

- [SNOW SURVEYS.] Snow survey of Great Britain, season 1953-54. *Meteorological Magazine*, Vol. 83, No. 990, 1954, p. 353-59. [Report.]
- STEINBACH, A. Beobachtungen und Messungen an Eishöhlen im Westerwald und in der Eifel. *Jahrbücher des Nassauischen Vereins für Naturkunde*, Bd. 91, 1954, p. 8-36. [Ice caves in the mountains of the Westerwald and the Eifel described. Microclimatological studies reported.]
- STOCK, C. S. D'ESTE. *The figure skate*. Folkestone, privately printed, 1954. 32 p. [Tests of experimental skates of varying shapes.]
- SWEETING, M. M. Recent trends of glacier fluctuations in the North Atlantic area. *Nature*, Vol. 175, No. 4448, 1955, p. 188-90. [Report of meeting of British Glaciological Society at Oxford, 19 November 1954. Speakers: C. W. M. Swithinbank, C. A. M. King, M. M. Sweeting, M. F. W. Holland, H. Lister, and G. Manley.]
- SWITHINBANK, C. W. M. Ice shelves. *Geographical Journal*, Vol. 121, Pt. 1, 1955, p. 64-76. [Morphology, regime and movement of ice shelves of western Dronning Maud Land.]
- THOMAS, M. K. *Climatological atlas of Canada; a joint publication of the Division of Building Research, National Research Council, and the Meteorological Division, Department of Transport, Canada*. Ottawa, National Research Council, 1953. 256 p. (N.R.C. no. 3151. D.B.R. no. 41.) [Includes charts of snowfall, snow cover and limit of permafrost.]
- THORARINSSON, S. The Grímsvötn expedition June-July 1953: travel account and report of scientific results. *Jökull*, ÁR 3, 1953, p. 6-22.
- THORARINSSON, S. Anchored stone polygons at low levels within the Iceland basalt regions. *Jökull*, ÁR 3, 1953, p. 37-38.
- THORARINSSON, S. Sviðgur á Svinafellsjökli í Oræfum. *Jökull*, ÁR 3, 1953, p. 39-40. [Chevrons (Forbes' bands) on Svinafellsjökull, Iceland. English summary.]
- THORNBURY, W. D. *Principles of geomorphology*. New York, John Wiley; London, Chapman and Hall, 1954. ix, 618 p. 23 cm. 64s. [Chapters on types and characteristics of glaciers; mountain glaciation; ice caps and their topographic effects. Reviewed by G. Manley in *Nature*, Vol. 175, No. 4449, 1955, p. 226-27.]
- TIMASHEV, YE. V. Otsupaniye kontsa lednika Devlokhan za 35 let [Retreat of Devlokhan glacier over 35 years]. *Izvestiya Vsesoyuznogo Geograficheskogo Obshchestva [News of the All-Union Geographical Society]*, Tom 86, No. 1, 1954, p. 93-95. [Measurements of glacier in Pamirs, 1913-48.]
- TODTMANN, E. M. Am Rand des Eyjabakkagletschers, Sommer 1953. *Jökull*, ÁR 3, 1953, p. 34-37. [Investigations on periphery of Eyjabakkajökull, Iceland.]
- TRYGGVASON, E. Lambárdalsjökull: jökulis undir grjóturd. *Jökull*, ÁR 3, 1953, p. 43-44. [Lambárdalsjökull, Iceland; glacier buried under scree.]
- WALSH, A. D. The electronic orbitals, shapes and spectra of polyatomic molecules; I: AH<sub>2</sub> molecules. *Journal of the Chemical Society*, 1953, Part 3, August, p. 2260-66. [Theory of shape and spectra of molecules such as H<sub>2</sub>O.]
- WICHE, K. Pleistozäne Klimazeugen in den Alpen und im Hohen Atlas. *Mitteilungen der Geographischen Gesellschaft Wien*, Bd. 95, Hft. 7-12, 1953, p. 143-60. [A morphological comparison with reference to climatic differences between two mountain systems in the Ice Age.]
- WINCHESTER, J. W. A study of the movement of arctic sea ice in the Canadian Arctic in relation to meteorological, geographical and oceanographic parameters. *Bulletin of the American Meteorological Society*, Vol. 35, No. 9, 1954, p. 417-27. [Examples of wind and tide affecting sea ice movement.]
- WOLDSTEDT, P. Die Klimakurve des Tertiärs und Quartärs in Mitteleuropa. *Eiszeitalter und Gegenwart*, Bd. 4/5, 1954, p. 5-9. [Large temperature fluctuations in central Europe during the Ice Age due to increase in continental height and fluctuation of solar energy.]
- WOLDSTEDT, P. Saaleiszeit, Warthestadium und Weichseleiszeit in Norddeutschland. *Eiszeitalter und Gegenwart*, Bd. 4/5, 1954, p. 34-48. [Climatic conditions and extent of ice during the Saale and Weichsel advances and the interglacial period.]
- WORDIE, J. M. Ice in Greenland. *Geographical Magazine*, Vol. 29, No. 12, 1955, p. 613-20. [Glaciers and icebergs in Greenland.]
- YOSIDA, Z., and IWAI, H. Measurement of the thermal conductivity of snow cover [Sekisetsu no netsu dendo-ritsu no sokutei]. *U.S. Snow, Ice and Permafrost Research Establishment. Translation* 30, 1954, 7 p. [Method and results. Translation of article in *Seppyo*, Vol. 8, 1946, p. 48-53.]
- YOUNG, R. A. Some notes on the formation of medial moraines. *Jökull*, ÁR 3, 1953, p. 32-33. [Illustrated by examples from Breidamerkurjökull, Iceland.]
- ZEUNER, F. E. Riss or Würm? *Eiszeitalter und Gegenwart*, Bd. 4/5, 1954, p. 98-105. [Author's view of what should be regarded as "Riss" and what as "Würm" in the Alpine area.]
- [ZEUNER, F. E., and others.] Changes in world glaciation. *Observatory*, Vol. 74, No. 881, 1954, p. 144-48. [Report of discussion at joint meeting of Royal Astronomical Society and British Glaciological Society. Chairman: G. Seligman. Speakers: F. E. Zeuner, J. D. H. Wiseman, G. Manley and F. Hoyle.]

[AVALANCHES.] *Die Alpen*, Jahrg. 31, No. 3-4, 1955, p. 57-112.

[A special issue devoted to avalanches. Price: Swiss francs 4. The following papers are included:]

- Correvon, E.** Une avalanche meurtrière, p. 109-10. [Narrative.]—**Favre, P.** Une avalanche imprevisible, p. 108-09. [Narrative.]—**Haefeli, R., and Quervain, M. de.** Gedanken und Anregungen zur Benennung und Einteilung von Lawinen, p. 72-77. [Avalanche classification.]—**Henchoz, L.** L'avalanche, p. 110-12. [Narrative.]—**Oechslin, M.** Wie unsere Altvordern die Lawinen beschrieben, p. 58-62. [Ancient accounts of avalanches.]—**Oechslin, M.** Der Kampf gegen die Lawinen, p. 88-91. [Avalanche countermeasures.]—**Oechslin, M.** Das Spiel der Lawinen, p. 91-93. [Curious behaviour of avalanches.]—**Quervain, M. de.** Von der Arbeit der schweizerischen Schnee- und Lawinenforschung, p. 66-68. [Work at Eidg. Institut für Schnee- und Lawinenforschung.]—
- Roch, A.** Le mécanisme du déclenchement des avalanches, p. 94-104. [Theory of the release of avalanches.]—**Rohrer, E.** Luftbewegung bei Staublawinen, p. 68-72. [Description and explanation of *Staublawinen* (dust avalanches).]—**Salisbury, C.** Aventure au Teufelsgrat, p. 112. [Narrative.]—**Schild, M.** Über die Entstehung der Lawinenbulletins, p. 84-88. [Description of the preparation of an avalanche bulletin.]—**Schild, M.** Comment on établit les bulletins d'avalanches, p. 105-07. [French translation of preceding paper.]—**Winterhalter, R. U.** Vom Schnee, p. 62-66. [Physics of snow and firnification.]—**Zingg, T.** Wetter- und Lawinenkatastrophen, p. 77-84. [Connexion between weather and avalanche disasters.]