

The Students' Association of Natural Science, Upsala.

Geological Division.

Meeting September 28th, 1943.

The following officers were elected:

Mr. E. ÅHMAN, Secretary.

Mr. N. MARKLUND, Treasurer.

Meeting October 28th, 1943.

15 persons present.

Dr. E. LJUNGNER spoke on »The deformation of the primary rock surface beneath the mountain border in Lapland».

Meeting November 19th, 1943.

21 persons present.

Mr. S. LANDERGREN lectured on »Some traits of the geochemistry of boron».

Meeting December 1st, 1943.

16 persons present.

Prof. H. G. BACKLUND discussed »Some points of view of sub-recent bog-ore».

Mr. B. COLLINI demonstrated some samples of ores from the Skrammelfall mine and gave a short exposé of the »Larsbo-series».

Meeting December 17th, 1943.

27 persons present.

Mr. S. FLORIN read a paper on »Some climatic and prehistoric problems connected with the late Quaternary changes of level south of Lake Mälaren».

Meeting January 25th, 1944.

The following officers were elected:

Mr. E. ÅHMAN, Secretary.

Mr. N. MARKLUND, Treasurer.

Meeting March 7th, 1944.

25 persons present.

Dr. B. BOHLIN demonstrated a collection of fossils from Öland gathered by himself. Dr. T. KROKSTRÖM gave some preliminary information about a meteorite found at Ultuna (in the neighbourhood of Upsala).

Meeting April 3rd, 1944.

18 persons present.

Mr. P. H. LUNDEGÅRDH spoke on »The use of spectral analysis in Geology». At an informal gathering after the meeting »Glimmerbladet» — unperiodical magazine of the Division — was read.

Meeting April 14th, 1944.

11 persons present.

Mr. E. BERGGREN summarized «the result of »Three years of ore prospecting in Central Africa».

Meeting April 26th, 1944.

10 persons present.

Mr. B. WIDELAND lectured on »Preliminary results of the gravity measurements of the 'Rikets Allmänna Kartverk' 1941—43».

Meeting September 30th, 1944.

The following officers were elected:

Mr. E. ÅHMAN, Secretary.

Mr. N. MARKLUND, Treasurer.

Meeting October 26th, 1944.

12 persons present.

The Secretary opened the meeting with the following words:

»Since last meeting the Association has suffered the regrettable loss of two active members, namely of Mr. CARL WIMAN, Professor Emeritus, deceased on the 15th of June, and of Mr. GUNNAR FLODKVIST, F. K., drowned on the 18th of June.

Professor WIMAN, born on the 10th of Dec. 1867, was an active member of the Association since his inscription at this University in 1888. At least 90 times he lectured on and reviewed investigations of his own and on related themes, for the last time in Febr. 1940, when he spoke of his reminiscences of the late A. G. HÖGBOM. WIMAN's lively interest for the Association may be illustrated by the year 1893, during which he lectured at six occasions. He was the author of about a hundred scientific papers well known the world over. He was Secretary of the Division during 1895, Editor of this Bulletin, founded by HJALMAR SJÖGREN, 1925—1932, and Professor of Palaeontology and Historical Geology 1910—1933; in 1933 he became Emeritus.

GUNNAR FLODKVIST, born on the 3d of April 1910, became student in 1933 and F. K. in 1941. During 1941 and 1942 he assisted at the SGU oil borings in Skåne and in the course of the summers 1943 and 1944 he was assistant geologist at the geological field mappings on the map-sheet Avesta. His special field investigations of younger greenstone dikes within the map-sheet area of Hedemora were unfortunately never finished.»

Dr. N. G. HÖRNER called attention to a short notification, in the daily press, of the death of Dr. A. HOLLENDER. About 40 years have elapsed since Dr. HOLLENDER, struck by an incurable disease, was forced to abandon his scientific and civic activity. His early contributions to Swedish Quaternary geology at the century shift were dealt with and lively discussed at meetings of this Association. His studies on ice-lakes and ice-rivers and their sediments, his investigations of the river-bed of Klarälven and in the neighbourhood of Kalmar represent an important pioneer work, as do also his comparative observations on level changes and their importance for archaeological deductions. His pioneer work has opened a line of investigation that has later on proved immensely prolific.

Dr. N. G. HÖRNER spoke on »Composition of till. Some principles of granulometrical characterization demonstrated on local material».

Finally Dr. N. G. HÖRNER demonstrated the sedimentological laboratory of the Geological Institution.

Meeting December 4th, 1944.

17 persons present.

The Secretary opened the meeting with the following words:

»The day after our last meeting the message was received of the decease of RUTGER SERNANDER, a few hours after its closure.

Professor RUTGER SERNANDER was born on the 2nd of November 1866. In-scribed at this University in 1885, he joined the Geological Division of the Association in 1887. Appointed Secretary in the spring of 1890 he held this appointment until the spring of 1893. During this time the separation of the Geological and Chemical Divisions was effected. — Although RUTGER SERNANDER represented another speciality at this University, he always connected his researches and lectures with geological inquiries. At the century shift and during the following decade he was exceedingly active as lecturer and reviewer, his communications being about 30. The last one was given in Febr. 1941 at the 70th anniversary of the Geological Division, when he related his reminiscences on the activity of the Division in earlier times, especially at the shift of the century. — His enthusiasm as a field investigator in all branches of natural science was inexhaustible and all-inspiring still at old age.

RUTGER SERNANDER was appointed Lecturer in Phytogeography in 1895, Lecturer in Botany in 1899, e. o. Professor of Phytobiology in 1906 and o. Professor in 1909. He became Emeritus in 1931.»

Mr. C. L. LAGERCRANTZ read a paper on »The morphology and late quaternary development of the neighbourhood of Kilpisjärvi in the Enontekis district, Finnish Lapland».

Meeting December 8th, 1944.

18 persons present.

Dr. G. BESKOW gave an account on »The Jemtland Interglacial as illustrated by geological road investigation».

Meeting January 23rd, 1945.

The following officers were elected:

Mr. E. ÅHMAN, Secretary.

Mr. N. MARKLUND, Treasurer.

Meeting January 31st, 1945.

16 persons present.

Dr. F. BROTZEN gave a lecture on »Lower Cretaceous in the Baltic area and the Pompeckj threshold».

Meeting February 26th, 1945.

20 persons present.

Mr. V. JANUSSON spoke on »Einige Korrelationsversuche im obersten Ordovizium und untersten Gotlandium».

Meeting March 9th, 1945.

12 persons present.

Dr. T. KROKSTRÖM read a paper on »Some examples of the use of chemical rock-analyses for petrogenetical deductions».

Prof. H. G. BACKLUND reviewed »Meditations on granite» by H. H. Read.

Meeting April 9th, 1945.

21 persons present.

Mr. B. COLLINI spoke on »The Visingsö-formation at the Grenna-plateau and at Visingsö».

Meeting October 11th, 1945.

19 persons present.

The following officers were elected:

Mr. E. ÅHMAN, Secretary.

Mr. N. MARKLUND, Treasurer.

Dr. ASTRID CLEVE-EULER read a paper on »Ancient ice borders in southern Sweden and the Baltic ice lake».

Meeting November 10th, 1945.

13 persons present.

Prof. M. SAURAMO (Helsingfors) lectured on »Some late-Glacial and post-Glacial Baltic stages and their dating».

Meeting November 19th, 1945.

12 persons present.

Prof. T. BARTH (Oslo) spoke on »Primary and 'contaminated' magmas and thermal waters».

Meeting November 26th, 1945.

21 persons present.

Dr. DE SITTER (Leyden) read a paper on »The Lombard Alps».

Meeting December 17th, 1945.

22 persons present.

Prof. H. G. BACKLUND gave a lecture on »Granite and gneiss and the age of the Earth».
