. Samplonius	0	Long-Term Seasonal Trends in the Prey Community of Delta Smelt (Hypomesus transpacificus) Within the Sacramento-San Joaquin Delta, California	Merz, Joseph E.; Bergman, Paul S.; Simonis, Joseph L.; Delaney, David; Pierson, James; Anders, Paul	ESTUARIES AND COASTS	2016	39	5	10.1007/s12237-016-0097-x
Malcolm D. Burgess	0	ESTIMATION OF FAGUS-SYLVATICA L MATING SYSTEM PARAMETERS IN NATURAL-POPULATIONS	MERZEAU, D; COMPS, B; THIEBAUT, B; LETOUZEY, J	ANNALES DES SCIENCES FORESTIERES	1994	51	2	10.1051/forest:19940206
Owen T. Lewis	0	A new method of describing phytoplankton blooms: Examples from Helgoland Roads	Mieruch, S.; Freund, J. A.; Feudel, U.; Boersma, M.; Janisch, S.; Wiltshire, K. H.	JOURNAL OF MARINE SYSTEMS	2010	79	1-2	10.1016/j.jmarsys.2009.06.004
James Pearce-Higgins	0	Phenology of Mediterranean woody plants from NE Spain: Synchrony, seasonality, and relationships among phenophases	Milla, Ruben; Castro-Diez, Pilar; Montserrat-Marti, Gabriel	FLORA	2010	205	3	10.1016/j.flora.2009.01.006
Emily G. Simmonds	0	Assessing the Relative Importance of Local and Regional Processes on the Survival of a Threatened Salmon Population	Miller, Jessica A.; Teel, David J.; Peterson, William T.; Baptista, Antonio M.	PLOS ONE	2014	9	6	10.1371/journal.pone.0099814
Jelmer M. Samplonius	0	The effects of phenological mismatches on demography	Miller-Rushing, Abraham J.; Hoye, Toke Thomas; Inouye, David W.; Post, Eric	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2010	365	1555	10.1098/rstb.2010.0148
Øystein Varpe	0	Winter color polymorphisms identify global hot spots for evolutionary rescue from climate change	Mills, L. Scott; Bragina, Eugenia V.; Kumar, Alexander V.; Zimova, Marketa; Lafferty, Diana J. R.; Feltner, Jennifer; Davis, Brandon M.; Hacklaender, Klaus; Alves, Paulo C.; Good, Jeffrey M.; Melo-Ferreira, Jose; Dietz, Andreas; Abramov, Alexei V.; Lopatina, Natalia; Fay, Kairsten	SCIENCE	2018	359	6379	10.1126/science.aan8097
James Pearce-Higgins	0	Camouflage mismatch in seasonal coat color due to decreased snow duration	Mills, L. Scott; Zimova, Marketa; Oyler, Jared; Running, Steven; Abatzoglou, John T.; Lukacs, Paul M.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013	110	18	10.1073/pnas.1222724110
Øystein Varpe	0	Could increased understanding of foraging behavior help to predict the success of biological control?	Mills, Nicholas J.; Heimpel, George E.	CURRENT OPINION IN INSECT SCIENCE	2018	27		10.1016/j.cois.2018.02.013
Owen T. Lewis	0	Fish Habitat Degradation in US Reservoirs	Miranda, L. E.; Spickard, M.; Dunn, T.; Webb, K. M.; Aycock, J. N.; Hunt, K.	FISHERIES	2010	35	4	10.1577/1548-8446-35.4.175
Christopher Hassall	0	Synchronisation of Arabidopsis flowering time and whole-plant senescence in seasonal environments	Miryeganeh, Matin; Yamaguchi, Masaki; Kudoh, Hiroshi	SCIENTIFIC REPORTS	2018	8		10.1038/s41598-018-28580-x
Angus Atkinson	0	Subarctic-breeding passerines exhibit phenological resilience to extreme spring conditions	Mizel, Jeremy D.; Schmidt, Joshua H.; McIntyre, Carol L.; Lindberg, Mark S.	ECOSPHERE	2017	8	2	10.1002/ecs2.1680
Kirsty Macphie	0	Crop cultivar affects performance of herbivore enemies and may trigger enhanced pest control by coaction of different parasitoid species	Mody, Karsten; Collatz, Jana; Bucharova, Anna; Dorn, Silvia	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	2017	245		10.1016/j.agee.2017.05.009
Kirsty Macphie	0	Timing of seasonal migration in mule deer: effects of climate, plant phenology, and life-history characteristics	Monteith, Kevin L.; Bleich, Vernon C.; Stephenson, Thomas R.; Pierce, Becky M.; Conner, Mary M.; Klaver, Robert W.; Bowyer, R. Terry	ECOSPHERE	2011	2	4	10.1890/ES10-00096.1
Christopher Hassall	0	Mechanistic approaches to understanding and predicting mammalian space use: recent advances, future directions	Moorcroft, Paul R.	JOURNAL OF MAMMALOGY	2012	93	4	10.1644/11-MAMM-S-254.1
Katherine Keogan	0	Photoperiod-independent changes in immunoreactive brain gonadotropin-releasing hormone (GnRH) in a free-living, tropical bird	Moore, IT; Bentley, GE; Wotus, C; Wingfield, JC	BRAIN BEHAVIOR AND EVOLUTION	2006	68	1	10.1159/000093059

Nathalie Pettorelli	0	Diapause termination of Rhagoletis cerasi pupae is regulated by local adaptation and phenotypic plasticity: escape in time through bet-hedging strategies	Moraiti, C. A.; Nakas, C. T.; Papadopoulos, N. T.	JOURNAL OF EVOLUTIONARY BIOLOGY	2014	27	1	10.1111/jeb.12273
Christopher Hassall	0	Obligate annual and successive facultative diapause establish a bet-hedging strategy of Rhagoletis cerasi (Diptera: Tephritidae) in seasonally unpredictable environments	Moraiti, Cleopatra A.; Papadopoulos, Nikos T.	PHYSIOLOGICAL ENTOMOLOGY	2017	42	3	10.1111/phen.12206
Owen T. Lewis	0	Analysis of trophic interactions reveals highly plastic response to climate change in a tri-trophic High-Arctic ecosystem	Mortensen, Lars O.; Schmidt, Niels Martin; Hoye, Toke T.; Damgaard, Christian; Forchhammer, Mads C.	POLAR BIOLOGY	2016	39	8	10.1007/s00300-015-1872-z
Jelmer M. Samplonius	0	Simulated migration in a long-term climate change experiment: invasions impeded by dispersal limitation, not biotic resistance	Moser, Barbara; Fridley, Jason D.; Askew, Andrew P.; Grime, J. Philip	JOURNAL OF ECOLOGY	2011	99	5	10.1111/j.1365-2745.2011.01841.x
Albert B. Phillimore	0	Variation in bioaccumulation of persistent organic pollutants based on octanol-air partitioning: Influence of respiratory elimination in marine species	Moses, Sara K.; Harley, John R.; Lieske, Camilla L.; Muir, Derek C. G.; Whiting, Alex V.; O'Hara, Todd M.	MARINE POLLUTION BULLETIN	2015	100	1	10.1016/j.marpolbul.2015.09.020
Øystein Varpe	0	Modeling of reproduction in the intertidal macrophyte Fucus vesiculosus and implications for spatial subsidies in the nearshore environment	Muhlin, J. F.; Coleman, M. A.; Rees, T. A. V.; Brawley, S. H.	MARINE ECOLOGY PROGRESS SERIES	2011	440		10.3354/meps09350
Francis Daunt	0	Intraspecific priority effects modify compensatory responses to changes in hatching phenology in an amphibian	Murillo-Rincon, Andrea P.; Kolter, Nora A.; Laurila, Anssi; Orizaola, German	JOURNAL OF ANIMAL ECOLOGY	2017	86	1	10.1111/1365-2656.12605
Malcolm D. Burgess	0	Variability in size-selective mortality obscures the importance of larval traits to recruitment success in a temperate marine fish	Murphy, Hannah M.; Warren-Myers, Fletcher W.; Jenkins, Gregory P.; Hamer, Paul A.; Swearer, Stephen E.	OECOLOGIA	2014	175	4	10.1007/s00442-014-2968-9
Francis Daunt	0	Insects in a warmer world: ecological, physiological and life-history responses of true bugs (Heteroptera) to climate change	Musolin, Dmitry L.	GLOBAL CHANGE BIOLOGY	2007	13	8	10.1111/j.1365-2486.2007.01395.x
Jelmer M. Samplonius	0	Impacts of Insect Herbivores on Plant Populations	Myers, Judith H.; Sarfraz, Rana M.	ANNUAL REVIEW OF ENTOMOLOGY, VOL 62	2017	62		10.1146/annurev-ento-010715-023826
Emily G. Simmonds	0	Ungulate migration, plant phenology, and large carnivores: The times they are a-changin'	Mysterud, Atle	ECOLOGY	2013	94	6	10.1890/12-0505.1
Jelmer M. Samplonius	0	Synchronizing biological cycles as key to survival under a scenario of global change: The Common quail (Coturnix coturnix) strategy	Nadal, Jesus; Ponz, Carolina; Margalida, Antoni	SCIENCE OF THE TOTAL ENVIRONMENT	2018	613		10.1016/j.scitotenv.2017.09.168
Jacob Johansson	0	Reproductive phenology of a northeast Brazilian mangrove community: Environmental and biotic constraints	Nadia, Tarcila de Lima; Cerdeira Morellato, Leonor Patricia; Machado, Isabel Cristina	FLORA	2012	207	9	10.1016/j.flora.2012.06.020
Øystein Varpe	0	CRUCIAL FACTORS DETERMINING THE SPATIOTEMPORAL DISTRIBUTION PATTERNS OF 3 ATHALIA SAWFLIES FEEDING ON COMMON CRUCIFEROUS PLANTS	NAGASAKA, K	RESEARCHES ON POPULATION ECOLOGY	1991	33	1	10.1007/BF02514578
Kirsty Macphie	0	A perspective on match/mismatch of phenology in community contexts	Nakazawa, Takefumi; Doi, Hideyuki	OIKOS	2012	121	4	10.1111/j.1600-0706.2011.20171.x

Emily G. Simmonds	0	Signals from the south; humpback whales carry messages of Antarctic sea-ice ecosystem variability	Nash, Susan M. Bengtson; Castrillon, Juliana; Eisenmann, Pascale; Fry, Brian; Shuker, Jon D.; Cropp, Roger A.; Dawson, Amanda; Bignert, Anders; Bohlin-Nizzetto, Pernilla; Waugh, Courtney A.; Polkinghorne, Bradley J.; Dalle Luche, Greta; McLagan, David	GLOBAL CHANGE BIOLOGY	2018	24	4	10.1111/gcb.14035
Emily G. Simmonds	0	Climate change, phenology, and butterfly host plant utilization	Navarro-Cano, Jose A.; Karlsson, Bengt; Posledovich, Diana; Toftegaard, Tenna; Wiklund, Christer; Ehrlen, Johan; Gotthard, Karl	AMBIO	2015	44		10.1007/s13280-014-0602-z
Katherine Keogan	0	The delay in arrival of the parasitoid Diaeretiella rapae influences the efficiency of cabbage aphid biological control	Neuville, Sara; Le Ralec, Anne; Outreman, Yannick; Jaloux, Bruno	BIOCONTROL	2016	61	2	10.1007/s10526-015-9702-3
Jacob Johansson	0	Estuarine ichthyoplankton ecology in relation to hydrology and zooplankton dynamics in a salt-wedge estuary	Newton, GM	MARINE AND FRESHWATER RESEARCH	1996	47	2	10.1071/MF9960099
Francis Daunt	0	Interacting environmental and chemical stresses under global change in temperate aquatic ecosystems: stress responses, adaptation, and scaling	Niinemets, Ulo; Kahru, Anne; Mander, Ulo; Noges, Peeter; Noges, Tiina; Tuvikene, Arvo; Vasemagi, Anti	REGIONAL ENVIRONMENTAL CHANGE	2017	17	7	10.1007/s10113-017-1196-3
Jelmer M. Samplonius	0	The influence of temperature and photoperiod on the timing of brood onset in hibernating honey bee colonies	Nuernberger, Fabian; Haertel, Stephan; Steffan-Dewenter, Ingolf	PEERJ	2018	6		10.7717/peerj.4801
Jelmer M. Samplonius	0	The foraging ecology of larval and juvenile fishes	Nunn, A. D.; Tewson, L. H.; Cowx, I. G.	REVIEWS IN FISH BIOLOGY AND FISHERIES	2012	22	2	10.1007/s11160-011-9240-8
Christopher Hassall	0	Native and introduced range surveys for egg parasitoids of Agrilus auroguttatus, an invasive pest of native oaks in California	Nyberg, P; Bergstrand, E; Degerman, E; Enderlein, O	AMBIO	2001	30	8	10.1639/0044-7447(2001)030[0559:ROPFIA]2.0.CO;2
Dylan Z. Childs	0	Responses of phenology, synchrony and fecundity of breeding by African ungulates to interannual variation in rainfall	Ogutu, Joseph O.; Piepho, Hans-Peter; Dublin, Holly T.	WILDLIFE RESEARCH	2013	40	8	10.1071/WR13117
Jamie C. Weir	0	Rainfall extremes explain interannual shifts in timing and synchrony of calving in topi and warthog	Ogutu, Joseph O.; Piepho, Hans-Peter; Dublin, Holly T.; Bhola, Nina; Reid, Robin S.	POPULATION ECOLOGY	2010	52	1	10.1007/s10144-009-0163-3
Francis Daunt	0	Water stress and phenological synchronism between Copaifera langsdorffii (Fabaceae) and multiple galling insects: formation of seasonal patterns	Oliveira, D. C.; Mendonca, M. S., Jr.; Moreira, A. S. F. P.; Lemos-Filho, J. P.; Isaias, R. M. S.	JOURNAL OF PLANT INTERACTIONS	2013	8	3	10.1080/17429145.2012.705339
Jakob J. Assmann	0	The potential for phenological mismatch between a perennial herb and its ground-nesting bee pollinator	Olliff-Yang, Rachael L.; Mesler, Michael R.	AOB PLANTS	2018	10	4	10.1093/aobpla/ply040
James Pearce-Higgins	0	Phenological synchrony between the austral thrush Turdus falcklandii (Passeriformes: Turdidae) and its food resources within forests and prairies in southern Chile	Orellana, Jose I.; Smith-Ramirez, Cecilia; Rau, Jaime R.; Sade, Soraya; Gantz, Alberto; Valdivia, Carlos E.	REVISTA CHILENA DE HISTORIA NATURAL	2014	87		10.1186/s40693-014-0011-5

Katherine Keogan	0	Basin-scale phenology and effects of climate variability on global timing of initial seaward migration of Atlantic salmon (Salmo salar)	Otero, Jaime; L'Abee-Lund, Jan Henning; Castro-Santos, Ted; Leonardsson, Kjell; Storvik, Geir O.; Jonsson, Bror; Dempson, Brian; Russell, Ian C.; Jensen, Arne J.; Bagliniere, Jean-Luc; Dionne, Melanie; Armstrong, John D.; Romakkaniemi, Atso; Letcher, Benjamin H.; Kocik, John F.; Erkinaro, Jaakko; Poole, Russell; Rogan, Ger; Lundqvist, Hans; MacLean, Julian C.; Jokikokko, Erkki; Arnekleiv, Jo Vegar; Kennedy, Richard J.; Niemela, Eero; Caballero, Pablo; Music, Paul A.; Antonsson, Thorolfur; Gudjonsson, Sigurdur; Veselov, Alexey E.; Lamberg, Anders; Groom, Steve; Taylor, Benjamin H.; Taberner, Malcolm; Dillane, Mary; Arnason, Fridthjofur; Horton, Gregg; Hvidsten, Nils A.; Jonsson, Ingi R.; Jonsson, Nina; McKelvey, Simon; Naesje, Tor F.; Skaala, Oystein; Smith, Gordon W.; Saegrov, Harald; Stenseth, Nils C.; Vollestad, Leif Asbjorn	GLOBAL CHANGE BIOLOGY	2014	20	1	10.1111/gcb.12363
Malcolm D. Burgess	0	Spring oceanographic conditions and northern shrimp Pandalus borealis recruitment success in the north-western Gulf of St. Lawrence	Ouellet, Patrick; Savard, Louise; Larouche, Pierre	MARINE ECOLOGY PROGRESS SERIES	2007	339		10.3354/meps339229
Albert B. Phillimore	0	Community-level phenological response to climate change	Ovaskainen, Otso; Skorokhodova, Svetlana; Yakovleva, Marina; Sukhov, Alexander; Kutenkov, Anatoliy; Kutenkova, Nadezhda; Shcherbakov, Anatoliy; Meyke, Evegeniy; del Mar Delgado, Maria	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2013	110	33	10.1073/pnas.1305533110
Katherine Keogan	0	Spatial and Temporal Variability in Instantaneous Growth, Mortality, and Recruitment of Larval River Herring in Tar-Pamlico River, North Carolina	Overton, Anthony S.; Jones, Nicholas A.; Rulifson, Roger	MARINE AND COASTAL FISHERIES	2012	4	1	10.1080/19425120.2012.675976
Owen T. Lewis	0	Spawning dynamics in the Hawaiian reef-building coral Montipora capitata	Padilla-Gamino, Jacqueline L.; Gates, Ruth D.	MARINE ECOLOGY PROGRESS SERIES	2012	449		10.3354/meps09530
Nathalie Pettorelli	0	Population dynamics of Oligonychus afrasiaticus in the southern Arava Valley of Israel in relation to date fruit characteristics and climatic conditions	Palevsky, E; Borochov-Neori, H; Gerson, U	AGRICULTURAL AND FOREST ENTOMOLOGY	2005	7	4	10.1111/j.1461-9555.2005.00270.x
Malcolm D. Burgess	0	Veligers of the invasive bivalve Limnoperna fortunei in the diet of indigenous fish larvae in a eutrophic subtropical reservoir	Paolucci, Esteban M.; Leites, Valentin; Cataldo, Daniel H.; Boltovskoy, Demetrio	AUSTRAL ECOLOGY	2017	42	7	10.1111/aec.12493
Kirsty Macphie	0	Physiological and biological patterns of a highland and a coastal population of the European cherry fruit fly during diapause	Papanastasiou, Stella A.; Nestel, David; Diamantidis, Alexandros D.; Nakas, Christos T.; Papadopoulos, Nikos T.	JOURNAL OF INSECT PHYSIOLOGY	2011	57	1	10.1016/j.jinsphys.2010.09.008
Jelmer M. Samplonius	0	Ecological and evolutionary responses to recent climate change	Parmesan, Camille	ANNUAL REVIEW OF ECOLOGY EVOLUTION AND SYSTEMATICS	2006	37		10.1146/annurev.ecolsys.37.091305.110100
Malcolm D. Burgess	0	Endangered Quino checkerspot butterfly and climate change: Short-term success but long-term vulnerability?	Parmesan, Camille; Williams-Anderson, Alison; Moskwik, Matthew; Mikheyev, Alexander S.; Singer, Michael C.	JOURNAL OF INSECT CONSERVATION	2015	19	2	10.1007/s10841-014-9743-4
Nathalie Pettorelli	0	Does climate change explain the decline of a trans-Saharan Afro-Palaearctic migrant?	Pearce-Higgins, J. W.; Yalden, D. W.; Dougall, T. W.; Beale, C. M.	OECOLOGIA	2009	159	3	10.1007/s00442-008-1242-4
Katherine Keogan	0	Drivers of climate change impacts on bird communities	Pearce-Higgins, James W.; Eglington, Sarah M.; Martay, Blaise; Chamberlain, Dan E.	JOURNAL OF ANIMAL ECOLOGY	2015	84	4	10.1111/1365-2656.12364
Owen T. Lewis	0	Adaptation to host plants may prevent rapid insect responses to climate change	Pelini, Shannon L.; Keppel, Jessica A.; Kelley, Ann E.; Hellmann, Jessica. J.	GLOBAL CHANGE BIOLOGY	2010	16	11	10.1111/j.1365-2486.2010.02177.x

Emily G. Simmonds	0	Climate Change and Temporal and Spatial Mismatches in Insect Communities	Pelini, Shannon L.; Prior, Kirsten M.; Parker, Derrick J.; Dzurisin, Jason D. K.; Lindroth, Richard L.; Hellmann, Jessica J.	CLIMATE CHANGE: OBSERVED IMPACTS ON PLANET EARTH	2009			10.1016/B978-0-444-53301-2.00011-7
Dylan Z. Childs	0	Phenomorphology and ecomorphological traits in Abies pinsapo. A comparison to other Mediterranean species	Perez Latorre, Andres V.; Cabezudo, Baltasar	PHYTOCOENOLOGIA	2012	42	1-2	10.1127/0340-269X/2012/0042-0517
Jacob Johansson	0	Synchronisms between bud and cambium phenology in black spruce: early-flushing provenances exhibit early xylem formation	Perrin, Magali; Rossi, Sergio; Isabel, Nathalie	TREE PHYSIOLOGY	2017	37	5	10.1093/treephys/tpx019
Francis Daunt	0	Individual resource limitation combined with population-wide pollen availability drives masting in the valley oak (Quercus lobata)	Pesendorfer, Mario B.; Koenig, Walter D.; Pearse, Ian S.; Knops, Johannes M. H.; Funk, Kyle A.	JOURNAL OF ECOLOGY	2016	104	3	10.1111/1365-2745.12554
Angus Atkinson	0	A conceptual view of environment-habitat-production linkages in tidal river estuaries	Peterson, MS	REVIEWS IN FISHERIES SCIENCE	2003	11	4	10.1080/10641260390255844
Kirsty Macphie	0	Evaluating Predators and Competitors in Wisconsin Red Pine Forests for Attraction to Mountain Pine Beetle Pheromones for Anticipatory Biological Control	Pfammatter, Jesse A.; Krause, Adam; Raffa, Kenneth F.	ENVIRONMENTAL ENTOMOLOGY	2015	44	4	10.1093/ee/nvv091
Kirsty Macphie	0	Response of parasitoid egg load to host dynamics and implications for egg load evolution	Phillips, C. B.; Kean, J. M.	JOURNAL OF EVOLUTIONARY BIOLOGY	2017	30	7	10.1111/jeb.13095
Katherine Keogan	0	Spruce colonization at treeline: where do those seeds come from?	Piotti, A.; Leonardi, S.; Piovani, P.; Scalfi, M.; Menozzi, P.	HEREDITY	2009	103	2	10.1038/hdy.2009.42
Francis Daunt	0	Anchovy foraging: simulating spatial and temporal match/mismatches with zooplankton	Plaganyi, EE; Hutchings, L; Field, JG	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	2000	57	10	10.1139/cjfas-57-10-2044
Jamie C. Weir	0	Climate effects on the flight period of Lycaenid butterflies in Massachusetts	Polgar, Caroline A.; Primack, Richard B.; Williams, Ernest H.; Stichter, Sharon; Hitchcock, Colleen	BIOLOGICAL CONSERVATION	2013	160		10.1016/j.biocon.2012.12.024
Jamie C. Weir	0	The developmental race between maturing host plants and their butterfly herbivore - the influence of phenological matching and temperature	Posledovich, Diana; Toftegaard, Tenna; Wiklund, Christer; Ehrlen, Johan; Gotthard, Karl	JOURNAL OF ANIMAL ECOLOGY	2015	84	6	10.1111/1365-2656.12417
Angus Atkinson	0	The release and unsuccessful establishment of the Melaleuca biological control agent Fergusonina turneri and its mutualistic nematode Fergusobia quinquenerviae	Pratt, Paul D.; Blackwood, Scott; Wright, Susan A.; Purcell, Matthew; Rayamajhi, Min B.; Giblin-Davis, Robin M.; Scheffer, Sonja J.; Tipping, Philip W.; Center, Ted D.	BIOCONTROL	2013	58	4	10.1007/s10526-013-9505-3
Katherine Keogan	0	Resource-driven terrestrial interaction webs	Price, PW	ECOLOGICAL RESEARCH	2002	17	2	10.1046/j.1440-1703.2002.00483.x
James Pearce-Higgins	0	Seasonal variability of cephalopod populations: a spatio-temporal approach in the Western Mediterranean Sea	Puerta, Patricia; Quetglas, Antoni; Hidalgo, Manuel	FISHERIES OCEANOGRAPHY	2016	25	4	10.1111/fog.12159
Nathalie Pettorelli	0	Convergence in leaf phenology traits of two understorey ferns in the northwestern Iberian Peninsula	Quintanilla, Luis G.; Pias, Beatriz	JOURNAL OF PLANT ECOLOGY	2018	11	1	10.1093/jpe/rtw125
Jamie C. Weir	0	Effects of experimental shifts in flowering phenology on plant-pollinator interactions	Rafferty, Nicole E.; Ives, Anthony R.	ECOLOGY LETTERS	2011	14	1	10.1111/j.1461-0248.2010.01557.x

Emily G. Simmonds	0	Assessing phenological synchrony between the Chinese sawfly, Cephus fumipennis (Hymenoptera: Cephidae), its egg-larval parasitoid, Collyria catoptron (Hymenoptera: Ichneumonidae), and the North American sawfly, Cephus cinctus: implications for biological control	Rand, Tatyana A.; Morrill, Wendell L.; Runyon, Justin B.; Hoelmer, Kim A.; Shanower, Thomas G.; Littlefield, Jeffrey L.; Weaver, David K.	CANADIAN ENTOMOLOGIST	2016	148	4	10.4039/tce.2015.64
Jelmer M. Samplonius	0	Contraception can Lead to Trophic Asynchrony between Birth Pulse and Resources	Ransom, Jason I.; Hobbs, N. Thompson; Bruemmer, Jason	PLOS ONE	2013	8	1	10.1371/journal.pone.0054972
Francis Daunt	0	Phenological synchronization drives demographic rates of populations	Rasmussen, Nick L.; Rudolf, Volker H. W.	ECOLOGY	2015	96	7	10.1890/14-1919.1
Stephen J. Thackeray	0	Linking phenological shifts to species interactions through size-mediated priority effects	Rasmussen, Nick L.; Van Allen, Benjamin G.; Rudolf, Volker H. W.	JOURNAL OF ANIMAL ECOLOGY	2014	83	5	10.1111/1365-2656.12203
Jakob J. Assmann	0	Response of flowering and seed production of sandalwood (Santalum album Linn., Santalaceae) to climate changes	Ratnaningrum, Yeni W. N.; Indrioko, Sapto	5th Sustainable Future for Human Security (SustaiN 2014)	2015	28		10.1016/j.proenv.2015.07.078
Jelmer M. Samplonius	0	Population Growth in a Wild Bird Is Buffered Against Phenological Mismatch	Reed, Thomas E.; Grotan, Vidar; Jenouvrier, Stephanie; Saether, Bernt-Erik; Visser, Marcel E.	SCIENCE	2013	340	6131	10.1126/science.1232870
Jelmer M. Samplonius	0	Increased seed consumption by biological control weevil tempers positive CO2 effect on invasive plant (Centaurea diffusa) fitness	Reeves, Justin L.; Blumenthal, Dana M.; Kray, Julie A.; Derner, Justin D.	BIOLOGICAL CONTROL	2015	84		10.1016/j.biocontrol.2015.02.005
Christopher Hassall	0	Temperature effects on egg development and larval condition in the lesser sandeel, Ammodytes marinus	Regnier, Thomas; Gibb, Fiona M.; Wright, Peter J.	JOURNAL OF SEA RESEARCH	2018	134		10.1016/j.seares.2018.01.003
Malcolm D. Burgess	0	Cushion plants are foundation species with positive effects extending to higher trophic levels	Reid, Anya M.; Lortie, Christopher J.	ECOSPHERE	2012	3	11	10.1890/ES12-00106.1
Jelmer M. Samplonius	0	Inter-annual weather variability can drive the outcome of predator prey match in ponds	Reinhardt, Timm; Steinfartz, Sebastian; Weitere, Markus	AMPHIBIA-REPTILIA	2015	36	2	10.1163/15685381-00002982
Albert B. Phillimore	0	Life history of the freshwater mussel Unio tumidiformis (Bivalvia: Unionidae) in a temporary Mediterranean-type stream	Reis, Joaquim; Araujo, Rafael	INVERTEBRATE BIOLOGY	2016	135	1	10.1111/ivb.12114
James Pearce-Higgins	0	Phenological matching across hemispheres in a long-distance migratory bird	Renfrew, Rosalind B.; Kim, Daniel; Perlut, Noah; Smith, Joseph; Fox, James; Marra, Peter P.	DIVERSITY AND DISTRIBUTIONS	2013	19	8	10.1111/ddi.12080
Jacob Johansson	0	Elements of population dynamics of bagworm (Lepidoptera : Psychidae) on hedge rows of white pine	Rhainds, Marc; Sadof, Clifford	ANNALS OF THE ENTOMOLOGICAL SOCIETY OF AMERICA	2008	101	5	10.1603/0013-8746(2008)101[872:EOPDOB]2.0.CO;2
Malcolm D. Burgess	0	Corn as trap crop to control Helicoverpa zea in tomato fields: importance of phenological synchronization and choice of cultivar	Rhino, B.; Grechi, I.; Marliac, G.; Trebeau, M.; Thibaut, C.; Ratnadass, A.	INTERNATIONAL JOURNAL OF PEST MANAGEMENT	2014	60	1	10.1080/09670874.2014.900708
Dylan Z. Childs	0	Transgenerational phenotypic plasticity links breeding phenology with offspring life-history	Richter-Boix, Alex; Orizaola, German; Laurila, Anssi	ECOLOGY	2014	95	10	10.1890/13-1996.1
Nathalie Pettorelli	0	Estimating the Food Requirements and Prey Size Spectra of Larval American Shad	Riley, Kenneth L.; Binion, Samantha M.; Overton, Anthony S.	MARINE AND COASTAL FISHERIES	2012	4	1	10.1080/19425120.2012.675979
Jakob J. Assmann	0	Effects of intra- and inter-annual variability in prey field on the feeding selectivity of larval Atlantic mackerel (Scomber scombrus)	Robert, Dominique; Castonguay, Martin; Fortier, Louis	JOURNAL OF PLANKTON RESEARCH	2008	30	6	10.1093/plankt/fbn030

Jelmer M. Samplonius	0	Artificial light at night desynchronizes strictly seasonal reproduction in a wild mammal	Robert, Kylie A.; Lesku, John A.; Partecke, Jesko; Chambers, Brian	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2015	282	1816	
Jelmer M. Samplonius	0	The causes of dispersal and the cost of carry-over effects for an endangered bird in a dynamic wetland landscape	Robertson, Ellen P.; Fletcher, Robert J., Jr.; Austin, James D.	JOURNAL OF ANIMAL ECOLOGY	2017	86	4	10.1111/1365-2656.12676
Christopher Hassall	0	Tree-ring response of jack pine and scots pine to budworm defoliation in central Canada	Robson, J. R. M.; Conciatori, F.; Tardif, J. C.; Knowles, K.	FOREST ECOLOGY AND MANAGEMENT	2015	347		10.1016/j.foreco.2015.03.018
Jakob J. Assmann	0	A coffee agroecosystem model: III. Parasitoids of the coffee berry borer (Hypothenemus hampei)	Rodriguez, Daniel; Cure, Jose Ricardo; Gutierrez, Andrew Paul; Miguel Cotes, Jose	ECOLOGICAL MODELLING	2017	363		10.1016/j.ecolmodel.2017.08.008
Albert B. Phillimore	0	Effects of flowering phenology and synchrony on the reproductive success of a long-flowering shrub	Rodriguez-Perez, Javier; Traveset, Anna	AOB PLANTS	2016	8		10.1093/aobpla/plw007
Francis Daunt	0	The genetic basis of intrinsic and extrinsic post-zygotic reproductive isolation jointly promoting speciation in the lake whitefish species complex (Coregonus clupeaformis)	Rogers, S. M.; Bernatchez, L.	JOURNAL OF EVOLUTIONARY BIOLOGY	2006	19	6	10.1111/j.1420-9101.2006.01150.x
Stephen J. Thackeray	0	Circadian genes polymorphism and breeding phenology in a resident bird, the yellow-legged gull	Romano, A.; Possenti, C. D.; Caprioli, M.; Gatti, E.; Gianfranceschi, L.; Rubolini, D.; Saino, N.; Parolini, M.	JOURNAL OF ZOOLOGY	2018	304	2	10.1111/jzo.12501
Jelmer M. Samplonius	0	Elevated Temperature and Drought Interact to Reduce Parasitoid Effectiveness in Suppressing Hosts	Romo, Cecilia M.; Tylianakis, Jason M.	PLOS ONE	2013	8	3	10.1371/journal.pone.0058136
Jelmer M. Samplonius	0	Organizing phenological data resources to inform natural resource conservation	Rosemartin, Alyssa H.; Crimmins, Theresa M.; Enquist, Carolyn A. F.; Gerst, Katharine L.; Kellermann, Jherime L.; Posthumus, Erin E.; Denny, Ellen G.; Guertin, Patricia; Marsh, Lee; Weltzin, Jake F.	BIOLOGICAL CONSERVATION	2014	173		10.1016/j.biocon.2013.07.003
Albert B. Phillimore	0	Climate Change, Nutrition, and Bottom-Up and Top-Down Food Web Processes	Rosenblatt, Adam E.; Schmitz, Oswald J.	TRENDS IN ECOLOGY & EVOLUTION	2016	31	12	10.1016/j.tree.2016.09.009
Albert B. Phillimore	0	Are life history events of a northern breeding population of Cooper's Hawks influenced by changing climate?	Rosenfield, Robert N.; Hardin, Madeline G.; Bielefeldt, John; Keyel, Edward R.	ECOLOGY AND EVOLUTION	2017	7	1	10.1002/ece3.2619
Christopher Hassall	0	Oviposition pattern and within-season spatial and temporal variation of pre-dispersal seed predation in a population of Mimosa bimucronata trees	Rossi, Marcelo N.; da Silva Rodrigues, Ligia M.; Ishino, Marcos N.; Kestring, Debora	ARTHROPOD-PLANT INTERACTIONS	2011	5	3	10.1007/s11829-011-9130-y
Angus Atkinson	0	Local adaptations and climate change: converging sensitivity of bud break in black spruce provenances	Rossi, Sergio	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	2015	59	7	10.1007/s00484-014-0900-y
Øystein Varpe	0	Phenology, synchrony and host range of the Tasmanian population of Cotesia urabae introduced into New Zealand for the biocontrol of Uraba lugens	Rowbottom, Raylea M.; Allen, Geoff R.; Walker, Paul W.; Berndt, Lisa A.	BIOCONTROL	2013	58	5	10.1007/s10526-013-9524-0
Owen T. Lewis	0	Similarities in butterfly emergence dates among populations suggest local adaptation to climate	Roy, David B.; Oliver, Tom H.; Botham, Marc S.; Beckmann, Bjorn; Brereton, Tom; Dennis, Roger L. H.; Harrower, Colin; Phillimore, Albert B.; Thomas, Jeremy A.	GLOBAL CHANGE BIOLOGY	2015	21	9	10.1111/gcb.12920
Dylan Z. Childs	0	Avian Community Responses to Variability in River Hydrology	Royan, Alexander; Hannah, David M.; Reynolds, S. James; Noble, David G.; Sadler, Jonathan P.	PLOS ONE	2013	8	12	10.1371/journal.pone.0083221
Malcolm D. Burgess	0	The role of cold cues at different life stages on germination and flowering phenology	Rubin, Matthew J.; Friedman, Jannice	AMERICAN JOURNAL OF BOTANY	2018	105	4	10.1002/ajb2.1055

Jelmer M. Samplonius	0	Nonlinear effects of phenological shifts link interannual variation to species interactions	Rudolf, Volker H. W.	JOURNAL OF ANIMAL ECOLOGY	2018	87	5	10.1111/1365-2656.12850
Albert B. Phillimore	0	LIFE-HISTORY STUDIES OF THE PERENNIAL GEOPHYTE HAEMANTHUS-PUBESCENS L SUBSPECIES PUBESCENS (AMARYLLIDACEAE) IN LOWLAND COASTAL FYNBOS, SOUTH-AFRICA	RUITERS, C; MCKENZIE, B; RAITT, LM	INTERNATIONAL JOURNAL OF PLANT SCIENCES	1993	154	3	10.1086/297127
Jelmer M. Samplonius	0	Indirect interaction between two native thistles mediated by an invasive exotic floral herbivore	Russell, FL; Louda, SM	OECOLOGIA	2005	146	3	10.1007/s00442-005-0204-3
Jelmer M. Samplonius	0	Supporting crop pollinators with floral resources: network-based phenological matching	Russo, Laura; DeBarros, Nelson; Yang, Suann; Shea, Katriona; Mortensen, David	ECOLOGY AND EVOLUTION	2013	3	9	10.1002/ece3.703
Jelmer M. Samplonius	0	Spatial and temporal variation in the genetic composition of a larval cod (Gadus morhua) aggregation: Cohort contribution and genetic stability	Ruzzante, DE; Taggart, CT; Cook, D	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	1996	53	12	10.1139/cjfas-53-12-2695
Øystein Varpe	0	Multispecies comparisons of adaptability to climate change: A role for life-history characteristics?	Saalfeld, Sarah T.; Lanctot, Richard B.	ECOLOGY AND EVOLUTION	2017	7	24	10.1002/ece3.3517
Katherine Keogan	0	Photoperiodic cues regulate phenological carry-over effects in an herbivorous insect	Salis, Lucia; van den Hoorn, Erik; Beersma, Domien G. M.; Hut, Roelof A.; Visser, Marcel E.	FUNCTIONAL ECOLOGY	2018	32	1	10.1111/1365-2435.12953
Stephen J. Thackeray	0	On the nature of agrobiont spiders	Samu, F; Szinetar, C	JOURNAL OF ARACHNOLOGY	2002	30	2	10.1636/0161-8202(2002)030[0389:OTNOAS]2.0.CO;2
Jelmer M. Samplonius	0	Inter and intraspecific variation on reproductive phenology of the Brazilian Atlantic forest Rubiaceae: ecology and phylogenetic constraints	SanMartin-Gajardo, I; Morellato, LPC	REVISTA DE BIOLOGIA TROPICAL	2003	51	3-4	
Jelmer M. Samplonius	0	Stronger response of farmland birds than farmers to climate change leads to the emergence of an ecological trap	Santangeli, Andrea; Lehikoinen, Aleksi; Bock, Anna; Peltonen-Sainio, Pirjo; Jauhiainen, Lauri; Girardello, Marco; Valkama, Jari	BIOLOGICAL CONSERVATION	2018	217		10.1016/j.biocon.2017.11.002
Nathalie Pettorelli	0	Winter and spring ecology of Anaphes nitens, a solitary egg-parasitoid of the Eucalyptus snout-beetle Gonipterus scutellatus	Santolamazza-Carbone, Serena; Pestana Nieto, Montserrat; Perez Otero, Rosa; Mansilla Vazquez, Pedro; Cordero Rivera, Adolfo	BIOCONTROL	2009	54	2	10.1007/s10526-008-9184-7
Jelmer M. Samplonius	0	Tent caterpillars are robust to variation in leaf phenology and quality in two thermal environments	Sarfraz, Rana M.; Kharouba, Heather M.; Myers, Judith H.	BULLETIN OF ENTOMOLOGICAL RESEARCH	2013	103	5	10.1017/S0007485312000892
Emily G. Simmonds	0	Abundance and distribution of Stolephorus baganensis Hardenberg 1933 and Thryssa kammalensis (Bleeker 1849) larvae in relation to ontogeny and environmental factors in a Malaysian estuary	Sarpedonti, V.; Chong, V. C.	TROPICAL ZOOLOGY	2008	21	2	
Francis Daunt	0	Match-mismatch dynamics and the relationship between ocean-entry timing and relative ocean recoveries of Central Valley fall run Chinook salmon	Satterthwaite, William H.; Carlson, Stephanie M.; Allen-Moran, Shanae D.; Vincenzi, Simone; Bograd, Steven J.; Wells, Brian K.	MARINE ECOLOGY PROGRESS SERIES	2014	511		10.3354/meps10934
Jelmer M. Samplonius	0	Increasing Temperature, Not Mean Temperature, Is a Cue for Avian Timing of Reproduction	Schaper, Sonja V.; Dawson, Alistair; Sharp, Peter J.; Gienapp, Phillip; Caro, Samuel P.; Visser, Marcel E.	AMERICAN NATURALIST	2012	179	2	10.1086/663675
Jelmer M. Samplonius	0	The limits of modifying migration speed to adjust to climate change	Schmaljohann, Heiko; Both, Christiaan	NATURE CLIMATE CHANGE	2017	7	8	10.1038/NCLIMATE3336

Jamie C. Weir	0	Flexible reaction norms to environmental variables along the migration route and the significance of stopover duration for total speed of migration in a songbird migrant	Schmaljohann, Heiko; Lisovski, Simeon; Bairlein, Franz	FRONTIERS IN ZOOLOGY	2017	14		10.1186/s12983-017-0203-3
Jelmer M. Samplonius	0	Caterpillar biomass depends on temperature and precipitation, but does not affect bird reproduction	Schoell, Eva Maria; Ohm, Judith; Hoffmann, Konstantin Frank; Hille, Sabine Marlene	ACTA OECOLOGICA-INTERNATIONAL JOURNAL OF ECOLOGY	2016	74		10.1016/j.actao.2016.06.004
Jamie C. Weir	0	Differences in photoperiod-induced diapause plasticity among different populations of the bark beetle Ips typographus and its predator Thanasimus formicarius	Schroeder, Martin; Dalin, Peter	AGRICULTURAL AND FOREST ENTOMOLOGY	2017	19	2	10.1111/afe.12189
Jamie C. Weir	0	Shifting and extension of phenological periods with increasing temperature along elevational transects in southern Bavaria	Schuster, C.; Estrella, N.; Menzel, A.	PLANT BIOLOGY	2014	16	2	10.1111/plb.12071
Øystein Varpe	0	Simulated climate warming alters phenological synchrony between an outbreak insect herbivore and host trees	Schwartzberg, Ezra G.; Jamieson, Mary A.; Raffa, Kenneth F.; Reich, Peter B.; Montgomery, Rebecca A.; Lindroth, Richard L.	OECOLOGIA	2014	175	3	10.1007/s00442-014-2960-4
Nathalie Pettorelli	0	A review and meta-analysis of the effects of climate change on Holarctic mountain and upland bird populations	Scridel, Davide; Brambilla, Mattia; Martin, Kathy; Lehikoinen, Aleksi; lemma, Aaron; Matteo, Anderle; Jahnig, Susanne; Caprio, Enrico; Bogliani, Giuseppe; Pedrini, Paolo; Rolando, Antonio; Arlettaz, Raphael; Chamberlain, Dan	IBIS	2018	160	3	10.1111/ibi.12585
James Pearce-Higgins	0	The role of prey concentration and size range in the growth and survival of larval cod	Seljeset, Oddbjorn; Vollset, Knut Wiik; Folkvord, Arild; Geffen, Audrey J.	MARINE BIOLOGY RESEARCH	2010	6	3	10.1080/17451000903150355
Jacob Johansson	0	ONE SPECIES BUT TWO PATTERNS: POPULATIONS OF THE HUDSONIAN GODWIT (LIMOSA HAEMASTICA) DIFFER IN SPRING MIGRATION TIMING	Senner, Nathan R.	AUK	2012	129	4	10.1525/auk.2012.12029
Dylan Z. Childs	0	Habitat structure modulates nestling diet composition and fitness of Blue Tits Cyanistes caeruleus in the Mediterranean region	Serrano-Davies, Eva; Jose Sanz, Juan	BIRD STUDY	2017	64	3	10.1080/00063657.2017.1357678
Dylan Z. Childs	0	Enlightening Butterfly Conservation Efforts: The Importance of Natural Lighting for Butterfly Behavioral Ecology and Conservation	Seymoure, Brett M.	INSECTS	2018	9	1	10.3390/insects9010022
Owen T. Lewis	0	Foliage dynamics, leaf traits, and growth of coexisting evergreen and deciduous trees in a tropical montane forest in Ethiopia	Seyoum, Yigremachew; Fetene, Masresha; Strobl, Simone; Beck, Erwin	TREES-STRUCTURE AND FUNCTION	2012	26	5	10.1007/s00468-012-0723-6
Angus Atkinson	0	MANAGEMENT STRATEGIES FOR FOREST INSECT DEFOLIATORS IN BRITISH-COLUMBIA	SHEPHERD, RF	FOREST ECOLOGY AND MANAGEMENT	1994	68	2-3	10.1016/0378-1127(94)90053-1
Malcolm D. Burgess	0	Changes in large-scale climate alter spatial synchrony of aphid pests	Sheppard, LawrenceW.; Bell, James R.; Harrington, Richard; Reuman, Daniel C.	NATURE CLIMATE CHANGE	2016	6	6	10.1038/NCLIMATE2881
Stephen J. Thackeray	0	Biology and life history of the bamboo gall maker, Aiolomorphus rhopaloides walker (Hymenoptera : Eurytomidae)	Shibata, Ei'ichi	Galling Arthropods and Their Associates: Ecology and Evolution	2006			10.1007/4-431-32185-3_17
Jelmer M. Samplonius	0	Larval quality is shaped by matrix effects: implications for connectivity in a marine metapopulation	Shima, Jeffrey S.; Swearer, Stephen E.	ECOLOGY	2009	90	5	10.1890/08-0029.1

Nathalie Pettorelli	0	Spatially variable larval histories may shape recruitment rates of a temperate reef fish	Shima, Jeffrey S.; Swearer, Stephen E.	MARINE ECOLOGY PROGRESS SERIES	2009	394		10.3354/meps08298
Dylan Z. Childs	0	Can mesophotic reefs replenish shallow reefs? Reduced coral reproductive performance casts a doubt	Shlesinger, Tom; Grinblat, Mila; Rapuano, Hanna; Amit, Tal; Loya, Yossi	ECOLOGY	2018	99	2	10.1002/ecy.2098
Angus Atkinson	0	Building a DNA barcode library of Alaska's non-marine arthropods	Sikes, Derek S.; Bowser, Matthew; Morton, John M.; Bickford, Casey; Meierotto, Sarah; Hildebrandt, Kyndall	GENOME	2017	60	3	10.1139/gen-2015-0203
Jelmer M. Samplonius	0	Understanding the mechanisms of antitropical divergence in the seabird White-faced Storm-petrel (Procellariiformes: Pelagodroma marina) using a multilocus approach	Silva, Monica C.; Matias, Rafael; Wanless, Ross M.; Ryan, Peter G.; Stephenson, Brent M.; Bolton, Mark; Ferrand, Nuno; Manuela Coelho, M.	MOLECULAR ECOLOGY	2015	24	12	10.1111/mec.13212
Emily G. Simmonds	0	Do vegetative and reproductive phenophases of deciduous tropical species respond similarly to rainfall pulses?	Silveira, A. P.; Martins, F. R.; Araujo, F. S.	JOURNAL OF FORESTRY RESEARCH	2013	24	4	10.1007/s11676-013-0366-5
Jacob Johansson	0	Effects of Stochasticity in Early Life History on Steepness and Population Growth Rate Estimates: An Illustration on Atlantic Bluefin Tuna	Simon, Maximilien; Fromentin, Jean-Marc; Bonhommeau, Sylvain; Gaertner, Daniel; Brodziak, Jon; Etienne, Marie-Pierre	PLOS ONE	2012	7	10	10.1371/journal.pone.0048583
James Pearce-Higgins	0	Herring and ICES: a historical sketch of a few ideas and their linkages	Sinclair, Mike	ICES JOURNAL OF MARINE SCIENCE	2009	66	8	10.1093/icesjms/fsp115
Jacob Johansson	0	Emerging paradigms of tree phenology in dry tropics	Singh, KP; Kushwaha, CP	CURRENT SCIENCE	2005	89	6	
Jamie C. Weir	0	Diversity of flowering and fruiting phenology of trees in a tropical deciduous forest in India	Singh, KP; Kushwaha, CP	ANNALS OF BOTANY	2006	97	2	10.1093/aob/mcj028
Nathalie Pettorelli	0	Photoperiod- and temperature-mediated control of phenology in trees - a molecular perspective	Singh, Rajesh Kumar; Svystun, Tetiana; AlDahmash, Badr; Jonsson, Anna Maria; Bhalerao, Rishikesh P.	NEW PHYTOLOGIST	2017	213	2	10.1111/nph.14346
Jacob Johansson	0	Significance of phenologically asynchronous populations of the central Himalayan oaks in drought adaptation	Singh, SP; Tewari, A; Singh, SK; Pathak, GC	CURRENT SCIENCE	2000	79	3	
James Pearce-Higgins	0	Beach characteristics mitigate effects of onshore wind on horseshoe crab spawning: implications for matching with shorebird migration in Delaware Bay	Smith, D. R.; Jackson, N. L.; Nordstrom, K. F.; Weber, R. G.	ANIMAL CONSERVATION	2011	14	5	10.1111/j.1469-1795.2011.00481.x
Dylan Z. Childs	0	Rapid plant evolution in the presence of an introduced species alters community composition	Smith, David Solance; Lau, Matthew K.; Jacobs, Ryan; Monroy, Jenna A.; Shuster, Stephen M.; Whitham, Thomas G.	OECOLOGIA	2015	179	2	10.1007/s00442-015-3362-y
Francis Daunt	0	SEASONAL AND RELATIVE ABUNDANCE OF HYMENOPTEROUS PARASITOIDS ATTACKING HOUSE-FLY PUPAE AT DAIRY FARMS IN CENTRAL NEW-YORK	SMITH, L; RUTZ, DA	ENVIRONMENTAL ENTOMOLOGY	1991	20	2	10.1093/ee/20.2.661
Jakob J. Assmann	0	Intra-annual genetic variation in the downstream larval drift of sutchi catfish (Pangasianodon hypophthalmus) in the Mekong river	So, Nam; Maes, Gregory E.; Volckaert, Filip A. M.	BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY	2006	89	4	10.1111/j.1095-8312.2006.00707.x
Nathalie Pettorelli	0	Timing of photoperiodic competency causes phenological mismatch in balsam poplar (Populus balsamifera L.)	Soolanayakanahally, Raju Y.; Guy, Robert D.; Silim, Salim N.; Song, Minghua	PLANT CELL AND ENVIRONMENT	2013	36	1	10.1111/j.1365-3040.2012.02560.x

Kirsty Macphie	0	Assortative mating and gene flow generate clinal phenological variation in trees	Soularue, Jean-Paul; Kremer, Antoine	BMC EVOLUTIONARY BIOLOGY	2012	12		10.1186/1471-2148-12-79
Kirsty Macphie	0	Effect of winter cold duration on spring phenology of the orange tip butterfly, Anthocharis cardamines	Stalhandske, Sandra; Lehmann, Philipp; Pruisscher, Peter; Leimar, Olof	ECOLOGY AND EVOLUTION	2015	5	23	10.1002/ece3.1773
Katherine Keogan	0	Atmospheric nitrogen deposition in terrestrial ecosystems: Its impact on plant communities and consequences across trophic levels	Stevens, Carly J.; David, Thomas I.; Storkey, Jonathan	FUNCTIONAL ECOLOGY	2018	32	7	10.1111/1365-2435.13063
Dylan Z. Childs	0	VOLTINISM AND PHENOLOGICAL SYNCHRONY OF UROPHORA-AFFINIS AND U-QUADRIFASCIATA (DIPTERA, TEPHRITIDAE), 2 SEED HEAD FLIES INTRODUCED AGAINST SPOTTED KNAPWEED IN MONTANA	STORY, JM; BOGGS, KW; GOOD, WR	ENVIRONMENTAL ENTOMOLOGY	1992	21	5	10.1093/ee/21.5.1052
Katherine Keogan	0	The response of Daphnia to changes in trophic status and weather patterns: a case study from Lake Constance	Straile, D; Geller, W	ICES JOURNAL OF MARINE SCIENCE	1998	55	4	10.1006/jmsc.1998.0397
Angus Atkinson	0	Paleoenvironmental and paleobiological origins of coccolithophorid genus Watznaueria emergence during the late Aalenian-early Bajocian	Sucheras-Marx, Baptiste; Mattioli, Emanuela; Giraud, Fabienne; Escarguel, Gilles	PALEOBIOLOGY	2015	41	3	10.1017/pab.2015.8
Øystein Varpe	0	Examination of sex attractants for monitoring weed biological control agents in Hawaii	Suckling, David Maxwell; Gibb, Andrew Robert; Johnson, Tracy; Hall, David Robert	BIOCONTROL SCIENCE AND TECHNOLOGY	2006	16	9	10.1080/09583150600828007
Christopher Hassall	0	Late Neolithic Mondsee Culture in Austria: living on lakes and living with flood risk?	Swierczynski, T.; Lauterbach, S.; Dulski, P.; Brauer, A.	CLIMATE OF THE PAST	2013	9	4	10.5194/cp-9-1601-2013
Jacob Johansson	0	Temporal changes in floral resource availability and flower visitation in a butterfly	Szigeti, Viktor; Koroesi, Adam; Harnos, Andrea; Kis, Janos	ARTHROPOD-PLANT INTERACTIONS	2018	12	2	10.1007/s11829-017-9585-6
Jelmer M. Samplonius	0	Nitrogen allocation to offspring and milk production in a capital breeder	Taillon, Joelle; Barboza, Perry S.; Cote, Steeve D.	ECOLOGY	2013	94	8	10.1890/12-1424.1
Jacob Johansson	0	Spatial variability in prey phenology determines predator movement patterns and prey survival	Takahashi, Kae; Sato, Takuya	AQUATIC ECOLOGY	2017	51	3	10.1007/s10452-017-9623-6
Angus Atkinson	0	Evidence of growth-selective predation on larval Japanese anchovy Engraulis japonicus in Sagami Bay	Takasuka, A; Aoki, I; Mitani, I	MARINE ECOLOGY PROGRESS SERIES	2003	252		10.3354/meps252223
Jakob J. Assmann	0	Strong evidence for changing fish reproductive phenology under climate warming on the Tibetan Plateau	Tao, Juan; He, Dekui; Kennard, Mark J.; Ding, Chengzhi; Bunn, Stuart E.; Liu, Chunlong; Jia, Yintao; Che, Rongxiao; Chen, Yifeng	GLOBAL CHANGE BIOLOGY	2018	24	5	10.1111/gcb.14050
Kirsty Macphie	0	The response of migratory populations to phenological change: a Migratory Flow Network modelling approach	Taylor, Caz M.; Laughlin, Andrew J.; Hall, Richard J.	JOURNAL OF ANIMAL ECOLOGY	2016	85	3	10.1111/1365-2656.12494
Jelmer M. Samplonius	0	A Single Long Day Triggers Follicle Growth in Captive Female Great Tits (Parus major) in Winter but Does Not Affect Laying Dates in the Wild in Spring	te Marvelde, Luc; Schaper, Sonja V.; Visser, Marcel E.	PLOS ONE	2012	7	4	10.1371/journal.pone.0035617
Nathalie Pettorelli	0	Short-term indirect interactions between two moth (Lepidoptera : Noctuidae) species mediated by shared parasitoids: The benefit of being scarce	Teder, T; Tammaru, T	EUROPEAN JOURNAL OF ENTOMOLOGY	2003	100	3	10.14411/eje.2003.051

Jelmer M. Samplonius	0	Species sorting and stoichiometric plasticity control community C:P ratio of first-order aquatic consumers	Teurlincx, Sven; Velthuis, Mandy; Seroka, Dominika; Govaert, Lynn; van Donk, Ellen; Van de Waal, Dedmer B.; Declerck, Steven A. J.	ECOLOGY LETTERS	2017	20	6	10.1111/ele.12773
Nathalie Pettorelli	0	Spatio-temporal patterns of orchids flowering in Cameroonian rainforests	Texier, N.; Deblauwe, V.; Stevart, T.; Sonke, B.; Simo-Droissart, M.; Azandi, L.; Bose, R.; Djuikouo, M. -N.; Kamdem, G.; Kamdem, N.; Mayogo, S.; Zemagho, L.; Droissart, V.	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	2018	62	11	10.1007/s00484-018-1594-3
Jelmer M. Samplonius	0	Trophic level asynchrony in rates of phenological change for marine, freshwater and terrestrial environments	Thackeray, Stephen J.; Sparks, Timothy H.; Frederiksen, Morten; Burthe, Sarah; Bacon, Philip J.; Bell, James R.; Botham, Marc S.; Brereton, Tom M.; Bright, Paul W.; Carvalho, Laurence; Clutton-Brock, Tim; Dawson, Alistair; Edwards, Martin; Elliott, J. Malcolm; Harrington, Richard; Johns, David; Jones, Ian D.; Jones, James T.; Leech, David I.; Roy, David B.; Scott, W. Andy; Smith, Matt; Smithers, Richard J.; Winfield, Ian J.; Wanless, Sarah	GLOBAL CHANGE BIOLOGY	2010	16	12	10.1111/j.1365-2486.2010.02165.x
Emily G. Simmonds	0	Challenging the cold: Crabs reconquer the Antarctic	Thatje, S; Anger, K; Calcagno, JA; Lovrich, GA; Portner, HO; Arntz, WE	ECOLOGY	2005	86	3	10.1890/04-0620
Dylan Z. Childs	0	Climate drives phenological reassembly of a mountain wildflower meadow community	Theobald, Elli J.; Breckheimer, Ian; HilleRisLambers, Janneke	ECOLOGY	2017	98	11	10.1002/ecy.1996
Øystein Varpe	0	Phenological synchrony between a plant and a specialised herbivore	Thompson, Katy; Gilbert, Francis	BASIC AND APPLIED ECOLOGY	2014	15	4	10.1016/j.baae.2014.05.003
Jacob Johansson	0	Flowering phenology, fruiting success and progressive deterioration of pollination in an early-flowering geophyte	Thomson, James D.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2010	365	1555	10.1098/rstb.2010.0115
Nathalie Pettorelli	0	The effects of seasonally variable dragonfly predation on butterfly assemblages	Tiitsaar, Anu; Kaasik, Ants; Teder, Tiit	ECOLOGY	2013	94	1	10.1890/12-0541.1
Angus Atkinson	0	First Report on Establishment of Laricobius osakensis (Coleoptera: Derodontidae), a Biological Control Agent for Hemlock Woolly Adelgid, Adelges tsugae (Hemiptera: Adelgidae), in the Eastern US	Toland, Ashley; Brewster, Carlyle; Mooneyham, Katlin; Salom, Scott	FORESTS	2018	9	8	10.3390/f9080496
Malcolm D. Burgess	0	When is bigger better? Early marine residence of middle and upper Columbia River spring Chinook salmon	Tomaro, Londi M.; Teel, David J.; Peterson, William T.; Miller, Jessica A.	MARINE ECOLOGY PROGRESS SERIES	2012	452		10.3354/meps09620
Owen T. Lewis	0	Ontogeny of feeding in two native and one alien fish species from the Murray-Darling Basin, Australia	Tonkin, Zeb D.; Humphries, Paul; Pridmore, Peter A.	ENVIRONMENTAL BIOLOGY OF FISHES	2006	76	2-4	10.1007/s10641-006-9034-3
Christopher Hassall	0	Advances in crop insect modelling methods-Towards a whole system approach	Tonnang, Henri E. Z.; Herve, Bisseleua D. B.; Biber-Freudenberger, Lisa; Salifu, Daisy; Subramanian, Sevgan; Ngowi, Valentine B.; Guimapi, Ritter Y. A.; Anani, Bruce; Kakmeni, Francois M. M.; Affognong, Hippolyte; Niassy, Saliou; Landmann, Tobias; Ndjornatchoua, Frank T.; Pedro, Sansao A.; Johansson, Tino; Tanga, Chrysantus M.; Nana, Paulin; Fiaboe, Komi M.; Mohamed, Samira F.; Maniania, Nguya K.; Nedorezov, Lev V.; Ekesi, Sunday; Borgemeister, Christian	ECOLOGICAL MODELLING	2017	354		10.1016/j.ecolmodel.2017.03.015
Jakob J. Assmann	0	Snow-induced changes in dwarf birch chemistry increase moth larval growth rate and level of herbivory	Torp, Mikaela; Olofsson, Johan; Witzell, Johanna; Baxter, Robert	POLAR BIOLOGY	2010	33	5	10.1007/s00300-009-0744-9
Albert B. Phillimore	0	Current state and trends in Canadian Arctic marine ecosystems: I. Primary production	Tremblay, Jean-Eric; Robert, Dominique; Varela, Diana E.; Lovejoy, Connie; Darnis, Gerald; Nelson, R. John; Sastri, Akash R.	CLIMATIC CHANGE	2012	115	1	10.1007/s10584-012-0496-3

Jelmer M. Samplonius	0	Variation in ocean colour may help predict cod and haddock recruitment	Trzcinski, M. Kurtis; Devred, Emmanuel; Platt, Trevor; Sathyendranath, Shubha	MARINE ECOLOGY PROGRESS SERIES	2013	491		10.3354/meps10451
Øystein Varpe	0	Effects of winter temperatures, spring degree-day accumulation, and insect population source on phenological synchrony between forest tent caterpillar and host trees	Uelmen, Johnny A., Jr.; Lindroth, Richard L.; Tobin, Patrick C.; Reich, Peter B.; Schwartzberg, Ezra G.; Raffa, Kenneth F.	FOREST ECOLOGY AND MANAGEMENT	2016	362		10.1016/j.foreco.2015.11.045
Christopher Hassall	0	Supercooling points of diapausing forest tent caterpillar (Lepidoptera: Lasiocampidae) eggs	Uelmen, Johnny A.; Duman, John G.; Lindroth, Richard L.; Schwartzberg, Ezra G.; Raffa, Kenneth F.	CANADIAN ENTOMOLOGIST	2016	148	5	10.4039/tce.2015.88
James Pearce-Higgins	0	Every species is good in its season: Do the shifts in the annual temperature dynamics affect the phenology of the zooplankton species in the White Sea?	Usov, Nikolay; Kutcheva, Inna; Primakov, Igor; Martynova, Daria	HYDROBIOLOGIA	2013	706	1	10.1007/s10750-012-1435-z
Jelmer M. Samplonius	0	Maternal effects in an insect herbivore as a mechanism to adapt to host plant phenology	van Asch, Margriet; Julkunen-Tiito, Riita; Visser, Marcel E.	FUNCTIONAL ECOLOGY	2010	24	5	10.1111/j.1365-2435.2010.01734.x
Jelmer M. Samplonius	0	Phenology of forest caterpillars and their host trees: The importance of synchrony	van Asch, Margriet; Visser, Marcel E.	ANNUAL REVIEW OF ENTOMOLOGY	2007	52		10.1146/annurev.ento.52.110405.091418
Emily G. Simmonds	0	Consequences of Climate Change for Aphid-Based Multi-trophic Systems	van Baaren, Joan; Le Lann, Cecile; van Alphen, Jacques J. M.	APHID BIODIVERSITY UNDER ENVIRONMENTAL CHANGE: PATTERNS AND PROCESSES	2010			
Owen T. Lewis	0	Fluctuations in population composition dampen the impact of phenotypic plasticity on trait dynamics in superb fairy-wrens	van de Pol, Martijn; Osmond, Helen L.; Cockburn, Andrew	JOURNAL OF ANIMAL ECOLOGY	2012	81	2	10.1111/j.1365-2656.2011.01919.x
Christopher Hassall	0	Keeping up with early springs: rapid range expansion in an avian herbivore incurs a mismatch between reproductive timing and food supply	Van Der Jeugd, Henk P.; Eichhorn, Gotz; Litvin, Konstantin E.; Stahl, Julia; Larsson, Kjell; Van Der Graaf, Alexandra J.; Drent, Rudi H.	GLOBAL CHANGE BIOLOGY	2009	15	5	10.1111/j.1365-2486.2008.01804.x
Jelmer M. Samplonius	0	Recruitment of lesser sandeel Ammodytes marinus in relation to density dependence and zooplankton composition	van Deurs, Mikael; van Hal, Ralf; Tomczak, Maciej T.; Jonasdottir, Sigrun H.; Dolmer, Per	MARINE ECOLOGY PROGRESS SERIES	2009	381		10.3354/meps07960
Jelmer M. Samplonius	0	Microalgal community structure and primary production in Arctic and Antarctic sea ice: A synthesis	van Leeuwe, Maria A.; Tedesco, Letizia; Arrigo, Kevin R.; Assmy, Philipp; Campbell, Karley; Meiners, Klaus M.; Rintala, Janne-Markus; Selz, Virginia; Thomas, David N.; Stefels, Jacqueline	ELEMENTA-SCIENCE OF THE ANTHROPOCENE	2018	6		10.1525/elementa.267
James Pearce-Higgins	0	Wasp behavior leads to uniform parasitism of a host available only a few hours per year	van Nouhuys, S; Ehrnsten, J	BEHAVIORAL ECOLOGY	2004	15	4	10.1093/beheco/arh059
Jelmer M. Samplonius	0	THE PHENOLOGY OF TROPICAL FORESTS - ADAPTIVE SIGNIFICANCE AND CONSEQUENCES FOR PRIMARY CONSUMERS	VANSCHAIK, CP; TERBORGH, JW; WRIGHT, SJ	ANNUAL REVIEW OF ECOLOGY AND SYSTEMATICS	1993	24		10.1146/annurev.es.24.110193.002033
Nathalie Pettorelli	0	The Extent of South-North Pollen Transfer in Finnish Scots Pine	Varis, Saila; Pakkanen, Anne; Galofre, Aina; Pulkkinen, Pertti	SILVA FENNICA	2009	43	5	10.14214/sf.168
Angus Atkinson	0	Seasonal plankton-fish interactions: light regime, prey phenology, and herring foraging	Varpe, Oystein; Fiksen, Oyvind	ECOLOGY	2010	91	2	10.1890/08-1817.1
Øystein Varpe	0	The relevance of food peak architecture in trophic interactions	Vatka, Emma; Orell, Markku; Rytkonen, Seppo	GLOBAL CHANGE BIOLOGY	2016	22	4	10.1111/gcb.13144

Jelmer M. Samplonius	0	Interspecific variation in the relationship between clutch size, laying date and intensity of urbanization in four species of hole-nesting birds	Vaugoyeau, Marie; Adriaensen, Frank; Artemyev, Alexandr; Banbura, Jerzy; Barba, Emilio; Biard, Clotilde; Blondel, Jacques; Bouslama, Zihad; Bouvier, Jean-Charles; Camprodon, Jordi; Cecere, Francesco; Charmantier, Anne; Charter, Motti; Cichon, Mariusz; Cusimano, Camillo; Czeszczewik, Dorota; Demeyrier, Virginie; Doligez, Blandine; Doutrelant, Claire; Dubiec, Anna; Eens, Marcel; Eeva, Tapio; Faivre, Bruno; Ferns, Peter N.; Forsman, Jukka T.; Garcia-del-Rey, Eduardo; Goldshtein, Aya; Goodenough, Anne E.; Gosler, Andrew G.; Gregoire, Arnaud; Gustafsson, Lars; Harnist, Iga; Hartley, Ian R.; Heeb, Philipp; Hinsley, Shelley A.; Isenmann, Paul; Jacob, Staffan; Juskaitis, Rimvydas; Korpimaki, Erkki; Krams, Indrikis; Laaksonen, Toni; Lambrechts, Marcel M.; Leclercq, Bernard; Lehikoinen, Esa; Loukola, Olli; Lundberg, Arne; Mainwaring, Mark C.; Mand, Raivo; Massa, Bruno; Mazgajski, Tomasz D.; Merino, Santiago; Mitrus, Cezary; Monkkonen, Mikko; Morin, Xavier; Nager, Ruedi G.; Nilsson, Jan-Ake; Nilsson, Sven G.; Norte, Ana C.; Orell, Markku; Perret, Philippe; Perrins, Christopher M.; Pimentel, Carla S.; Pinxten, Rianne; Richner, Heinz; Robles, Hugo; Rytkonen, Seppo; Carlos Senar, Juan; Seppanen, Janne T.; da Silva, Luis Pascoal; Slagsvold, Tore; Solonen, Tapio; Sorace, Alberto; Stenning, Martyn J.; Tryjanowski, Piotr; von Numers, Mikael; Walankiewicz, Wieslaw; Moller, Anders Pape	ECOLOGY AND EVOLUTION	2016	6	16	10.1002/ece3.2335
Kirsty Macphie	0	Ecological and evolutionary impacts of changing climatic variability	Vazquez, Diego P.; Gianoli, Ernesto; Morris, William F.; Bozinovic, Francisco	BIOLOGICAL REVIEWS	2017	92	1	10.1111/brv.12216
Christopher Hassall	0	Individual birds advance offspring hatching in response to increased temperature after the start of laying	Vedder, Oscar	OECOLOGIA	2012	170	3	10.1007/s00442-012-2335-7
Malcolm D. Burgess	0	Climate changes affecting biotic interactions, phenology, and reproductive success in a savanna community over a 10-year period	Vilela, Andrea Andrade; Silingardi Del Claro, Vergilio Torezan; Torezan-Silingardi, Helena Maura; Del-Claro, Kleber	ARTHROPOD-PLANT INTERACTIONS	2018	12	2	10.1007/s11829-017-9572-y
Kirsty Macphie	0	Phenological diversity in the interactions between winter moth (Operophtera brumata) larvae and parasitoid wasps in sub-arctic mountain birch forest	Vindstad, O. P. L.; Hagen, S. B.; Jepsen, J. U.; Kapari, L.; Schott, T.; Ims, R. A.	BULLETIN OF ENTOMOLOGICAL RESEARCH	2011	101	6	10.1017/S0007485311000277
Jelmer M. Samplonius	0	Shifts in phenology due to global climate change: the need for a yardstick	Visser, ME; Both, C	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2005	272	1581	10.1098/rspb.2005.3356
Francis Daunt	0	Evolutionary history as a driver of ecological networks: a case study of plant-hummingbird interactions	Vitoria, Romulo Silveira; Vizentin-Bugoni, Jeferson; Duarte, Leandro D. S.	OIKOS	2018	127	4	10.1111/oik.04344
Jacob Johansson	0	The role of plant phenology in the host specificity of Gephyraulus raphanistri (Diptera : Cecidomyiidae) associated with Raphanus spp. (Brassicaceae)	Vitou, Janine; Skuhrava, Marcela; Skuhravy, Vaclav; Scott, John K.; Sheppard, Andy W.	EUROPEAN JOURNAL OF ENTOMOLOGY	2008	105	1	10.14411/eje.2008.016
Stephen J. Thackeray	0	Spruce budworm (Choristoneura spp.) biotype reactions to forest and climate characteristics	Volney, W. Jan A.; Fleming, Richard A.	GLOBAL CHANGE BIOLOGY	2007	13	8	10.1111/j.1365-2486.2007.01402.x
Kirsty Macphie	0	Simultaneous pulsed flowering in a temperate legume: causes and consequences of multimodality in the shape of floral display schedules	Wadgymar, Susana M.; Austen, Emily J.; Cumming, Matthew N.; Weis, Arthur E.	JOURNAL OF ECOLOGY	2015	103	2	10.1111/1365-2745.12362

Nathalie Pettorelli	0	Phenological mismatch and the effectiveness of assisted gene flow	Wadgymar, Susana M.; Weis, Arthur E.	CONSERVATION BIOLOGY	2017	31	3	10.1111/cobi.12877
Christopher Hassall	0	Changes in the life history traits of the European Map butterfly, Araschnia levana (Lepidoptera: Nymphalidae) with increase in altitude	Wagner, Kathrin D.; Krauss, Jochen; Steffan-Dewenter, Ingolf	EUROPEAN JOURNAL OF ENTOMOLOGY	2011	108	3	10.14411/eje.2011.057
Christopher Hassall	0	Cardiac hypertrophy: Signal transduction, transcriptional adaptation, and altered growth control	Wagner, M; Mascareno, E; Siddiqui, MAQ	HEART IN STRESS	1999	874		10.1111/j.1749-6632.1999.tb09219.x
Malcolm D. Burgess	0	Dryland vegetation phenology across an elevation gradient in Arizona, USA, investigated with fused MODIS and Landsat data	Walker, J. J.; de Beurs, K. M.; Wynne, R. H.	REMOTE SENSING OF ENVIRONMENT	2014	144		10.1016/j.rse.2014.01.007
Øystein Varpe	0	Plant phenological synchrony increases under rapid within-spring warming	Wang, Cong; Tang, Yanhong; Chen, Jin	SCIENTIFIC REPORTS	2016	6		10.1038/srep25460
Emily G. Simmonds	0	Long-term changes in breeding phenology at two seabird colonies in the western North Sea	Wanless, Sarah; Frederiksen, Morten; Walton, John; Harris, Mike P.	IBIS	2009	151	2	10.1111/j.1474-919X.2008.00906.x
Jakob J. Assmann	0	Temperature cues phenological synchrony in ant-mediated seed dispersal	Warren, Robert J., II; Bahn, Volker; Bradford, Mark A.	GLOBAL CHANGE BIOLOGY	2011	17	7	10.1111/j.1365-2486.2010.02386.x
Stephen J. Thackeray	0	Mutualism fails when climate response differs between interacting species	Warren, Robert J., II; Bradford, Mark A.	GLOBAL CHANGE BIOLOGY	2014	20	2	10.1111/gcb.12407
Jelmer M. Samplonius	0	Phenotypic selection on growth rhythm in whitebark pine under climatic conditions warmer than seed origins	Warwell, Marcus V.; Shaw, Ruth G.	JOURNAL OF EVOLUTIONARY BIOLOGY	2018	31	9	10.1111/jeb.13301
Francis Daunt	0	The strength of assortative mating for flowering date and its basis in individual variation in flowering schedule	Weis, A. E.; Nardone, E.; Fox, G. A.	JOURNAL OF EVOLUTIONARY BIOLOGY	2014	27	10	10.1111/jeb.12465
Jakob J. Assmann	0	Analysis of population genetic structure and gene flow in an annual plant before and after a rapid evolutionary response to drought	Welt, Rachel S.; Litt, Amy; Franks, Steven J.	AOB PLANTS	2015	7		10.1093/aobpla/plv026
James Pearce-Higgins	0	Phenological mismatch with abiotic conditions-implications for flowering in Arctic plants	Wheeler, Helen C.; Hoye, Toke T.; Schmidt, Niels Martin; Svenning, Jens-Christian; Forchhammer, Mads C.	ECOLOGY	2015	96	3	10.1890/14-0338.1
Albert B. Phillimore	0	Substantial variation in the timing of pollen production reduces reproductive synchrony between distant populations of Pinus sylvestris L. in Scotland	Whittet, Richard; Cavers, Stephen; Cottrell, Joan; Rosique-Esplugas, Cristina; Ennos, Richard	ECOLOGY AND EVOLUTION	2017	7	15	10.1002/ece3.3154
Stephen J. Thackeray	0	Sex-Dependent Phenological Plasticity in an Arctic Hibernator	Williams, Cory T.; Buck, C. Loren; Sheriff, Michael J.; Richter, Melanie M.; Krause, Jesse S.; Barnes, Brian M.	AMERICAN NATURALIST	2017	190	6	10.1086/694320
Malcolm D. Burgess	0	Mid-winter temperatures, not spring temperatures, predict breeding phenology in the European starling Sturnus vulgaris	Williams, Tony D.; Bourgeon, Sophie; Cornell, Allison; Ferguson, Laramie; Fowler, Melinda; Fronstin, Raime B.; Love, Oliver P.	ROYAL SOCIETY OPEN SCIENCE	2015	2	1	10.1098/rsos.140301
Jamie C. Weir	0	Variable reproductive effort for two ptarmigan species in response to spring weather in a northern alpine ecosystem	Wilson, Scott; Martin, Kathy	JOURNAL OF AVIAN BIOLOGY	2010	41	3	10.1111/j.1600-048X.2009.04945.x
Stephen J. Thackeray	0	Intergenomic epistasis causes asynchronous hatch times in whitefish hybrids, but only when parental ecotypes differ	Woods, P. J.; Mueller, R.; Seehausen, O.	JOURNAL OF EVOLUTIONARY BIOLOGY	2009	22	11	10.1111/j.1420-9101.2009.01846.x

Francis Daunt	0	Timing of hatching in Ammodytes marinus from Shetland waters and its significance to early growth and survivorship	Wright, PJ; Bailey, MC	MARINE BIOLOGY	1996	126	1	10.1007/BF00571386
Angus Atkinson	0	EFFECTS OF SEED ORCHARD INPUTS ON ESTIMATING EFFECTIVE POPULATION-SIZE OF SEEDLOTS - A COMPUTER-SIMULATION	XIE, CY; WOODS, J; STOEHR, M	SILVAE GENETICA	1994	43	2-3	
Jelmer M. Samplonius	0	Satellite observation of tropical forest seasonality: spatial patterns of carbon exchange in Amazonia	Xu, Liang; Saatchi, Sassan S.; Yang, Yan; Myneni, Ranga B.; Frankenberg, Christian; Chowdhury, Diya; Bi, Jian	ENVIRONMENTAL RESEARCH LETTERS	2015	10	8	10.1088/1748-9326/10/8/084005
Jelmer M. Samplonius	0	Phenology, ontogeny and the effects of climate change on the timing of species interactions	Yang, Louie H.; Rudolf, V. H. W.	ECOLOGY LETTERS	2010	13	1	10.1111/j.1461-0248.2009.01402.x
Jakob J. Assmann	0	Rethinking normal: The role of stochasticity in the phenology of a synchronously breeding seabird	Youngflesh, Casey; Jenouvrier, Stephanie; Hinke, Jefferson T.; DuBois, Lauren; St Leger, Judy; Trivelpiece, Wayne Z.; Trivelpiece, Susan G.; Lynch, Heather J.	JOURNAL OF ANIMAL ECOLOGY	2018	87	3	10.1111/1365-2656.12790
Jacob Johansson	0	Influence of sea ice phenology on the movement ecology of ringed seals across their latitudinal range	Yurkowski, David J.; Semeniuk, Christina A. D.; Harwood, Lois A.; Rosing-Asvid, Aqqalu; Dietz, Rune; Brown, Tanya M.; Clackett, Sydney; Grgicak-Mannion, Alice; Fisk, Aaron T.; Ferguson, Steven H.	MARINE ECOLOGY PROGRESS SERIES	2016	562		10.3354/meps11950
Jelmer M. Samplonius	0	Experimental warming alters migratory caribou forage quality	Zamin, Tara J.; Cote, Steeve D.; Tremblay, Jean-Pierre; Grogan, Paul	ECOLOGICAL APPLICATIONS	2017	27	7	10.1002/eap.1590/full
Dylan Z. Childs	0	SYNCHRO: A SAS program for analysing the floral phenological synchronisation in seed orchards.	Zas, R; Merlo, E; Fernandez-Lopez, J	SILVAE GENETICA	2003	52	5-6	
Francis Daunt	0	Reproductive seasonality in captive wild ruminants: implications for biogeographical adaptation, photoperiodic control, and life history	Zerbe, Philipp; Clauss, Marcus; Codron, Daryl; Lackey, Laurie Bingaman; Rensch, Eberhard; Streich, Juergen W.; Hatt, Jean-Michel; Mueller, Dennis W. H.	BIOLOGICAL REVIEWS	2012	87	4	10.1111/j.1469-185X.2012.00238.x
Emily G. Simmonds	0	Alpine Collembola - adaptations and strategies for survival in harsh environments	Zettel, J	ZOOLOGY-ANALYSIS OF COMPLEX SYSTEMS	2000	102	2-3	
Kirsty Macphie	0	Flowering and Fruiting Phenology of 24 Plant Species on the North Slope of Mt. Qomolangma (Mt. Everest)	Zhang Liyun; Turkington, Roy; Tang Ya	JOURNAL OF MOUNTAIN SCIENCE	2010	7	1	10.1007/s11629-010-1107-2
Stephen J. Thackeray	0	Counteracting effects of recruitment and predation shape establishment of rotifer communities under climate change	Zhang, Huan; Ekvall, Mattias K.; Xu, Jun; Hansson, Lars-Anders	LIMNOLOGY AND OCEANOGRAPHY	2015	60	5	10.1002/lno.10122
Francis Daunt	0	LEAF PHENOLOGY CHARACTERISTICS OF GREENING TREE SPECIES AND IMPLICATIONS FOR GREENING IN COASTAL SALINE LAND	Zhao, Xiaolei; Jiang, Hong; Du, Hongyu; He, Bin; Cai, Yongli	PAKISTAN JOURNAL OF BOTANY	2017	49	5	
Christopher Hassall	0	Impacts of egg and larval size on survival and growth of Atlantic cod under different feeding conditions	Zhao, Y; Chen, Y; Brown, JA	JOURNAL OF FISH BIOLOGY	2001	59	3	10.1006/jfbi.2001.1666
Jacob Johansson	0	Secondary flowering: the induction and development abnormalities	Zhmylyov, P. Y.; Karpuhina, E. A.; Zhmylyova, A. P.	ZHURNAL OBSHCHEI BIOLOGII	2009	70	3	
Kirsty Macphie	0	Pollination biology of the urban populations of an ancient forest, spring ephemeral plant	Ziemianski, Maciej A.; Zych, Marcin	ACTA SOCIETATIS BOTANICORUM POLONIAE	2016	85	2	10.5586/asbp.3489
Albert B. Phillimore	0	High fitness costs of climate change-induced camouflage mismatch	Zimova, Marketa; Mills, L. Scott; Nowak, J. Joshua	ECOLOGY LETTERS	2016	19	3	10.1111/ele.12568
Jelmer M. Samplonius	0.0001	Systematic and Biogeographical Patterns in the Reproductive Biology of Scleractinian Corals	Baird, Andrew H.; Guest, James R.; Willis, Bette L.	ANNUAL REVIEW OF ECOLOGY EVOLUTION AND SYSTEMATICS	2009	40		10.1146/annurev.ecolsys.110308.120220

Jelmer M. Samplonius	0.0001	Adapt or disperse: understanding species persistence in a changing world	Berg, Matty P.; Kiers, E. Toby; Driessen, Gerard; van der Heijden, Marcel; Kooi, Bob W.; Kuenen, Frans; Liefting, Maartje; Verhoef, Herman A.; Ellers, Jacintha	GLOBAL CHANGE BIOLOGY	2010	16	2	10.1111/j.1365-2486.2009.02014.x
Angus Atkinson	0.0001	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation	Burger, Claudia; Belskii, Eugen; Eeva, Tapio; Laaksonen, Toni; Maegi, Marko; Maend, Raivo; Qvarnstrom, Anna; Slagsvold, Tore; Veen, Thor; Visser, Marcel E.; Wiebe, Karen L.; Wiley, Chris; Wright, Jonathan; Both, Christiaan	JOURNAL OF ANIMAL ECOLOGY	2012	81	4	10.1111/j.1365-2656.2012.01968.x
Owen T. Lewis	0.0001	Seed dispersal facilitation and geographic consistency in bird-fruit abundance patterns	Burns, KC	GLOBAL ECOLOGY AND BIOGEOGRAPHY	2002	11	3	10.1046/j.1466-822X.2002.00277.x
Jacob Johansson	0.0001	Pest management under climate change: The importance of understanding tritrophic relations	Castex, V.; Beniston, M.; Calanca, P.; Fleury, D.; Moreau, J.	SCIENCE OF THE TOTAL ENVIRONMENT	2018	616		10.1016/j.scitotenv.2017.11.027
Stephen J. Thackeray	0.0001	Linking plant phenology to conservation biology	Cerdeira Morellato, Leonor Patricia; Alberton, Bruna; Alvarado, Swanni T.; Borges, Bruno; Buisson, Elise; Camargo, Maria Gabriela G.; Cancian, Leonardo F.; Carstensen, Daniel W.; Escobar, Diego F. E.; Leite, Patricia T. P.; Mendoza, Irene; Rocha, Nathalia M. W. B.; Soares, Natalia C.; Freire Silva, Thiago Sanna; Staggemeier, Vanessa G.; Streher, Annia Susin; Vargas, Betania C.; Peres, Carlos A.	BIOLOGICAL CONSERVATION	2016	195		10.1016/j.biocon.2015.12.033
Jamie C. Weir	0.0001	Toward a phenological mismatch in estuarine pelagic food web?	Chevillot, Xavier; Drouineau, Hilaire; Lambert, Patrick; Carassou, Laure; Sautour, Benoit; Lobry, Jeremy	PLOS ONE	2017	12	3	10.1371/journal.pone.0173752
Katherine Keogan	0.0001	Phenological synchrony between Scaphoideus titanus (Hemiptera: Cicadellidae) hatchings and grapevine bud break: could this explain the insect's expansion?	Chuche, J.; Desvignes, E.; Bonnard, O.; Thiery, D.	BULLETIN OF ENTOMOLOGICAL RESEARCH	2015	105	1	10.1017/S0007485314000765
Jelmer M. Samplonius	0.0001	Warmer Shorter Winters Disrupt Arctic Terrestrial Ecosystems	Cooper, Elisabeth J.	ANNUAL REVIEW OF ECOLOGY, EVOLUTION, AND SYSTEMATICS, VOL 45	2014	45		10.1146/annurev-ecolsys-120213-091620
Katherine Keogan	0.0001	Current state and trends in Canadian Arctic marine ecosystems: II. Heterotrophic food web, pelagic-benthic coupling, and biodiversity	Darnis, Gerald; Robert, Dominique; Pomerleau, Corinne; Link, Heike; Archambault, Philippe; Nelson, R. John; Geoffroy, Maxime; Tremblay, Jean-Eric; Lovejoy, Connie; Ferguson, Steve H.; Hunt, Brian P. V.; Fortier, Louis	CLIMATIC CHANGE	2012	115	1	10.1007/s10584-012-0483-8
Albert B. Phillimore	0.0001	Flowering patterns of Thymelaea velutina at the extremes of an altitudinal gradient	de la Bandera, M. Carmen; Traveset, Anna	ANALES DEL JARDIN BOTANICO DE MADRID	2013	70	1	10.3989/ajbm.2307
Malcolm D. Burgess	0.0001	Effects of phenological synchronization on caterpillar early-instar survival under a changing climate	Despland, Emma	CANADIAN JOURNAL OF FOREST RESEARCH	2018	48	3	10.1139/cjfr-2016-0537
Albert B. Phillimore	0.0001	The Phenological Synchrony between Alien Aphid Impatientinum Asiaticum Nevsky and its Host - Alien Plant Impatiens Parviflora DC.	Eliasova, Mariana	BIOCLIMATE: SOURCE AND LIMIT OF SOCIAL DEVELOPMENT	2011			
Francis Daunt	0.0001	Climate change in Europe. 1. Impact on terrestrial ecosystems and biodiversity. A review (Reprinted)	Feehan, Jane; Harley, Mike; van Minnen, Jell	AGRONOMY FOR SUSTAINABLE DEVELOPMENT	2009	29	3	10.1051/agro:2008066
Jakob J. Assmann	0.0001	EFFECTS OF CLIMATE-CHANGE ON INSECT DEFOLIATOR POPULATION PROCESSES IN CANADA BOREAL FOREST - SOME PLAUSIBLE SCENARIOS	FLEMING, RA; VOLNEY, WJA	WATER AIR AND SOIL POLLUTION	1995	82	1-2	10.1007/BF01182854
Albert B. Phillimore	0.0001	Plant-pollinator interactions and phenological change: what can we learn about climate impacts from experiments and observations?	Forrest, Jessica R. K.	OIKOS	2015	124	1	10.1111/oik.01386

Angus Atkinson	0.0001	Mapping asynchrony between gypsy moth egg-hatch and forest leaf-out: Putting the phenological window hypothesis in a spatial context	Foster, Jane R.; Townsend, Philip A.; Mladenoff, David J.	FOREST ECOLOGY AND MANAGEMENT	2013	287		10.1016/j.foreco.2012.09.006
Øystein Varpe	0.0001	The sensitivity of breeding songbirds to changes in seasonal timing is linked to population change but cannot be directly attributed to the effects of trophic asynchrony on productivity	Franks, Samantha E.; Pearce-Higgins, James W.; Atkinson, Sian; Bell, James R.; Botham, Marc S.; Brereton, Tom M.; Harrington, Richard; Leech, David I.	GLOBAL CHANGE BIOLOGY	2018	24	3	10.1111/gcb.13960
Katherine Keogan	0.0001	Temperature-driven phenological changes within a marine larval fish assemblage	Genner, Martin J.; Halliday, Nicholas C.; Simpson, Stephen D.; Southward, Alan J.; Hawkins, Stephen J.; Sims, David W.	JOURNAL OF PLANKTON RESEARCH	2010	32	5	10.1093/plankt/fbp082
Katherine Keogan	0.0001	COMMUNITY SHIFTS UNDER CLIMATE CHANGE: MECHANISMS AT MULTIPLE SCALES	Gornish, Elise S.; Tylianakis, Jason M.	AMERICAN JOURNAL OF BOTANY	2013	100	7	10.3732/ajb.1300046
Jamie C. Weir	0.0001	Spatial match-mismatch in the Benguela upwelling zone: should we expect chlorophyll and sea-surface temperature to predict marine predator distributions?	Gremillet, David; Lewis, Sue; Drapeau, Laurent; van Der Lingen, Carl D.; Huggett, Jenny A.; Coetzee, Janet C.; Verheye, Hans M.; Daunt, Francis; Wanless, Sarah; Ryan, Peter G.	JOURNAL OF APPLIED ECOLOGY	2008	45	2	10.1111/j.1365-2664.2007.01447.x
Dylan Z. Childs	0.0001	Effects of climate change on European ducks: what do we know and what do we need to know?	Guillemain, Matthieu; Poysa, Hannu; Fox, Anthony D.; Arzel, Celine; Dessborn, Lisa; Ekroos, Johan; Gunnarsson, Gunnar; Holm, Thomas Eske; Christensen, Thomas Kjaer; Lehikoinen, Aleksi; Mitchell, Carl; Rintala, Jukka; Moller, Anders Pape	WILDLIFE BIOLOGY	2013	19	4	10.2981/12-118
Jelmer M. Samplonius	0.0001	Impact of extreme temperatures on parasitoids in a climate change perspective	Hance, Thierry; van Baaren, Joan; Vernon, Philippe; Boivin, Guy	ANNUAL REVIEW OF ENTOMOLOGY	2007	52		10.1146/annurev.ento.52.110405.091333
Francis Daunt	0.0001	Changed Arctic-alpine food web interactions under rapid climate warming: implication for ptarmigan research	Henden, John-Andre; Ims, Rolf Anker; Fuglei, Eva; Pedersen, Ashild Onvik	WILDLIFE BIOLOGY	2017			10.2981/wlb.00240
Jacob Johansson	0.0001	Interdisciplinary approaches: towards new statistical methods for phenological studies	Hudson, Irene Lena	CLIMATIC CHANGE	2010	100	1	10.1007/s10584-010-9859-9
Jelmer M. Samplonius	0.0001	Fish, flows and flood plains: links between freshwater fishes and their environment in the Murray-Darling River system, Australia	Humphries, P; King, AJ; Koehn, JD	ENVIRONMENTAL BIOLOGY OF FISHES	1999	56	1-2	10.1023/A:1007536009916
Katherine Keogan	0.0001	River regulation and recruitment in a protracted-spawning riverine fish	Humphries, Paul; Richardson, Adam; Wilson, Glenn; Ellison, Tanya	ECOLOGICAL APPLICATIONS	2013	23	1	10.1890/11-2255.1
Nathalie Pettorelli	0.0001	Effects of climate warming on hostparasitoid interactions	Jeffs, Christopher T.; Lewis, Owen T.	ECOLOGICAL ENTOMOLOGY	2013	38	3	10.1111/een.12026
Owen T. Lewis	0.0001	Marine plankton phenology and life history in a changing climate: current research and future directions	Ji, Rubao; Edwards, Martin; Mackas, David L.; Runge, Jeffrey A.; Thomas, Andrew C.	JOURNAL OF PLANKTON RESEARCH	2010	32	10	10.1093/plankt/fbq062
Dylan Z. Childs	0.0001	Detecting mismatches of bird migration stopover and tree phenology in response to changing climate	Kellermann, Jherime L.; van Riper, Charles, III	OECOLOGIA	2015	178	4	10.1007/s00442-015-3293-7
Dylan Z. Childs	0.0001	Phenological mismatch in coastal western Alaska may increase summer season greenhouse gas uptake	Kelsey, Katharine C.; Leffler, A. Joshua; Beard, Karen H.; Tchoi, Ryan; Schmutz, Joel A.; Welker, Jeffery M.	ENVIRONMENTAL RESEARCH LETTERS	2018	13	4	10.1088/1748-9326/aab698
Jelmer M. Samplonius	0.0001	Global shifts in the phenological synchrony of species interactions over recent decades	Kharouba, Heather M.; Ehrlen, Johan; Gelman, Andrew; Bolmgren, Kjell; Allen, Jenica M.; Travers, Steve E.; Wolkovich, Elizabeth M.	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018	115	20	10.1073/pnas.1714511115
Katherine Keogan	0.0001	Landscape Structure of Flowering Phenology in Alpine Ecosystems: Significance of Plant-Pollinator Interactions and Evolutionary Aspects	Kudo, Gaku	STRUCTURE AND FUNCTION OF MOUNTAIN ECOSYSTEMS IN JAPAN: BIODIVERSITY AND VULNERABILITY TO CLIMATE CHANGE	2016			10.1007/978-4-431-55954-2_3

Dylan Z. Childs	0.0001	Mesozooplankton dynamics in relation to food availability during spring and early summer in a high latitude glaciated fjord (Kongsfjorden), with focus on Calanus	Kwasniewski, S.; Walkusz, W.; Cottier, F. R.; Leu, E.	JOURNAL OF MARINE SYSTEMS	2013	111		10.1016/j.jmarsys.2012.09.012
Jakob J. Assmann	0.0001	The effects of climate change on the reproduction of coastal invertebrates	Lawrence, AJ; Soame, JM	IBIS	2004	146		10.1111/j.1474-919X.2004.00325.x
Dylan Z. Childs	0.0001	Advanced Autumn Migration of Sparrowhawk Has Increased the Predation Risk of Long-Distance Migrants in Finland	Lehikoinen, Aleksi	PLOS ONE	2011	6	5	10.1371/journal.pone.0020001
Kirsty Macphie	0.0001	Adaptive and nonadaptive changes in phenological synchrony	Linden, Andreas	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2018	115	20	10.1073/pnas.1805698115
Christopher Hassall	0.0001	Population growth of Rhinocyllus conicus (Coleoptera : Curculionidae) on two species of native thistles in Prairie	Louda, SM	ENVIRONMENTAL ENTOMOLOGY	1998	27	4	10.1093/ee/27.4.834
Jamie C. Weir	0.0001	Climate impacts on bird and plant communities from altered animal-plant interactions	Martin, Thomas E.; Maron, John L.	NATURE CLIMATE CHANGE	2012	2	3	10.1038/NCLIMATE1348
Albert B. Phillimore	0.0001	High latitude changes in ice dynamics and their impact on polar marine ecosystems	Moline, Mark A.; Karnovsky, Nina J.; Brown, Zachary; Divoky, George J.; Frazer, Thomas K.; Jacoby, Charles A.; Torrese, Joseph J.; Fraser, William R.	YEAR IN ECOLOGY AND CONSERVATION BIOLOGY 2008	2008	1134		10.1196/annals.1439.010
Albert B. Phillimore	0.0001	Temperature seasonality during fry out-migration influences the survival of hatchery-reared chum salmon Oncorhynchus keta	Morita, K.; Nakashima, A.	JOURNAL OF FISH BIOLOGY	2015	87	4	10.1111/jfb.12767
Kirsty Macphie	0.0001	Temporal trends and variability in a high-arctic ecosystem in Greenland: multidimensional analyses of limnic and terrestrial ecosystems	Mortensen, Lars O.; Jeppesen, Erik; Schmidt, Niels Martin; Christoffersen, Kirsten S.; Tamstorf, Mikkel P.; Forchhammer, Mads C.	POLAR BIOLOGY	2014	37	8	10.1007/s00300-014-1501-2
Albert B. Phillimore	0.0001	REPRODUCTIVE PHENOLOGY OF A TROPICAL DRY FOREST IN MUDUMALAI, SOUTHERN INDIA	MURALI, KS; SUKUMAR, R	JOURNAL OF ECOLOGY	1994	82	4	10.2307/2261441
Kirsty Macphie	0.0001	Thermal plasticity potentially mediates the interaction between host Chilo partellus Swinhoe (Lepidoptera: Crambidae) and endoparasitoid Cotesia flavipes Cameron (Hymenoptera: Braconidae) in rapidly changing environments	Mutamiswa, Reyard; Chidawanyika, Frank; Nyamukondiwa, Casper	PEST MANAGEMENT SCIENCE	2018	74	6	10.1002/ps.4807
Angus Atkinson	0.0001	Declines in British-breeding populations of Afro-Palaearctic migrant birds are linked to bioclimatic wintering zone in Africa, possibly via constraints on arrival time advancement	Ockendon, Nancy; Hewson, Chris M.; Johnston, Alison; Atkinson, Philip W.	BIRD STUDY	2012	59	2	10.1080/00063657.2011.645798
Albert B. Phillimore	0.0001	Modelling the impact on fitness of level of phenological synchrony between species in a pollination mutualism	Olesen, JM	PROCEEDINGS OF THE EIGHT INTERNATIONAL POLLINATION SYMPOSIUM POLLINATION: INTEGRATOR OF CROPS AND NATIVE PLANT SYSTEMS	2001		561	10.17660/ActaHortic.2001.561.11
Angus Atkinson	0.0001	Winter and spring climatic conditions influence timing and synchrony of calving in reindeer	Paoli, Amelie; Weladji, Robert B.; Holand, Oystein; Kumpula, Jouko	PLOS ONE	2018	13	4	10.1371/journal.pone.0195603
Dylan Z. Childs	0.0001	High temperature enhances host pathology in a snail-trematode system: possible consequences of climate change for the emergence of disease	Paull, Sara H.; Johnson, Pieter T. J.	FRESHWATER BIOLOGY	2011	56	4	10.1111/j.1365-2427.2010.02547.x

Angus Atkinson	0.0001	Variable flowering phenology and pollinator use in a community suggest future phenological mismatch	Petanidou, Theodora; Kallimanis, Athanasios S.; Sgardelis, Stefanos P.; Mazaris, Antonios D.; Pantis, John D.; Waser, Nickolas M.	ACTA OECOLOGICA-INTERNATIONAL JOURNAL OF ECOLOGY	2014	59		10.1016/j.actao.2014.06.001
Jamie C. Weir	0.0001	Adaptation of timing of life history traits and population dynamic responses to climate change in spatially structured populations	Pontarp, Mikael; Johansson, Jacob; Jonzen, Niclas; Lundberg, Per	EVOLUTIONARY ECOLOGY	2015	29	4	10.1007/s10682-015-9759-6
Owen T. Lewis	0.0001	Climate-induced changes in host tree-insect phenology may drive ecological state-shift in boreal forests	Pureswaran, Deepa S.; De Grandpre, Louis; Pare, David; Taylor, Anthony; Barrette, Martin; Morin, Hubert; Regniere, Jacques; Kneeshaw, Daniel D.	ECOLOGY	2015	96	6	10.1890/13-2366.1
Jamie C. Weir	0.0001	Phenological shifts and the fate of mutualisms	Rafferty, Nicole E.; CaraDonna, Paul J.; Bronstein, Judith L.	OIKOS	2015	124	1	10.1111/oik.01523
Dylan Z. Childs	0.0001	Phenological overlap of interacting species in a changing climate: an assessment of available approaches	Rafferty, Nicole E.; CaraDonna, Paul J.; Burkle, Laura A.; Iler, Amy M.; Bronstein, Judith L.	ECOLOGY AND EVOLUTION	2013	3	9	10.1002/ece3.668
Dylan Z. Childs	0.0001	Forest health in a changing world: effects of globalization and climate change on forest insect and pathogen impacts	Ramsfield, T. D.; Bentz, B. J.; Faccoli, M.; Jactel, H.; Brockerhoff, E. G.	FORESTRY	2016	89	3	10.1093/forestry/cpw018
Dylan Z. Childs	0.0001	Individual and combined effects of two types of phenological shifts on predator-prey interactions	Rasmussen, Nick L.; Rudolf, Volker H. W.	ECOLOGY	2016	97	12	10.1002/ecy.1578
Katherine Keogan	0.0001	Density dependence and microevolution interactively determine effects of phenology mismatch on population dynamics	Reed, Thomas E.; Gienapp, Phillip; Visser, Marcel E.	OIKOS	2015	124	1	10.1111/oik.01398
Jelmer M. Samplonius	0.0001	PHENOLOGY OF TROPICAL FORESTS - PATTERNS, CAUSES, AND CONSEQUENCES	REICH, PB	CANADIAN JOURNAL OF BOTANY-REVUE CANADIENNE DE BOTANIQUE	1995	73	2	10.1139/b95-020
Dylan Z. Childs	0.0001	(A bit) Earlier or later is always better: Phenological shifts in consumer-resource interactions	Revilla, Tomas A.; Encinas-Viso, Francisco; Loreau, Michel	THEORETICAL ECOLOGY	2014	7	2	10.1007/s12080-013-0207-3
Katherine Keogan	0.0001	Direct impacts of recent climate warming on insect populations	Robinet, Christelle; Roques, Alain	INTEGRATIVE ZOOLOGY	2010	5	2	10.1111/j.1749-4877.2010.00196.x
Owen T. Lewis	0.0001	Impact of urbanization on abundance and phenology of caterpillars and consequences for breeding in an insectivorous bird	Seress, Gabor; Hammer, Tamas; Bokony, Veronika; Vincze, Erno; Preiszner, Balint; Pipoly, Ivett; Sinkovics, Csenge; Evans, Karl L.; Liker, Andras	ECOLOGICAL APPLICATIONS	2018	28	5	10.1002/eap.1730
Jamie C. Weir	0.0001	Geographic mosaics of species' association: a definition and an example driven by plant-insect phenological synchrony	Singer, Michael C.; McBride, Carolyn S.	ECOLOGY	2012	93	12	10.1890/11-2078.1
Dylan Z. Childs	0.0001	Phenological asynchrony between herbivorous insects and their hosts: signal of climate change or pre-existing adaptive strategy?	Singer, Michael C.; Parmesan, Camille	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2010	365	1555	10.1098/rstb.2010.0144
Dylan Z. Childs	0.0001	Timing is Everything: an Overview of Phenological Changes to Plants and Their Pollinators	Solga, Michelle J.; Harmon, Jason P.; Ganguli, Amy C.	NATURAL AREAS JOURNAL	2014	34	2	10.3375/043.034.0213
Angus Atkinson	0.0001	Trophic mismatch requires seasonal heterogeneity of warming	Straile, Dietmar; Kerimoglu, Onur; Peeters, Frank	ECOLOGY	2015	96	10	10.1890/14-0839.1.sm
Jamie C. Weir	0.0001	Marine ecosystems, climate and phenology: introduction	Sydeman, William J.; Bograd, Steven J.	MARINE ECOLOGY PROGRESS SERIES	2009	393		10.3354/meps08382
Jelmer M. Samplonius	0.0001	Climate change and marine vertebrates	Sydeman, William J.; Poloczanska, Elvira; Reed, Thomas E.; Thompson, Sarah Ann	SCIENCE	2015	350	6262	10.1126/science.aac9874
Owen T. Lewis	0.0001	Mismatch revisited: what is trophic mismatching from the perspective of the plankton?	Thackeray, Stephen J.	JOURNAL OF PLANKTON RESEARCH	2012	34	12	10.1093/plankt/fbs066
Jelmer M. Samplonius	0.0001	The landscape context of cereal aphid-parasitoid interactions	Thies, C; Roschewitz, I; Tscharntke, T	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2005	272	1559	10.1098/rspb.2004.2902

Angus Atkinson	0.0001	A 90-year sea warming trend explains outbreak patterns of western spruce budworm on Vancouver Island	Thomson, Alan J.; Benton, Ross	FORESTRY CHRONICLE	2007	83	6	10.5558/tfc83867-6
Malcolm D. Burgess	0.0001	Predicting the effects of climate change on natural enemies of agricultural pests	Thomson, Linda J.; Macfadyen, Sarina; Hoffmann, Ary A.	BIOLOGICAL CONTROL	2010	52	3	10.1016/j.biocontrol.2009.01.022
Angus Atkinson	0.0001	Laying date is a plastic and repeatable trait in a population of Blue Tits Cyanistes caeruleus	Thorley, Jack B.; Lord, Alex M.	ARDEA	2015	103	1	10.5253/arde.v103i1.a7
Jelmer M. Samplonius	0.0001	Climate change and plankton phenology in freshwater: current trends and future commitments	Vadadi-Fueloep, Csaba; Hufnagel, Levente	JOURNAL OF LIMNOLOGY	2014	73	1	10.4081/jlimnol.2014.770
Jelmer M. Samplonius	0.0001	Adaptive phenological mismatches of birds and their food in a warming world	Visser, Marcel E.; te Marvelde, Luc; Lof, Marjolein E.	JOURNAL OF ORNITHOLOGY	2012	153		10.1007/s10336-011-0770-6
Dylan Z. Childs	0.0001	Will climate change have a different impact on different trophic levels? Phenological development of winter moth Operophtera brumata and its host plants	Watt, AD; McFarlane, AM	ECOLOGICAL ENTOMOLOGY	2002	27	2	10.1046/j.1365-2311.2002.00394.x
Jamie C. Weir	0.0001	The effect of phenological asynchrony on population dynamics: analysis of fluctuations of British macrolepidoptera	Watt, AD; Woiwod, IP	OIKOS	1999	87	2	10.2307/3546759
Nathalie Pettorelli	0.0001	Seasonal reproductive tactics: annual timing and the capital-to-income breeder continuum	Williams, Cory T.; Klaassen, Marcel; Barnes, Brian M.; Buck, C. Loren; Arnold, Walter; Giroud, Sylvain; Vetter, Sebastian G.; Ruf, Thomas	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2017	372	1734	10.1098/rstb.2016.0250
Katherine Keogan	0.0001	Seasonal and decadal patterns in Discostella (Bacillariophyceae) species from bi-weekly records of two boreal lakes (Experimental Lakes Area, Ontario, Canada)	Wiltse, Brendan; Paterson, Andrew M.; Findlay, David L.; Cumming, Brian F.	JOURNAL OF PHYCOLOGY	2016	52	5	10.1111/jpy.12443
Emily G. Simmonds	0.0001	The effects of global warming on Daphnia spp. population dynamics: a review	Wojtal-Frankiewicz, Adrianna	AQUATIC ECOLOGY	2012	46	1	10.1007/s10452-011-9380-x
Jacob Johansson	0.0001	Fishery-induced demographic changes in the timing of spawning: consequences for reproductive success	Wright, Peter J.; Trippel, Edward A.	FISH AND FISHERIES	2009	10	3	10.1111/j.1467-2979.2008.00322.x
Jamie C. Weir	0.0001	Transitions in Arctic ecosystems: Ecological implications of a changing hydrological regime	Wrona, Frederick J.; Johansson, Margareta; Culp, Joseph M.; Jenkins, Alan; Mard, Johanna; Myers-Smith, Isla H.; Prowse, Terry D.; Vincent, Warwick F.; Wookey, Philip A.	JOURNAL OF GEOPHYSICAL RESEARCH-BIOGEOSCIENCES	2016	121	3	10.1002/2015JG003133
Jakob J. Assmann	1	Warming affects hatching time and early season survival of eastern tent caterpillars	Abarca, Mariana; Lill, John T.	OECOLOGIA	2015	179	3	10.1007/s00442-015-3371-x
Nathalie Pettorelli	1	Latitudinal variation in responses of a forest herbivore and its egg parasitoids to experimental warming	Abarca, Mariana; Lill, John T.; Frank-Bolton, Pablo	OECOLOGIA	2018	186	3	10.1007/s00442-017-4052-8
Jamie C. Weir	1	Marked reduction in demographic rates and reduced fitness advantage for early breeding is not linked to reduced thermal matching of breeding time	Arlt, Debora; Part, Tomas	ECOLOGY AND EVOLUTION	2017	7	24	10.1002/ece3.3603
Jamie C. Weir	1	Impact of extreme climate and bioinvasion on temporal coupling of spring herring (Clupea harengus m.) larvae and their prey	Arula, T.; Ojaveer, H.; Klais, R.	MARINE ENVIRONMENTAL RESEARCH	2014	102		10.1016/j.marenvres.2014.05.001
Jelmer M. Samplonius	1	Temperature-driven changes in early life-history stages influence the Gulf of Riga spring spawning herring (Clupea harengus m.) recruitment abundance	Arula, T.; Raid, T.; Simm, M.; Ojaveer, H.	HYDROBIOLOGIA	2016	767	1	10.1007/s10750-015-2486-8

Jacob Johansson	1	Questioning the role of phenology shifts and trophic mismatching in a planktonic food web	Atkinson, Angus; Harmer, Rachel A.; Widdicombe, Claire E.; McEvoy, Andrea J.; Smyth, Tim J.; Cummings, Denise G.; Somerfield, Paul J.; Maud, Jacqueline L.; McConville, Kristian	PROGRESS IN OCEANOGRAPHY	2015	137		10.1016/j.pocean.2015.04.023
Stephen J. Thackeray	1	Biodiversity ensures plant-pollinator phenological synchrony against climate change	Bartomeus, Ignasi; Park, Mia G.; Gibbs, Jason; Danforth, Bryan N.; Lakso, Alan N.; Winfree, Rachael	ECOLOGY LETTERS	2013	16	11	10.1111/ele.12170
Stephen J. Thackeray	1	Changing climate and the phenological response of great tit and collared flycatcher populations in floodplain forest ecosystems in Central Europe	Bauer, Zdenek; Trnka, Miroslav; Bauerova, Jana; Mozny, Martin; Stepanek, Petr; Bartosova, Lenka; Zalud, Zdenek	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY	2010	54	1	10.1007/s00484-009-0259-7
Owen T. Lewis	1	Climate-induced trends in predator-prey synchrony differ across life-history stages of an anadromous salmonid	Bell, Donovan A.; Kovach, Ryan P.; Vulstek, Scott C.; Joyce, John E.; Tallmon, David A.	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	2017	74	9	10.1139/cjfas-2016-0309
Jakob J. Assmann	1	Specialization and phenological synchrony of plant-pollinator interactions along an altitudinal gradient	Benadi, Gita; Hovestadt, Thomas; Poethke, Hans-Joachim; Bluethgen, Nico	JOURNAL OF ANIMAL ECOLOGY	2014	83	3	10.1111/1365-2656.12158
Dylan Z. Childs	1	Separating effects of climatic drivers and biotic feedbacks on seasonal plankton dynamics: no sign of trophic mismatch	Berger, Stella A.; Diehl, Sebastian; Stibor, Herwig; Sebastian, Patrizia; Scherz, Antonia	FRESHWATER BIOLOGY	2014	59	10	10.1111/fwb.12424
Nathalie Pettorelli	1	Water temperature and stratification depth independently shift cardinal events during plankton spring succession	Berger, Stella A.; Diehl, Sebastian; Stibor, Herwig; Trommer, Gabriele; Ruhenstroth, Miriam	GLOBAL CHANGE BIOLOGY	2010	16	7	10.1111/j.1365-2486.2009.02134.x
Albert B. Phillimore	1	Seabird nestling diets reflect latitudinal temperature-dependent variation in availability of key zooplankton prey populations	Bertram, Douglas F.; Harfenist, Anne; Hedd, April	MARINE ECOLOGY PROGRESS SERIES	2009	393		10.3354/meps08223
Albert B. Phillimore	1	Effect of temperature and zooplankton abundance on growth and survival of larval threadfin shad	Betsill, RK; Van den Avyle, MJ	TRANSACTIONS OF THE AMERICAN FISHERIES SOCIETY	1997	126	6	10.1577/1548-8659(1997)126<0999:EOTAZA>2.3.CO;2
Owen T. Lewis	1	SEASONAL PLANKTON CYCLES IN A TEMPERATE FJORD AND COMMENTS ON THE MATCH MISMATCH HYPOTHESIS	BOLLENS, SM; FROST, BW; SCHWANINGER, HR; DAVIS, CS; WAY, KJ; LANDSTEINER, MC	JOURNAL OF PLANKTON RESEARCH	1992	14	9	10.1093/plankt/14.9.1279
Jelmer M. Samplonius	1	Climate change and population declines in a long-distance migratory bird	Both, C; Bouwhuis, S; Lessells, CM; Visser, ME	NATURE	2006	441	7089	10.1038/nature04539
Jelmer M. Samplonius	1	Climate change and unequal phenological changes across four trophic levels: constraints or adaptations?	Both, Christiaan; van Asch, Margriet; Bijlsma, Rob G.; van den Burg, Arnold B.; Visser, Marcel E.	JOURNAL OF ANIMAL ECOLOGY	2009	78	1	10.1111/j.1365-2656.2008.01458.x
Katherine Keogan	1	Spring temperatures influence selection on breeding date and the potential for phenological mismatch in a migratory bird	Bowers, E. Keith; Grindstaff, Jennifer L.; Soukup, Sheryl Swartz; Drilling, Nancy E.; Eckerle, Kevin P.; Sakaluk, Scott K.; Thompson, Charles F.	ECOLOGY	2016	97	10	10.1002/ecy.1516
Nathalie Pettorelli	1	DISTRIBUTION OF EARLY-STAGE ATLANTIC COD (GADUS-MORHUA), HADDOCK (MELANOGRAMMUS-AEGLEFINUS), AND WITCH FLOUNDER (GLYPTOCEPHALUS-CYNOGLOSSUS) EGGS ON THE SCOTIAN SHELF - A REAPPRAISAL OF EVIDENCE ON THE COUPLING OF COD SPAWNING AND PLANKTON PRODUCTION	BRANDER, K; HURLEY, PCF	CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES	1992	49	2	10.1139/f92-028

Jacob Johansson	1	Density dependence and phenological mismatch: consequences for growth and survival of sub-arctic nesting Canada Geese	Brook, Rodney W.; Leafloor, James O.; Abraham, Kenneth F.; Douglas, David C.	AVIAN CONSERVATION AND ECOLOGY	2015	10	1	10.5751/ACE-00708-100101
Stephen J. Thackeray	1	Fitness Consequences of Northward Dispersal as Possible Adaptation to Climate Change, Using Experimental Translocation of a Migratory Passerine	Burger, Claudia; Nord, Andreas; Nilsson, Jan-Ake; Gilot-Fromont, Emmanuelle; Both, Christiaan	PLOS ONE	2013	8	12	10.1371/journal.pone.0083176
Jelmer M. Samplonius	1	Tritrophic phenological match-mismatch in space and time	Burgess, Malcolm D.; Smith, Ken W.; Evans, Karl L.; Leech, Dave; Pearce-Higgins, James W.; Branston, Claire J.; Briggs, Kevin; Clark, John R.; du Feu, Chris R.; Lewthwaite, Kate; Nager, Ruedi G.; Sheldon, Ben C.; Smith, Jeremy A.; Whytock, Robin C.; Willis, Stephen G.; Phillimore, Albert B.	NATURE ECOLOGY & EVOLUTION	2018	2	6	10.1038/s41559-018-0543-1
Jakob J. Assmann	1	Phenological trends and trophic mismatch across multiple levels of a North Sea pelagic food web	Burthe, Sarah; Daunt, Francis; Butler, Adam; Elston, David A.; Frederiksen, Morten; Johns, David; Newell, Mark; Thackeray, Stephen J.; Wanless, Sarah	MARINE ECOLOGY PROGRESS SERIES	2012	454		10.3354/meps09520
Albert B. Phillimore	1	Intra-specific variability in life-cycle synchronization of an ectoparasitic fly to its avian host	Calero-Torralbo, Miguel A.; Vaclav, Radovan; Valera, Francisco	OIKOS	2013	122	2	10.1111/j.1600-0706.2012.20374.x
Stephen J. Thackeray	1	Variation in budburst phenology of Douglas-fir related to western spruce budworm (Lepidoptera : Tortricidae) fitness	Chen, Z; Clancy, KM; Kolb, TE	JOURNAL OF ECONOMIC ENTOMOLOGY	2003	96	2	10.1603/0022-0493-96.2.377
Nathalie Pettorelli	1	Earlier Arctic springs cause phenological mismatch in long-distance migrants	Clausen, Kevin Kuhlmann; Clausen, Preben	OECOLOGIA	2013	173	3	10.1007/s00442-013-2681-0
Jamie C. Weir	1	In a warmer Arctic, mosquitoes avoid increased mortality from predators by growing faster	Culler, Lauren E.; Ayres, Matthew P.; Virginia, Ross A.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2015	282	1815	10.1098/rspb.2015.1549
Jelmer M. Samplonius	1	Trophic mismatch and its effects on the growth of young in an Arctic herbivore	Doiron, Madeleine; Gauthier, Gilles; Levesque, Esther	GLOBAL CHANGE BIOLOGY	2015	21	12	10.1111/gcb.13057
Jelmer M. Samplonius	1	Phenological asynchrony in plant-butterfly interactions associated with climate: a community-wide perspective	Donoso, Isabel; Stefanescu, Constanti; Martinez-Abrain, Alejandro; Traveset, Anna	OIKOS	2016	125	10	10.1111/oik.03053
Dylan Z. Childs	1	A test of the mismatch hypothesis: How is timing of reproduction related to food abundance in an aerial insectivore?	Dunn, Peter O.; Winkler, David W.; Whittingham, Linda A.; Hannon, Susan J.; Robertson, Raleigh J.	ECOLOGY	2011	92	2	10.1890/10-0478.1
Emily G. Simmonds	1	Budburst phenology, plant vigor, and host genotype effects on the leaf-galling generation of Callirhytis cornigera (Hymenoptera : Cynipidae) on pin oak	Eliason, EA; Potter, DA	ENVIRONMENTAL ENTOMOLOGY	2000	29	6	10.1603/0046-225X-29.6.1199
Stephen J. Thackeray	1	Nightjars may adjust breeding phenology to compensate for mismatches between moths and moonlight	English, Philina A.; Nocera, Joseph J.; Green, David J.	ECOLOGY AND EVOLUTION	2018	8	11	10.1002/ece3.4077
Jelmer M. Samplonius	1	Warm springs reduce parasitism of the cereal leaf beetle through phenological mismatch	Evans, E. W.; Carlile, N. R.; Innes, M. B.; Pitigala, N.	JOURNAL OF APPLIED ENTOMOLOGY	2013	137	5	10.1111/jen.12028
Jakob J. Assmann	1	Plant-herbivore synchrony and selection on plant flowering phenology	Fogelstroem, Elsa; Olofsson, Martin; Posledovich, Diana; Wiklund, Christer; Dahlgren, Johan P.; Ehrlen, Johan	ECOLOGY	2017	98	3	10.1002/ecy.1676
Owen T. Lewis	1	THE MATCH MISMATCH HYPOTHESIS AND THE FEEDING SUCCESS OF FISH LARVAE IN ICE-COVERED SOUTHEASTERN HUDSON-BAY	FORTIER, L; PONTON, D; GILBERT, M	MARINE ECOLOGY PROGRESS SERIES	1995	120	1-3	10.3354/meps120011

Jakob J. Assmann	1	Spring bloom dynamics and zooplankton biomass response on the US Northeast Continental Shelf	Friedland, Kevin D.; Leaf, Robert T.; Kane, Joe; Tommasi, Desiree; Asch, Rebecca G.; Rebuck, Nathan; Ji, Rubao; Large, Scott I.; Stock, Charles; Saba, Vincent S.	CONTINENTAL SHELF RESEARCH	2015	102		10.1016/j.csr.2015.04.005
Katherine Keogan	1	How does synchrony with host plant affect the performance of an outbreaking insect defoliator?	Fuentealba, Alvaro; Pureswaran, Deepa; Bauce, Eric; Despland, Emma	OECOLOGIA	2017	184	4	10.1007/s00442-017-3914-4
Emily G. Simmonds	1	The importance of a main dish: nestling diet and foraging behaviour in Mediterranean blue tits in relation to prey phenology	Garcia-Navas, Vicente; Jose Sanz, Juan	OECOLOGIA	2011	165	3	10.1007/s00442-010-1858-z
Jakob J. Assmann	1	Aphid-willow interactions in a high Arctic ecosystem: responses to raised temperature and goose disturbance	Gillespie, Mark A. K.; Jonsdottir, Ingibjoerg S.; Hodkinson, Ian D.; Cooper, Elisabeth J.	GLOBAL CHANGE BIOLOGY	2013	19	12	10.1111/gcb.12284
James Pearce-Higgins	0	Plastic and locally adapted phenology in cambial seasonality and production of xylem and phloem cells in Picea abies from temperate environments	Gricar, Jozica; Prislan, Peter; Gryc, Vladimir; Vavrcik, Hanus; de Luis, Martin; Cufar, Katarina	TREE PHYSIOLOGY	2014	34	8	10.1093/treephys/tpu026
Angus Atkinson	1	Reduced compensatory growth capacity in mistimed broods of a migratory passerine	Hegyi, Gergely; Nagy, Gergely; Toeroek, Janos	OECOLOGIA	2013	172	1	10.1007/s00442-012-2487-5
Malcolm D. Burgess	1	EFFECTS OF TEMPERATURE ON PHENOLOGICAL SYNCHRONY AND ALTITUDINAL DISTRIBUTION OF JUMPING PLANT LICE (HEMIPTERA, PSYLLOIDEA) ON DWARF WILLOW (SALIX LAPPONUM) IN NORWAY	HILL, JK; HODKINSON, ID	ECOLOGICAL ENTOMOLOGY	1995	20	3	10.1111/j.1365-2311.1995.tb00453.x
Nathalie Pettorelli	1	Topographical variation reduces phenological mismatch between a butterfly and its nectar source	Hindle, B. J.; Kerr, C. L.; Richards, S. A.; Willis, S. G.	JOURNAL OF INSECT CONSERVATION	2015	19	2	10.1007/s10841-014-9713-x
Jakob J. Assmann	1	Scale-Dependent Phenological Synchrony between Songbirds and Their Caterpillar Food Source	Hinks, Amy E.; Cole, Ella F.; Daniels, Katherine J.; Wilkin, Teddy A.; Nakagawa, Shinichi; Sheldon, Ben C.	AMERICAN NATURALIST	2015	186	1	10.1086/681572
Kirsty Macphie	1	Matches and mismatches: ocean climate, prey phenology and breeding success in a zooplanktivorous seabird	Hipfner, J. Mark	MARINE ECOLOGY PROGRESS SERIES	2008	368		10.3354/meps07603
Jelmer M. Samplonius	1	Maintenance of temporal synchrony between syrphid flies and floral resources despite differential phenological responses to climate	ller, Amy M.; Inouye, David W.; Hoye, Toke T.; Miller-Rushing, Abraham J.; Burkle, Laura A.; Johnston, Eleanor B.	GLOBAL CHANGE BIOLOGY	2013	19	8	10.1111/gcb.12246
Emily G. Simmonds	1	Intra-seasonal variation in zooplankton availability, chick diet and breeding performance of a high Arctic planktivorous seabird	Jakubas, Dariusz; Wojczulanis-Jakubas, Katarzyna; Boehnke, Rafal; Kidawa, Dorota; Blachowiak-Samolyk, Katarzyna; Stempniewicz, Lech	POLAR BIOLOGY	2016	39	9	10.1007/s00300-015-1880-z
James Pearce-Higgins	1	Rapid northwards expansion of a forest insect pest attributed to spring phenology matching with sub-Arctic birch	Jepsen, Jane U.; Kapari, Lauri; Hagen, Snorre B.; Schott, Tino; Vindstad, Ole Petter L.; Nilssen, Arne C.; Ims, Rolf A.	GLOBAL CHANGE BIOLOGY	2011	17	6	10.1111/j.1365-2486.2010.02370.x
Christopher Hassall	1	Preliminary examination of the match-mismatch hypothesis and recruitment variability of yellowtail flounder, Limanda ferruginea	Johnson, DL	FISHERY BULLETIN	2000	98	4	
Jamie C. Weir	1	Match-Mismatch Regulation for Bluegill and Yellow Perch Larvae and Their Prey in Sandhill Lakes	Jolley, Jeffrey C.; Willis, David W.; Holland, Richard S.	JOURNAL OF FISH AND WILDLIFE MANAGEMENT	2010	1	2	10.3996/062010-JFWM-018
Albert B. Phillimore	1	Spring warming increases the abundance of an invasive specialist insect: links to phenology and life history	Ju, Rui-Ting; Gao, Lei; Wei, Shu-Juan; Li, Bo	SCIENTIFIC REPORTS	2017	7		10.1038/s41598-017-14989-3

Albert B. Phillimore	1	Advancing plant phenology and reduced herbivore production in a terrestrial system associated with sea ice decline	Kerby, Jeffrey T.; Post, Eric	NATURE COMMUNICATIONS	2013	4		10.1038/ncomms3514
Christopher Hassall	1	Capital and income breeding traits differentiate trophic match-mismatch dynamics in large herbivores	Kerby, Jeffrey; Post, Eric	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2013	368	1624	10.1098/rstb.2012.0484
Malcolm D. Burgess	1	Flowering time of butterfly nectar food plants is more sensitive to temperature than the timing of butterfly adult flight	Kharouba, Heather M.; Vellend, Mark	JOURNAL OF ANIMAL ECOLOGY	2015	84	5	10.1111/1365-2656.12373
James Pearce-Higgins	1	The effects of experimental warming on the timing of a plant-insect herbivore interaction	Kharouba, Heather M.; Vellend, Mark; Sarfraz, Rana M.; Myers, Judith H.	JOURNAL OF ANIMAL ECOLOGY	2015	84	3	10.1111/1365-2656.12328
Jelmer M. Samplonius	1	Influence of experimental warming and shading on host-parasitoid synchrony	Klapwijk, Maartje J.; Groebler, B. Chris; Ward, Kimberley; Wheeler, David; Lewis, Owen T.	GLOBAL CHANGE BIOLOGY	2010	16	1	10.1111/j.1365-2486.2009.01918.x
Stephen J. Thackeray	1	Performance of a spring-feeding moth in relation to time of oviposition and bud-burst phenology of different host species	Klemola, T; Ruohomaki, K; Tanhuanpaa, M; Kaitaniemi, P	ECOLOGICAL ENTOMOLOGY	2003	28	3	10.1046/j.1365-2311.2003.00520.x
Malcolm D. Burgess	1	Early onset of spring increases the phenological mismatch between plants and pollinators	Kudo, Gaku; Ida, Takashi Y.	ECOLOGY	2013	94	10	10.1890/12-2003.1
Katherine Keogan	1	Breeding timed to maximize reproductive success for a migratory songbird: the importance of phenological asynchrony	Lany, Nina K.; Ayres, Matthew P.; Stange, Erik E.; Sillett, T. Scott; Rodenhouse, Nicholas L.; Holmes, Richard T.	OIKOS	2016	125	5	10.1111/oik.02412
Øystein Varpe	1	Shifting phenology and abundance under experimental warming alters trophic relationships and plant reproductive capacity	Liu, Yinzhan; Reich, Peter B.; Li, Guoyong; Sun, Shucun	ECOLOGY	2011	92	6	10.1890/10-2060.1
Dylan Z. Childs	1	Diet flexibility in a declining long-distance migrant may allow it to escape the consequences of phenological mismatch with its caterpillar food supply	Mallord, John W.; Orsman, Christopher J.; Cristinacce, Andrew; Stowe, Tim J.; Charman, Elisabeth C.; Gregory, Richard D.	IBIS	2017	159	1	10.1111/ibi.12437
James Pearce-Higgins	1	Phenological asynchrony between host plant and gypsy moth reduces insect gut microbiota and susceptibility to Bacillus thuringiensis	Martemyanov, Vyacheslav V.; Belousova, Irina A.; Pavlushin, Sergey V.; Dubovskiy, Ivan M.; Ershov, Nikita I.; Alikina, Tatyana Y.; Kabilov, Marsel R.; Glupov, Victor V.	ECOLOGY AND EVOLUTION	2016	6	20	10.1002/ece3.2460
Malcolm D. Burgess	1	Asynchrony between Host Plant and Insects-Defoliator within a Tritrophic System: The Role of Herbivore Innate Immunity	Martemyanov, Vyacheslav V.; Pavlushin, Sergey V.; Dubovskiy, Ivan M.; Yushkova, Yuliya V.; Morosov, Sergey V.; Chernyak, Elena I.; Efimov, Vadim M.; Ruuhola, Teija; Glupov, Victor V.	PLOS ONE	2015	10	6	10.1371/journal.pone.0130988
Francis Daunt	1	Multiple responses to increasing spring temperatures in the breeding cycle of blue and great tits (Cyanistes caeruleus, Parus major)	Matthysen, Erik; Adriaensen, Frank; Dhondt, Andre A.	GLOBAL CHANGE BIOLOGY	2011	17	1	10.1111/j.1365-2486.2010.02213.x
Malcolm D. Burgess	1	Increasing phenological asynchrony between spring green-up and arrival of migratory birds	Mayor, Stephen J.; Guralnick, Robert P.; Tingley, Morgan W.; Otegui, Javier; Withey, John C.; Elmendorf, Sarah C.; Andrew, Margaret E.; Leyk, Stefan; Pearse, Ian S.; Schneider, David C.	SCIENTIFIC REPORTS	2017	7		10.1038/s41598-017-02045-z
Owen T. Lewis	1	Asynchronous changes in phenology of migrating Broad-tailed Hummingbirds and their early-season nectar resources	McKinney, Amy M.; CaraDonna, Paul J.; Inouye, David W.; Barr, Billy; Bertelsen, C. David; Waser, Nickolas M.	ECOLOGY	2012	93	9	10.1890/12-0255.1

Jelmer M. Samplonius	1	OVIPOSITION BY THE WESTERN CHERRY FRUIT-FLY (DIPTERA, TEPHRITIDAE) IN RELATION TO HOST DEVELOPMENT	MESSINA, FJ; ALSTON, DG; JONES, VP	JOURNAL OF THE KANSAS ENTOMOLOGICAL SOCIETY	1991	64	2	
Francis Daunt	1	Low temperature tolerance and starvation ability of the oak processionary moth: implications in a context of increasing epidemics	Meurisse, Nicolas; Hoch, Gernot; Schopf, Axel; Battisti, Andrea; Gregoire, Jean-Claude	AGRICULTURAL AND FOREST ENTOMOLOGY	2012	14	3	10.1111/j.1461-9563.2011.00562.x
Christopher Hassall	1	Animal migration amid shifting patterns of phenology and predation: lessons from a Yellowstone elk herd	Middleton, Arthur D.; Kauffman, Matthew J.; McWhirter, Douglas E.; Cook, John G.; Cook, Rachel C.; Nelson, Abigail A.; Jimenez, Michael D.; Klaver, Robert W.	ECOLOGY	2013	94	6	10.1890/11-2298.1
Malcolm D. Burgess	1	Phenology and abundance in relation to climatic variation in a sub-arctic insect herbivore-mountain birch system	Mjaaseth, RR; Hagen, SB; Yoccoz, NG; Ims, RA	OECOLOGIA	2005	145	1	10.1007/s00442-005-0089-1
Malcolm D. Burgess	1	When phenology matters: age-size truncation alters population response to trophic mismatch	Ohlberger, Jan; Thackeray, Stephen J.; Winfield, Ian J.; Maberly, Stephen C.; Vollestad, L. Asbjorn	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2014	281	1793	10.1098/rspb.2014.0938
Emily G. Simmonds	1	Different Ultimate Factors Define Timing of Breeding in Two Related Species	Pakanen, Veli-Matti; Orell, Markku; Vatka, Emma; Rytkonen, Seppo; Broggi, Juli	PLOS ONE	2016	11	9	10.1371/journal.pone.0162643
Emily G. Simmonds	1	Budbreak phenology and natural enemies mediate survival of first-instar forest tent caterpillar (Lepidoptera : Lasiocampidae)	Parry, D; Spence, JR; Volney, WJA	ENVIRONMENTAL ENTOMOLOGY	1998	27	6	10.1093/ee/27.6.1368
Albert B. Phillimore	1	Impacts of climate on prey abundance account for fluctuations in a population of a northern wader at the southern edge of its range	Pearce-Higgins, James W.; Dennis, Peter; Whittingham, Mark J.; Yalden, Derek W.	GLOBAL CHANGE BIOLOGY	2010	16	1	10.1111/j.1365-2486.2009.01883.x
Owen T. Lewis	1	Mismatch Between Birth Date and Vegetation Phenology Slows the Demography of Roe Deer	Plard, Floriane; Gaillard, Jean-Michel; Coulson, Tim; Hewison, A. J. Mark; Delorme, Daniel; Warnant, Claude; Bonenfant, Christophe	PLOS BIOLOGY	2014	12	4	10.1371/journal.pbio.1001828
Albert B. Phillimore	1	Effect of environmental variability on body condition and recruitment success of Atlantic Mackerel (Scomber scombrus L.) in the Gulf of St. Lawrence	Plourde, Stephane; Gregoire, Francois; Lehoux, Caroline; Galbraith, Peter S.; Castonguay, Martin; Ringuette, Marc	FISHERIES OCEANOGRAPHY	2015	24	4	10.1111/fog.12113
Emily G. Simmonds	1	Phenological synchrony between a butterfly and its host plants: Experimental test of effects of spring temperature	Posledovich, Diana; Toftegaard, Tenna; Wiklund, Christer; Ehrlen, Johan; Gotthard, Karl	JOURNAL OF ANIMAL ECOLOGY	2018	87	1	10.1111/1365-2656.12770
Jelmer M. Samplonius	1	Climate change reduces reproductive success of an Arctic herbivore through trophic mismatch	Post, Eric; Forchhammer, Mads C.	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2008	363	1501	10.1098/rstb.2007.2207
Kirsty Macphie	1	Warming, plant phenology and the spatial dimension of trophic mismatch for large herbivores	Post, Eric; Pedersen, Christian; Wilmers, Christopher C.; Forchhammer, Mads C.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2008	275	1646	10.1098/rspb.2008.0463
Jelmer M. Samplonius	1	Evaluation of the phenological synchrony between potato crop and Colorado potato beetle under future climate in Europe	Pulatov, Bakhtiyor; Jonsson, Anna Maria; Wilcke, Renate A. I.; Linderson, Maj-Lena; Hall, Karin; Barring, Lars	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	2016	224		10.1016/j.agee.2016.03.027
Jamie C. Weir	1	Oceanographic drivers and mistiming processes shape breeding success in a seabird	Ramirez, Francisco; Afan, Isabel; Tavecchia, Giacomo; Catalan, Ignacio A.; Oro, Daniel; Sanz-Aguilar, Ana	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2016	283	1826	10.1098/rspb.2015.2287
Jelmer M. Samplonius	1	Phenological mismatch strongly affects individual fitness but not population demography in a woodland passerine	Reed, Thomas E.; Jenouvrier, Stephanie; Visser, Marcel E.	JOURNAL OF ANIMAL ECOLOGY	2013	82	1	10.1111/j.1365-2656.2012.02020.x
Jelmer M. Samplonius	1	Responding to environmental change: plastic responses vary little in a synchronous breeder	Reed, Thomas E.; Wanless, Sarah; Harris, Michael P.; Frederiksen, Morten; Kruuk, Loeske E. B.; Cunningham, Emma J. A.	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2006	273	1602	10.1098/rspb.2006.3631

James Pearce-Higgins	1	Importance of trophic mismatch in a winter-hatching species: evidence from lesser sandeel	Regnier, T.; Gibb, F. M.; Wright, P. J.	MARINE ECOLOGY PROGRESS SERIES	2017	567		10.3354/meps12061
Jelmer M. Samplonius	1	Effects of food abundance and early clutch predation on reproductive timing in a high Arctic shorebird exposed to advancements in arthropod abundance	Reneerkens, Jeroen; Schmidt, Niels Martin; Gilg, Olivier; Hansen, Jannik; Hansen, Lars Holst; Moreau, Jerome; Piersma, Theunis	ECOLOGY AND EVOLUTION	2016	6	20	10.1002/ece3.2361
Kirsty Macphie	1	Use of satellite data to identify critical periods for early life survival of northern shrimp in the Gulf of Maine	Richards, R. Anne; O'Reilly, John E.; Hyde, Kimberly J. W.	FISHERIES OCEANOGRAPHY	2016	25	3	10.1111/fog.12153
Dylan Z. Childs	1	Trophic matches and mismatches: can polar bears reduce the abundance of nesting snow geese in western Hudson Bay?	Rockwell, Robert F.; Gormezano, Linda J.; Koons, David N.	OIKOS	2011	120	5	10.1111/j.1600-0706.2010.18837.x
Kirsty Macphie	1	Decadal declines in avian herbivore reproduction: density-dependent nutrition and phenological mismatch in the Arctic	Ross, Megan V.; Alisauskas, Ray T.; Douglas, David C.; Kelletti, Dana K.	ECOLOGY	2017	98	7	10.1002/ecy.1856
Jacob Johansson	1	Phenological synchrony affects interaction strength of an exotic weevil with Platte thistle, a native host plant	Russell, FL; Louda, SM	OECOLOGIA	2004	139	4	10.1007/s00442-004-1543-1
Katherine Keogan	1	Phenological mismatch and ontogenetic diet shifts interactively affect offspring condition in a passerine	Samplonius, Jelmer M.; Kappers, Elena F.; Brands, Stef; Both, Christiaan	JOURNAL OF ANIMAL ECOLOGY	2016	85	5	10.1111/1365-2656.12554
Angus Atkinson	1	Incubation behavior adjustments, driven by ambient temperature variation, improve synchrony between hatch dates and caterpillar peak in a wild bird population	Simmonds, Emily G.; Sheldon, Ben C.; Coulson, Tim; Cole, Ella F.	ECOLOGY AND EVOLUTION	2017	7	22	10.1002/ece3.3446
Jakob J. Assmann	1	Impacts of local adaptation of forest trees on associations with herbivorous insects: implications for adaptive forest management	Sinclair, Frazer H.; Stone, Graham N.; Nicholls, James A.; Cavers, Stephen; Gibbs, Melanie; Butterill, Philip; Wagner, Stefanie; Ducousso, Alexis; Gerber, Sophie; Petit, Remy J.; Kremer, Antoine; Schoenrogge, Karsten	EVOLUTIONARY APPLICATIONS	2015	8	10	10.1111/eva.12329
James Pearce-Higgins	1	Phenological matching rather than genetic variation in host preference underlies geographical variation in host plants used by orange tip butterflies	Stalhandske, Sandra; Olofsson, Martin; Gotthard, Karl; Ehrlen, Johan; Wiklund, Christer; Leimar, Olof	BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY	2016	119	4	10.1111/bij.12838
James Pearce-Higgins	1	Mismatched reproduction is energetically costly for chick feeding female great tits	Te Marvelde, Luc; Webber, Simone L.; Meijer, Harro A. J.; Visser, Marcel E.	FUNCTIONAL ECOLOGY	2011	25	6	10.1111/j.1365-2435.2011.01889.x
Albert B. Phillimore	1	Food web de-synchronization in England's largest lake: an assessment based on multiple phenological metrics	Thackeray, Stephen J.; Henrys, Peter A.; Feuchtmayr, Heidrun; Jones, Ian D.; Maberly, Stephen C.; Winfield, Ian J.	GLOBAL CHANGE BIOLOGY	2013	19	12	10.1111/gcb.12326
Albert B. Phillimore	1	Phenological variation as protection against defoliating insects: the case of Quercus robur and Operophtera brumata	Tikkanen, OP; Julkunen-Tiitto, R	OECOLOGIA	2003	136	2	10.1007/s00442-003-1267-7
Kirsty Macphie	1	Adaptation of a generalist moth, Operophtera brumata, to variable budburst phenology of host plants	Tikkanen, OP; Lyytikainen-Saarenmaa, P	ENTOMOLOGIA EXPERIMENTALIS ET APPLICATA	2002	103	2	10.1046/j.1570-7458.2002.00966.x
Malcolm D. Burgess	1	Population Densities, Vegetation Green-Up, and Plant Productivity: Impacts on Reproductive Success and Juvenile Body Mass in Reindeer	Tveraa, Torkild; Stien, Audun; Bardsen, Bard-J.; Fauchald, Per	PLOS ONE	2013	8	2	10.1371/journal.pone.0056450

Angus Atkinson	1	Evolutionary response of the egg hatching date of a herbivorous insect under climate change	van Asch, Margriet; Salis, Lucia; Holleman, Leonard J. M.; van Lith, Bart; Visser, Marcel E.	NATURE CLIMATE CHANGE	2013	3	3	10.1038/NCLIMATE1717
James Pearce-Higgins	1	Predicting adaptation of phenology in response to climate change, an insect herbivore example	van Asch, Margriet; van Tienderen, Peter H.; Holleman, Leonard J. M.; Visser, Marcel E.	GLOBAL CHANGE BIOLOGY	2007	13	8	10.1111/j.1365-2486.2007.01400.x
Owen T. Lewis	1	Using a phenological network to assess weather influences on first appearance of butterflies in the Netherlands	van der Kolk, Henk-Jan; WallisDeVries, Michiel F.; van Vliet, Arnold J. H.	ECOLOGICAL INDICATORS	2016	69		10.1016/j.ecolind.2016.04.028
Albert B. Phillimore	1	Parasitoid-host metapopulation dynamics: the causes and consequences of phenological asynchrony	Van Nouhuys, S; Lei, GC	JOURNAL OF ANIMAL ECOLOGY	2004	73	3	10.1111/j.0021-8790.2004.00827.x
Albert B. Phillimore	1	Quantitative Assessment of the Importance of Phenotypic Plasticity in Adaptation to Climate Change in Wild Bird Populations	Vedder, Oscar; Bouwhuis, Sandra; Sheldon, Ben C.	PLOS BIOLOGY	2013	11	7	10.1371/journal.pbio.1001605
Kirsty Macphie	1	Effects of Spring Temperatures on the Strength of Selection on Timing of Reproduction in a Long-Distance Migratory Bird	Visser, Marcel E.; Gienapp, Phillip; Husby, Arild; Morrisey, Michael; de la Hera, Ivan; Pulido, Francisco; Both, Christiaan	PLOS BIOLOGY	2015	13	4	10.1371/journal.pbio.1002120
Jelmer M. Samplonius	1	Warmer springs disrupt the synchrony of oak and winter moth phenology	Visser, ME; Holleman, LJM	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	2001	268	1464	10.1098/rspb.2000.1363
Jelmer M. Samplonius	1	Shifts in caterpillar biomass phenology due to climate change and its impact on the breeding biology of an insectivorous bird	Visser, ME; Holleman, LJM; Gienapp, P	OECOLOGIA	2006	147	1	10.1007/s00442-005-0299-6
Jelmer M. Samplonius	1	Warmer springs lead to mistimed reproduction in great tits (Parus major)	Visser, ME; van Noordwijk, AJ; Tinbergen, JM; Lessells, CM	PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES	1998	265	1408	10.1098/rspb.1998.0514
Stephen J. Thackeray	1	Temporal synchrony of Thaumetopoea processionea egg hatch and Quercus robur budburst	Wagenhoff, Eiko; Blum, Rainer; Engel, Katharina; Veit, Holger; Delb, Horst	JOURNAL OF PEST SCIENCE	2013	86	2	10.1007/s10340-012-0457-7
Stephen J. Thackeray	1	Climate-forced seasonal mismatch between the hatching of rhinoceros auklets and the availability of anchovy	Watanuki, Yutaka; Ito, Motohiro; Deguchi, Tomohiro; Minobe, Shoshiro	MARINE ECOLOGY PROGRESS SERIES	2009	393		10.3354/meps08264
Owen T. Lewis	1	Circumpolar analysis of the Adelie Penguin reveals the importance of environmental variability in phenological mismatch	Youngflesh, Casey; Jenouvrier, Stephanie; Li, Yun; Ji, Rubao; Ainley, David G.; Ballard, Grant; Barbraud, Christophe; Delord, Karine; Dugger, Katie M.; Emmerson, Louise M.; Fraser, William R.; Hinke, Jefferson T.; Lyver, Phil O'B.; Olmastroni, Silvia; Southwell, Colin J.; Trivelpiece, Susan G.; Trivelpiece, Wayne Z.; Lynch, Heather J.	ECOLOGY	2017	98	4	10.1002/ecy.1749/suppinfo