

The Students' Association of Natural Science, Uppsala. Geological Division.

Meeting April 25th, 1949.

16 persons present.

Mr. E. FROMM gave a lecture on "Preliminary results from soil-mapping in Västerbotten".

Meeting May 20th, 1949.

11 persons present.

Prof. H. BACKLUND lectured on "Ptygmatic folding".

Meeting September 19th, 1949.

15 persons present.

The following officers were elected: Mrs. B. COLLINI, Chairman. Mr. L. BERGSTRÖM, Secretary. Mr. S. LJUNGGREN, Treasurer. Mr. B. JÄRNEFORS, Toastmaster.

Dr. C. KURYLENKO gave a lecture on "Contribution à l'étude de la cussion du Kaolin".

Meeting November 8th, 1949.

27 persons present.

Dr. O. MELLIS spoke on "Some observations at petrological research of deep-sea deposits."

Mr. T. TRYGGVASON gave a short lecture on "Geological news from Iceland".

Meeting November 23rd, 1949.

19 persons present.

Dr. ASTRID CLEVE-EULER spoke on "Correlating and dating of shorelines in Eastern and Western S-Sweden".

Meeting December 8th, 1949.

17 persons present.

Mr. B. JÄRNEFORS lectured on "The Finnish-Swedish quaternary excursion in 1949".

Mr. P. LJUNGGREN demonstrated minerals from Nevada and from fluorite-dykes in SW Scania.

Meeting December 15th, 1949.

12 persons present.

Dr. M. BÅTH gave a lecture on "Seismicity of the Earth".

Meeting February 10th, 1950.

26 persons present.

The Chairman informed the Meeting of the death of Lektor O. B. SANTESSON: "Since the previous meeting one of the association's oldest members has departed. On Jan. 10th, 1950 Lektor O. B. SANTESSON died only a month after his 75th birthday.

Besides his activity as a teacher Lektor SANTESSON devoted himself to a comprehensive and important research in archaeology and quaternary geology. Since his days as a student he bore a particular interest to Scandinavian archaeology, especially the stone age culture of Ångermanland in relation to post-glacial changes of level.

Lektor SANTESSON joined the Association in the first term of 1896. Not many from

among the students of the forties will remember him, since illness prevented him from attending our meetings, but in the earlier days he was one of our most assiduous members. May he rest in peace!"

Mr. B. COLLINI spoke on "Alteration of clay minerals".

Mr. P. LJUNGGREN gave a lecture on "Shifting of the diamond-production".

Meeting February 23rd, 1950.

22 persons present.

Prof. S. GAVELIN gave a lecture on "An instance of metamorphic differentiation combined with the formation of calcareous silicates".

Meeting May 8th, 1950.

25 persons present.

Prof. H. BACKLUND spoke on "A weathering surface 500 million years ago".

Meeting May 11th, 1950.

18 persons present.

The Chairman informed the Meeting of the death of Professor B. POPOFF.

Mr. T. TROEDSSON lectured on "The relation between abrasion and frequency of certain boulder-types in quaternary deposits".

Meeting October 9th, 1950.

The following officers were elected: Mr. S. LJUNGGREN, Chairman. Mr. N. E. ROSS, Secretary. Mr. G. ERIKSSON, Treasurer. Mr. B. JÄRNEFORS, Toastmaster.

Meeting October 12th, 1950.

21 persons present.

The Chairman opened the meeting with the following words: "Since its previous meeting the Association has had to deplore the death of its secretary during a long stretch of years, Dr. TORSTEN KROKSTRÖM, professor at Farouk I University in Alexandria.

T. KROKSTRÖM was born in 1905 and after passing his matriculation examination in Gävle in 1923 proceeded to Uppsala, where he studied geology as his chief subject. He graduated in 1936 and in the same year was appointed lecturer at Upsala University. 1943—1945 he was in charge of the Dept. of Geology, and in 1946 accepted an invitation to the chair of geology at the University in Alexandria.

Prof. KROKSTRÖM's main interest centered round the petrology of the basic rocks, but he also devoted considerable time to the problems of granitization, particularly during his last years in Uppsala.

Prof. KROKSTRÖM was a teacher of remarkable ability. His lectures always were models of lucidity, stringency, and formal perfection, and in a rare measure apt to interest and inspire his audience.

It was with consternation and deep regret that the news of his sudden death was received. We have lost with him a great student, a fascinating teacher, and a true friend.

May he rest in peace!"

Dr. H. KOARK read a paper "Über einige Probleme der Grundgebirgsgeologie und ihre Bearbeitung mit gefügekundlichen Mitteln".

Meeting October 10th, 1950.

20 persons present.

Mr. B. JÄRNEFORS lectured on "A method to produce representative slides of mineral fragments".

Mr. M. FRIES lectured on "The sedimentation in the Fjord of Gullmaren from a pollen-analytic point of view".

Meeting November 11th, 1950.

27 persons present.

Dr. H. KOARK lectured on "Über die Kennzeichnung in homogenem Korngefüge".
Mr. CHEN KWAN YUAN spoke on "The Steno student camp in Denmark".

Meeting December 14th, 1950.

23 persons present.

In commemoration of Dr. NILS HÖRNER, the Chairman said: "Since its previous meeting the Association has to deplore the death of its honorary member and past chairman, Dr. NILS HÖRNER.

Born in 1896 in Medelpad he passed his matriculation examination in Upsala in 1915 and early in his academic studies developed an interest in Quaternary geology. After the death of Prof. A. G. HÖGBOM, who had been his principal teacher, HÖRNER was the main representative of Quaternary geology in Upsala. To his subject he devoted an absorbing interest, not only from the point of view of research, but also with regard to its organization as is shown by a number of publications. At the time of his death the results of his Asiatic researches were largely ready in manuscript. He was widely known abroad and his personal contacts have gained the Swedish school of Quaternary geology international recognition. N. HÖRNER was always among the most frequent attendants of our meetings. We deplore in him the inspiring teacher, the eminent student, and the true friend.

May he rest in peace!"

Mr. P. LJUNGGREN read a paper on "An excursion through Switzerland in August 1950".

Meeting January 26th, 1951.

43 persons present.

The Chairman informed the Meeting of the death of Professor v. POST: "Since the previous meeting the death has occurred the Association's past chairman, LENNART v. POST, professor of general and historical geology of the University of Stockholm.

Of all of our Quaternary geologists none was better known abroad than v. POST. He devoted himself particularly to problems connected with peat-geology, the history of vegetation and climate, and the Late-Quaternary changes of levels. By elaborating and perfecting the method of pollen-analysis he broke new ground and will always be remembered as a pioneer in this field.

May he rest in peace!"

Prof. P. THORSLUND was appointed a honorary member of the Association and lectured on "Remarks on the geomorphological importance of bentonite".

Mr. N. E. ROSS gave an account on the possibility of identifying subfossil *Alnus*-pollen.

Meeting February 8th, 1951.

16 persons present.

Mr. E. KÖSTER read a paper on "Diluvium und Alluvium der mecklenburgischen Ostseeküste".

Meeting February 22nd, 1951.

30 persons present.

Prof. E. NORIN lectured on "The earthquake at Assam in August 1950".

Meeting March 8th, 1951.

12 persons present.

Mr. J. TERASMÄE spoke on "Pollen identification in late glacial deposits from Gotland".

Prof. E. NORIN demonstrated the American Institute's standard series of clay minerals.

Meeting March 29th, 1951.

16 persons present.

Prof. D. STRÖMHOLM read a paper on "The geographical history of the Tertiary and the Quaternary time".

Meeting April 6th, 1951.

13 persons present.

Mr. M. WELTER lectured on "Über einige neuere pollenanalytische Ergebnisse aus den Berneralpen".

Meeting April 12th, 1951.

23 persons present.

Mr. N. MARKLUND read a paper on "The Caledonian border line at Lake Hornavan in Arjeplog".

Meeting April 26th, 1951.

20 persons present.

Mr. CHEN KWAN YUAN read a paper on "Alkali feldspars and the Baveno-twins".

Meeting October 1st, 1951.

The following officers were elected: Mr. S. LJUNGGREN, Chairman. Mr. G. STÅLHÖS, Secretary. Mr. A. STRÖMBERG, Treasurer. Mr. B. JÄRNEFORS, Toastmaster.

Meeting October 25th, 1951.

16 persons present.

Mr. H. LÖFFLER lectured on "Limnologische Untersuchungen von persischen Binnenseen".

Meeting November 3rd, 1951.

17 persons present.

Dr. A. METZGER spoke on the Pargas region.

Meeting November 20th 1951.

28 persons present.

Mr. J. TROELSEN gave a lecture on "The evolution of the Franklin geosyncline".

Meeting January 15th, 1952.

18 persons present.

Mr. G. HENNINGSMOEN gave a short account on the Cambrian-Ordovician boundary in the Oslo region.

Mr. S. SKJESETH gave a lecture on "Planilimbata series in Norway".

Meeting January 17th, 1952.

19 persons present.

Dr. ASTRID CLEVE-EULER spoke on "Limits of Lake Vänern and the Ocean".

Meeting January 31st, 1952.

17 persons present.

The following officers were elected: Mr. G. ERIKSSON, Chairman. Mr. G. STÅLHÖS, Secretary. Mr. U. SWENSSON, Treasurer. Mr. B. JÄRNEFORS, Toastmaster.

Mr. H. KOARK lectured on "Über Querfaltung und Erzlagerung".

Meeting February 25th, 1952.

13 persons present.

Mr. O. BROTZEN gave a lecture on "The geological position of the pegmatites in Western Sweden".

Meeting March 7th, 1952.

25 persons present.

Dr. O. MELLIS spoke on "Some results of the petrological investigation of the Albatross material".

Meeting April 29th, 1952.

32 persons present.

Prof. E. NORIN lectured on "Late-quaternary sedimentation and volcanism in the Tyrrhenian Sea".

Meeting May 12th, 1952.

22 persons present.

Dr. I. HESSLAND gave an account of his journey in U.S.A.

Meeting May 15th, 1952.

24 persons present.

Prof. H. BACKLUND gave a lecture on "Banding in rocks".

Meeting October 7th, 1952.

21 persons present.

The Chairman gave the Meeting the following information: "This summer geological science has lost two devoted adepts, one an old man, who had been attached to this Dept. for nearly 50 years, the other quite young.

AXEL R. ANDERSSON had been preparator at this Dept. from the early nineties to 1928. His outstanding ability in the preparation of thin sections rendered him gold medals at the world exhibitions of Chicago 1893 and of Paris 1900.

He always was in close touch with the students of geology and his humorous mind and profound knowledge of human nature gained him many friends. He often attended the Association's meetings, even after his retirement. At the time of his death, in the middle of June, AXEL R. ANDERSSON was nearly 94 years of age.

On August 19 NILS-ERIK ROSS, first assistant at the Dept. of Palaeontology, passed away at the early age of 26. We all know his sufferings. He early became fascinated by the problems of Quaternary geology, and it was in pollen analysis that he gave his most important contributions to science. In spite of his youth his name had become known in international circles. He mainly studied pollen from Cretaceous and Tertiary sediments, which had hitherto not received attention in Sweden. He was popular with all he came into contact with and the Association has lost with him a devoted member who had also contributed with several lectures to our meetings. He also had been its secretary during several terms. We shall all remember the modest and cheerful friend.

May they rest in peace!"

The following officers were elected: Mr. N. MARKLUND, Chairman. Mr. A. SAHLIN, Secretary. Mr. L. BERGSTRÖM, Treasurer. Mr. E. ÅHMAN, Toastmaster.

Prof. P. THORSLUND lectured on "Some new Quaternary observations from the Lake Storsjön area in Jämtland".

Meeting November 13th, 1952.

22 persons present.

Mr. S. RUDBERG spoke on "The possibility of reconstructing the preglacial relief".

Meeting November 27th, 1952.

12 persons present.

The Chairman informed the Meeting of the death of Dr. SVEN HEDIN: "Dr. SVEN HEDIN, the explorer of international repute, died yesterday. At the end of the eighties

he had some terms been an active member of our Association. At that time he did not draw much attention to himself, but we shall remember him from the indirect influence he obtained by drawing more and more of our members into the sphere of his activities and interest. Even if SVEN HEDIN was not present among us in the flesh, his presence was always a living reality with us, and this he will continue to be. His memory will live with us."

Prof. K. KRAUSKOPF lectured on "Rare elements in Phosphatic Sediments".

Meeting November 28th, 1952.

38 persons present.

Discussions and lectures on "Sparagmites".

Meeting November 29th, 1952.

32 persons present.

Discussions and lectures on "Sparagmites".

Meeting December 5th, 1952.

27 persons present.

Prof. O. ÖDMAN spoke on his latest journey to Africa.

Meeting February 27th, 1953.

14 persons present.

Dr. F. BROTZEN lectured on "From the microscope to the oilwell".

Meeting March 6th, 1953.

14 persons present.

Mr. E. ÅHMAN gave a lecture on on "The Vallen-Alhamn area".

Meeting March 19th, 1953.

21 persons present.

Prof. S. GAVELIN lectured on "The criteria of Pre-Cambrian stratigraphy".

Meeting March 26th, 1953.

25 persons present.

Discussion about "What is Quaternary geology?" with introductions by Dr. S. FLORIN and Mr. S. FREDÉN.