

The Students Association of Natural Science. Upsala.

Geological and Physico-Geographical Section.

Meeting, Januar 30th 1908.

The following officers were appointed:

Mr O. SJÖGREN, Secretary.

Mr STEN DE GEER and mr F. ENQVIST, Reviewers.

Mr A. G. HÖGBOM spoke on the nomenclature for the fine-crystalline schists (hällfintgneiss and granulite).

Meeting, Februar 20th 1908.

Mr C. WIMAN reviewed some new papers by HOLST, GRÖNVALL, and RAVN dealing with the Tertiary of Skåne and Denmark.

Mr A. BYGDÉN described an Archean conglomerate occurring in the neighbourhood of Piteå.

Mr STEN DE GEER reviewed BRAUN »Beiträge zur Morphologie des nördlichen Apenin».

Meeting, March 12th 1908.

Mr C. WIMAN demonstrated a series of Brachiopods from Spitzbergen.

Mr J. P. GUSTAFSSON spoke on the influence of the soil freezing upon the phenomena of solifluction.

Meeting, March 26th 1908.

Mr P. GEIJER read a paper on apatite dikes in Kiruna (see Bull. Vol. VIII).

Mr A. HAMBERG spoke on the undulation theory of Helmholtz and the application of the same on some geological phenomena.

Meeting, April 9th 1908.

Mr A. G. HÖGBOM demonstrated a number of peculiar mineral intergrowths in breccias (sec this Bull. Vol. VIII).

Mr C. WIMAN reviewed J. WALTHER, »Geschichte der Erde und des Lebens».

Meeting, April 27th 1908.

Mr C. WIMAN demonstrated some Conularia fossils and spoke about their systematic position.

Mr A. G. HÖGBOM gave an account on the Geological Congresses, their organisation, and works.

The SECRETARY spoke on the shore formations of lake Torne träsk, especially on the work of the lake ice in their development.

Meeting, May 15th 1908.

Mr P. STOLPE spoke on the late glacial shore lines in the surroundings of lake Vettern.

Mr STEN DE GEER and the Secretary reviewed: PENCK & BRÜCKNER, »Die Alpen im Eiszeitalter».

Meeting, September 23th 1908.

The following officers were appointed:

Mr O. SJÖGREN, Secretary.

Mr STEN DE GEER and mr B. HÖGBOM reviewers.

Mr STEN DE GEER spoke on the mud in the water of the Ice Fjord of Spitzbergen.

The SECRETARY reviewed the glacial sculpture of some Alpine valleys visited by him in the past summer.

Meeting, October 26th 1908.

Mr H. NELSON read a paper on the terminal glacial gravel ridges of Halland and mr STEN DE GEER spoke on the great fault areas of the Ocean.

Meeting, November 12th 1908.

Mr BERTIL HÖGBOM demonstrated the collections of Tertiary plant fossils made by the last Swedish expedition to Spitzbergen.

Mr R. SERNANDER reviewed the treatise by J. H. L. VOGT »Über die lokale Glaciation an den Lofoten Inseln», which paper gave rise to a lively discussion about the parallelisation of this glaciation with stages of the melting time known from other countries in North Europa.

Meeting, November 26th 1908.

Mr A. G. HÖGBOM spoke on the place of the palæolithic epochs in the geological time scheme.

Meeting, December 7th 1908.

Mr R. SERNANDER spoke on man and pine in Southern Sweden under the Ancyclus time.

Meeting, Februari 11th 1909.

The following officers were appointed:

P. GEIJER, Secretary.

STEN DE GEER, Treasurer.

BERTIL HÖGBOM and E. SCHÖN, Reviewers.

Mr P. GEIJER demonstrated a series of rock and ore specimens from Grängesberg and some other mines of middle Sweden.

Mr BERTIL HÖGBOM reviewed the literature about the Cañon Diablo crater.

Meeting, Februari 25th 1909.

Mr STEN DE GEER gave an account of the morphology of the lake Toften in Nerike, Mr A. HEDELL demonstrated a found of *Phoca groenlandica* in a culture deposit from the Litorina time, and Mr A. G. HÖGBOM spoke on the recently found skeletons of *Homo primigenius* in Dordogne.

Meeting, March 11th 1909.

Mr E. SCHÖN reviewed »Die vulkanischen kleinen Antillen» by SAPPER (N. J. f. Min. 1904: 2), Mr A. G. HÖGBOM showed some recently found minerals from Gellivare, Mr R. SERNANDER criticised HOLST'S paper on »Postglaciala tidsbestämningar», and the SECRETARY reviewed some recently published papers about the diamonds of South Africa.

Meeting March 29th 1909.

Mr STEN DE GEER spoke on the terminal moraines and their equivalents in the archipelago of Upland and Södermanland.

Mr A. DAHLSTEDT read a paper on the Fardume Träsk on Gotland.

Meeting April 22th 1909.

Mr A. G. HÖGBOM spoke on the geology in the school teaching.

Mr A. HAMBERG made a communication on striated blocks in breccias.

Meeting, October 14th 1909.

Mr C. BENEDICKS demonstrated a method invented by him and Mr A. TENOW, by which great slides of rocks could be photographed in polarized light (cfr this Bull. Vol. IX).

Mr R. SERNANDER spoke on the lake Hederviken in Upland and of the post-glacial history of the same.

Meeting, November 1st 1909.

Mr A. G. HÖGBOM gave a lecture of the post-glacial changes of climate in Northern Europe.

Meeting, November 11th 1909.

Mr B. ERIKSON read a paper on a fossiliferous deposit from Bollnäs in Hälsingland which is covered by till and probably must be interpreted as inter-glacial.

Meeting, November 25th 1909.

Mr P. QUENSEL spoke on the late glacial history of the South American Cordillera, especially dwelling upon the influence of the glaciation on the present watershed (cfr this Bull. Vol. IX).

Meeting, December 8th 1909.

Mr A. G. HÖGBOM read a paper on the plutonic and neptunistic ideas of the Swedish scientists of the eighteenth century.

