

PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Pitt Building, Trumpington Street, Cambridge CB2 1RP, United Kingdom

CAMBRIDGE UNIVERSITY PRESS
The Edinburgh Building, Cambridge CB2 8RU, United Kingdom
32 Avenue of the Americas, New York, NY 10013–2473, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
Ruiz de Alarcón 13, 28014 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

GEOLOGICAL MAGAZINE

CONTENTS

ORIGINAL ARTICLES

Introduction: from the British Tertiary into the future – modern perspectives on the British Palaeogene and North Atlantic Igneous provinces

Jerram, D. A., Goodenough, K. M. & Troll, V. R.

305–308

The onset of the North Atlantic Igneous Province in a rifting perspective

Hansen, J., Jerram, D. A., McCaffrey, K. & Passey, S. R.

309–325

Sedimentary and volcano-tectonic processes in the British Paleocene Igneous Province: a review

Brown, D. J., Holohan, E. P. & Bell, B. R.

326–352

Understanding the offshore flood basalt sequence using onshore volcanic facies analogues: an example from the Faroe–Shetland basin

Jerram, D. A., Single, R. T., Hobbs, R. W. & Nelson, C. E.

353–367

Early mafic magmatism and crustal anatexis on the Isle of Rum: evidence from the Am Màn intrusion breccia

Nicoll, G. R., Holness, M. B., Troll, V. R., Donaldson, C. H., Holohan, E. P., Emeleus, C. H. & Chew, D.

368–381

Trace element and isotope constraints on crustal anatexis by upwelling mantle melts in the North Atlantic Igneous Province: an example from the Isle of Rum, NW Scotland

Meyer, R., Nicoll, G. R., Hertogen, J., Troll, V. R., Ellam, R. M. & Emeleus, C. H.

382–399

The Southern Mountains Zone, Isle of Rum, Scotland: volcanic and sedimentary processes upon an uplifted and subsided magma chamber roof

Holohan, E. P., Troll, V. R., Errington, M., Donaldson, C. H., Nicoll, G. R. & Emeleus, C. H.

400–418

Palaeomagnetic and anisotropy of magnetic susceptibility data bearing on the emplacement of the Western Granite, Isle of Rum, NW Scotland

Petronis, M. S., O'Driscoll, B., Troll, V. R., Emeleus, C. H. & Geissman, J. W.

419–436

The Unit 12 alluvialite, Eastern Layered Intrusion, Isle of Rum: a textural and geochemical study of an open-system magma chamber

Holness, M. B. & Winpenny, B.

437–450

Vagrant benthos (Annelida; Polychaeta) associated with Upper Ordovician carbonate mud-mounds of subsurface Gotland, Sweden

Eriksson, M. E. & Hints, O.

451–462

BOOK REVIEWS

463

PUBLICATIONS RECEIVED

464