LLIBOUTRY, L. Chile: Studia kriopedologiczne w Andach środkowo-chilijskich [Chile: cryopedological studies in the Andes of central Chile]. Biuletyn Peryglacjalny [Periglacial Bulletin], Nr. 5, 1957, p. 5-10, 141-46, 275-79. [Short description of phenomena observed in central Chile. French translation p. 141-46, Russian translation,

p. 275-79.]

Penner, E. Soil moisture movement during ice segregation. (In Factors influencing ground freezing. Washington, D.C., Highway Research Board, 1956, p. 109-23. (Bulletin 135.)) [Laboratory experiments to measure moisture flow rates to freezing zone of various soil samples. Also reprinted by National Research Council

(Canada) as NRC 4278.]

TSYTOVICH, N. A. The fundamentals of frozen ground mechanics (new investigations). Proceedings of the Fourth International Conference on Soil Mechanics and Foundation Engineering. London 1957, Vol. 1, London, 1957, p. 116-19. [Summary of recent Russian work on physics of frost-heaving and on shearing resistance of frozen soil

and consolidation of thawing soil.]

Тsyтovicн, N. A., ed. O fizicheskikh yavleniyakh i protsessakh v promerzayushchikh, merzlykh i ottaivayushchikh gruntakh (nekotoryye obobshcheniya) [Physical phenomena and processes in freezing, frozen, and thawing soils (some generalisations)]. Materialy po Laboratornym Issledovaniyam Merzlykh Gruntov [Material on Laboratory Investigations of Frozen Soils], Shornik 3, 1957, p. 5-114. [General principles deduced from study since discovery that frozen soil contains water.]

Tsyrovich, N. A., ed. Issledovaniya po otdel'nym voprosam fiziki i mekhaniki merzlykh gruntov [Investigations of various questions of the physics and mechanics of frozen soils]. Materialy po Laboratornym Issledovaniyam Merzlykh Gruntov [Material on Laboratory Investigations of Frozen Soils], Sbornik 3, 1957, p. 115-321. [Collected papers on physical and mechanical properties of freezing, thawing, and frozen soils.]

TURNER, K. A., jr., and JUMIKIS, A. R. Subsurface temperatures and moisture contents of six New Jersey soils. (In Factors influencing ground freezing. Washington, D.C., Highway Research Board, 1956, p. 77-108. (Bulletin

135.)) [Relation to frost action.]
Vyalov, S. S., and Skibitskiy, A. M. Rheological processes in frozen soils and dense clays. Proceedings of the Fourth International Conference on Soil Mechanics and Foundation Engineering, London 1957, Vol. 1, London, 1957, p. 120-24. [Experimental work and theory.]

WILLIAMS, P. J. Some investigations into solifluction features in Norway. Geographical Journal, Vol. 123, Pt. 1, 1957, p. 42-58. [Results of field measurements.]

METEOROLOGICAL AND CLIMATOLOGICAL GLACIOLOGY

Gressel, W. Über die meteorologischen Verhältnisse in der Eisriesenwelt von Juni bis September 1955. Die Höhle, 8 Jahrg., Ht. 2, 1957, p. 45-48. [Study of effects of meteorological conditions on meteorology at the ice-cave Eisriesenwelt and formation and melting of ice formations.]

MAIER, W. Hagelsteine und Achsenlage von Gewitterwirbeln. Meteorologische Rundschau, Jahrg. 10, Ht. 2, 1957,

p. 58-62. [Structure of hail-stones related to their path in storm cloud. Some experiments.

PLUVINAGE, P., and TAYLOR, G. La température de l'air dans les premiers mètres au-dessus de l'inlandsis groenlandais. Annales de Géophysique, Tom. 12, No. 2, 1956, p. 157-66. [Results of regular observations made from 0 to 3 m., chiefly at "Station Centrale" March-July 1950.]

SJÖDIN, E. Meteorological observations on the Mikka glacier in the Sarek massif, Swedish Lappland, during the summer of 1956. Geografiska Annaler, Arg. 39, Ht. 1, 1957, p. 54-83.

GERDEL, R. W. The storage and transmission of water in snow. Eastern Snow Conference. Proceedings, Vol. 2, 10th Meeting, 1953 and 11th Meeting, 1954, [pub. 1955?], p. 17-21. [Instrument to detect water content of snow by measuring dielectric constant; its use to measure rate of water transmission in snow for different snow densities. Previously published with slightly different title in Transactions. American Geophysical Union, Vol. 35, No. 3, 1954, p. 475-85.] Hosler, C. L., and others. On the aggregation of ice crystals to form snow, by C. L. Hosler, D. C. Jensen and L.

Goldshlak. Journal of Meteorology, Vol. 14, No. 5, 1957, p. 415-20. [Laboratory experiments with colliding

spheres of ice.]

Krebs, C. Snesmeltningslaviner. Grønland, 1957, Nr. 7, p. 278-79. [Snowslides of unusual type in West Greenland

(influence of melt-water).]

LLIBOUTRY, L. Discussion of "Report of the Committee on Snow 1954-55" by Robert A. Work and others. Transactions. American Geophysical Union, Vol. 38, No. 1, 1957, p. 114-15. [Theory of micropenitents on snow cover.]

Tolansky, S. Symmetry of snow crystals. Nature, Vol. 181, No. 4604, 1958, p. 256-57. [Theory to account for regular symmetry of snow crystals by assuming it to be a mechanically vibrating flat plate.]

WILLIAMS, G. P. A field determination of free water content in wet snow. Proceedings. Western Snow Conference, Penticton, British Columbia, 1956, Vol. 24, 1956, p. 16-20. [Field method of determining free water content by

compacting and measuring density.]
YEVTEYEV, S. A., and KOTLYAKOV, V. M. Snezhnyye fontany v Antarktide [Snow fountains in Antarctica].
Priroda [Nature], 1957, No. 9, p. 118. [Several "fountains" of snow observed issuing from blow-holes in crevasses in region of Mirnyy.]

ERRATA

Journal of Glaciology, Vol. 2, No. 20, 1956. Page 774, line 51, delete [sic, i.e. S. Steinemann] Journal of Glaciology, Vol. 3, No. 23, 1958. In the paper "Movement observations on the Greenland ice sheet" on p. 210 in the last line of column 7 in Table I, for 40° 34′ 13″ read 44° 34′ 13″.