

is a pressing need for an Antarctic ship. A new generation will come to grips with these problems. It is gratifying to note that the first woman branch chairperson, Dr Margaret Bradshaw of the Canterbury Branch, took office in the jubilee year. The editor of *Polar Record*, an active member of that branch in his Christchurch days, will join with all readers of this journal in extending to the New Zealand Antarctic Society sincerest good wishes for its second half century. (H. G. R. King, Scott Polar Research Institute, Lensfield Road, Cambridge CB2 1ER.)

### THE DIARIES OF TRYGVE GRAN

THE NORWEGIAN WITH SCOTT: TRYGVE GRAN'S ANTARCTIC DIARY 1910-13. Hattersley-Smith, G. (editor), McGhie, E. J. (translator), 1984. London, HMSO. 258 p, illustrated, hard cover. ISBN 0 11 290382 7. £9.95.

This is the first publication in English of the diaries kept by Trygve Gran who, as a Norwegian ski-ing expert, took part in Captain R. F. Scott's Antarctic expedition in 1911-13. Gran (1889-1980) was the youngest member and last survivor of the expedition. His original diaries of the expedition are no longer available but a Norwegian edition was published in 1915 (*Hvor Sydlyset Flammer: Leir-og Ekspeditionsliv paa Antarktis*. Oslo, Gyldendalske Boghandel, Nordisk Forlag.) and his biography (*Fra tjuagutt til sydpolarer*. Oslo, Ernst G. Mortensens Forlag.) appeared in 1974. This translation by Gran's daughter includes the foreword that he wrote for the 1915 edition. Gran's active life is summarized in an introductory biography, and the editor has included extracts from the diaries of other expedition members, geographical notes and other information giving reference to the events of the expedition. When news was received of the diversion of Amundsen's 'northern' expedition to reach the South Pole, Gran was placed in a somewhat difficult position; his thoughts, actions, loyalty to Scott's expedition and responses of other expedition members are well illustrated by his writings. Similarly much light is spread upon the personalities and motivations of Captain Scott and the others involved. Gran was a member of the search party which discovered the fate of the polar party and found the body of Scott on 12 November 1912. The book is illustrated with an excellent selection of contemporary plates, and a detailed map. It is a most welcome addition to the recent literature about the expedition. (R. K. Headland, Scott Polar Research Institute, Lensfield Road, Cambridge CB2 1ER.)

### ANTARCTIC EARTH SCIENCE: ADELAIDE SYMPOSIUM

ANTARCTIC EARTH SCIENCE: FOURTH INTERNATIONAL SYMPOSIUM. Oliver, R. L., James, P. R. and Jago, J. B. (editors). 1983. Cambridge, Cambridge University Press. 697 p, illustrated, hard cover. ISBN 0 521 25836 7. £45.00, US\$79.50.

The 100th anniversary of the birth of Sir Douglas Mawson, the antarctic explorer, geologist and leading scientific figure in Australia, was fittingly celebrated in Adelaide in August 1982. This was the venue of the Fourth International Symposium on Antarctic Earth Sciences, which was attended by over 200 scientists representing 16 countries. In a five-day period, 183 papers were presented in four concurrent sessions; the proceedings volume contains the texts of some 174 papers and abstracts. The wide-ranging content of *Antarctic earth science* probably comes as a surprise even to those who assiduously attended as many as possible of the symposium sessions. As might have been expected,