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# Bibliography

- ANDERSEN, S. H. 1985.** Tybrind Vig. *Journal of Danish Archaeology* 4: 52-69.
- ANDERSEN, S. T. & RASMUSSEN, K. L. 1993.** Radiocarbon wiggle-dating of elm declines in northwest Denmark and their significance. *Vegetation History and Archaeobotany* 2: 125-35.
- ANDRESEN, S. H., BIETTI, A., BONSALE, C., BROADBENT, N. D., CLARK, G. A., GRAMSCH, B., JACOBI, R. M., LARSSON, L., MORRISON, A., NEWELL, R. R., ROZOY, J.-G., STRAUS, L. G. & WOODMAN, P. C. 1990.** Making cultural ecology relevant to Mesolithic research I: A database of 413 Mesolithic fauna assemblages. P. M. Vermeersch and P. van Peer (eds.) *Contributions to the Mesolithic in Europe* : 23-51. Leuven University Press: Leuven.
- ANDREWS, E. F. 1994.** Territoriality and land-use among the Akulmiut of Western Alaska. E. S. Burch and L. J. Ellanna (eds.) *Key Issues in Hunter-Gatherer Research*: 65-93. Berg: Oxford.
- ATKINSON, T. C., BRIFFA K. R. & COOPE G. R. 1987.** Seasonal temperatures in Britain during the last 22,000 years reconstructed using beetle remains. *Nature* 325: 587-93.
- BAILEY, G. N. 1975.** The role of molluscs in global economies: the results of midden analysis in Australia. *Journal of Archaeological Science* 2: 45-62.
- BAILEY, G. N. 1978.** Shell middens as indicators of postglacial economies. P. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 37-63. Duckworth: London
- BAILEY, G. N. 1983.** Economic changes in Late Pleistocene Cantabria. G. N. Bailey. *Hunter-Gatherer Economy in Prehistory*: 149-65. New Directions in Archaeology. Cambridge University Press: Cambridge.
- BANG-ANDERSEN, S. 1989.** Mesolithic adaptations in the south Norwegian highlands. C. Bonsall (ed.) *The Mesolithic in Europe, Papers presented at the Third International Symposium*: 338-350. John Donald: Edinburgh.
- BANG-ANDERSEN, S. 1996.** The colonisation of Southwest Norway, An ecological approach. L. Larsson (ed.) *The Earliest Settlement of Scandinavia, and its relationship with neighbouring areas*: 219-234. Acta Archaeologica Lundensia. Series 8. no. 24.
- BARNES, B. A. 1982.** *Man and the Changing Landscape*. Merseyside County Museums and Liverpool Dept. of Prehistoric Archaeology. Liverpool.
- BARTON, R. N. E. 1992.** *Hengistbury Head, Dorset*. Oxford Committee for Archaeology: Oxford..
- BARTON, R. N. E., BERRIDGE, P. J., WALKER, M. J. C. & BEVINS, R. E. 1995.** Persistent Places in the Mesolithic landscape: an example from the Black Mountain uplands of south Wales. *Proceedings of the Prehistoric Society* 61: 81-116.
- BASSETT, B. 1997.** *Edible and Poisonous mushrooms*. <http://www.state.mo.us/conservation/nathis/flora/mushroom/mushroom.html>.
- BAUMHOFF, M. A. 1963.** *Ecological Determinants of Aboriginal California Populations*. University of California Press: Berkeley and Los Angeles.
- BAY-PETERSEN, J. L. 1978.** Animal Exploitation in Mesolithic Denmark. P. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 115-145. Duckworth: London.
- BELL, M. & WALKER, M. J. C. 1992.** *Late Quaternary Environmental Change: Physical and Human Perspectives*. Longman: Harlow.
- BENNETT, K. D & BIRKS, H. J. B. 1990.** Post-glacial history of alder (*Alnus glutinosa* (L. ) Gaertn.) in the British Isles. *Journal of Quaternary Science* 5: 123-33.
- BENNETT, K. D. 1985.** The spread of *Fagus grandifolia* across Eastern North America during the last 18,000 years. *Journal of Biogeography* 12: 147-164.
- BENNETT, K. D. 1986.** The rate of spread and population increase of forest trees during the postglacial. *Philosophical Transactions of the Royal Society of London Series B* 314: 523-531.

- BENNETT, K. D. 1989.** A provisional map of forest types for the British Isles 5.000 years ago. *Journal of Quaternary Science* 4: 141-144.
- BENNETT, K. D. 1993.** Holocene forest dynamics with respect to southern Ontario. *Review of Paleobotany and Palynology* 79: 69-81.
- BETTINGER, R. L. 1991.** *Hunter-gatherers: Archaeological and Evolutionary Theory*. Plenum Press: New York.
- BETTINGER, R. L. 1993.** Doing Great Basin archaeology recently, coping with variability. *Journal of Archaeological Research* 1: 43-66.
- BINFORD, L. R. 1962.** Archaeology as anthropology. *American Antiquity* 28: 217-25.
- BINFORD, L. R. 1968.** Post-Pleistocene adaptations. S. R. Binford and L. R. Binford (eds.) *New Perspectives in Archaeology*: 313-341. Aldine Publishing: Chicago.
- BINFORD, L. R. 1978.** *Nunamiut Ethnoarchaeology*. Academic Press: New York.
- BINFORD, L. R. 1980.** Willow smoke and dog's tails: Hunter-gatherer settlement systems and archaeological site formation. *American Antiquity* 45: 4-20.
- BINFORD, L. R. 1981.** *Bones: Ancient Men and Modern Myths*. Academic Press: New York.
- BINFORD, L. R. 1983.** *In Pursuit of the Past, Decoding the Archaeological Record*. Thames and Hudson: London.
- BINFORD, L. R. 1983.** *Working at Archaeology*. Studies in Archaeology. Academic Press: New York and London..
- BIRDSELL, J. 1953.** Some environmental and cultural factors influencing the structuring of Australian Aboriginal populations. *American Naturalist* 87: 171- 207.
- BIRDSELL, J. B. 1968.** Some predictions for the Pleistocene based on equilibrium systems among recent hunter-gatherers. R. B. Lee and I. de Vore (eds.) *Man the Hunter*: 229-40. Aldine Press: Chicago.
- BIRKIN, M. & CLARKE, G. 1991.** Spatial Interaction in Geography. *Geography Review May 1991*: 17-21.
- BIRKS, H. J. B. 1986.** Late Quaternary biotic changes in terrestrial and lacustrine environments. B. Berglund (ed.) *Handbook of Holocene Palaeoecology and Palaeohydrology*: 3-35. Wiley: Chichester.
- BIRKS, H. J. B. 1989.** Holocene Isochrone maps and patterns of tree spreading in the British Isles. *Journal of Biogeography* 16: 503-540.
- BLURTON JONES, N. 1986.** Bushmen birth spacing: A test for optimal interbirth intervals, *Ethnology and Sociobiology* 7: 91-105.
- BLURTON JONES, N. 1986.** Bushmen birth spacing: A test for optimal interbirth 1987. Bushmen birth spacing: Direct tests of some simple predictions, *Ethnology and Sociobiology* 8: 183-203.
- BLURTON JONES, N., AND SIBLY R. M., 1978.** Testing adaptiveness of culturally determined behaviour: Do bushmen women maximise their reproductive success by spacing births widely and foraging seldom? in N. Blurton Jones and V. Reynolds (eds.), *Human Behaviour and Adaptations*: 135-57. London: Taylor and Francis.
- BONSALL, C. 1980.** The coastal factor in the Mesolithic settlement of North-West England. B. Gramsch (ed.) *Mesolithicum in Europa*: 2nd International Symposium. Potsdam: 3-8 April 1978: 451-472. Veröffentlichungen des Museums für Ur- und Frühgeschichte 14/15: Potsdam.
- BONSALL, C. 1988.** Morton and Lussa Wood. the case for Early Flandrian settlement of Scotland comment on Myers. *Scottish Archaeological Review* 5: 30-33.
- BONSALL, C. 1996.** The 'Obanian Problem': Coastal adaptation in the Mesolithic of Western Scotland. T. Pollard and A. Morrison. (ed.) *The Early Prehistory of Scotland*: 183-197. Edinburgh University Press: Edinburgh.
- BORDES, F. 1968.** *The Old Stone Age*. McGraw Hill: New York.
- BORRERO, L. A. 1996.** The Pleistocene-Holocene transition in southern South America. *Humans at the End of the Ice Age*: 339-354. Interdisciplinary Contributions to Archaeology. Plenum Press: New York
- BORRERO, L. A. 1997.** The origins of ethnographic subsistence patterns in Fuego-Patagonia. McEwan. C., Borrero. A., and Prieto. A. (eds.) *Patagonia, Natural History, Prehistory and Ethnography at the Uttermost End of the Earth*: 60-81. British Museum Press: London.
- BOWER, M. M. 1960.** Peat Erosion in the Pennines. *Advancements in Science* 16 (64): 325-331.
- BOX, E. O. 1981.** *Macroclimate and Plant Forms: An Introduction to Predictive Modelling in Phytogeography*. Junk.: The Hague.
- BOYD, W. E. & DICKSON, J. H. 1986.** Patterns in the geographical distribution of the early Flandrian *corylus* rise in South West Scotland. *New. Phytol.* 102: 615-623.
- BRAIDWOOD, R. J. 1974.** The Iraq Jarmo Project. G. R. Willey (ed.) *Archaeological Researches in Retrospect*: 59-83. Winthrop: Cambridge.
- BRATLUND, B. 1996.** Archaeozoological comments on Final Palaeolithic frontiers in Southern Scandinavia. L. Larsson (ed.) *The Earliest Settlement of Scandinavia, and its relationship with neighbouring areas*: 23-33. Archaeologica Lundensia. Series 8. no. 24.
- BREUIL, H. 1946.** The discovery of the antiquity of man. *Journal of the Royal Anthropological Institute of Great Britain and Ireland*: 75: 1: 21-31.
- BRIDGES, L. E. 1948.** *Uttermost Part of the Earth*. Hodder and Stoughton: London.

- BRIGGS, J. L. 1970.** *Never in Anger; Portrait of an Eskimo Family*. Harvard University Press: Cambridge Mass.
- BROADBENT, N. 1979.** Coastal Resources and settlement stability. *Uppsala University Institute of North European Archaeology, Archaeological Studies* 3.
- BROGLIO, A. 1996.** The formation of Mesolithic complexes in the Alpine-Po Valley Region. S. Kozłowski. *The Mesolithic, XIII International Congress of Prehistoric and Protohistoric Sciences forli, Italia*: 41-46. with further details drawn from conference presentation.
- BROWN, A., (1893.** On the continuity of the Palaeolithic and Neolithic periods. *Journal of the Royal Anthropological Institute* 22: 66-98.
- BRZEZIECKI, B., KLENAST, F. & WILDI, O. 1993.** A simulated map of the potential natural forest vegetation of Switzerland. *Journal of Vegetation Science* 4: 499-508.
- BUCKLEY, F. 1924.** 'A Microlithic Industry of the Pennine Chain', privately printed.
- BUCKLEY, F., (UNPUBLISHED)** Notebooks. Tolson Memorial Museum. Huddersfield. pages not numbered.
- BURCH, E. S., JNR, (1980.** Traditional Eskimo societies in Northwest Alaska. Y. Kotami and W. Workman (eds.) *Alaska Native Culture and History. Senri Ethnological Studies* 4: 253-304.
- BURKITT, M. 1925.** The transition between palaeolithic and neolithic times. *Proceedings of the Prehistoric Society of East Anglia* 5: 16-33.
- BUSH, M. B. & FLENLEY, J. R. 1987.** The age of the British Chalk grassland, *Nature* 329: 434 - 436.
- BUSH, M. B. 1988.** Early mesolithic disturbance: A force on the landscape. *Journal Archaeol Sci* 15: 453-62.
- CALDWELL, J., CALDWELL, P., AND CALDWELL, B. 1987.** Anthropology and demography: The mutual reinforcement of ideas and speculation, *Current Anthropology* 28, 1: 25-43.
- CANE, S. 1987.** Australian Aboriginal subsistence in the Western Desert. *Human Ecology* 15: 391-434.
- CARE, V. 1982.** The collection and distribution of lithic materials during the Mesolithic and Neolithic in southern England. *Oxford Journal of Archaeology* 1: 169-85.
- CASHDEN, E. 1985.** Coping with risk: Reciprocity among the Basarwa of Northern Botswana. *Man* 20: 454-74.
- CASTEEL, R. W. 1972.** Two static maximum population-density models for hunter-gatherers: a first approximation. *World Archaeology* 4: 19-39.
- CASTLEFORD, J. 1987.** *Spatial Analysis of Mesolithic Site Patterning in England and Wales*. MA dissertation. University of Victoria: Canada.
- CAULFIELD, S. 1978.** Star Carr - an alternative view. *Irish Archaeological Forum* 5: 15-22.
- CAVALLI-SFORZA, L. L., MENOZZI, P. & PIAZZA, A. 1994.** *The History and Geography of Human Genes*. Princeton University Press: Princeton, New Jersey.
- CHAMBERS, F. M. & ELLIOT, L. 1989.** Spread and expansion of *Alnus* mill. in the British Isles: timing, agencies and possible vectors. *Journal of Biogeography* 16: 541-550.
- CHAMBERS, M. R. & MILNE, H. 1979.** Seasonal variation in the condition of some intertidal invertebrates of the Ythan estuary. Scotland. *Estuarine and Coastal Marine Science* 8: 411-419.
- CHAMBERS. 1950.** *Encyclopaedia* Vol XIII. Chambers: London.
- CHAPMAN, R. R. 1975.** The ecology and behaviour of deer in relation to their impact on the environment of prehistoric Britain. J. G. Evans. S. Limbrey and H. Cleere. (eds.) *The Effect of Man on the Landscape: the Highland Zone*. Council for British Archaeology Research Report 11: 40-42.
- CHARLES, R. 1997.** The exploitation of carnivores and other fur-bearing mammals during the north-western European Late Upper Palaeolithic and Mesolithic. *Oxford Journal of Archaeology* 16 (3): 253-277.
- CHARLES, W. N., MCCOWAN, D. & EAST, K. 1977.** Selection of upland swards by red deer (*Cervus Elaphus* L.) on Rhum. *Journal of Applied Ecology* 14: 55-64.
- CHILDE, V. G. 1925.** *The Dawn of European Civilisation*. Kegan Paul: London.
- CHIPPENDALE, C. 1993.** Ambition, deference, discrepancy, consumption: the intellectual background to a post-processual archaeology. N. Yoffee and A. Sherratt (eds.) *New Directions in Archaeological Theory: Who Sets the Agenda?*. New Directions in Archaeology. Cambridge University Press: Cambridge.
- CLARK, G. A. 1983.** Boreal phase settlement-subsistence models for Cantabrian Spain. G. Bailey (ed.). *Hunter-Gatherer Economy in Prehistory*: 96-110. Cambridge University Press: Cambridge.
- CLARK, J. G. D. 1932.** *The Mesolithic Age in Britain*. Cambridge University Press: Cambridge .
- CLARK, J. G. D. 1936.** *The Mesolithic Settlement of Northern Europe: A Study of the Food-Gathering peoples of Northern Europe during the Early Post-Glacial period*. Cambridge University Press: Cambridge.
- CLARK, J. G. D. 1951.** Folk culture and the study of European prehistory. W. F. Grimes (ed.) *Aspects of Archaeology*: 49-65. Edwards: London.
- CLARK, J. G. D. 1954.** *Excavations at Star Carr*. Cambridge University Press: Cambridge.
- CLARK, J. G. D. 1972.** *Star Carr: A Case Study in Bioarchaeology*. Addison-Wesley Modular Publications No. 10. Reading.

- CLARK, J. G. D. 1978. Neothermal orientations. P. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 1-10. Duckworth: London.
- CLARK, G. 1994. Migration as an explanatory concept in Palaeolithic Archaeology. *Journal of Archaeological Method and Theory* 1: 305-43.
- CLARKE, D. L. 1976. Mesolithic Europe: The Economic Basis. G. de G. Sieveking, I. H. Longworth and K. E. Wilson (eds.) *Problems in Economic and Social Archaeology*: 449-481. Duckworth: London.
- CLOUTMAN, E. W. & SMITH A. G. 1988. Palaeoenvironments in the Vale of Pickering. Part 3. Environmental History at Star Carr. *Proceedings of the Prehistoric Society* 54: 37-58.
- CLOUTMAN, E. W. 1988a. Palaeoenvironments in the Vale of Pickering. Part 1. Stratigraphy and palaeogeography of Seamer Carr. Star Carr and Flixton Carr. *Proceedings of the Prehistoric Society* 54: 1-19.
- CLOUTMAN, E. W. 1988b. Palaeoenvironments in the Vale of Pickering. Part 2. Environmental History at Seamer Carr. *Proceedings of the Prehistoric Society* 54: 21-36.
- COHEN, M.N. 1977. *The Food Crisis in Prehistory*. Yale University Press: New Haven. Connecticut.
- COLES, J. M. 1971. The early settlement of Scotland: excavations at Morton, Fife. *Proceedings of the Prehistoric Society* 37: 284-366.
- CONNELLER, C. J. 1995. Microexcavation, Hearth B (March Hill Top). Spikins, P.A.. (ed.) West Yorkshire Mesolithic Project Site Report: 1994 season., *West Yorkshire Archaeology Service*, for English Heritage and the National Trust.
- CONSTANDSE-WESTERMANN, T. S & NEWELL, R. R. 1989. Social and biological aspects of Western European Mesolithic population structure: a comparison with the demography of North American Indians. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*. 106-15. John Donald: Edinburgh.
- COWLING, E. T. 1946. *Rombalds Way, a Prehistory of Mid-Wharfedale*. Otley.
- CURTIS, L. F., COURTNEY, F. M. & TRUDGILL, S. T. 1976. *Soils in the British Isles*. Longman: London.
- DAVIES, J. 1963. Mesolithic site on Blubberhouses Moor, Wharfedale, West Riding of Yorkshire. *Yorkshire Archaeological Journal* 41: 60-70.
- DAVIS, F. W. & GOETZ, S. 1990. Modelling vegetation pattern using digital terrain data. *Landscape Ecology* 4: 69-80.
- DAVIS, M. B. 1984. Holocene vegetational history of the Eastern United States. H. E. Wright Jr (ed.) *Late Quaternary Environments of the United States Vol 2. The Holocene*: 166-181. Longman: London.
- DAVIS, M. B. 1989. Lags in vegetation response to greenhouse warming. *Climate Change* 15: 79-82.
- DAVIS, M. B., & BOTKIN, D. B. 1985. Sensitivity of cool-temperature forests and their fossil record to rapid temperature changes. *Quaternary Research* 23: 327-40.
- DAVIS, M.B. & ZABINSKI, C. 1992. *Changes in geographical range resulting from greenhouse warming: effects on biodiversity in forests*. Yale University Press: New Haven, Connecticut.
- DAY, P. & MELLARS, P. A. 1994. 'Absolute' dating of Mesolithic human activity at Star Carr. Yorkshire: new palaeological studies. and identification of the 9600BP radiocarbon 'plateau'. *Proceedings of the Prehistoric Society* 60: 417-422.
- DAY, S. P. 1993. Preliminary results of high resolution palaeoecological analyses at Star Carr. Yorkshire. *Cambridge Archaeological Journal* 3: 129-133.
- DAY, S. P. 1996. Dogs, deer and diet at Star Carr: a reconsideration of C-isotope evidence from Early Mesolithic dog remains from the Vale of Pickering, England. *Journal of Archaeological Science* 23: 783-787.
- DE MORTILLET, G. 1885. *Le Préhistorique, antiquité de l'homme*. C. Reinwald: Paris.
- DEITH, M. R. 1989. Clams and Salmonberries: Interpreting seasonality data from shells. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 73-79. John Donald. Edinburgh.
- DELCOURT, P. A & DELCOURT, H. R. 1983. Late Quaternary vegetation dynamics and community stability reconsidered. *Quaternary Research* 19: 265-271.
- DIMBLEBY, G. W. 1967. *Plants and Archaeology*. John Baker: London.
- DONAHUE, R. E. 1996. *A Study of the Archaeology of the Malham Region of the Yorkshire Dales National Park: An Interim Report*. Department of Archaeological Sciences, University of Bradford: Bradford.
- DONALD, L. & MITCHELL, D. H. 1994. Nature and culture on the Northwest Coast of North America: The case of Wakashan Salmon resources. E. S. Burch and L. J. Ellanna (eds.) *Key Issues in Hunter-Gatherer Research*: 95-117. Berg: Oxford.
- DUMONT, J. V. 1988. *A microwear analysis of selected artefact types from the Mesolithic sites of Star Carr and Mount Sandel*. British Archaeological Reports: Oxford.
- DUNNELL, R. C. 1992. The Notion Site. J. Rossignol. and L. Wandsnider (eds.) *Space, Time and Archaeological Landscapes*: 21-41. Interdisciplinary Contributions to Archaeology. Plenum Press: New York.

- EDWARDS, K. J. & RALSTON, I. (1984).** Post-glacial hunters and vegetational history in Scotland. *Proceedings of the Society of Antiquaries of Scotland* 114: 15-34.
- EDWARDS, K. J. 1982.** Man, space and the woodland edge. speculations on the detection and interpretation of human impact on pollen profiles. M. Bell and S. Limbrey, *Archaeological aspects of woodland ecology*: 5-22. British Archaeological Reports International Series 146: Oxford.
- EHRENBERG, M. 1989.** *Women in Prehistory*. British Museum Publications: London.
- ERIKSEN, B. V. 1991.** *Change and Continuity in a Prehistoric Hunter-Gatherer Society: a study of cultural adaptation in late glacial-early postglacial southwestern Germany*. Archaeologica Venatoria: Tübingen, Germany.
- ERIKSEN, B. V. 1996.** Resource exploitation, subsistence strategies, and adaptiveness in Late Pleistocene-Early Holocene Northwest Europe. L.G. Straus, B. V. Eriksen, J. M. Erlandson and D. R. Yesner. *Humans at the End of the Ice Age*. Interdisciplinary Contributions to Archaeology. Plenum Press: New York: 101-128.
- EVANS, R. 1977.** Overgrazing and soil erosion on hill pastures with particular reference to the Peak District. *Journal of the British Grassland Society* 32: 65-76.
- EVANS, R. 1992.** Erosion in England and Wales - the present the key to the past. M. Bell and J. Boardman. (eds.) *Past and Present Soil Erosion, Archaeological and Geographical Perspectives*. Oxbow Monograph 22: 53-66.
- FINLAYSON, B. 1990A.** *A pragmatic approach to the Functional Analysis of Chipped Stone Tools*. unpublished PhD thesis. University of Edinburgh.
- FINLAYSON, B. 1990B.** Lithic exploitation during the Mesolithic in Scotland. *Scottish Archaeological Review* 7: 41-57.
- FINLAYSON, B., FINLAY, N. & MITHEN S. 1996.** Mesolithic chipped stone assemblages: descriptive and analytical procedures used by the Southern Hebrides Mesolithic Project. T. Pollard and A. Morrison. (ed.) *The Early Prehistory of Scotland*: 252-266. Edinburgh University Press: Edinburgh.
- FISCHER, H. S. 1990.** Simulating the distribution of plant communities in an alpine landscape. *Coenoses* 5: 37-43
- FLANNERY, K. V. 1969.** Origins and ecological effects of early domestication in Iran and the Near East. P. Ucko and G. W. Dimbleby. (eds.) *The Domestication and Exploitation of Plants and Animals*: 73-100. Aldine. Chicago.
- FLOWERDEW, J. R. 1987.** *Mammals: Their Reproductive Biology and Population Ecology*. Edward Arnold: London.
- FOOT, D. 1981.** *Operational Urban Models*. Methuen.
- FRASER, F. C. & KING, J. E. 1954.** Faunal remains. J. G. D. Clark. *Excavations at Star Carr*: 70-95. Cambridge University Press: Cambridge.
- FRIS-HANSEN, J. 1990.** Mesolithic cutting arrows. Functional analysis of arrows used in the hunting of large game. *Antiquity* 64: 494-504.
- GAMBLE, C. S. 1982.** Interaction and Alliance in Palaeolithic Society. *Man* 17: 92-107.
- GARTON, D. 1987.** A pilot archaeological field survey of Tintwhistle Moor. North Derbyshire. *Derbyshire Archaeological Journal* 107: 5-13 .
- GENDEL, P. A. 1984.** *Mesolithic Social Territories in Northwestern Europe*. British Archaeological Reports International Series 218: Oxford.
- GENDEL, P. A. 1987.** Sociostylistic analysis of artefacts from the Mesolithic of Northwestern Europe. P. Rowley-Conwy, M. Zvelebil and H. P. Blankholm. *Mesolithic North-West Europe, Recent Trends*: 65-73. Department of Archaeology and Prehistory: Sheffield.
- GODWIN, H. 1975.** *The History of the British Flora*: 2nd Edition. Cambridge University Press: Cambridge.
- GÖRANSSON, H. 1983.** Pollen and seed analyses of the Mesolithic bog site at Ageröd V. L. Larsson (ed.) *Ageröd V, An Atlantic Bog Site in Central Scania*: 153-158. Acta Archaeologica Ludensia. Series 4 (12). University Press. Lund.
- GOUDIE, A. 1995.** *The Changing Earth, rates of geomorphological processes*. Blackwell: Oxford.
- GOUDIE, A. S. & BRUNSDEN, D. 1994.** *The Environment of the British Isles, An Atlas*. Oxford University Press: Oxford.
- GRIEG, J. 1982.** Past and present lime woods of Europe. M. Bell and S. Limbrey (eds.) *Archaeological aspects of woodland ecology*: 23-55. British Archaeological Reports International Series 146: Oxford.
- GRIGSON, C. & MELLARS, P. A. 1987.** The mammalian remains from the middens. P. A. Mellars. *Excavations on Oronsay: Prehistoric Human Ecology on a Small Island*: 243-289. Edinburgh University Press: Edinburgh.
- GRIGSON, C. 1981.** Fauna. I. Simmons and M. Tooley (eds.) *The Environment in British Prehistory*: 110-124. Duckworth: London.
- GRIGSON, C. 1989.** Bird-foraging patterns in the Mesolithic. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 60-72. John Donald: Edinburgh.
- GRIME, J. P., HODGSON, J.C. & HUNT, R. 1988.** *Comparative Plant Ecology: A Functional Approach to Common British Species*. London, Unwin Hyman.
- HAMILTON-DYER, S. & MCCORMICK, F. 1993.** The animal bones. K. D. Connock, B. Finlayson and A. C. M. Mills (ed.) *The excavation of a shell midden site at Carding Mill Bay, near Oban, Scotland*. *Glasgow Archaeological Journal* 17: 34.

- HANCOCK D. A. & SIMPSON, A.C. 1962.** Parameters of Marine Invertebrate Populations. E. D. Le Cren and N. W. Holdgate (eds.) *The Exploitation of Natural Animal Populations*: 28-49. Blackwell Scientific Publications: Oxford.
- HANCOCK, D. A. & URQUHART, A. E. 1966.** The fishery for cockles (*Cardium edule* L.) in the Burry Inset, South Wales. *Fishery Investigations II*: 25: 3.
- HARNER, M. J. 1970.** Population pressure and the social evolution of agriculturalists. *Southwestern Journal of Anthropology* 26: 67-86.
- HASELGROVE, C., MILLET, M. & SMITH, I. 1985.** *Archaeology from the Ploughsoil, Studies in the collection and interpretation of field survey data.* Department of Archaeology and Prehistory, University of Sheffield: Sheffield .
- HASSAN, F. 1978.** Demographic Archaeology. M. Schiffer (ed.) *Advances in Archaeological Method and Theory, Vol 1*: 49-103. Academic Press: New York.
- HAYNES, K. E. & FOTHERINGHAM, A. S. 1984.** *Gravity and Spatial Interaction Models.* Sage.
- HEALY, F., HEATON, M. & LOBB, S. J. 1992.** Excavations of a Mesolithic site at Thatcham. Berkshire. *Proceedings of the Prehistoric Society* 58: 41-76.
- HENGVELD, R. 1985.** On the explanation of the elevation effect by a dynamic interpretation of species distribution along altitudinal gradients. *Blumea* 30: 353-361.
- HEYWORTH, A. 1978.** Submerged forests around the British Isles: their dating and relevance as indicators of post-glacial land and sea level changes. J. Fletcher (ed.) *Dendrochronology in Europe*: 279-294. British Archaeological Reports International Series 51.
- HILL, K. & HAWKES, K. 1983.** Neotropical Hunting amongst the Ache of Eastern Paraguay. R. Hames and W. Vickers (ed.) *Adaptive Responses of Native Amazonians*: 139-88. Academic Press: New York.
- HILL, K. 1988.** Macronutrient modifications of optimal foraging theory: An approach using indifference curves applied to some modern foragers. *Human Ecology* 16: 157-97.
- HODDER, I. 1982.** *Symbols in Action, Ethnoarchaeological Studies of Material Culture.* New Studies in Archaeology. Cambridge University Press: Cambridge.
- HOLM, J. 1996.** The earliest settlement of Denmark. L. Larsson (ed.) *The Earliest Settlement of Scandinavia, and its relationship with neighbouring areas*: 43-59. Acta Archaeologica Lundensia. Series 8. no. 24.
- HONINGMANN, J. J. 1956.** The Attawapiskat Swampy Cree, an ethnographic reconstruction. *The University of Alaska Anthropological Papers* 5 (1): 23-82.
- HONINGMANN, J. J. 1961.** *Foodways in a Muskeg Community.* Northern Co-ordinating and Research Centre Monograph: Ottawa.
- HOWES, F. N. 1948.** *Nuts: Their Production and Everyday Uses.* Faber: London.
- HUNTLEY, B. 1988.** European post-glacial forests: compositional changes in response to climatic change. *Journal of Vegetation Science* 1: 507-18.
- HUNTLEY, B., BERRY, P. M., CRAMER, W. & MACDONALD, A. P. 1995.** Modelling present and potential future ranges of some European higher plants using climate response surfaces. *Journal of Biogeography* 22: 967-1001.
- INGROUILLE, M. 1995.** *Historical Ecology of the British Flora.* Chapman and Hall: London.
- IVERSEN, J. 1949.** The influence of prehistoric man on vegetation. *Danmarks Geologiske, Undersogelse (sog has /o)* IV: 3 (6): 6-23.
- IVERSEN, J. 1958.** The bearing of the glacial and interglacial epochs on the formation and extinction of plant taxa. *Uppsala Universitet Årsskr* 6: 210-215.
- IVERSEN, J. 1973.** The development of Denmark's nature since the last glacial, *Danmarks geol. Undersøgelse Series V*: 7.
- JACOBI, R. A. 1978.** Northern England in the eighth millennium bc: an essay. P. Mellars (ed.). *The Early Postglacial Settlement of Northern Europe*: 295-332. Duckworth: London.
- JACOBI, R. M. 1973.** Aspects of the 'Mesolithic Age' in Great Britain. S. K. Kozłowski. *The Mesolithic in Europe*: 237-265. University Press: Warsaw.
- JACOBI, R. M. 1976.** *Aspects of the Postglacial Archaeology of England and Wales.* unpublished PhD Thesis. Cambridge.
- JACOBI, R. M. 1979.** Early Flandrian hunters in the south-west. *Proceedings of the Devon Archaeological Society* 37: 49-88.
- JACOBI, R. M. 1982.** Later Hunters in Kent: Tasmania and the earliest Neolithic. P. E. Leach (ed.) *Archaeology in Kent to AD 1500.* Council for British Archaeology Research Report No. 48: London.
- JACOBI, R. M., TALLIS, J. H. & MELLARS, P. A. 1976.** The Southern Pennine Mesolithic and the Ecological Record. *Journal of Archaeological Science* 3: 307-320.
- JARMAN, M. R. 1972.** European deer economies and the advent of the Neolithic. E.S. Higgs (ed.) *Papers in Economic Prehistory*: 125-147. Cambridge University Press: Cambridge.
- JOCHIM, M. A. 1976.** *Hunter-gatherer subsistence and settlement: A predictive model.* Academic Press: London.
- JOCHIM, M. A. 1981.** *Strategies for Survival: Cultural Behaviour in an Ecological Context.* Academic Press: New York .
- JOCHIM, M. A. 1988.** Optimal foraging and the division of labour. *American Anthropologist* 90: 130-36.

- JOCHIM, M. A. 1989.** Optimisation and stone-tool studies: problems and potentials. R. Torrence (ed.) *Time, Energy and Stone Tools*: 106-120. Cambridge University Press: Cambridge.
- JOCHIM, M. A. 1990.** The Late Mesolithic in Southwest Germany: Culture change or population decline? P. M. Vermeersch and P. van Peer (eds.) *Contributions to the Mesolithic in Europe*: 183-191. Leuven University Press: Leuven.
- JOCHIM, M. A. 1991.** Archaeology as long-term ethnography. *American Anthropologist* 93: 308-321.
- JOCHIM, M. A. 1996.** Surprises, recurring themes, and new questions. L.G. Straus, B. V. Eriksen, J. M. Erlandson and D. R. Yesner (eds.) *Humans at the End of the Ice Age*: 357-363. Interdisciplinary Contributions to Archaeology, Plenum Press: New York.
- JOHNSON, G. A. L. & DUNHAM, K. C. 1963.** The Geology of Moorhouse. *Monographs of the Nature Conservancy Council* No2. H. M. S. O: London.
- JOHNSON, R. H. 1957.** Observations on the stream patterns of some peat moorland in the southern Pennines. *Memoirs of the Manchester Literary and Philosophical Society* 99: 1-15.
- JONES, R. L. 1993.** *Pleistocene Environments in the British Isles*. Chapman and Hall: London.
- JONSSON, L. 1995.** Vertebrate fauna during the Mesolithic on the Swedish west coast. A. Fischer (ed.) *Man and Sea in the Mesolithic*: 147-155. Oxbow: Oxford.
- KEELEY, L. H. 1988.** Hunter-gatherer economic complexity and "population pressure": a cross-cultural analysis. *Journal of Anthropological Archaeology* 7: 373-411.
- KEENE, A. S. 1981.** *Prehistoric Foraging in a Temperate Forest*. Academic Press: New York.
- KELLY, R. L. 1995.** *The Foraging Spectrum: Diversity in Hunter-Gatherer Lifeways*. Smithsonian Institution Press: Washington.
- KINIETZ, W. V. 1965.** *The Indians of the western Great Lakes*. University of Michigan Press: Ann Arbor.
- KITCHINGS, J. T. & WALTON, B. T. 1991.** Fauna of the North American Temperate Deciduous Forest. Röhrig, E., and Ulrich, B., *Temperate Deciduous Forests, Ecosystems of the World* 7: 345-370. Elsevier: Amsterdam, New York.
- KURT, F. 1968.** *Das Sozialverhalten des Rehes: Ein Feldstudie*. Conzett and Huber: Zurich.
- KVAMME, K. L. & JOCHIM, M. A. 1985.** The environmental basis of Mesolithic settlement. C. Bonsall, (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 1-12. John Donald: Edinburgh.
- LAMB, HUBERT, H. 1985.** Climate and landscape in the British Isles. S. R. J. Woodell (ed.) *The English Landscape, Past, Present and Future*: 148-67. Oxford.
- LAMBECK, K. 1995.** Late Devensian and Holocene shorelines of the British Isles and North Sea from models of glacio-hydro-isostatic rebound. *Journal of the Geological Society* Vol. 152: 437-448.
- LARSSON, L. 1996.** The colonisation of southern Sweden during the deglaciation. L. Larsson (ed.) *The Earliest Settlement of Scandinavia, and its relationship with neighbouring areas*: 141-156. Archaeologica Lundensia. Series 8. no. 24.
- LARSSON, L. 1983.** *Ageröd V, An Atlantic Bog Site in Central Scania*, Acta Archaeologica Ludensia. Series 4: 12. Lund University Press: Lund.
- LARSSON, L. 1989.** Late Mesolithic settlements and cemeteries at Skateholm, southern Sweden. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 367-378. John Donald: Edinburgh.
- LARSSON, L. 1990.** Dogs in Fraction: Symbols in Action. P. M. Vermeersch and P. van Peer (eds.) *Contributions to the Mesolithic in Europe*: 153-160. Leuven University Press: Leuven.
- LARSSON, L. 1996.** *The Earliest Settlement of Scandinavia, and its relationship with neighbouring areas*. Acta Archaeologica Lundensia. Series 8. no. 24.
- LAW, R. & HORSFALL, J. 1882.** On the discovery of flint implements on the hills between Todmorden and Marsden. *Proceedings of the Yorkshire Geological Society* 8: 70-76.
- LEACOCK, E. 1954.** *The Montagnais 'Hunting Territory' and the Fur Trade*. Memoirs of the American Anthropological Association 78: Menasha, Wisconsin.
- LEE, J. 1981.** Atmospheric pollution and the Peak District blanket bogs, J. Phillips, D. Yalden and J. Tallis (eds.) *Peak District Moorland Erosion Study; Phase 1 Report*: 104-109. Peak Park Joint Planning Board: Derbyshire.
- LEE, R. & DEVORE, I. 1968.** *Man the Hunter*. Aldine Press: New York.
- LEE, R. 1979.** *The !Kung San: Men, Women and Work in a Foraging Society*. Cambridge University Press: Cambridge.
- LEE, R. B. 1968.** What hunters do for a living, or how to make out on scarce resources. R. B. Lee and I. De Vore (eds.) *Man the Hunter*: 30-48. Aldine Press: Chicago.
- LEEMANS, R. 1991.** Sensitivity analysis of a forest succession model. *Ecological Modelling* 53: 247-62.
- LEGALL, O. 1996.** Les Pêches au Mesolithiques. Quelques Données de l'Europe Occidentale. *Colloquia of the XIII International Congress of Prehistoric and Protohistoric Sciences*. A. B. A. C. O.: Forli, Italy.
- LEGGE, A. J. & ROWLEY-CONWY, P. A. 1988.** *Star Carr Revisited: A Re-Analysis of the Large Mammals*. Centre for Extra-Mural Studies, Birkbeck College, University of London: London.



- LEGGE, A. J. & ROWLEY-CONWY, P. A. 1989.** Some Preliminary results of a re-examination of the Star Carr fauna. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 225-230. John Donald: Edinburgh.
- LOURANDOS, H. 1997.** *Continent of Hunter-Gatherers: New Perspectives in Australian Prehistory*. Cambridge University Press: Cambridge.
- M. A. F. F., (MINISTRY OF AGRICULTURE FOOD & FISHERIES) 1874.** *Agricultural Returns of Great Britain*. HMSO: London.
- M. A. F. F., (MINISTRY OF AGRICULTURE FOOD & FISHERIES) 1974.** *Agricultural Statistics UK 1973*. HMSO: London.
- MABEY, R. 1975.** *Food for Free*. Fontana: London and Glasgow.
- MABEY, R. 1996.** *Flora Britannica: A definitive guide to wild flowers, plants and trees*. Sinclair-Stevenson: London.
- MACALISTER, R. A. S. 1921.** *Textbook of European Archaeology*. Cambridge University Press: Cambridge.
- MACNEISH, S. 1977.** The beginning of agriculture in Peru. C. A. Reed (ed.) *Origins of Agriculture*: 753-802. Mouton: The Hague.
- MADDEN, M. 1983.** Social Network Systems amongst hunter-gatherers considered within Norway. G. Bailey (ed.) *Hunter-Gatherer Economy in Prehistory*: 191-200. Cambridge University Press: Cambridge.
- MARGALEF, D. R. 1958.** Information Theory in ecology. *General Systems* 3: 36-71.
- MAYEWSKI, P., BUCKLAND, P. C., EDWARDS, K. J., MEEKER, L. D. & O'BRIEN, S. 1996.** Climate Change events as seen in the Greenland Ice Core (GISP2). T. Pollard and A. Morrison. (ed.) *The Early Prehistory of Scotland*: 74-84. Edinburgh University Press: Edinburgh.
- MAYHEW, D. F. 1975.** *The Quaternary History of Some British Rodents and Lagomorphs*. unpublished PhD dissertation. Cambridge.
- MCCORMICK, F. & BUCKLAND, P. C. 1997.** Faunal change: the vertebrate fauna. K. J. Edwards and I. B. M. Ralston. *Scotland: Environment and Archaeology: 8000BC-AD1000*. John Wiley and Sons: Chichester.
- MEESE, D., ALLEY, R. B., GOW, A. J., ET AL (1994).** The accumulation record from the GISP2 core as an indicator of climate change throughout the Holocene. *Science* 266: 1680-2.
- MEIKLEJOHN, C. 1978.** Ecological aspects of population size and growth in late-glacial and early postglacial Europe. P. A. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 65-77. Duckworth: London.
- MELLARS, P. & DARK, P. 1998.** *Star Carr in Context*. MacDonald Institute, Cambridge.
- MELLARS, P. A. 1975.** Ungulate populations. economic patterns and the Mesolithic landscape. J. G. Evans. S. Limbrey and H. Cleere. (ed.) *The Effect of Man on the Landscape: the Highland Zone*: 49-56. Council for British Archaeology Research Report 11: London.
- MELLARS, P. A. 1976.** Fire ecology. animal populations and man: A study of some ecological relationships in prehistory. *Proceedings of the Prehistoric Society* 42: 15-45.
- MELLARS, P. A. 1978.** Excavation and economic analysis of Mesolithic shell middens on the Island of Oronsay (Inner Hebrides). P. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 371-396. Duckworth: London.
- MELLARS, P. A. 1986.** Palaeolithic and Mesolithic. T. Darvill (ed.) *The Archaeology of the Uplands, A Rapid Assessment of Archaeological Knowledge and Practice*: 22-4. Royal Commission on Historic Monuments and Council for British Archaeology : London.
- MELLARS, P. A. 1987.** *Excavations on Oronsay: Prehistoric Human Ecology on a Small Island*. Edinburgh University Press: Edinburgh.
- MERCER, J. 1970.** A regression-time stone workers camp (33ft OD) Lussa River, Isle of Jura. *Proceedings of the Society of Antiquaries of Scotland* 103: 1-33.
- MITCHELL, G. F. 1972.** Some ultimate larnian sites at Lake Derravaragh (Co. Westmeath). *Journal of the Royal Society of Antiquaries of Ireland* 102: 151-159.
- MITHEN, S. & LAKE, M. 1996.** The Southern Hebrides Mesolithic Project. Reconstructing Settlement in Western Scotland. T. Pollard and A. Morrison. (ed.) *The Early Prehistory of Scotland*: 123-151. Edinburgh University Press: Edinburgh.
- MITHEN, S. J. 1987.** Prehistoric red deer hunting: a cost-risk-benefit analysis with reference to Upper Palaeolithic Spain and Mesolithic Denmark. P. A. Rowley-Conwy. M. Zvelebil and H. P. Blankholm (eds.) *Mesolithic Northwest Europe: Recent Trends*: 93-108. Department of Archaeology and Prehistory: Sheffield.
- MITHEN, S. J. 1989.** Modeling hunter-gatherer decision making: complementing optimal foraging theory. *Journal of Human Ecology* 17: 1: 53-89.
- MITHEN, S. J. 1990.** *Thoughtful Foragers: A Study of Prehistoric Decision Making*. Cambridge University Press: Cambridge.
- MITHEN, S. J. 1994.** The Mesolithic Age. B. Cunliffe (ed.) *The Oxford Illustrated Prehistory of Europe*: 79-135. Oxford University Press: Oxford.
- MITHEN, S. J., FINLAYSON, B., FINLAY, N. & LAKE, M. 1992.** Excavation at Bolsay Farm. a Mesolithic site on Islay. *Cambridge Archaeological Journal* 2: 242-253.
- MOE, D. & RACKHAM, O. 1992.** Pollarding and a possible explanation of the neolithic elm fall. *Vegetation History and Archaeobotany* 1: 63-8.

- MØHL, U. 1978.** Aggersund-bodpladsen zoologisk belyst. Svanejagt som årsag til bosættelse? *Kuml* 1978: 57-76.
- MONK, M. A. & PALS, J. P. 1985.** Charred plant remains. P.C. Woodman (ed.) *Excavations at Mount Sandel*. Belfast. HMSO. Northern Ireland Archaeological Monograph 2: 79-81.
- MORRISON, A. 1980.** *Early Man in Britain and Ireland*. Croom Helm: London.
- MOSS, C. E., RANKIN, W. M. & TANSLEY, A. G. 1910.** The Woodlands of England. *New Phytologist* 9: 113-149.
- MYERS, A. M. 1986.** *The Organisation and Structural Dimensions of Lithic Technology: theoretical perspectives from ethnography and ethnoarchaeology as applied to the Mesolithic of Mainland Britain with a case study from northern England*, Unpublished PhD dissertation. University of Sheffield.
- MYERS, A. M. 1987.** All shot to pieces? Inter-assemblage variability. lithic analysis and Mesolithic assemblage types: some preliminary observations. A. G. Brown and M. R. Edmonds (ed.) *Lithic Analysis and Later British Prehistory*: 137-153. British Archaeological Reports, British Series 162. Oxford.
- MYERS, A. M. 1989.** Reliable and maintainable technological strategies in the Mesolithic of mainland Britain. R. Torrence. (ed.). *Time, Energy and Stone Tools*: 78-91. Cambridge University Press: Cambridge.
- NETBOY, A. 1968.** *The Atlantic Salmon: A Vanishing Species?* Faber and Faber: London.
- NEWELL, R. R. & CONSTANDSE-WESTERMANN, T. S. 1986A.** Testing an ethnographic analogue of Mesolithic social structure and the archaeological resolution of Mesolithic ethnic groups and breeding populations, *Proceedings of the Royal Academy of Sciences, Amsterdam* 89: 243-400.
- NEWELL, R. R. & CONSTANDSE-WESTERMANN, T. S. 1986B.** Population growth. density and technology in the western European Mesolithic: Lessons from analogous historical contexts. *Paleohistoria* 26: 1-18.
- NEWELL, R. R. 1973.** The Postglacial adaptations of the indigenous population of the Northwest European Plain. in S. K. Kozłowski. *The Mesolithic in Europe*: 399-440. University Press: Warsaw.
- NEWELL, R. R. 1990.** Making Cultural Ecology relevant to Mesolithic research II: Restocking the larder of the Later Mesolithic of Zealand Denmark. P. M. Vermeersch and P. van Peer (eds.) *Contributions to the Mesolithic in Europe*: 53-69. Leuven University Press: Leuven.
- NOE-NYGAARD, N. 1983.** A new find of Brown Bear (*Ursos arctos*) from Star Carr and other finds in the Late Glacial and Post Glacial of Britain and Denmark. *Journal of Archaeological Science* 10: 317-325.
- NOWELL, J., (1866.** Notes on some rare mosses at Todmorden. *Hull Naturalist* 1 (3): 1-3.
- NYGAARD, S. E. 1987.** Socio-economic developments along the southwestern coast of Norway between 10.000 and 4.000 bc. P. Rowley-Conwy. M. Zvelebil and H. P. Blankholm (eds.) *Mesolithic Northwest Europe: Recent Trends*: 147-154. Department of Archaeology and Prehistory. University of Sheffield.
- O'CONNELL, J. F. & HAWKES, K. 1981.** Alywara plant use and optimal foraging theory. B. Winterhalder and E. A. Smith (ed.) *Hunter-Gatherer Foraging Strategies*: 99-125. University of Chicago Press: Chicago.
- O'CONNELL, J. F. & HAWKES, K. 1984.** Food choice and foraging sites among the Alywara. *Journal of Anthropological Research* 40: 504-35.
- O'SHEA, J. & ZVELEBIL, M. 1984.** Oleneostrovski Mogilnik. reconstructing the social and economic organisation of prehistoric foragers in western Russia. *Journal of Anthropological Archaeology* 3: 1-40.
- ORME, B. 1981.** *Anthropology for Archaeologists*. Duckworth: London.
- ORQUERA, L. A., AND PIANA, E. L. 1987.** Human littoral adaptation in the Beagle Channel: The maximum possible age. *Quaternary of South America and the Antarctic Peninsula* 5: 133-182. Balkema, Rotterdam.
- ORQUERA, L. A., PIANA, E. L., AND TAPIA, A. H. 1984.** Evolución adaptativa humana en la región de Canal Beagle I-II-III, presentación at las Primeras Jornadas de Arqueología de Patagonia (Trelew)
- PALMER, S. 1977.** *Mesolithic Cultures of Britain*. Dolphin Press.
- PALMER, S. 1989.** Mesolithic sites of Portland and their significance. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 254-257. John Donald. Edinburgh.
- PARK, B. C. 1942.** The yield and persistence of wildlife plant foods. *Journal of Wildlife Management* 6 (2): 118-121.
- PENNINGTON, W. 1986.** Lags in the adjustment of vegetation to climate caused by the pace of soil development. *Vegetatio* 67: 105-118.
- PERLMAN, S. M. 1980.** An optimum diet model. coastal variability and hunter-gatherer behaviour. M. B. Schiffer (ed.) *Advances in Archaeological Method and Theory* 3: 257-310. Academic Press: New York.
- PETCH, J. A. 1924.** *Early Man in the District of Huddersfield*. Tolson Memorial Museum. Huddersfield.
- PETEET, D. M. 1995.** Global Younger Dryas?: IGCP 253. Termination of the Pleistocene Final Report. *Quaternary International* 28: 93-104.
- PETERKEN, G. 1981.** Original Natural Woodland. *Woodland Conservation and Management*: 3-20. Chapman and Hall: London.
- PHILLIPS, J. 1981.** Review of sheep management systems in the Peak District. J. Phillips. D. Yalden. and J. Tallis.

- (eds.) *Peak District Moorland Erosion Study; Phase 1 Report*: 110-115. Peak Park Joint Planning Board.
- PHILLIPS, J., YALDEN, D. & TALLIS, J. 1981.** *Peak District Moorland Erosion Study; Phase 1 Report*. Peak Park Joint Planning Board. Derbyshire.
- PHILLIPSON, J. 1966.** *Ecological Energetics*. Arnold: London.
- PIGGOTT, C. D. & HUNTLEY, J. P. 1978.** Factors controlling the distribution of *Tilia Cordata* at the northern limit of its geographical range I Distribution in north-west England *New Phytologist* 81: 429-441.
- PIGGOTT, C. D. & HUNTLEY, J. P. 1980.** Factors controlling the distribution of *Tilia Cordata* at the northern limit of its geographical range II History in north-west England *New Phytologist* 84: 145-64.
- PIGGOTT, C. D. & HUNTLEY, J. P. 1981.** Factors controlling the distribution of *Tilia Cordata* at the northern limit of its geographical range III nature and causes of seed sterility *New Phytologist* 62: 317-334.
- PITTS, M. 1979.** Hides and antlers: a new look at the gatherer-hunter site at Star Carr, North Yorkshire, England. *World Archaeology* 11: 32-42.
- POWNALL, T. 1795.** *An Antiquarian Romance*: London.
- PRATT, K. E. 1996.** *Development of Methods for Investigating Settlement and Land-use using Pollen Data: A Case-Study from North-East England circa 8000 cal BC - cal AD 1000*, unpublished PhD dissertation, University of Durham.
- PRENTICE, I. C. 1986.** Vegetation responses to past climatic variation. *Vegetatio* 67: 131-141.
- PRENTICE, I. C., SYLES, M. T. & CRAMER, W. 1993.** A simulation model for the transient effects of climate change on forest landscapes. *Ecological Modelling* 65: 51-70.
- PRICE, T. D. & BROWN, J. A. 1985.** Aspects of hunter-gatherer complexity. T. D. Price and J. A. Brown (eds.) *Prehistoric Hunter-Gatherers: The Emergence of Cultural Complexity*: 3-20. Studies in Archaeology. Academic Press: Orlando, Florida.
- PRICE, T. D. 1973.** A proposed model for procurement systems in the Mesolithic of Northwestern Europe. S. K. Kozłowski (ed.) *The Mesolithic in Europe*: 455-474. Warsaw University Press: Warsaw.
- PRICE, T. D. 1978.** Mesolithic settlement systems in the Netherlands. P. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 81-103. Duckworth: London.
- PRICE, T. D. 1980.** Regional approaches to human adaptation in the Mesolithic of the North European Plain. B. Gramsch (ed.) *Mesolithicum in Europa: 2nd International Symposium. Potsdam: 3-8 April 1978*: 217-234. Veröffentlichungen des Museums für Ur- und Frühgeschichte 14/15: Potsdam.
- PRICE, T. D. 1982.** Willow tales and dog smoke. *Quarterly Review of Archaeology*. March 1983. pages not numbered.
- PRICE, T. D. 1983.** The European Mesolithic. *American Antiquity* 48: 4.
- PRICE, T. D. 1987.** The Mesolithic of Western Europe. *Journal of World Prehistory* 1: 225-305.
- PRICE, T. D. 1989.** The reconstruction of Mesolithic diets. C. Bonsall (ed.) *The Mesolithic in Europe. Papers presented at the Third International Symposium*: 48-59. John Donald: Edinburgh.
- RACKHAM, O. 1980.** *Ancient Woodland*. Arnold: London.
- RACKHAM, O. 1988.** Trees and woodland in the crowded landscape - the cultural landscape of the British Isles. H. H. Birks. H. J. B. Birks. P. E. Kaland and D. Moe (eds.) *The Cultural Landscape, Past, Present and Future*: 53-77. Cambridge University Press: Cambridge.
- RADLEY, J & MARSHALL, G. 1963.** Mesolithic sites in south-west Yorkshire. *Yorkshire Archaeological Journal* 41: 81-97.
- RADLEY, J & MELLARS, P. 1964.** A Mesolithic structure at Deepcar. Yorkshire. England and the affinities of its associated flint industries. *Proceedings of the Prehistoric Society* 30: 1-22.
- RADLEY, J. & MARSHALL, G.. 1963.** Mesolithic sites in South-west Yorkshire. *Yorkshire Archaeological Journal* 41: 81-97.
- RAISTRICK, A. 1932.** The distribution of Mesolithic sites in the North of England. *Yorkshire Archaeological Journal* 31: 141-156.
- RENOUF, M. A. P. 1989.** Prehistoric hunter-fishers of Varangerfjord. Northeastern Norway: reconstruction of settlement and subsistence during the Younger Stone Age. *British Archaeological Reports International Series* 487: Oxford.
- RIELEY, J & PAGE, S. 1990.** *Ecology of Plant Communities: A phytosociological account of the British vegetation*. Longman Scientific and Technical: Harlow.
- RODWELL, J. S. 1991.** *British Plant Communities, Voll. Woodlands and Scrub*. Cambridge. Cambridge University Press: Cambridge, for the Nature Conservancy Council.
- ROGERS, E. S. & ROGERS, J. H. 1959.** The yearly cycle of the Mistassini Indians. *Artic* 12: 130-138.
- ROGERS, E. S. 1963.** The hunting group-hunting territory complex among the Mistassini Indians. *National Museum of Canada Bulletin* 195. Anthropological Series 63.
- ROGERS, E. S. 1966.** Subsistence areas of the Cree-Ojibway of the Eastern Subarctic: a preliminary study. *National Museum of Canada Bulletin* 204. Contributions to Ethnology 3.

- ROGERS, E. S. 1962.** The Round Lake Ojibway. *Occasional Paper 5*. Art and Archaeology Division. Toronto.
- RÖHRIG, E. & ULRICH, B. 1991.** *Temperate Deciduous Forests, Ecosystems of the World 7*. Elsevier. Amsterdam and New York.
- RÖHRIG, E. 1991.** *Seasonality and Vegetation Structure and Forest Succession*. E. Röhrig and B. Ulrich (eds.) *Temperate Deciduous Forests, Ecosystems of the World 7*: 25-49. Elsevier. Amsterdam: New York.
- ROUSE, I. 1986.** *Migrations in Prehistory: inferring population movement from cultural remains*. Yale University Press: New Haven, London..
- ROWLEY, S. D. M. 1985.** *The Significance of Migration for the understanding of Inuit Cultural Development in the Canadian Arctic*. PhD dissertation. University of Cambridge.
- ROWLEY-CONWY, P. & ZVELEBIL, M. 1989.** Saving it for later: storage by prehistoric hunter-gatherers in Europe. P. Halstead and J. O'Shea (eds.) *Bad Year Economics: Cultural Responses to Risk and Uncertainty*: 40-56. New Directions in Archaeology. Cambridge University Press: Cambridge.
- ROWLEY-CONWY, P. A. 1980.** *Continuity and Change in the Prehistoric Economies of Denmark: 3700BC - 2300BC*. PhD thesis. Cambridge University: Cambridge .
- ROWLEY-CONWY, P. A. 1983.** Sedentary hunters: the Ertebølle example. In G. N. Bailey (ed.) *Hunter-Gatherer Economy in Prehistory: A European Perspective*: 111-126. Cambridge University Press: Cambridge.
- ROWLEY-CONWY, P. A. 1984.** The laziness of the short-distance hunter: The origins of agriculture in Western Denmark. *Journal of Anthropological Archaeology* 3: 300-324.
- ROWLEY-CONWY, P. A. 1986.** Between cave painters and crop planters: Aspects of the temperate European Mesolithic. M. Zvelebil (ed.) *Hunters in Transition: Mesolithic Societies of Temperate Eurasia and their Transition to Farming*: 17-31. Cambridge University Press: Cambridge.
- ROWLEY-CONWY, P. A. 1987.** Animal bones in Mesolithic studies: Recent progress and hopes for the future. P. Rowley-Conwy, M. Zvelebil and H. P. Blankholm (eds.) *Mesolithic Northwest Europe: Recent Trends*: 74-81. H. Charlesworth and Co.: Huddersfield.
- ROWLEY-CONWY, P. A. 1993.** Season and reason: the case for a regional interpretation of Mesolithic settlement patterns. G. L. Peterken, H. Bricker and P. Mellars (eds.) *Hunting and Animal Exploitation in the Later Paleolithic and Mesolithic of Eurasia*: 179-88. Archaeological Papers of the American Anthropological Association 4.
- ROWLEY-CONWY, P. A. 1994.** Mesolithic settlement patterns: New zooarchaeological evidence from the Vale of Pickering, Yorkshire. P. Lowther and G. Phillip (eds.) *University of Durham and Newcastle-upon-Tyne Archaeological Reports* 1994: 1-7. Department of Archaeology. University of Durham.
- ROZOY, J.-G. 1978.** *Les Derniers Chasseurs*. Bulletin de la Société Archéologique Champenoise. special issue.
- RUNKLE, J. R. 1982.** Pattern and disturbance in some old growth mesic forests of Eastern North America. *Ecology* 63: 936-952.
- SACKETT, J. 1982.** Approaches to style in lithic archaeology. *Journal of Anthropological Archaeology* 1: 59-112.
- SAHLINS, M. 1972.** *Stone Age Economics*. Aldine: Chicago.
- SCHADLA-HALL, R. T. 1985.** The Vale of Pickering in the Early Mesolithic in context. C. Bonsall. *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 218-224. John Donald: Edinburgh.
- SCHADLA-HALL, R. T. 1987.** Recent Investigations of the early Mesolithic landscape and settlement in the Vale of Pickering. North Yorkshire. P. Rowley-Conwy, M. Zvelebil and H. P. Blankholm (eds.) *Mesolithic Northwest Europe, Recent Trends*: 46-62.
- SCHALK, R. F. 1981.** Land use and organisational complexity amongst foragers of Northwestern North America. S. Koyama and D. Hurst Thomas (eds.) *Affluent Forager: Pacific Coasts East and West. Senri Ethnological Studies* 9: 53-75.
- SCHIFFER, M. 1987.** *Formation Processes of the Archaeological Record*. University of New Mexico Press: Albuquerque.
- SCHOFIELD, J. 1991.** By experiment and calibration: an Integrated approach to archaeology of the ploughsoil. Schofield, A. J. (ed.) *Interpreting Artefact Scatters: An Introduction*: 93-105. Oxbow Monograph 4. Oxford.
- SCHRIRE, C. 1984.** (ed.) *Past and Present in Hunter-Gatherer Societies*. Academic Press: New York.
- SHENNAN, I. 1989.** Holocene crustal movements and sea-level changes in Great Britain. *Journal of Quaternary Science* 4: 1: 77-89.
- SHENNAN, S. 1985.** *Experiments in the Collection and Interpretation of Archaeological Survey Data: the East Hampshire Survey*. Department of Archaeology and Prehistory. University of Sheffield: Sheffield.
- SIMMONS, I. G. & INNES, J. B. 1987.** Mid-Holocene adaptations and later Mesolithic forest disturbance in northern England. *Journal of Archaeological Science* 14: 385-403.
- SIMMONS, I. G. & INNES, J. B. 1988.** Late Quaternary vegetational history of the North York Moors X. Investigations on East Bilsdale Moor. *Journal of Biogeography* 15: 299-324.
- SIMMONS, I. G. & INNES, J. B. 1987.** Mid-Holocene Adaptations and Later Mesolithic Forest Disturbance in Northern England. *Journal of Archaeological Science* 14: 388-403.

- SIMMONS, I. G. 1969.** Pollen diagrams from the North York Moors. *New Phytologist* 68: 807-27.
- SIMMONS, I. G. 1975.** The Ecological setting of Mesolithic man in the highland zone. J. G. Evans et al (eds.) *The Effect of Man on the Landscape: the Highland Zone*: 57-63. Council for British Archaeology research report No. 11.
- SIMMONS, I. G. 1979.** Late Mesolithic societies and the environment of the uplands of England and Wales. *University of London, Institute of Archaeology, Bulletin* 16: 111-129.
- SIMMONS, I. G. 1981.** Culture and Environment in I. G. Simmons and M. J. Tooley (eds.) *The Environment in British Prehistory*: 82-124 Duckworth: London.
- SIMMONS, I. G. 1996.** *The Environmental Impact of Later Mesolithic Cultures: The Creation of a Moorland Landscape in England and Wales*. Edinburgh University Press: Edinburgh.
- SIMMONS, I. G., ATHERDEN, M., CLOUTMAN, E. W., CUNDILL, P. R., INNES, J. B. & JONES, R. L. 1993.** Prehistoric Environments, Spratt. R. A. (ed.) *Prehistoric and Roman Archaeology of North-East Yorkshire*: 15-50. Council for British Archaeology Research Report no. 87.
- SIMMONS, I. G., ATHERDEN, M., CUNDILL, P. R., INNES, J. B. & JONES, R. L. 1982.** Prehistoric Environments. D. A. Spratt. *Prehistoric and Roman Archaeology of North East Yorkshire*. British Archaeological Reports, British Series 104.
- SIMMONS, I. G., DIMBLEBY, G. W. & GRIGSON, C. 1981.** The Mesolithic. I. Simmons and M. Tooley. *The Environment in British Prehistory*: 82-124. Duckworth: London.
- SIMMONS, I. G., TURNER, J & INNES, J. B. 1989.** An application of fine resolution pollen analysis to later Mesolithic peats of an English upland. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 206-17. John Donald. Edinburgh.
- SIMPSON, G. G. 1964.** Species density of North American recent mammals. *Systematic Zoology* 13: 57-73.
- SKAARUP, J. 1973.** Hesselø-Sølager. Jagdstationen der südsandinavischen Trichterbecherkultur. *Arkeologiske Studier* 1. Akademisk Forlag: Copenhagen.
- SMITH, A. G. 1970.** The influence of Mesolithic and Neolithic man on British vegetation: A discussion. D. Walker and R. G. West. *Studies in the Vegetational History of the British Isles*: 81-96. Cambridge University Press: Cambridge.
- SMITH, C. & OPENSHAW, S. 1990.** Mapping the Mesolithic. in Vermeersch. P. M. and Van Peer. P.. (eds.) *Contributions to the Mesolithic in Europe*: 17-22. Leuven: Leuven University Press.
- SMITH, C. 1989.** British Antler Mattocks. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 272-283. John Donald: Edinburgh.
- SMITH, C. 1990.** *Late Stone Age Hunters of the British Isles*. Routledge: London.
- SMITH, C. 1992.** The population of Late Upper Palaeolithic and Mesolithic Britain. *Proceedings of the Prehistoric Society* 58: 37-40.
- SMITH, J. M. B. 1978.** Dispersal and establishment of plants. D. Walker and J. C. Guppy (eds.) *Biology and Quaternary Environments*: 207-223. Australian Academy of Sciences: Canberra.
- SMITH, P. E. & YOUNG, T.C. 1972.** The evolution of early agriculture and culture in Greater Mesopotamia: a trial model. B. Spooner (eds.) *Population Growth: Anthropological Implications*: 1-59. MIT Press: Cambridge, Massachusetts.
- SOOTHILL, E. & THOMAS, M. J. 1987.** *The Natural History of Britain's Coasts*. Blandford: London.
- SPETH, J. D. & SPIELMAN, K. A. 1983.** Energy source. protein metabolism and hunter-gatherer subsistence strategies. *Journal of Anthropological Archaeology* 2: 1-31.
- SPIKINS, P. A. 1994.** *West Yorkshire Mesolithic Project Site Report: 1993 season*. West Yorkshire Archaeology Service Rep. 168.
- SPIKINS, P. A. 1995A.** West Yorkshire Mesolithic Project Lithics Report. *West Yorkshire Mesolithic Project Site Report 1994 Season*. West Yorkshire Archaeology Service Rep. 259.
- SPIKINS, P. A. 1995B.** *West Yorkshire Mesolithic Project Site Report 1994 season*, West Yorkshire Archaeology Service Rep. 259.
- SPIKINS, P. A. 1995C.** Virtual Landscapes. GIS and lithic scatters in J. A. Schofield (ed.) *Lithics in Context*, Lithics Studies Society Occasional Papers no. 5. Lithics Studies Society: London: 95-104.
- SPIKINS, P. A. 1995D.** *Lithics Catalogue. Al Dishforth to North of Leeming (Yorkshire Museum) North Yorkshire, Final Evaluation Report*: 28-37. Lancaster University Archaeological Unit, for Barton Howe Warren Blackledge.
- SPIKINS, P. A. 1996.** *West Yorkshire Mesolithic Project Site Report 1995 season*, West Yorkshire Archaeology Service Rep. 403
- SPIKINS, P. A. 1999.** *West Yorkshire Mesolithic Project Site Report 1996 season*, West Yorkshire Archaeology Service.
- SPIKINS, P. A., AYESTARAN, H. E. & CONNELLER, C. 1995.** Meaningful patterns or mere pictures: The influence of collection strategy on the interpretation of lithic scatters in J. A. Schofield (ed.) *Lithics in Context*: 125-137. Lithics Studies Society Occasional Papers no. 5. Lithics Studies Society.

- SPIKINS, P. A., BAYLISS, A. & BRONK-RAMSEY C., (IN PREP)** *New dates for the late Mesolithic in Northern England*
- SPRATT, R. A. 1993.** The Mesolithic. In Spratt, R. A. (ed.) *Prehistoric and Roman Archaeology of North-East Yorkshire*. Council for British Archaeology Research Report no. 87.
- STACE, C. A. 1990.** *New Flora of the British Isles*. Cambridge University Press: Cambridge.
- STEPHENS, D. W. & KREBS, J. 1986.** *Foraging Theory*. Princeton University Press: Princeton.
- STEWART, J. H. 1933.** Ethnography of the Owen's Valley Paiute. *University of California Publications in American Archaeology and Ethnology* 33: 233-350.
- STEWART, J. H. 1938.** Basin-Plateau aboriginal sociopolitical groups. *Bureau of American Ethnology Bulletin* 120. Smithsonian Institution: Washington D.C..
- STEWART, J. H. 1941.** Culture element distributions: XIII Nevada Shoshoni. *University of California Anthropological Records* 4: 209-359.
- STONEHOUSE, W. P. B. 1987.** Mesolithic sites on the Pennine watershed, *The Greater Manchester Archaeological Journal* vol. 3: 5-17.
- STONEHOUSE, W. P. B. 1990.** Some Mesolithic sites in the central Pennines: comments on 23 years of fieldwork. *Manchester Archaeological Bulletin* 5: 58-64.
- STRAUS, L. & CLARK, G. A. 1983.** Further reflections on adaptive change in Cantabrian Prehistory. G. Bailey (ed.) *Hunter-Gatherer Economy in Prehistory*: 166-8. Cambridge University Press: Cambridge.
- STUIVER, M. & REIMER, P. J. 1993.** CALIB radiocarbon calibration. *Radiocarbon* 35: 215-230.
- STUIVER, M., GROOTES, P. M. & BRAZIUNAS, T. F. 1995.** The GISP2 delta <sup>18</sup>O climate record of the past 16: 500 years and the role of sun, ocean and volcanoes. *Quaternary Research* 44: 341-354.
- SWITSUR, V. R. & JACOBI, R. M. 1975.** Radiocarbon dates for the Pennine Mesolithic. *Nature* 256: 32-34.
- SWITSUR, V. R. & JACOBI, R. M. 1979.** A radio-carbon chronology for the early post-glacial stone industries of England and Wales. R. Berger and H. E. Suess (eds.) *Radiocarbon dating*: 41-68. University of California Press: Berkeley and Los Angeles.
- SYKES, M. T., PRENTICE, I. C. & CRAMER, W. 1996.** A bioclimatic model for the potential distributions of North European tree species under present and future climates. *Journal of Biogeography* 23: 203-233
- TALLIS, J. H. & SWITSUR, V. R. 1983.** Forest and moorland in the South Pennine uplands in the mid-Flandrian period I. Macrofossil evidence of former forest cover. *Journal of Ecology* 71: 585-600.
- TALLIS, J. H. & SWITSUR, V. R. 1990.** Forest and moorland in the South Pennine uplands in the mid-Flandrian period II. The Hillslope Forests. *Journal of Ecology* 78: 857-883.
- TALLIS, J. H. 1964.** The pre-peat vegetation of the Southern Pennines. *New Phytologist* 63: 363-373.
- TALLIS, J. H. 1990.** Aspects of blanket peat erosion. *Proceedings of the North of England Soils Discussion Group* 24: 27-38.
- TALLIS, J. H. 1991.** Forest and moorland in the South Pennine uplands in the mid-Flandrian period. III. The spread of moorland - local, regional, national. *Journal of Ecology* 79: 401-15.
- TANNER, A. 1979.** *Bringing Home Animals: religious ideology and mode of production of the Mistassini Cree Hunters*. C. Hurst: London.
- TANSLEY, A. G. 1939.** *The Vegetation of the British Isles*. Cambridge University Press: Cambridge.
- TAYLOR, J. A. 1983.** The Peatlands of Britain and Ireland. A. J. P. Gore (ed.) *Mires: Swamp, Bog, Fen and Moor*: 1-32. *Ecosystems of the World* 4. Elsevier: Amsterdam.
- TESTART, A. 1982.** The significance of food storage among hunter-gatherers: residence patterns, population densities and social inequalities. *Current Anthropology* 23: 523-537.
- THOMAS, H. D. 1981.** Complexity among Great Basin Shoshoneans: the world's least affluent hunter-gatherers? *Senri Ethnological Series* 9: 19-51.
- THOMMESSEN, T. 1996.** The early settlement of northern Norway. L. Larsson (ed.) *The Earliest Settlement of Scandinavia, and its relationship with neighbouring areas*: 235-240. *Archaeologica Lundensia. Series* 8. no. 24.
- TILLEY, C. 1979.** Post-Glacial Communities in the Cambridge Region. some theoretical approaches to settlement and subsistence. *British Archaeological Reports British Series* 66.
- TILLEY, C. 1994.** *A Phenomenology of Landscape: places, paths and monuments*. Berg: Oxford.
- TOLAN-SMITH, C. 1996.** *Landscape Archaeology in Tynedale*. Tyne-Solway Ancient and Historic Landscapes Research Programme Monograph.
- TOOLEY, M. J. 1974.** Sea-level changes in the last 9000 years in north-west England. *Geographical Journal* 140: 18-42.
- TOOLEY, M. J. 1978.** *Sea Level Changes in North-West England during the Flandrian Stage*. Clarendon Press: Oxford.
- TRIGGER, B. 1989.** *A History of Archaeological Thought*. Cambridge University Press: Cambridge.
- TRIGGER, B. 1991.** Constraint and freedom; A new synthesis for archaeological explanation. *American Anthropologist* 93: 551-569.
- TURNER, J. & HODGSON, J. 1979.** Studies in the Vegetational History of the Northern Pennines I. .

- Variations in the Composition of the early Flandrian forests. *Journal of Ecology* 67: 629-646.
- TURNER, J. & HODGSON, J. 1981.** Studies in the Vegetational History of the Northern Pennines II. An atypical pollen diagram from Pow Hill. Co. Durham. *Journal of Ecology* 69: 171-188.
- TURNER, J. & HODGSON, J. 1983.** Studies in the Vegetational History of the Northern Pennines III. Variations in the Composition of the mid-Flandrian forests. *Journal of Ecology* 71: 95-119.
- TURNER, J. & HODGSON, J. 1991.** Studies in the Vegetational History of the Northern Pennines IV. Variations in the Composition of the late Flandrian forests and comparisons of those with the early and mid Flandrian. *New Phytologist* 117: 165-174.
- TURNER, J. 1984.** Pollen diagrams from Cross Fell and their implication for former tree lines. E. Y. Haworth and J. W. G. Lund (eds.) *Lake Sediments and Environmental History*: 317-57. Leicester University Press: Leicester.
- TURNER, J. L. 1964.** Notebooks. Tolson Memorial Museum. Huddersfield. pages not numbered.
- TURNER, J., INNES, J. B. & SIMMONS, I. G. 1993.** Spatial Diversity in the mid-Flandrian vegetation history of North Gill, North Yorkshire. *New Phytologist* 123: 599-647.
- TYRON, E. H. & CARVELL, K. L. 1962.** Acorn production and damage. *West Virginia University, Agricultural Experimentation Station, Bulletin* 424T: 5-18.
- VAN DE NOORT, R. & ELLIS, S. 1995.** *Wetland Heritage of the Humberland Levels: An Archaeological Survey*. Humber Wetlands Project, University of Hull: Hull.
- VANG PETERSON, P. 1984.** Chronological and functional variation in the late Mesolithic of Eastern Denmark. *Journal of Danish Archaeology* 3: 7-18.
- VERHARDT, L. B. M. 1990.** Stone age bone and antler points as indicators for 'social territories' in the European Mesolithic. M. Vermeersch. and P. Van Peer. (eds.) *Contributions to the Mesolithic in Europe*: 139-52. Leuven University Press: Leuven.
- VERHARDT, L. B. M. 1995.** Fishing for the Mesolithic. The North Sea: a submerged Mesolithic landscape in A. Fischer *Man and Sea in the Mesolithic. Coastal Settlement above and below present sea level*. Oxbow Monograph 53: Oxford.
- VORREN, Ö & MANKER, E. 1962.** *Lapp Life and Customs*. Oxford University Press: Oxford .
- WALKER, D. 1982.** Vegetation's Fourth Dimension. *New Phytologist* 90: 419-429.
- WATSON, P. J. & KENNEDY, M. C. 1991.** The development of horticulture in the Eastern Woodlands of North America. women's role. J. M. Gero and M. W. Conkey (eds.) *Engendering Archaeology, Women and Prehistory*: 255-276. Blackwell: Oxford.
- WEBB, S. L. 1987.** Beech range extrusion and vegetational history: pollen stratigraphy of two Wisconsin Lakes. *Ecology* 68: 1993-2005.
- WEST, R. G. 1977.** *Pleistocene geology and biology with especial reference to the British Isles*: 2nd Edition. Longman: London.
- WESTROPP, H. M., (1872.** *Prehistoric Phases*: London.
- WHEELER, A. 1978.** Why are there no fish remains at Star Carr?. *Journal of Archaeological Science* 5: 85-9.
- WHITELAW, T. M. 1990.** *The social organisation of space in hunter-gatherer communities: Some implications for social inference in archaeology*. unpublished PhD dissertation. University of Cambridge.
- WICKHAM-JONES, C. & DALLAND, M. 1998.** A small mesolithic site at Fife Ness, Fife, Scotland. *Internet Archaeology* 5.
- WICKHAM-JONES, C. R. 1994.** *Scotland's First Settlers*. Batsford/Historic Scotland: London.
- WIESSNER, P. 1982.** Risk, reciprocity and social influence in !Kung San economies. E. Leacock and R. Lee.. (eds.) *Politics and History in Band Society*: 61-84. Cambridge University Press: Cambridge.
- WIESSNER, P. 1983.** Style and social information in Kalahari San projectile points. *American Antiquity* 4: 253-76.
- WIJNGAARDEN-BAKKER, VAN L. H. 1989.** Faunal remains and the Irish Mesolithic. C. Bonsall (ed.) *The Mesolithic in Europe: Papers presented at the Third International Symposium*: 125-133. John Donald: Edinburgh.
- WILLIAMS, C. T. 1985.** *Mesolithic Exploitation Patterns in the Central Pennines. A Palynological Study of Soyland Moor*. British Archaeological Reports, British Series 139.
- WILLIS, K., J., BRAUN, M., SUMEGI, P., TOTTH, A. 1997.** Does soil change cause vegetation change or vice versa? A temporal perspective from Hungary. *Ecology* 78: 740-750.
- WILSON, D. 1851.** *Archaeology and Prehistoric Annals of Scotland*. Sutherland and Knox: Edinburgh .
- WILSON, J. W., III. 1974.** Analytical zoogeography of North American mammals. *Evolution* 28: 124-140.
- WINTERHALDER, B & SMITH E, A. 1981.** *Hunter-gatherer Foraging Strategies: Ethnographic and Archaeological Analyses*. Chicago University Press: Chicago.
- WOBST, H. M. 1974.** Boundary conditions for paleolithic social systems. *American Antiquity* 39: 147-78.
- WOBST, H. M. 1976.** Locational relationships in Palaeolithic society. *Journal of Human Evolution* 5: 49-58.
- WOBST, H. M. 1978.** The archaeo-ethnology of hunter-gatherers or the tyranny of the ethnographic record in archaeology. *American Antiquity* 43: 303-9.

- WOODMAN, P. C. 1978A)** The chronology and economy of the Irish Mesolithic: some working hypotheses. P. Mellars (ed.) *The Early Postglacial Settlement of Northern Europe*: 333-369. Duckworth: London.
- WOODMAN, P. C. 1978B)** *The Mesolithic in Ireland*: British Archaeological Reports 58: Oxford.
- WOODMAN, P. C. 1985A)** Mobility in the Mesolithic of northwestern Europe: an alternative explanation. T. D. Price and J. A. Brown (eds.) *Prehistoric Hunter-Gatherers: The Emergence of Cultural Complexity*: 325-339. Academic Press: Orlando.
- WOODMAN, P. C. 1985B)** *Excavations at Mount Sandel 1973-77*. Northern Ireland Archaeological Research Monograph 2. HMSO: Belfast.
- WOODMAN, P. C. 1987.** Excavations at Cass Ny Hawin. A Manx Mesolithic site. and the position of the Manx microlithic industries. *Proceedings of the Prehistoric Society* 53: 1-22.
- WOODMAN, P. C. 1989.** A Review of the Scottish Mesolithic: a plea for normality! *Proceedings of the Society of Antiquaries of Scotland* 119: 1-32.
- WRIGHT, K. L. 1994.** Ground-stone tools and hunter-gatherer subsistence in southwest Asia: Implications for the transition to farming. *American Antiquity* 59(2): 238-263.
- WUNDSCH, H. H. 1962.** Noch einiges zum Gebrauch der Aalspeere an der Osteeküste der Deutschen Demokratischen Republik. *Deutsche Fischerei Zeitung Radebeul* 9: 206-210.
- WYMER, J. 1977.** *Gazetteer of Mesolithic Sites in England and Wales, with a Gazetteer of Upper Palaeolithic Sites in England and Wales*. Council for British Archaeology Research Report 22: London.
- WYMER, J. 1991.** *Mesolithic Britain*. Shire Publications: Princes Risborough, Buckinghamshire.
- WYMER, J. J. & CHURCHILL, D. M. 1962.** Excavations at the Maglemosian sites at Thatcham, Berkshire, England. *Proceedings of the Prehistoric Society* 28: 329-61.
- YALDEN, D. 1981.** Sheep numbers in the Peak District. J. Phillips. D. Yalden and J. Tallis (eds.) *Peak District Moorland Erosion Study; Phase 1 Report*: 116-124. Peak Park Joint Planning Board: Derbyshire.
- YARNELL, R. A. 1964.** Aboriginal relationships between culture and plant life in the upper Great Lakes region. *University of Michigan Museum of Anthropology, Anthropological Papers* 23.
- YARWOOD, B & MARRIOTT, J. 1994.** *Lithics Scattered!* Monuments Protection Program Pilot Project Report for English Heritage. West Yorkshire Archaeology Service. Wakefield.
- YESNER, D. R. 1983.** On food storage among hunter-gatherers. *Current Anthropology* 24: 119-120.
- YESNER, D. R. 1996.** Human adaptation at the Pleistocene-Holocene boundary (circa 13.000 to 8.000 BP) in Eastern Beringia. L.G. Straus. B. V. Eriksen. J. M. Erlandson and D. R. Yesner (eds.) *Humans at the End of the Ice Age*: 255-276. Interdisciplinary Contributions to Archaeology. Plenum Press: New York.
- YOUNG, R. 1986.** Destruction. Preservation and Recovery: Weardale. A Case Study. T. G. Manby and P. Turnbull (eds.) *Archaeology in the Pennines, Studies in Honour of Arthur Raistrick*. BAR British Series 158.
- YOUNG, R. 1987.** *Lithics and Subsistence in North-Eastern England. Aspects of the Prehistoric Archaeology of the Wear Valley, Co. Durham, from the Mesolithic to the Bronze Age*. British Archaeological Reports British Series 161: Oxford.
- YOUNG, R. 1989.** Mixed lithic scatters and the Mesolithic-Neolithic transition in the North East of England: A speculation, in I. Brooks and P. Phillips (eds.) *Breaking the Stony Silence: Papers from the Sheffield Lithics Conference 1988*, British Archaeological Reports British Series 213.
- YOUNG, R., AND O'SULLIVAN, D. 1993.** Nessend, Lindisfarne, and the 'Coastal' Mesolithic of North-East England. *Archaeology North* 6: 9-15.
- ZIELINSKI, G. A., MAYEWSKI, P. A., MEEKER, L. D., ET AL. 1994.** A continuous record of volcanism (present to 7000BC) and implications for the volcano-climate system. *Science* 264: 948-52.
- ZVELEBIL, M. & ROWLEY-CONWY, P. 1986.** Foragers and farmers in Atlantic Europe. M. Zvelebil (ed.). *Hunters in Transition: Mesolithic Societies and their Transition to Farming*: 67-93. Cambridge University Press: Cambridge.
- ZVELEBIL, M. 1981.** *From Forager to Farmer in the Boreal Zone: Reconstructing Economic Patterns Through Catchment Analysis in Prehistoric Finland*. British Archaeological Reports International Series 115: Oxford .
- ZVELEBIL, M. 1986.** Mesolithic prelude and Neolithic revolution. M. Zvelebil (ed.). *Hunters in Transition: Mesolithic Societies and their Transition to Farming*: 5-15. Cambridge University Press: Cambridge.
- ZVELEBIL, M. 1994.** Plant Use in the Mesolithic and its role in the transition to farming. *Proceedings of the Prehistoric Society* 60: 35-74.