

GEOLOGICAL MAGAZINE

CONTENTS

	PAGE
BATESON, J. H. Accretionary Lapilli in a Geosynclinal Environment	1
DUNHAM, A. C. The Nature and Origin of the Groundmass Textures in Felsites and Granophyres from Rhum, Inverness-shire	8
LEHMANN, E. Non-Metasomatic Chlorite in Igneous Rocks	24
FLINN, DEREK. On the Symmetry Principle and the Deformation Ellipsoid	36
PARSONS, IAN. The sub-surface shape of part of the Loch Ailsh Intrusion, Assynt, as deduced from magnetic anomalies across the contact, with a note on traverses across the Loch Borrulan Complex	46
ROBERTS, J. C. Quartz Microfracturing in the North Crop of the South Wales Coalfield	59
MORGAN, W. R. Quartz Keratophyre Sills Intruded into Unconsolidated Sediments in North Queensland, Australia	73

ESSAY REVIEW, pp. 80-86

REVIEWS, pp. 86-7

CORRESPONDENCE, pp. 88-90

PUBLICATIONS RECEIVED, pp. 91-2

STEPHEN AUSTIN & SONS, LTD.

CAXTON HILL, WARE ROAD, HERTFORD, HERTS

GEOLOGICAL MAGAZINE

founded in 1864

incorporating

THE GEOLOGIST

(founded 1858)

Edited by

O. M. B. BULMAN, S. R. NOCKOLDS, and
W. B. HARLAND

assisted by

PROFESSOR W. G. FEARNSIDES PROFESSOR O. T. JONES
PROFESSOR LEONARD HAWKES SIR WILLIAM PUGH
PROFESSOR C. E. TILLEY

The Editors are directed to make it known to the public that the authors alone are responsible for the facts and opinions contained in their respective papers and for the correctness of their references.

Instructions to Contributors.

Articles submitted for publication in the *Geological Magazine* should be addressed to the Editors at the *Sedgwick Museum, Cambridge*, not to the Publishers.

Manuscripts should be typewritten, double-spaced, and preferably with a wide margin, and should be carefully revised; they should be as concise as possible and should not exceed 10,000 words. In the case of a long article allowance must be made for text-figures at the rate of approximately twenty words per sq. in. MS. must be accompanied by a short abstract, 50–100 words. References should not be given in footnotes, but arranged in alphabetic order of author's names at the end of the article; the author's name should be followed by date of publication, and the title of each paper should be given in addition to volume and page numbers of the Journal. The name of the Journal should be abbreviated according to the form in the *World List of Scientific Periodicals* (3rd Ed., London, 1952). Example:—LAPWORTH, C. 1878. The Moffat Series. *Quart. J. geol. Soc. Lond.*, 34, 240–343.

References should be cited in the text by author's name and date with page reference if necessary, in brackets:—(Lapworth, 1878, p. 339).

Illustrations should be so drawn as to allow reduction to a maximum size of $6\frac{3}{4} \times 3\frac{3}{4}$ inches (the type-area of the Magazine) and originals must not exceed 40×22 inches. Map lettering should be such as to be clearly legible after reduction (equivalent to 5-point as a *minimum* on reduction).

Authors will receive 25 reprints free of cost.

Published Bi-monthly U.K. 60/- Overseas \$11 U.S. per annum
(single numbers, 16/6)

Subscriptions for 1964, inquiries relating to back stock, advertising, etc., should be sent to Stephen Austin & Sons, Ltd., Caxton Hill, Ware Road, Hertford, Herts.

Complete unbound volumes prior to 1964 (where available), £5.