enthusiasm for the melt-water variant of this hypothesis, and in doing so encouraged us to look elsewhere for an explanation of erosion deep beneath a glacier.

In addition to his five published papers an important contribution is ready for publication in the Royal Geographical Society's research monograph *Investigation on Norwegian Glaciers 1951–52*; much besides of his Ph.D. thesis will be published with the assistance of Mrs. Battle.

Battle pursued his researches in his own dogged manner, and their success owed something to his not always taking the advice of those around him.

In 1952 he went to Montreal with a Senior Carnegie Fellowship and as a Research Associate in the Department of Geography at McGill University. In the summer of 1953 he joined the Arctic Institute Expedition to Baffin Island, where he worked on the glaciers descending from the Penny Highland to the Pangnirtung Pass. He met his death in a melt-water stream that had remained frozen over and concealed, while returning to camp across a portion of the glacier that had regularly been used as a route.

His popularity with his companions on this last expedition had fully equalled that with which he had been received in the wide circle of friends which his active and all too short life had encompassed.

W. V. LEWIS

GLACIOLOGICAL LITERATURE

THIS bi-annual list of glaciological literature aims to cover the *scientific* aspects of snow and ice in all parts of the world. Attention is drawn to the bibliographies in each number of the *Polar Record* (Cambridge), which aim to cover the significant work dealing with expeditions, research, equipment and conditions of living in the Polar regions. Both journals, however, deal with Polar literature having specific glaciological interest and with general matters of a practical nature such as snowcraft.

Readers will greatly assist the Editor by notifying him of their own, or any other, publication of glaciological interest.

ALLEN, C. R., *and* SMITH, G. I. Seismic and gravity investigations on the Malaspina Glacier, Alaska. *Transactions, American Geophysical Union*, Vol 34, No. 5, 1953, p. 755–60.

ÅNGEBY, O. Dubbla moräner och submoräna sediment i Ångermanälvens övre flodområde; med bidrag av Kaj Nilsson och Göran Ljungberg. *Geologiska Föreningens i Stockholm Förhandlingar*, Bd. 73, Ht. 4, No. 467, 1951, p. 653–81. [Moraines and glacial deposits in Jämtland and Ångermanland (Sweden). English summary.]

ATWATER, M. M. Avalanche study in the U.S.A. *Appalachia*, New Series, Vol. 17, No. 7, 1951, p. 388–93. [Experiences of a snow ranger with the U.S. Forest Service at Alta, Wasatch National Forest, Utah.].

BAECKEROOT, G. Le rôle des actions cryonivales quaternaires dans la formation des paysages du Sidobre de Castres. *Bulletin de l'Association de Géographes français*, Nos. 226–27–28, 1952, p. 121–25. [Solifluction phenomena.]

BARKER, H. Radiocarbon dating: large-scale preparation of acetylene from organic material. *Nature*, Vol. 172, No. 4379, 1953, p. 631–32.

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BEAUJEU-GARNIER, J. A propos du modelé périglaciaire du Limousin. *Bulletin de l'Association de Géographes français*, Nos. 226–27–28, 1952, p. 128–33. [Solifluction phenomena in the Central Massif of France differ in form with altitude.]

BECKER, J., *and* SITTLER, C. Age de la dénivation dans les niches glaciaires des Vosges gréseuses. *Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences* (Paris), Tom. 234, No. 11, 1952, p. 1191–92.

BERGDAHL, A., Israndsbildningar i östra Syd—och Mellansverige med särskild hänsyn till åsarna. *Meddelanden från Lunds Universitäts Geografiska Institution. Avhandlingar*, 23, 1953, 208 p. [Route of retreating ice in south-east Sweden. Reprinted as: Marginal deposits in south-eastern Sweden with special reference to the oses. *Lund Studies in Geography*. Ser. A. Physical Geography, No. 4, 1953, 24 p.]

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BOIVIN, B. Les décharges du glacier continental à travers la Prairie canadienne. *Revue Canadienne de Géographie*, Vol. 7, Nos. 1–2, 1953, p. 23–25. [Retreat of ice left a complex system of furrows on the Canadian Prairies.]

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ERRATA

Vol. 2, No. 14. In reference 8, p. 274 for "1940" read "1939."

,, ,, On p. 298 for "Romanorsky" read "Romanovsky."

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