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## References and further reading

### Geological Conservation Review Series

- Benton, M.J. and Spencer, P.S. (1995) Fossil Reptiles of Great Britain. GCR Series No.10, Chapman & Hall, London, 386pp.
- Bridgland, D.R. (1994) Quaternary of the Thames. GCR Series No.7, Chapman & Hall, London, 441pp.
- Campbell, S. (ed.) (in press) Quaternary of South-west England. GCR Series, Chapman & Hall, London.
- Campbell, S. and Bowen, D.Q. (1989) Quaternary of Wales. GCR Series No.2, Nature Conservancy Council, Peterborough, 237pp.
- Cleal, C.J. and Thomas, B.A. (1996) British Upper Carboniferous Stratigraphy. GCR Series No.11, Chapman & Hall, London, 339pp.
- Cleal, C.J. and Thomas, B.A. (1995) Palaeozoic Palaeobotany of Great Britain. GCR Series No.9, Chapman & Hall, London, 295pp.
- Emeleus, C.H. and Gyopari, M.C. (1992) British Tertiary Volcanic Province. GCR Series No.4, Chapman & Hall, London, 259pp.
- Floyd, P.A., Exley, C.S. and Styles, M.T. (1993) Igneous Rocks of South West England. GCR Series No.5, Chapman & Hall, London, 256pp.
- Gordon, J.E. and Sutherland, D.G. (eds) (1993) Quaternary of Scotland. GCR Series No.6, Chapman & Hall, London, 695pp.
- Gregory, K.J. (ed.) (in press) Fluvial Geomorphology of Great Britain. GCR Series, Chapman & Hall, London.
- Smith, D.B. (1995) Marine Permian of England. GCR Series No.8, Chapman & Hall, London, 205pp.
- Treagus, J.E. (ed.) (1992) Caledonian Structures in Britain: South of the Midland Valley. GCR Series No.3, Chapman & Hall, London, 177pp.
- Waltham, A.C., Simms, M.J., Farrant, A.J. and Goldie, H.S. (in press) Karst and Caves of Great Britain. GCR Series, Chapman & Hall, London.

These volumes, with the exception of Quaternary of Wales, can be bought from Chapman & Hall, 2–6 Boundary Row, London SE1 8HN. Quaternary of Wales is available from Earth Science Branch, JNCC, Monkstone House, City Road, Peterborough, PE1 1JY.

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- Boulton, G.S. and Paul, M.A. (1976) The influence of genetic processes on some geotechnical properties of glacial tills. *Quarterly Journal of Engineering Geology*, 9, 159–94.
- Buckland, W. (1824) Notice on the *Megalosaurus*, or great fossil lizard of Stonesfield. *Transactions of the Geological Society of London*, Series 2, 1, 390–6.
- Clarkson, E.N.K., Milner, A.R. and Coates, M.I. (1994) Palaeoecology of the Visean of East Kirkton, West Lothian, Scotland. *Transactions of the Royal Society of Edinburgh, Earth Sciences*, 84, 417–25.

Conservation Committee of the Geological Society (1984) Record of the Rocks. (Leaflet available from the Geological Society, Burlington House, Piccadilly, London W1V 9AG.)

Duff, K.L., McKirdy, A.P. and Harley, M.J. (1985) New Sites for Old. Nature Conservancy Council, Peterborough.

Dunning, F.W., Mercer, I.F., Owen, M.P., Roberts, R.H. and Lambert, J.L.M. (1978) Britain Before Man. HMSO for the Institute of Geological Sciences, London, 136pp.

Edmonds, E. (1983) The Geological Map. HMSO for the Institute of Geological Sciences, London.

Gass, I. G, Smith, P. J. and Wilson, R.C.L. (eds) (1971) Understanding the Earth, Artemis Press, 355pp.

Geologists' Association. A Code for Geological Fieldwork. (Leaflet available from the Geologists' Association, Burlington House, Piccadilly, London W1V 9AG.)

Grayson, A. (1993) Rock Solid. Natural History Museum, London, 72pp.

Lovell, J.P.B. (1977) The British Isles through Geological Time, a Northward Drift. George Allen & Unwin, London.

National Caving Association (1995) Cave Conservation Policy. National Caving Association, London.

Nature Conservancy Council (1990) Earth Science Conservation in Great Britain — A Strategy and Appendices — A Handbook of Earth Science Conservation Techniques. Nature Conservancy Council, Peterborough.

Rickards, R.B. (1993) Graptolites. In The Encyclopedia of the Solid Earth Sciences (ed. P. Kearey). Blackwell Scientific, Oxford, 713pp.

Wilson, R.C.L. (ed.) (1994) Earth Heritage Conservation. The Geological Society, London in association with The Open University, Milton Keynes, 272pp.

Wyllie, P.J. (1976) The Way the Earth Works. John Wiley & Sons Ltd, New York, 296pp.

## **Further reading**

### **Stratigraphy**

#### **General reading**

Hecht, J. (1995) The Geological Timescale. Inside Science Number 81. New Scientist, 20 May pp.1–4.

#### **Technically advanced level**

Salvador, A. (ed.) (1994) International Stratigraphic Guide: a Guide to Stratigraphic Classification, Terminology and Procedure, 2nd edition. International Union of Geological Sciences and the Geological Society of America, Boulder, Colorado, USA.

Whittaker, A., Cope, J.C.W., Cowie, J.W. et al. (1991) A guide to stratigraphical procedure. Geological Society of London Special Report No. 20, Journal of the Geological Society, London, 148, 813–24.

## **Geology and the geology of Britain**

### **General reading**

An invaluable reference book covering all aspects of Earth heritage conservation is provided by Wilson (ed.) (1994), details of which are provided in the reference list. A personal account of the connections between the geological history

of Britain and its landscapes is given by Fortey, R. (1993) *The Hidden Landscape: A Journey into the Geological Past*. Pimlico, London (paperback) 310pp. It is an extremely readable follow-up to the introduction given in Chapter 3 of this book.

A series of booklets available from the Natural History Museum (Earth Galleries), Exhibition Road, London SW7 5BD, provide a valuable source of information about geology. Titles include: *British Fossils* (three volumes), *Volcanoes*, *Rock Solid* and *Britain's Offshore Oil and Gas* (published by United Kingdom Offshore Operators Association).

Titles available from the British Geological Survey include the *Holiday Geology Guides* series and *Discovering Geology* cards. They are available from British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham NG12 5GG; Murchison House, West Mains Road, Edinburgh EH9 2LF and BGS London Information Office, Natural History Museum (Earth Galleries), Exhibition Road, London SW7 2DE.

In 1993, Scottish Natural Heritage launched a new series of booklets entitled *Landscape Fashioned by Geology*. The series is produced in association with the British Geological Survey and describes the geology of Scotland in relatively simple terms. Titles include *Edinburgh*, *Skye*, *Cairngorms* and *Loch Lomond to Stirling*.

The former Nature Conservancy Council published two booklets in the 'Making of Modern Britain' series:

Nield, T., McKirdy, A.P. and Harley, M.J. (1989) *The Age of Ice*. No. 1.

Nield, T., McKirdy, A.P. and Harley, M.J. (1990) *Death of an Ocean*. No. 2.

### **Advanced level**

The British Geological Survey (addresses above) publishes and sells geological maps and regional geological summaries and memoirs to accompany map sheets.

Two volumes covering the geology of the whole of Britain have been published by the Geological Society, London, and are available from Geological Society Publishing House, Unit 7, Brassmill Enterprise Centre, Brassmill Lane, Bath BA1 3JN:

Craig, G.Y. (1991) *Geology of Scotland*, 3rd edition. 612pp.

Duff, P., McL. D. and Smith, A.J. (ed) (1992) *Geology of England and Wales*. 651pp.

### **Earth heritage and nature conservation**

The reference book *Earth Heritage Conservation* (Wilson, 1994 — see reference list) covers all aspects of the topic. It is available from the Geological Society Publishing House (the address is provided above). *Earth Science Conservation in Great Britain — a Strategy and Appendices — A Handbook of Earth Science Conservation Techniques* is available from the Headquarters offices of the county conservation agencies (see Appendix). Other publications include:

*Earth Heritage* (previously named *Earth Science Conservation*) A twice-yearly journal covering the wide issues relevant to geological and geomorphological conservation. Available from English Nature (see address in Appendix).

Geologists' Association (1989) *Take Care When You Core*. (Leaflet available from the Geologists' Association, Burlington House, Piccadilly, London W1V 9AG.)

Glasser, N.F. and Barber, G. (1995) *Cave conservation plans: the role of English Nature*. *Cave and Karst Science*, 21 (2), 33–6.

Nature Conservancy Council/English Nature (1991–1992) produced several leaflets on Earth heritage conservation principles, including *Conserving our Heritage of Rocks, Fossils and Landforms*; *Fossil collecting and conservation*; *Regionally Important Geological/geomorphological Sites*; and the series "Earth Science conservation for ..." (for Landfill

Managers; for Farmers and Landowners; for the Mineral Extraction Industry; for Quarry and Pit Managers; for District Planners; for Coastal Engineers, and for Wildlife Trusts).

O'Halloran, D., Green, C., Harley, M., Stanley, M. and Knill, J. (eds) (1994) *Geological and Landscape Conservation*. The Geological Society, London. (Proceedings of the Malvern International Conference on Geological and Landscape Conservation, Great Malvern, 1993.)

Prosser, C.D. (1992) Active quarrying and conservation. *Earth Science Conservation*, 31, 22–4.

Prosser, C.D. (1992) Bartonian stratotype seriously threatened. *Geology Today* September- October, 163–4.

Prosser, C. D. (1994) The role of English Nature in fossil excavation. *Geological Curator*, 6 (2), 71–4.

Stevens, C., Gordon, J.E., Green, C.P. and Macklin M.G. (eds) (1994) *Proceedings of the Conference Conserving our Landscape, Evolving Landforms and Ice-age Heritage*, Crewe, 1992. Available from English Nature.