### THE

# GEOGRAPHICAL JOURNAL

VOLUME CXII
JULY TO DECEMBER
1948

PUBLISHED UNDER THE AUTHORITY OF THE COUNCIL EDITED BY THE DIRECTOR AND SECRETARY

THE ROYAL GEOGRAPHICAL SOCIETY KENSINGTON GORE LONDON S.W.7

JOHN MURRAY, 50 ALBEMARLE STREET W.I.

## ROYAL GEOGRAPHICAL SOCIETY

#### Patrons

#### HIS MAJESTY THE KING HER MAJESTY QUEEN MARY

#### Honorary President

H.R.H. THE DUCHESS OF KENT, G.B.E., C.I.

#### THE COUNCIL

(Elected 14 June 1948 for the Session of 1948-49)
President: Sir Harry Lindsay, K.C.I.E., C.B.E.

#### Vice-Presidents

Major-General Geoffrey Cheetham, C.B., D.S.O., M.C.
The Rt. Hon. Sir George Clerk, G.C.M.G., C.B.
E. H. Keeling, M.C., M.P.

Brig. Sir Clinton Lewis, O.B.E. Gen. Sir James Marshall-Cornwall, K.C.B., C.B.E., D.S.O., M.C. The Rt. Hon. Lord Rennell of Rodd, K.B.E., C.B.

Honorary Treasurer—The Rt. Hon. Lord Catto of Cairncatto, C.B.E.

#### Trustees

F. M. Lord Chetwode, G.C.B., O.M., G.C.S.I., K.C.M.G., D.S.O. Col. Sir Charles Arden-Close, K.B.E., C.B., C.M.G., F.R.S.

Honorary Secretaries-Leonard Brooks; Augustine Courtauld

Foreign Secretary-J. M. Wordie, C.B.E.

#### Members of Council

Brig. R. A. Bagnold, O.B.E., F.R.S.
Sir George Binney, D.S.O.
Louis C. G. Clarke
Prof. Sir Henry Clay
Air Marshal Sir Alec Coryton, K.B.E., C.B.,
M.V.O., D.F.C.
Major William Cross
Professor C. B. Fawcett, D.SC.
Peter Fleming, O.B.E.
Rev. W. L. S. Fleming
E. W. Gilbert
Dr. Violet M. Grubb

Brig. M. Hotine, C.B.E.
Dr. E. D. Laborde
Prof. D. L. Linton
Dr. N. A. Mackintosh
Mrs. Patrick Ness
Air Chief Marshal Sir John Slessor, G.C.B.,
D.S.O., M.C.
J. A. Steers
Major-General W. G. Stevens, C.B., C.B.E.
The Rt. Hon. Lord Tweedsmuir, O.B.E.
Professor S. W. Wooldridge

Director and Secretary-L. P. Kirwan

Librarian and Map Curator-G. R. Crone

Bankers—Martin's Bank Ltd. (Cocks, Biddulph Branch) 16 Whitehall, S.W.1

# CONTENTS

NOS. 1-3 JULY-SEPTEMBER	1948
HENRY WALTER BATES: A CENTENARY. By A. H. G. Alston	I
GEOGRAPHY AND WAR STRATEGY. By CYRIL FALLS	4
THE GEOMORPHOLOGY OF NORWAY. By Kaare Münster Strøm	19
THE MIDDLE PEOPLE: RESETTLEMENT IN CZECHO-SLOVAKIA. By Mrs. J. A. Steers	28
THE AGRICULTURAL REGIONS OF NEW ZEALAND. By KENNETH B. CUMBERLAND	43
THE POPULATION OF ASHANTI: A GEOGRAPHICAL ANALYSIS. By R. W. STEEL	64
REGIONAL PLANNING IN AUSTRALIA. By J. Macdonald Holmes	78
A THEORY OF BORNHARDTS. By Lester King	83
THE PRESERVATION OF THE NEW FOREST: THE HISTORICAL BACKGROUND. Review by H. C. Darby	87
THE SOCIAL DEVELOPMENT OF MODERN EGYPT. Review by S. HILLELSON	91
REVIEWS: Leicestershire maps. The British fuel and power industries. My caves. Norway in maps. A historical and political geography of Europe. Mount Everest 1938. Colonial policy and practice: a comparative study of Burma and Netherlands India. A physician at the court of Siam. In the forests of the night. Saben's commercial directory and handbook of Uganda, 1947-48. The anatomy of Lango religion and groups. Economic geography of Canada. Mexico City: the isthmus of Tehuantepec. Guam and its people. Fifty years below zero: a lifetime of adventure in the Far North. The use of aerial survey in forestry and agriculture. Tropical and equatorial meteorology. This great and wide sea	93
ADDITIONS TO THE LIBRARY AND MAP ROOM	108
THE SOCIETY'S NEWS: Grants for geographical exploration and research. The Society's Christmas card. New film projector. Presentation of the Patron's Medal to Inspector Larsen, R.C.M.P. Professional examination for land surveyors, and instruction in surveying at the Society's house.	112
THE RECORD: Recent foreign awards to British geographers and scientists. Brighton meeting of the British Association, 1948. Cartographic developments in Sweden. National and international research in northern Canada. The climate of Paris. Vespucci's third voyage: a new interpretation. Astronomical position-finding in the eighteenth century. Dr. Donald Thomson's work in Arnhem Land	115
OBITUARY: Mrs. Margaret M. Hasluck	125
CORRESPONDENCE: The relation of geomorphology to geography.	- 43
The raw materials of cotton	125

THE GEOGRAPHICAL SITUATION OF THE UNITED STATES IN RELATION TO WORLD POLICIES. By Isaiah Bowman	129
ARNHEM LAND: EXPLORATIONS AMONG AN UNKNOWN PEOPLE. PART I. THE JOURNEY TO BENNET BAY. By Donald F. Thomson	146
THE PRESENT CLIMATIC FLUCTUATION. By Hans W:son Ahlmann	165
THE PROBLEM OF THE GREAT ROSS BARRIER. By Frank Debenham	196
SETTLEMENT PROSPECTS IN THE WEST INDIES. Review by G. C. L. Bertram	219
THE THRESHOLD OF ANTARCTICA Review by L. Harrison Matthews	224
EARLY MAP MAKERS OF SWITZERLAND AND THE NETHER-LANDS. Review by G. R. Crone	227
REVIEWS: Geographic terminological dictionary: Czech-English. Höjdekort over Danmark; Landskabskort over Danmark; Odsherred, et Dansk moraenelandskab og dets tilblivelse. Geology and geography of Karachi and its neighbourhood. The British in Asia. The junks and sampans of the Yangtze. Historical geography of the United States. The Missouri valley. Uttermost part of the earth. The Murray valley: a giant plan for its development. South with Mawson. The formation of continents by convection. Glacial geology and the Pleistocene epoch. The quadrant and the quill: a book written in honour of Captain Samuel Sturmy. Revolution of environment. World fiber survey. Geography and air photographs.	229
ADDITIONS TO THE LIBRARY AND MAP ROOM	243
THE SOCIETY'S NEWS: Norwegian-British-Swedish expedition to the Antarctic. Navigation through the ages	248
THE RECORD: Whitbeck fellowships in geography. University news: University of Toronto; McGill University, Montreal; University of British Columbia, Vancouver; Makerere College, East Africa; University College of Wales, Aberystwyth. The Le Play Society. New African exhibits at Imperial Institute. American committee on interrelations of Pleistocene research. Ridge and furrow and the open fields. Christopher Saxton's date of birth. Wordsworth's guide to the Lakes. Territorial reorganization in the Indian Union. Transformation method for oblique projections. Recent volcanic activity in	
New Zealand	250
OBITUARY: Commander Rupert Gould, R.N. Dr. G. B. Grundy	258
CORRESPONDENCE: The relation of geomorphology to geography. Underground water storage in sand rivers	260
MEETINGS: Session 1948-49	263