

On the larger scale, this chart is in two sheets. An additional chart, covering a section of the southeast Atlantic, was prepared on the same projection as a supplement to the *Eltanin* plotting chart.

## Antarctic Map Folio Series

VIVIAN C. BUSHNELL

*American Geographical Society*

The objective of this series of map folios is to summarize the present knowledge of the Antarctic. Each folio consists of several unbound maps and a text section, all contained in a heavy paper cover measuring 11 by 17 inches. Map sheets are printed on only one side and color is used where it will result in greater clarity. Published folios are for sale by the American Geographical Society.

### Published Folios

Folio 1: *Aeronomical Maps for the Antarctic*, by R. Penndorf, T. M. Noel, G. F. Rourke, and M. A. Shea.

Maps of this folio are devoted chiefly to synoptic conditions in the ionosphere during the IGY and IGC, a period of maximum sunspot activity. Data obtained by ionospheric sounding at 28 stations south of 30°S. form the basis for the synoptic maps. The text briefly explains the principle of ionospheric sounding and the significance of the results.

Folio 2: *Physical Characteristics of the Antarctic Ice Sheet*, by C. R. Bentley, R. L. Cameron, C. Bull, K. Kojima, and A. J. Gow.

This folio summarizes present knowledge of the character and morphology of the ice sheet. The maps of the folio are devoted to surface elevations, ice thickness, average annual snow accumulation, average annual surface temperatures, and near-surface densities. Diagrams and photographs present results of studies made of deep pits and cores at 10 stations.

Folio 3: *Antarctic Maps and Surveys 1900-1964*; plates compiled by the American Geographical Society with the cooperation of the United States Geological Survey; text by George D. Whitmore.

Eight plates in this folio are devoted to map coverage, two plates to aerial photography coverage, and one to the extent of mapping control. The text summarizes briefly the history of mapping in Antarctica, present international cooperation, procedures for naming geographical features, and current survey techniques. Appendices give addresses of antarctic mapping centers, names of map publishers, and a list of published maps covering the entire continent.

### Solander Case

A hinged box, large enough to hold 10 folios, is available from the American Geographical Society. The box cover is of good quality buckram over binder's board and bears a label with the title and publisher of the series.

## Antarctic Geographic Nomenclature

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The Office of Geography continued to perform research and other staff functions in working with the Advisory Committee on Antarctic Names (ACAN) during the past year. ACAN, which makes recommendations on antarctic names and names policy to the Board on Geographic Names and the Secretary of the Interior, met 10 times and approved 1,031 new names. Sixty-four names were amended or their descriptions changed, and 30 decisions were vacated. Members of ACAN are Kenneth J. Bertrand (Chairman), Albert P. Crary, Henry M. Dater, and Herman R. Friis. Meredith F. Burrill is member *ex officio*.

As in the past, the work involved three problems which are rather special to Antarctica: the naming of newly identified features, determining the proper application of names, and dealing with multiple names. Established policies have been continued. Progress was made toward name shortening by recommending that names which still include surname and christian name be shortened to surname only.

Cooperation continued with other countries. The New Zealand Antarctic Place Names Committee has submitted names derived from the Allan Hills Expedition and the Holyoake, Cobham, and Queen Elizabeth Ranges Expedition which have either been approved or are under consideration by ACAN.

Names have been supplied for 11 U.S. Geological Survey 1:250,000-scale maps of the Nimrod Glacier and Queen Maud Mountains areas and a 1:500,000-scale sketch map of Marie Byrd Land.

The highlight of this year's antarctic place name research will come to fruition with the publication of a new gazetteer entitled *Antarctica*. It will have the regular format of BGN gazetteers, listing name, designation, geographic coordinates, and cross-references. Containing approximately 11,500 entries, it will include names of features in adjacent ocean areas northward to the Antarctic Convergence. The gazetteer is expected to be available this fall.