### Glacial Geomorphology CLIFFORD EMBLETON and CUCHLAINE A. M. KING

When Glacial and Periglacial Geomorphology was first published in 1968, it at once became established as the standard work in its field. It has now been comprehensively revised and substantially enlarged and is now to be published, simultaneously, in two separate volumes, Glacial Geomorphology and Periglacial Geomorphology. This volume is concerned with glacial landforms and the processes of erosion and deposition associated with them in both the past and present.

Publication September Cloth £17.90 net Paper £8.95 net

Periglacial Geomorphology

CLIFFORD EMBLETON and CUCHLAINE A. M. KING

The book opens with a general survey of the periglacial environment, including sections on frost action, chemical weathering, running water and the coastal and lakeshore phenomena of arctic regions. Like its companion, *Glacial Geomorphology*, this book is not only an essential source of reference, but an original contribution to its subject.

Publication September

Cloth £8.95 net Paper £4.50 net

# Introduction to Marine Geology and Geomorphology

**CUCHLAINE A. M. KING** 

The text provides a most detailed introductory account of the morphology and development of the ocean basis. Cloth £9.90 net Paper £4.90 net

#### A Geology for Engineers

Sixth Edition

F. G. H. BLYTH and M. H. de FREITAS

The issue of a sixth edition of this book bears witness to the esteem in which it is held by generations of engineers and geologists. Under joint authorship, the book has been extensively revised to include much new information. All units, except those quoted from actual case histories, conform to the SI.

Cloth £7.50 net Paper £4.50 net

#### An Introduction to

## **The Chemistry of Rocks and Minerals** M. B. PERRIN

This book deals with the application of chemistry to geology, mineralogy and mineral technology at a level suitable for sixth form and technical college students and for undergraduates taking introductory courses in geology and geochemistry.

Cloth £3.80 net Paper £1.90 net

An Introduction to

### **Geological Structures and Maps**

Third (Metric) Edition

G. M. BENNISON

All measurements and scales have been metricated, some diagrams altered and text changes made. The book is for advanced level students and first year undergraduate students of geology.

Publication September £1.20 net approx

EDWARD ARNOLD 25 Hill Street, London W1X 8LL

#### 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. Lapworth, C. 1878. The Moffat Series. Q. Jl geol. Soc., Lond. 34, 240–343. Books should be cited briefly as: Burns, R. G. 1970. Mineralogical applications of crystal field theory. 224 p., C.U.P., London. 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 165 mm×110 mm; originals must not exceed 495 mm×330 mm 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 112, Number 5, September 1975

WILLIAMS, G. E. Late Precambrian glacial climate and the Earth's obliquity	441-465
FERGUSON, C. C. & HARTE, B.  Textural patterns at porphyroblast margins and their use in determining the time relations of deformation and crystallization	467-480
SMITH, D. G. The stratigraphy of Wilhelmøya and Hellwaldfjellet, Svalbard	481-491
GIBBARD, P. L. & STUART, A. J. Flora and vertebrate fauna of the Barrington Beds	493-501
GITTINS, J., ALLEN, C. R. & COOPER, A. F. Phlogopitization of pyroxenite; its bearing on the composition of carbonatite magmas	503-507
CRAWFORD, A. R. & DAVIES, R. G. Ages of Pre-Mesozoic formations of the Lesser Himalaya, Hazara District, Northern Pakistan	509-514
MITCHELL-TAPPING, H. J. Wave effect on sea grasses in the West Indies: the formation of the bare sand zone	515-518
SEAGER, A. F., FITCH, F. J. & MILLER, J. A. Dating post-metamorphic hydrothermal mineralization in the Lizard complex, Cornwall	519-522
HOFMANN, H. J.  Bolopora not a bryozoan, but an Ordovician phosphatic, oncolitic accretion	523-526
ESSAY REVIEW HUDSON, J. D. Carbonate minerals and sediments	527-531
REVIEWS	533-543
PUBLICATIONS RECEIVED	544-546

### © Cambridge University Press 1975

Printed in Great Britain at the University Printing House, Cambridge