GLACIOLOGICAL LITERATURE

This selected list of glaciological literature has been prepared by J. W. Glen with the assistance of T. H. Ellison, W. B. Harland, Miss D. M. Johnson, and the Staff of the Scott Polar Research Institute. Its field is the scientific study of snow and ice and of their effects on the earth; for the literature on polar expeditions, and also on the "applied" aspects of glaciology, such as snow ploughs, readers should consult the bibliographies in each issue of the Polar Record. For Russian material the system of transliteration used is that agreed by the U.S. Board on Geographic Names and the Permanent Committee on Geographical Names for British Official Use in 1947. Readers can greatly assist by sending reprints of their publications to the Society, or by informing Dr. Glen of publications of glaciological interest.

In this list, to avoid repetition, the references to papers in two volumes of the proceedings of a recent conference have been abbreviated. The full references to both publications are given in the section CONFERENCES below.

CONFERENCES


GENERAL GLACIOLOGY


[Past research; lines of future work by United States.]


HÖKES, H. C. Die Antarktis und die geophysikalische Erforschung der Erde. Naturwissenschaften, Bd. 48, Ht. 9, 1961, p. 334—74. [Discussion of I.G.Y. results in Antarctica.]


GLACIOLOGICAL INSTRUMENTS AND METHODS


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CHERKASOV, P. A. Dinamika lednikov basseyna reki Baskan Dzungarskogo Alatau v 1956–1957 godakh [Dynam­


DUBROVIN, L. I. Rasol v shef'vom lednikhe Lazareva [Brine in the Lazarev Ice Shelf]. *Informatsianny Byulleten' Sovetskoj Antarkticheskoy Ekspeditsij [Information Bulletin of the Soviet Antarctic Expedition]*, No. 22, 1960, p. 15–16. [Layer of porous ice containing brine found at depth of 41 m. in ice shelf at “Lazarev” station, Dronning Maud Land.]


HEINHEIMER, G. J. Una investigación sobre el balance de agua de la cuenca atlántica del hielo Patagónico y de la región de los lagos Viedma y Argentina. *Anales de la Academia Argentina de Geografía*, No. 3, 1959, p. 50–92. [Description of Patagonian Ice Sheet, its lakes, precipitation, discussion of its regime and problems for future research.]


VOYTOVSKY, K. F. Polzuchest' l'nda i merzlykh sklynykh gruntov pri slozhnom napryazhennom sostoyanii [The creep of ice and frozen skeletal soils in the complex stressed state]. Doklady Akademii Nauk SSSR [Reports of the Academy of Sciences of the U.S.S.R.], Tom 135, No. 5, 1960, p. 1079–82. [Triaxial creep tests on ice and frozen sands and gravels.]

Meteorological and climatological Glaciology

DESSENS, H. Severe hailstorms are associated with very strong winds between 6,000 and 12,000 meters. American Geophysical Union, Geophysical Monograph No. 5, 1960, p. 333–38. [Suggestion on what generates hail in a thunderstorm.]

DOUGLAS, R. H. Growth by accretion in the ice phase. American Geophysical Union, Geophysical Monograph No. 5, 1960, p. 284–70. [Theoretical calculation.]


VITTORI, O. Preliminary note on the effects of pressure waves upon hailstones. Nubila (Verona), An. 3, No. 1, 1960, p. 34–52. [Discussion of possible effects of shock waves on forming hail and results of experiments.]

Snow


VITTORI, O. Preliminary note on the effects of pressure waves upon hailstones. Nubila (Verona), An. 3, No. 1, 1960, p. 34–52. [Discussion of possible effects of shock waves on forming hail and results of experiments.]

Snow