

# Geocryology

A Survey of Periglacial Processes and Environments

A. L. Washburn

This new edition of A. L. Washburn's standard work, *Periglacial Processes and Environments*, provides a comprehensive overview of frost-action and mass-wasting processes and their effects present and past. The text has been greatly augmented, stressing the most recent publications and research, and is illustrated with over 200 photographs and diagrams. Although unresolved views on controversial issues are presented as before, Professor Washburn has, in response to suggestions made by users of the first edition, given greater play to his own views.

## Contents

Preface to the second edition. Introduction. Environmental factors. Frozen ground. General frost-action processes. Some periglacial forms. Mass-wasting processes and forms. Nivation. Slopewash. Fluvial action. Lacustrine and marine action. Wind action. Thermokarst. Environmental overview. Environmental reconstructions. References. Index.

Boards £27.50



**Edward Arnold**

41 Bedford Square, London WC1B 3DQ

## NOTES FOR CONTRIBUTORS

Contributions for publication should be addressed to The Editors, *Geological Magazine*, Sedgwick Museum, Downing Street, Cambridge CB2 3EQ, England.

All contributions, whether articles, correspondence or reviews, must be typed in duplicate on one side of the paper, double spaced throughout, with a wide margin on the left of each page and a narrower margin on the right. Any minor corrections should be made neatly in the typescript, leaving the margins clear.

The total length of a paper should not in general exceed 20 pages of the *Geological Magazine*; preference and priority are given to short papers. Longer papers (between 20 and 40 pages of *Geological Magazine*) will from time to time be considered, but authors wishing to submit such manuscripts should first request further details.

The accuracy of references is the responsibility of authors. References must be double spaced and abbreviated in the form of the *World List of Scientific Periodicals* 4th Edition as far as possible, e.g.

Brooks, M. & James, D. G. 1975. The geological results of seismic refraction surveys in the Bristol Channel, 1970–73. *Q. Jl geol. Soc. Lond.* **131**, 163–82.

Kirby, G. A. 1978. Layered gabbros in the Eastern Lizard, Cornwall, and their significance. *Geol. Mag.* **115**, 199–204.

Books should be cited as:

Ramsey, J. G. 1967. *Folding and Fracturing of Rocks*. New York: McGraw-Hill.

Bott, M. H. P. 1973. The evolution of the Atlantic north of the Faroe Islands. In *Implications of Continental Drift to the Earth Sciences*, vol. 1 (ed. D. H. Tarling and S. N. Runcorn), pp. 175–89. London, New York: Academic Press.

Unpublished work, e.g. from theses, should normally be referred to in the text in parentheses and not included in the reference list unless in the press.

Articles must be accompanied by a brief summary. Contributions should follow the general style of papers in recent issues of the Magazine and the principles laid down in *Notes to Authors* (*Proc. Geol. Soc. Lond.*, No. 1627, Oct. 1965). Headings should be set out clearly, but not underlined. Primary headings should be in lower case, at margin, with arabic numeral; sub-headings should be numbered 2.a, 2.b, etc., and tertiary headings 2.a.1., 2.a.2. No cross-references should be given by page number, but 'above' and 'below' should be used with the section specified, e.g. Section 2.a.1.

Illustrations must be drawn to allow reduction to maximum size of 200 mm × 134 mm; originals should normally be drawn at twice final size and must be sent in a flat package. Lettering must allow for legibility after reduction (i.e. equivalent to 1 mm as a minimum on reduction). Duplicates of illustrations may be prints or, preferably, reductions. Metric units of the SI system are preferred. Illustrations in the text will be referred to as figures (Fig. 2, 2a, etc.), and halftone plates will be referred to (also in arabic) as Plates 2, 2a, etc. Folding plates will not be accepted. Captions for figures and plates must be typed on separate sheets.

Twenty-five offprints of each paper will be provided free of charge. Additional offprints may be purchased according to a set scale of charges.

# Geological Magazine

Volume 117, Number 1, January 1980

---

HUGHES, C. P., RICKARDS, R. B. & WILLIAMS, A. The Ordovician fauna from the Contaya Formation of eastern Peru	1-21
ROZANOV, A. Yu. & SOKOLOV, B. S. The problem of the Precambrian-Cambrian boundary	23-27
PHILLIPS, E. R. On polygenetic myrmekite	29-36
FEWTRELL, M. D. & SMITH, D. G. Revision of the Dinantian stratigraphy of the Craven Basin, N England	37-49
MIDDLEMOST, E. A. K. A contribution to the nomenclature and classification of volcanic rocks	51-57
GREEN, C. P., HEY, R. W. & MCGREGOR, D. F. M. Volcanic pebbles in Pleistocene gravels of the Thames in Buckinghamshire and Hertfordshire	59-64
McNAMARA, K. J. Taxonomy and distribution of chasmopine trilobites	65-80
WILLIAMS, D. M. Evidence for glaciation in the Ordovician rocks of western Ireland	81-86
REVIEWS	87-94
PUBLICATIONS RECEIVED	95-99
NOTICE	100

© Cambridge University Press 1980

*Printed in Great Britain at the University Press, Cambridge*