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DE DANSKE EKSPEDITIONER TIL ØSTGRØNLAND 1926–54

UNDER LEDELSE AF LAUGE KOCH

LITERATURE FROM
THE DANISH EAST GREENLAND
EXPEDITIONS

PUBLISHED IN
THE MEDDELELSER OM GRØNLAND

BY

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From many quarters, especially from geologists, I have been requested to prepare a list of the literature published, or in preparation, as results of the Danish East Greenland expeditions under my leadership, which commenced in 1926 and are still in progress, viz.

The geological expedition in 1926—27.

- summer expedition in the s.s. "Godthaab" 1929.
- summer expedition in the s.s. "Godthaab" 1930.
- Three-year Expedition 1931—34.
- Seaplane expedition to Peary Land 1939.
- Two-year Expedition 1936—39.
- geological expeditions from 1947 onwards (including the lead investigations 1949—51).

As the results of the investigations carried out in Northeast Greenland in the most recent years have close relation to the publications of the Second Thule Expedition to North Greenland 1916—18 under the leadership of Dr. KNUD RASMUSSEN, which I joined as geologist and cartographer, and the Bicentenary Expedition around the north of Greenland 1920—23 led by me, the list likewise includes some publications from these expeditions.¹⁾

Practically all the papers of the expeditions have been published in the Danish State publication the "Meddelelser om Grønland" (referred to below as the M.o.G.). Even though several valuable treatises dealing with results of the above-mentioned expeditions have been published in foreign periodicals, they are not included in the list, since most of them have already been quoted in the M.o.G. or will be so in the future. I may mention a few papers published in the Swiss geological periodicals "Eclogae Geologicae Helvetiae" and "Mitteilungen der Naturforschenden Gesellschaft Schaffhausen". Further, many brief descriptions and a few summaries of Devonian vertebrates by Professor E. STENSIÖ, Professor G. SÄVE-SÖDERBERGH, and Dr. E. JARVIK have been published in

¹⁾ On the two expeditions I carried out topographical mapping of the north coast of Greenland. The resulting maps, viz. 18 sheets on a scale of 1:300,000, were published by the Geodetic Institute, Copenhagen, in 1932 in an atlas entitled "Map of North Greenland".

various foreign periodicals, and similarly, foreign material has occasionally been mentioned and figured in the papers in the M.o.G.

Comparisons, abstracts, and brief preliminary accounts published in foreign periodicals are not included in the list.

Much zoological material collected on my expeditions has later been worked up and described in the M.o.G. under the collective title "Zoology of East Greenland".

A few other geological expeditions have been at work in East Greenland during the period in question, but the present list only comprises papers which are direct results of the expeditions under my leadership and which are approved by my collaborators.

Most of the expeditions considered here have been purely geological. However, the large expeditions in the years 1931—34 were also joined by cartographers, zoologists, botanists, and archæologists. The titles of the resulting zoological, botanical, and archæological papers will be found at the end of the list.

As one of the results of the expedition 1931—34 may be mentioned the following topographic map sheets, prepared on the basis of observations made from the ground and of air photographs, and published by the Geodetic Institute, Copenhagen, on a scale of 1:250,000 and with 50-m contour lines:

70₁ 72_{1,2,3} 73_{1,2,3,4} 74_{1,2,3,4} 75_{1,2,3}

As early as 1936 this topographic material was placed at our disposal for a more systematic geological mapping.

The arrangement of the papers into special groups has been connected with various difficulties, and it is quite possible that in future we shall arrive at a more satisfactory grouping than that employed here¹).

A great many descriptions with accompanying maps deal with areas from which beds of different geological formations are mentioned. These descriptions are gathered in a special group, and after the title of the paper it is briefly stated what geological formations are treated.

Treatises accepted as theses for the doctorate are marked with an asterisk and the name of the particular university town is added in parenthesis.

The ice-free part of East Greenland between 68° and 82° N. lat. is formed by a geosyncline containing *i. a.* late pre-Cambrian, Cambrian, Ordovician, and Devonian deposits to a thickness of several thousand metres. These deposits were later folded and partially gneissified and granitised in Caledonian time *sensu lato*.

During the last few years the work of the expeditions has been extended to more northerly parts of Northeast Greenland, the regions

¹) The author will be grateful for suggestions as to corrections of the list.

west and north of the East Greenland geosyncline, where Archæan, late pre-Cambrian, Cambrian?, Ordovician, Silurian, as well as traces of uppermost Silurian or Lower Devonian folding activities seem to be present. Furthermore, folding of Middle and Upper Devonian age has been met with in Central East Greenland. It is uncertain whether all these foldings can be referred to the Caledonian folding.

At the beginning of the Thirties it was much discussed whether the sediments in the Julianehaab district, the southernmost part of Southwest Greenland, might be of Caledonian age, too. In connection with my East Greenland expeditions, Professor E. WEGMANN was therefore sent out in 1936 and 1937 to investigate these regions. His results showed, however, that the folding activities there must be pre-Caledonian. The publications on his journeys are included in the list.

It is very difficult to give the accurate southern limits of the East Greenland geosyncline, the areas south of Scoresby Sund being mostly covered by basalt sills of Tertiary age some two to three thousand metres thick. The western boundary of the geosyncline in Central East Greenland is concealed by the inland ice. It seems, however, that the most intensely folded part of the area affected by Caledonian (here probably Taconean) folding is found in the nunatak zone or the fjord region. In Northeast Greenland, also, the inland ice puts a definitive limit to our investigations.

1. Geological Reports.

- KOCH, LAUGE. The Geology of East Greenland. Pp. 1—204, 53 text-figs., 6 pls. (5 maps, 1 profile). — M.o.G. Bd. 73, 2. Afd., Nr. 1. 1929.
 — Stratigraphy of Greenland. Pp. 205—320, 8 text-figs. — M.o.G. Bd. 73, 2. Afd., Nr. 2. 1929. (*Copenhagen).
- Geologische Untersuchungen in der postdevonischen Zone Nordostgrönlands. Pp. 1—44, 7 text-figs., 8 pls. (Preliminary reports).
- LAUGE KOCH. Vorwort.
- MAYNC, WOLF. Stratigraphie der postdevonischen Ablagerungen der Clavering Insel und des Wollaston Vorlandes (Ostgrönland 74°—75° N. Br., 19°—21° W. Gr.).
- VISCHER, ANDREAS. Tektonik der postdevonischen Formationen der Clavering Insel und des Wollaston Vorlandes (Ostgrönland 74°—75° B. Br., 19°—21° W. Gr.). 1 text-fig.
- STAUBER, HANS. Stratigraphische Untersuchungen postdevonischer Sedimente auf den Inseln Traill und Geographical Society. 2 pls.
- SCHAUB, HANS PETER. Zur Vulkanotektonik der Inseln Traill und Geographical Society (Nordostgrönland). 6 text-figs. — M.o.G. Bd. 114, Nr. 1. 1938.
- RITTMANN, A. Studien an Eruptivgesteinen aus Ost-Grönland. Pp. 1—156, 20 text-figs. — M.o.G. Bd. 118, Nr. 1. 1940.
- WEGMANN, C. E. Geological tests of the hypothesis of continental drift in the arctic regions. Scientific planning. Pp. 1—48, 2 pls. — M.o.G. Bd. 144, Nr. 7. 1948.

KOCH, LAUGE. Report on the expeditions to Central East Greenland 1926—39, conducted by LAUGE KOCH. Part I: Notes on some topographical and geological maps of East Greenland. Pp. 1—44, 7 pls. (maps). M.o.G. Bd. 143, Nr. 1. 1950.

Pls. 1—2: Topographical maps, scale 1:1,500,000 (with height contours), of area from Peary Land to Angmagssalik.

Pl. 3: Geological map (scale 1:250,000) of parts of Geographical Society Ø and Traill Ø, by HANS STAUBER.

Pl. 4: Geological map (1:250,000) of parts of Scoresby Land and Jameson Land, by HANS STAUBER.

Pl. 5. Geological map (1:250,000) of Hold with Hope, Passage Hills, and Giesecke Mountains, by A. VISCHER and others.

Pl. 6. Geological map (1:250,000) of area from 74°—75° N. lat. 20°—23° W. long., by A. MITTELHOLZER, A. VISCHER, and others.

Pl. 7. Geological map (1:250,000) of parts of Ole Rømers Land, Gauss Peninsula, and Ymers Island, by HEINRICH BÜTLER.

FRÄNKEL, ERDHART. A general geological map of the Caledonian mountain chain of East Greenland. Pp. 1—43, 4 text-figs., 1 pl. (map). — M.o.G. Bd. 103, Nr. 11. 1955 (in press).

In this paper FRÄNKEL refers parts of Dronning Louises Land to the Archæan. Further, he subdivides the late pre-Cambrian as follows:

Lower Cambrian

Greenlandian { Tillite Formation
Eleonore Bay Formation } Sparagmitian in Scandinavia.

Thule Formation = Keweenawan of Canada, Jotnian of Scandinavia.
Gneisses (pre-Keweenawan).

2. Geological Areal Descriptions.

Geologists specially interested in late pre-Cambrian, Cambrian, and Ordovician stratigraphy may find detailed descriptions of these formations in the publications quoted below.

CALLISEN, KAREN. Petrographische Untersuchung einiger Gesteine von Nordgrönland. Pp. 217—255, 3 text-figs., 1 pl. — M.o.G. Bd. 71, Nr. 4. 1929.

KOCH, LAUGE. The geology of the south coast of Washington Land. Pp. 1—39, 15 text-figs. 3 pls. — M.o.G. Bd. 73, 1. Afd., Nr. 1. 1929.

Chiefly Ordovician stratigraphy.

KULLING, OSKAR. Stratigraphic studies of the geology of Northeast Greenland (preliminary report). Pp. 317—346. — M.o.G. Bd. 74, Nr. 13. 1930.

A. Eleonore Bay Formation, B. Tillite Series, C. Devonian Formation, D. Carboniferous Formation.

ROSENKRANTZ, ALFRED. Summary of investigations of younger Palæozoic and Mesozoic strata along the east coast of Greenland in 1929. (Preliminary report). Pp. 347—364, 4 text-figs. — M.o.G. Bd. 74, Nr. 14. 1930.

Carboniferous, Permian, Triassic.

NOE-NYGAARD, A. and G. SÄVE-SÖDERBERGH. Zur Stratigraphie der Nordostecke der Claveringinsel (Ostgrönland). Pp. 1—30, 3 text-figs., 5 pls. — M.o.G. Bd. 94, Nr. 3. 1932.

Geological map of part of Clavering Ø (scale 1:50,000), with notes on Crystalline, Carboniferous, Permian, and Mesozoic sediments and on Tertiary basalts.

FREBOLD, H. Grundzüge der tektonischen Entwicklung Ostgrönlands in post-devonischer Zeit. Pp. 1—112, 17 text-figs., 3 pls. — M.o.G. Bd. 94, Nr. 2. 1932.

Geological map, (scale 1:30,000) of part of Wollaston Forland, with remarks on the Crystalline, Permian, Triassic, Jurassic, and Cretaceous; tectonic remarks and discussion.

KOCH, LAUGE. The geology of Inglefield Land. Pp. 1—38, 13 text-figs., 3 pls. Geological map, scale 1:700,000. — M.o.G. Bd. 73, 1. Afd., Nr. 2. 1933.

Archæan, late pre-Cambrian, Cambrian, Lower Ordovician.

NOE-NYGAARD, ARNE. Stratigraphical outlines of the area round Fleming Inlet (East Greenland). Pp. 1—88, 21 text-figs. 2 pls. — M.o.G. Bd. 103, Nr. 1. 1934.

Geological map of the area between Carlsberg Fjord and Antarctica Havn (scale 1:200,000), with preliminary notes on pre-Mesozoic, Mesozoic, and Tertiary rocks, and the geological evolution of the area.

SÄVE-SÖDERBERGH, G. On the Palæozoic stratigraphy of Canning Land, Wegener Peninsula, and Depot Island (East Greenland). Pp. 1—41, 8 text-figs., 2 pls. — M.o.G. Bd. 96, Nr. 5. 1937.

Geological map of the western part of Canning Land, with remarks on the Devonian, Carboniferous, and Permian stratigraphy.

CROMMELIN, R. D. A sedimentary petrological investigation of a number of sand samples from the south coast of Greenland between Ivigtut and Frederiksdal. Pp. 1—32, 4 text-figs., 1 map. — M.o.G. Bd. 113, Nr. 1. 1937.

WEGMANN, C. E. Geological investigations in Southern Greenland. Part I. On the structural divisions of Southern Greenland. Pp. 1—148, 70 text-figs., 7 pls. — M.o.G. Bd. 113, Nr. 2. 1938.

The expedition was sent out to ascertain whether traces of Caledonian folding were found in the Julianehaab district as a continuation of the Caledonian folding between East Greenland and Newfoundland. WEGMANN found the folding in the Julianehaab district to be pre-Caledonian.

MOOS, ARMIN VON. Sedimentpetrographische Untersuchungen in Ost-Grönland. Petrographie, Granulometrie und Abrollung rezenter Sande aus Christian X. Land. (With English summary). Pp. 1—76, 4 text-figs. — M.o.G. Bd. 103, Nr. 4. 1938.

FREBOLD, HANS and ARNE NOE-NYGAARD. Marines Jungpalæozoikum und Mesozoikum von der Traill-Insel (Ostgrönland). Pp. 1—37, 7 text-figs., 1 pl. — M.o.G. Bd. 119, Nr. 2. 1938.

Sections from Traill Ø with description of Permian, Eotriassic, and Jurassic fossils.

BÜTLER, H. Die tektonischen Strukturelemente des östlichen Moschusochsenfjordes. Vorläufige Mitteilung. Pp. 1—8, 1 text-fig. — M.o.G. Bd. 103, Nr. 5. 1938.

VISCHER, ANDREAS. Der postdevonische Bau Ostgrönlands zwischen 73° und 75° N. Br. Pp. 1—20, 2 text-figs. — M.o.G. Bd. 114, Nr. 4. 1940.

Preliminary notes on the tectonics.

MAYNC, WOLF. Stratigraphie des Küstengebietes Ostgrönland zwischen 73°—75° N. Lat. (Östliche Gauss Halvø, Hold-with-Hope östliche Clavering Ø, Wollaston Forland, Kuhn Ø, Sabine Ø und Lille Pendulum Ø). Pp. 1—34, 2 text-figs. — M.o.G. Bd. 114, Nr. 5. 1940.

Notes on Caledonian, Devonian, Carboniferous, Permian, Eotriassic, Crétaceous, and Tertiary.

STAUBER, HANS. Stratigraphisch-geologische Untersuchungen in der ostgrönländischen Senkungszone des nördlichen Jamesonlandes. Vorläufiger Bericht. Pp. 1—34, 2 pls. — M.o.G. Bd. 114, Nr. 7. 1940.

Preliminary map of the sediment area between Scoresby Sund and Kejser Franz Josephs Fjord, with brief notes on sediments of Carboniferous to Cretaceous age, basalts, and tectonic remarks.

BIERTHER, WILHELM. Vorläufige Mitteilung über die Geologie des östlichen Scoresbylandes in Nordostgrönland. Pp. 1—20, 2 text-figs., 2 pls. — M.o.G. Bd. 114, Nr. 6. 1941.

Geological map of Scoresby Land (scale 1:250,000) with notes on Carboniferous, Permian, Triassic, Jurassic. Volcanism and tectonics.

VROMAN, J. A sedimentary petrological investigation of a number of sand samples from the south coast of Greenland between Unartok and Tokulinek. Pp. 1—21, 1 pl. — M.o.G. Bd. 113, Nr. 3. 1942.

HÜBSCHER, HANS. Zur Petrographie junger Sande aus Nordostgrönland. Pp. 1—108, 9 text-figs., 1 pl. — M.o.G. Bd. 115, Nr. 3. 1943. (*Neuchâtel).

VISCHER, ANDREAS. Die postdevonische Tektonik von Ostgrönland zwischen 74° und 75° N. Br. Kuhn Ø, Wollaston Forland, Clavering Ø und angrenzende Gebiete. Pp. 1—194, 23 text-figs., 6 pls. — M.o.G. Bd. 133, Nr. 1. 1943. (*Basel).

Geological map of area between 74° and 75° N. lat. (scale 1:333,333), with notes on the Caledonian, Devonian, Carboniferous, Permian, Eotriassic, Jurassic, Cretaceous, Tertiary, and Quaternary, and on post-Devonian tectonics.

KLEIBER, KARL. Beitrag zur Geologie und Sedimentpetrographie Ostgrönlands. Pp. 1—148, 17 text-figs., 13 tables, 6 pls. — M.o.G. Bd. 115, Nr. 4. 1944. (*Zürich).

Notes on sediment-petrography between Kejser Franz Josephs Fjord and Scoresby Sund.

BÜTLER, H. Notes on the geological map of Canning Land, East Greenland. Pp. 1—97, 19 text-figs., 6 pls. (maps). — M.o.G. Bd. 133, Nr. 2. 1948.

Geological map (scale 1:75,000) of Canning Land and eastern part of Wegener Halvø. With notes on pre-Cambrian, Devonian, Carboniferous, Permian, Triassic, and tectonics.

— Über ein Vorkommen von Quarziten der untern Eleonore Bay Formation an der Nordküste Wegener Halbinsel in Ostgrönland. Pp. 1—10, 3 text-figs. — M.o.G. Bd. 150, Nr. 3. 1949.

SCHAUB, H. P. On the pre-Cambrian to Cambrian sedimentation in NE-Greenland. Pp. 1—50, 10 text-figs., 1 pl. — M.o.G. Bd. 114, Nr. 10. 1950.

Stratigraphy of the upper Eleonore Bay Formation and the Tillite.

FRÄNKEL, ERDHART. Die untere Eleonore Bay Formation im Alpefjord. Pp. 1—15, 3 text-figs. — M.o.G. Bd. 151, Nr. 6. 1951.

KATZ, H. R. Zur Geologie von Strindbergs Land (NE-Grönland). Pp. 1—150, 45 text-figs., 5 pls. — M.o.G. Bd. 111, Nr. 1. 1952 (*Zürich).

Geological map (scale 1:250,000) of Strindbergs Land, with notes on the Eleonore Bay Formation, Tillites, Cambro-Ordovician, Devonian, Metamorphic Complex, and on tectonics.

KATZ, H. R. Ein Querschnitt durch die Nunatakzone Ostgrönlands (ca. 74° N. Br.). Ergebnisse einer Reise vom Inlandeis (in Zusammenarbeit mit den Expéditions Polaires Françaises von P. E. VICTOR) ostwärts bis in die Fjordregion, ausgeführt im Sommer 1951. Pp. 1—65, 21 text-figs., 4 pls. — M.o.G. Bd. 144, Nr. 8. 1952.

Geological map (scale 1:250,000) of the nunataks west of Strindbergs Land (in cooperation with the French Polar Expedition led by P. E. VICTOR). Trav-

elling report, remarks on botany and zoology. Notes on late pre-Cambrian sediments and Caledonian tectonics. Demonstration of Tertiary eruptions.

EHA, SILVIO. The pre-Devonian sediments on Ymers Ø. Suess Land, and Ella Ø (East Greenland) and their tectonics. Pp. 1—105, 19 text-figs., 3 pls. — M.o.G. Bd. 111, Nr. 2. 1953. (*Basel).

Geological map (scale 1:250,000), with notes on the Eleonore Bay Formation, Tillite, Cambrian, Ordovician, and on Caledonian tectonics.

ADAMS, P. J. and J. W. COWIE. A geological reconnaissance of the region around the inner part of Danmarks Fjord, Northeast Greenland. Pp. 1—24, 4 text-figs., 2 pls. — M.o.G. Bd. 111, Nr. 7. 1953.

Geological map (scale 1:500,000) of the area south of the head of Danmarks Fjord. With notes on late pre-Cambrian, Cambrian?, Ordovician, and Silurian stratigraphy and palæontology.

FRÄNKEL, ERDHART. Die geologische Karte von Nord-Scoresby Land (NE-Grönland). Pp. 1—56, 21 text-figs., 4 pls. — M.o.G. Bd. 113, Nr. 6. 1953.

Geological map (scale 1:250,000) of Northern Scoresby Land, with notes on the Eleonore Bay Formation, Tillites, Cambro-Ordovician, Devonian, Carboniferous, Caledonian folding, and Tertiary?

— Geologische Untersuchungen in Ost-Andréas Land (NE-Grönland). With English summary. Pp. 1—160, 34 text-figs., 6 pls. — M.o.G. Bd. 113, Nr. 4. 1953. (*Basel).

Geological map (scale 1:250,000) of eastern Andréas Land, with notes on the Eleonore Bay Formation, Tillites, Cambro-Ordovician, and Caledonian tectonics.

HALLER, JOHN. Geologie und Petrographie von West-Andréas Land und Ost-Frænckels Land (NE-Grönland). With English summary. Pp. 1—193, 60 text-figs., 7 pls. — M.o.G. Bd. 113, Nr. 5. 1953. (*Basel).

Geological map (scale 1:250,000) of western Andréas Land and eastern Frænckels Land, with description of the Eleonore Bay Formation, Tillite Series, Petermann Series, Cambro-Ordovician, and the Central Metamorphic Complex; notes on petrography and tectonics.

FRÄNKEL, ERDHART. Vorläufige Mitteilung über die Geologie von Kronprins Christians Land (NE-Grönland, zwischen 80°—81° N. und 19°—23° W). With English summary. Pp. 1—85, 24 text-figs., 2 pls. — M.o.G. Bd. 116, Nr. 2. 1954. With geological map of part of Kronprins Christians Land (1:500,000).

Brief notes on meteorology (F. MÜLLER) botany and zoology (F. H. SCHWARZENBACH). Comments on first traces of Archæan. Late pre-Cambrian sediments: Thule Formation (Keweenawan), Eleonore Bay Formation (Greenlandian), and Tillite. Cambro-Silurian. Caledonian tectonics.

— Weitere Beiträge zur Geologie von Kronprins Christians Land (NE-Grönland zwischen 80° und 80°30' N). With English summary. Pp. 1—35, 14 text-figs., 2 pls. — M.o.G. Bd. 103, Nr. 7. 1954.

Chiefly Caledonian tectonics. Pl. 1: Geological map of part of Kronprins Christians Land.

— Rapport über die Durchquerung von Nord Peary Land (Nordgrönland) im Sommer 1953. With English summary of geological results. Pp. 1—61, 17 text-figs., 2 pls. — M.o.G. Bd. 103, Nr. 8 (in press).

Chiefly Caledonian tectonics.

SCHAUB, H. P. Tectonics and morphology of Kap Oswald (NE-Greenland). Pp. 1—33, 10 text-figs., 3 pls. — M.o.G. Bd. 103, Nr. 10. 1954.

Late pre-Cambrian Tillites and Palæozoic.

KATZ, H. R. Einige Bemerkungen zur Lithologie und Stratigraphie der Tillitprofile im Gebiet des Kejser Franz Josephs Fjord, Ostgrönland. Pp. 1—64, 12 text-figs., 1 pl. With English summary. — M.o.G. Bd. 72, 2. Afd., Nr. 4. 1954.

Discussion of tillite sections from Strindbergs Land, Andréas Land, Ymers Ø, Suess Land, Ella Ø, and correlation table of late pre-Cambrian sediments in northern Europe and Greenland.

SOMMER, MAX. Geologie von Lyells Land. Map, scale 1:250.000. (In preparation).

HALLER, JOHN. Geologie der Nunatak Region von Zentral-Ostgrönland zwischen 72°30' und 74°10' n. Br. With English summary. 63 text-figs., 5 pls. (in press). M.o.G. Bd. 154, Nr. 1. 1955.

Geological Map (scale 1:250,000), notes on the Eleonore Bay Formation, Tillite, Caledonian tectonics, and Tertiary Basalt Formation.

3. Cambro-Silurian.

TROEDSSON, G. T. On the Middle and Upper Ordovician faunas of Northern Greenland. I: Cephalopods. Pp. 1—157, 17 text-figs., 65 pls. — M.o.G. Bd. 71, Nr. 1. 1926.

POULSEN, CHR. The Cambrian, Ozarkian and Canadian faunas of Northwest Greenland. Pp. 233—343, 10 text-figs., 1 pl. — M.o.G. Bd. 70, Nr. 2. 1927. (*Copenhagen).

TROEDSSON, G. T. On the Middle and Upper Ordovician faunas of Northern Greenland. Part II. Pp. 1—197, 12 text-figs., 56 pls. — M.o.G. Bd. 72, Nr. 7. 1929.

POULSEN, CHR. Contributions to the stratigraphy of the Cambro-Ordovician of East Greenland. (Preliminary report). Pp. 297—316, 7 text-figs. — M.o.G. Bd. 74, Nr. 12. 1930.

— The Lower Cambrian faunas of East Greenland. Pp. 1—66, 6 text-figs., 14 pls. M.o.G. Bd. 87, Nr. 6. 1932.

— The Silurian Faunas of North Greenland. I. The fauna of the Cape Schuchert Formation. Pp. 1—46, 5 text-figs., 3 pls. — M.o.G. Bd. 72, 2. Afd., Nr. 1. 1934.

— On the Lower Ordovician faunas of East Greenland. Pp. 1—72, 18 text-figs., 8 pls. — M.o.G. Bd. 119, Nr. 3. 1937.

— The Silurian Faunas of North Greenland. II. The fauna of the Offley Island Formation. Part I: Coelenterata. Pp. 1—28, 3 text-figs., 6 pls. — M.o.G. Bd. 72, 2. Afd., Nr. 2. 1941.

— The Silurian Faunas of North Greenland. II. The fauna of the Offley Island Formation. Part II: Brachiopoda. Pp. 1—60, 22 text-figs., 6 pls. — M.o.G. Bd. 72, 2. Afd., Nr. 3. 1943.

COWIE, J. W. and P. J. ADAMS. The Cambro-Ordovician of Central East Greenland. Part I. Stratigraphy and structure. 6 pls. (in press). — M.o.G. Bd. 153, Nr. 1, 1955. (*Bristol).

COWIE, J. W. The Cambro-Ordovician of Central East Greenland. Part II. The Cambrian faunas. — M.o.G. Bd. 153, Nr. 2. (In preparation).

ADAMS, P. J. The Cambro-Ordovician of Central East Greenland.

Part III. The Ordovician faunas. — M.o.G. Bd. 153, Nr. 3. (In preparation).

4. Caledonian Folding.

Publications dealing with pre-Cambrian and Lower Palæozoic sediments more or less transformed and metamorphosed by Caledonian folding.

- BACKLUND, HELGE, G. Contributions to the geology of Northeast Greenland (Preliminary report). Pp. 207—298, 10 text-figs., 2 pls. — M.o.G. Bd. 74, Nr. 11. 1930.
- Das Alter des "Metamorphen Komplexes" von Franz Josef Fjord in Ost-Grönland. Pp. 1—119, 4 text-figs., 7 pls. — M.o.G. Bd. 87, Nr. 4. 1932.
- TEICHERT, CURT. Untersuchungen zum Bau des kaledonischen Gebirges in Ostgrönland. Pp. 1—121, 41 text-figs., 2 pls. — M.o.G. Bd. 95, Nr. 1. 1933.
- SAHLSTEIN, TH. G. Petrographie der Eklogiteinschlüsse in den Gneisen des südwestlichen Liverpool-Landes in Ost-Grönland. Nebst Anhang: Granulitartiger Gneis nordöstlich von Kap Hope. Pp. 1—43, 5 text-figs., 1 pl. — M.o.G. Bd. 95, Nr. 5. 1935.
- Zur Regelung der Gesteine im Kristallin von Liverpool-Land in Ostgrönland. Pp. 1—25, 39 diagrams, 1 map. — M.o.G. Bd. 95, Nr. 6. 1935.
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