Geologi på tværs af det Danske Rige – Geological transect across the Kingdom of Denmark

100 years anniversary symposium of the Geological Society of Denmark, November 19–20, 1993
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The Geological Society of Denmark was founded on January 16th 1893. The 100 years anniversary was celebrated with a two-day symposium on November 19–20, 1993. At the symposium the Steno Medal and Denmark's Geology prize was presented. In the evening after the first day the jubilee was marked with a symposium dinner at Restaurant Søpavillonen.

The symposium was planned to take place at the Geological Museum, but due to the large number of registrants the meeting was moved to the Geological Institute, University of Copenhagen. The idea behind the symposium was to present a broad outline in space and time of both new and old topics concerning the geology of Greenland, the Faroe Islands and Denmark, that together make up the Kingdom of Denmark. The speakers were invited to give a presentation of new results in the context of the general development within each particular field. The papers presented at the symposium are listed below. A volume of extended abstracts was published at the symposium (Nielsen 1993). The present volume contains the submitted papers from the meeting.

Symposium papers

The symposium language was Danish. However, the Greenland section was in English in honour of the recipient of the Steno Medal.

Olaf Michelsen: Detaljeret stratigrafisk korrelation af Danmarks Tertiær baseret på sekvensstratigrafi. – (Detailed stratigraphic correlation of the Tertiary of Denmark based on sequence stratigraphy).

Lars Ole Boldreel og Morten Sparre Andersen: Udvikling af Færø-Rockall Plateauet i Tertiær. – (Development of the Faroe-Rockall Plateau in the Tertiary).

Leif Banke Rasmussen: Dansk Geologisk Forening. Hovedtræk af foreningen historie 1893–1993. – (Geological Society of Denmark. Major trends in the history of the Society 1893–1993).

Asger Ken Pedersen og Lotte Melchior Larsen: Tertiary volcanism in the West Greenland Basin.

Niels Henriksen: The Caledonian orogen in East Greenland.

Fig. 1. Opening of the 100 years jubilee symposium by the President of the Geological Society of Denmark, Stefan Hultberg. Photo Ole B. Berthelsen.

Figure 2. Part of the audience attending the 100 years anniversary symposium of the Geological Society of Denmark. The symposium was held in the lecture hall (Festsalen) at the Geological Institute, University of Copenhagen. Photo Ole B. Berthelsen.

Finn Surlyk: Post-Caledonian evolution of East Greenland.

John Callomon: Jurassic biochronology of Greenland and the Arctic.

Asger Berthelsen, Tanni Abramovitz, Lars Hansen, Alexander Lassen & Hans Thybo: Lithosfæretettonik under og omkring Danmark; resultater fra EGT, BABEL og EUROPROBE projekterne (1983–93). – (Tectonics of the lithosphere underneath and around Denmark; results from the EGT, BABEL and EUROPROBE projects, 1983–93).

Lars Henrik Nielsen: Øvre Trias-Mellem Jura aflejringerne i Det Danske Bassin. – (Upper Triassic-Middle Jurassic deposits in the Danish Basin).

Morten W. Jeppesen: Formationsanalyse under boring af horisontale brønde i kalk reservoirer. – (Real-time formation evaluation of chalk reservoirs – examples from horizontal wells in the Danish North Sea).

Willi Dansgaard, H. B. Clausen, N. Gundestrup, S. J. Johnsen & H. Tauber: 250.000 års klimaregistrering fra en ny grønlandsk iskærne. – (250,000 years registration of the climate from a new Greenland ice core).

Michael Houmark-Nielsen: Nye kvartærgeologiske landvindinger i Danmark. – (New findings in the Quaternary geology of Denmark).

Karen Luise Knudsen: Oversigt over marine kvartære

aflejringer i Danmark. – (Review of the marine Quaternary deposits in Denmark).

Svend Th. Andersen: Terrestrisk miljøhistorie i Danmarks Kvartær. – (Terrestrial environment in the Quaternary of Denmark).

Johnny Fredericia: Moræner – en aquitard. – (Till clay – an aquitard).

The Steno Medal and Denmark's Geology Prize awards

The Steno Medal was established by the Geological Society of Denmark in 1969 (Graversen 1994, this volume). The medal is awarded to foreign geologists, or in special circumstances Danish, in order to honour an outstanding contribution within the geological sciences. At the symposium the Steno Medal was presented to Professor John H. Callomon, University College, London, in recognition of his contribution to the Mesozoic stratigraphy and palaeontology of East Greenland through his studies of Jurassic and Cretaceous ammonites (Graversen 1994, Surlyk 1994, this volume).

Denmark's Geology Prize (Danmarks Geologipris) was presented at the anniversary symposium for the first time. The prize was established in 1993 by the Geological

Figure 3. Participants at the jubilee dinner of the Geological Society of Denmark, Restaurant Søpavillonen. Photo Ole B. Berthelsen.

Society of Denmark and the Geological Survey of Denmark together. The prize is awarded in recognition of remarkable contributions to the understanding of the geology of Denmark. Denmark's Geology Prize was presented to Professor Asger Berthelsen for his research in the glacial geology of the Danish Quaternary deposits and for his more recent work on the development of the crust and the lithosphere of Denmark and neighbouring areas (Graversen & Hansen 1994, this volume).

Sponsors

The 100 years anniversary symposium of the Geological Society of Denmark would not have been possible without donations from a large number of sponsors. The executive committee and organizers are also grateful for the readiness to help we met from many members of the staff at the Geological Survey of Denmark and at the Geological Museum and the Geological Institute, University of Copenhagen. The Geological Society received economic support from

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Dansk sammendrag

Dansk Geologisk Forening blev stiftet 16. januar 1893. 100 års jubilæet blev fejret med et to-dages symposium på Geologisk Institut, Københavns Universitet, 19.-20. november 1993. Programmet var sat sammen med henblik at præsentere et geologisk tværsnit af det Danske Rige: Grønland, Færøerne og Danmark. Foredragsholderne var inviteret til at præsentere nye resultater set i lyset af den generelle udvikling inden for de respektive områder. Et hæfte med sammendrag af foredragene blev trykt til mødet (Nielsen 1993). En oversigt over foredragene er givet ovenfor.

Ved jubilæet blev Dansk Geologisk Forenings guldmedalje, Steno Medaljen, uddelt for sjette gang. Medaljen blev tildelt professor John H. Callomon, University College, London, som anerkendelse for hans studier af Østgrønlands ammonitter fra Jura og Kridt.

Danmarks geologipris blev uddelt for første gang. Prisen blev indstiftet i 1993 af Danmarks Geologiske Undersøgelse og Dansk Geologisk Forening i fællesskab. Prisen tildeles en person, som i særlig grad har bidraget til forståelsen af Danmarks geologi. Professor Asger Berthelsen, Geologisk Institut, Københavns Universitet, modtog prisen som anerkendelse af hans glacialgeologiske forskning i Danmarks kvartære aflejringer og for sine nyere arbejder omkring udviklingen af skorpen og lithosfæren under og omkring Danmark.

Dansk Geologisk Forening vil gerne takke for den

støtte, som foreningen modtog fra en række firmaer og institutioner (se ovenfor) til afholdelsen af 100 års jubilæet.

References

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