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CONTAINING

A SUPPLEMENT TO THE INSECT LIST IN KAI L. HENRIKSEN
& WILL. LUNDBECK: GRØNLANDS LANDARTHROPODER
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PREFACE

More than 20 years have passed since the most recent list of the Greenland insects appeared. During that time so much collecting work has been done that a supplement is needed. Not only is a number of recent finds now known within the geographical limits recorded in Henriksen & Lundbeck: Grønlands Landarthropoder (1917), but a great number of finds have been made outside these limits, thus increasing our knowledge of the geographical distribution of the Greenland insects in an important way. And further a number of species new to the Greenland fauna—several new to science—have been recorded in the literature or are present in the Zoological Museum of Copenhagen. For instance 43 species of Lepidoptera were recorded in Henr. & Lundb. 1917; the present list records 54. Further: Coleoptera 1917 40, now 44; Siphonaptera 1917 6, now 8; Hymenoptera 1917 59, now 83; Diptera Nematocera 1917 90, now 152; Diptera Brachycera 1917 84, now 123.

This increased knowledge of the Greenland fauna is mainly the result of Danish and English collecting work during expeditions and by chance collectors.

On the West coast collecting was done by three English expeditions sent from the Oxford university; on the first expedition, in 1928, under the leadership of T. G. Longstaff, Major R. W. G. Hingston collected insects in the Godthaab Fjord 64°45' (Qugssuk and Majuala)¹); on the second, in 1934—35, J. M. Wordie on his way to Ellesmere Land visited Northwest Greenland and collected insects between Upernavik 72°45' and Amdrup Ø. 74°45', and at Etah 78°20'; on the third, in 1936, H. G. Veveris collected insects in c. 67° latitude (Utorqait in Amerdloq and Camp Lloyd at the head of Søndre Strømfjord (= Kangerdlugssuaq). A number of papers have been issued (mostly in Ann. & Mag. Nat. Hist.) dealing with the material (Blair 1930, Brown 1937, Carpenter 1937, 1938, China 1934, Collin 1930, 1931, 1937 a, Edwards 1931, Longstaff 1936, Mosely 1929, Richards 1931, Roman 1930).

¹) In the publications erroneously spelled Matuola.

Danish collecting work on the West coast, the results of which is published here for the first time, was done by various collectors; their names are mentioned under the single finds, together with the dates of capture and the note "(Z. M.)" which means that the specimens are kept in the Zoological Museum of Copenhagen. The collecting work done by J. No Nygaard in Ameralik and Itivdleg ($64^{\circ}05'—15'$) in 1915, and by the 2nd Thule Expedition (espec. Thorild Wulff) along the very North coast of Greenland (ab. 82°) should be specially mentioned.

Further some insect groups, especially Nematocera, collected by the 2nd Norwegian Expedition in the "Fram" 1898, but not dealt with by Strand 1905, have been published in recent years (Alexander 1923, Kieffer 1925, Natvig 1930, Munster 1923).

Also A. de Quervain's Swiss Greenland Expedition 1912—13 brought home some insects, collected by P. L. Mercanton near Ege (= Quervain's Havn) at the head of the Atâ Sund $69^{\circ}45'$ (Mercanton 1925).

Finally the American Crocker Land Expedition 1913—17 should be mentioned, which collected insects at Ūmánaq $70^{\circ}40'$, and between Thule $76^{\circ}30'$ and Etah $78^{\circ}20'$. Only the Collembola and the humble bees have, however, been published (Folsom 1920, Frison 1919).

On East Greenland intensive Danish collectings have taken place during a number of years, of which especially the following should be mentioned:

The ornitologist Alwin Pedersen on his 1928-journey collected a huge material of insects at Scoresby Sund (Jameson Land and Liverpool Land ca. $70^{\circ}40'$).

On the "Thor"-expedition 1935 to the southernmost East Greenland, E. Berthelsen collected insects, mainly in the Lindenow Fjord c. $60^{\circ}30'$.

The 6th—7th Thule Expeditions under the leadership of Knud Rasmussen, R. Bøgvad and Marie Jørgensen being the entomological collectors, in 1932—33 investigated southeastern Greenland c. 60° —c. 68° . At the same time The Scoresby Sound Committee's 2nd East Greenland Expedition in 1932 to King Christian IX's Land under the leadership of Einar Mikkelsen, and with Magnus Degerbøl as entomological collector, collected between c. 68° and $69^{\circ}30'$, while the Trears-expeditionen til Christian X's Land 1931—34 under the leadership of Lauge Koch and with a number of collectors (F. Søgaaard Andersen, J. Brændegaard, Holger Madsen, Alwin Pedersen, R. Spärck, G. Thorson) collected $69^{\circ}30'—76^{\circ}$. The entire Danish collecting work of these years thus covers the whole coast from the southernmost to about 76° . Especially the collectings made by R. Bøgvad were intensive, as may be seen from the records of the single species, which—like the West Greenland finds—are signed: (Z. M.).

Papers dealing with results from these Expeditions have been published (in *Meddel. om Grönl.*) by Søgaard Andersen 1937, J. Brændegaard, Henriksen & Spärck 1935, Degerbøl 1937, Marie Jørgensen = Marie Hammer 1934, 1937, 1938, Madsen 1936. But the main part of the great insect material was not hitherto published.

The Norwegian government Expeditions to East Greenland on board "Veslekari" (1929: leadership Anders K. Orwin, 1930: leadership Adolf Hoel), too, collected insects, the entomological collector being Nils Knaben. The material has been dealt with in papers by Barca 1937, Friese 1935, Goetghebuer 1935, Knaben 1937, Lindberg 1935, Linnaniemi 1935, Malaise 1933, Ringdahl 1933, and Roman 1933.

On Alfred Wegener's German Greenland Expedition 1929 and 1930—31, H. B. Peters collected some insects near the East station (at Scoresby Sund 71°) (Peters 1934).

On the cruise of the "Pourquoi-Pas?", commanded by J. B. Charcot, in 1926, Paul Remy, also in Scoresby Sund (around Hurry Inlet c. 70°25'), collected insects (Remy 1928 a, 1928 b, Schmitz 1929).

Finally, two English expeditions should be mentioned, viz. The Wilkins Expedition in 1933, on which F. Spencer Chapman collected insects at Lake Fjord 66°17', and the Cambridge Expedition to Scoresby Sund 1933, on which David Lack collected insects mainly around Hurry Fjord c. 70°40' (Meyrick 1934, Collin 1937, Edwards 1935, Lack 1934, Roman 1934).

The present paper contains a combination of all these (and some more) literary records and the unpublished material kept in the Copenhagen Museum, and to this is added synonymic a. o. remarks, the results from (mostly unpublished) revisions of material, undertaken by Collin, Edwards, Roman, the present author and others.

It should however be noted that I have not gone through all the new material present in the Copenhagen Museum. The groups Mallophaga, Aphididae, and Diptera can only be treated by specialists of these groups, and therefore they must wait for coming investigators.

Also a few records, overlooked in *Henr. & Lundb.* 1917 (especially Rebel 1907, 1911, Strand 1905, Wahlgren 1900), have been noted now.

As will appear from the records in some of the foreign publications on the Greenland fauna, it is not commonly acknowledged what species really are known to occur in Greenland. Therefore I have not restricted myself to give the supplemental facts from these recent years, but I have registered all the species known from Greenland, whether new facts are recorded or not. In a square parenthesis I have noted the distribution (in latitudinal degree) agreeing with the localities mentioned in *Henr. & Lundb.* 1917. By a simple comparison of the new records with those in

the square parenthesis, it will easily be recognized if the new localities lie within or outside the known limits. If no square parenthesis is present, it means of course that no previous records exist, and if there is only a square parenthesis, no additional finds are to be recorded.

The names of the Greenland localities are spelled in accordance with the orthography adopted by the committee for Greenland place-names.

Collembola.

(cf. Marie Hammer: The Zoology of East Greenland. Collemboles. 1938).

Hypogastruridae.

1. *Hypogastrura armata* Nic.
Henr. & Lundb. p. 741 (*Achorutes armatus*).
West Greenland: Ũmánaq 70°40' (Folsom 1920 p. 272). — [61°40'—73°20'].
East Greenland: 66°10'—74°25' (Hammer 1938 p. 6)¹). — [70°27'].
2. *Hypogastrura* ? *longispina* Tullb.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: ca. 70°25' (Hammer 1938 p. 7).
3. *Hypogastrura tullbergi* Schöff.
Henr. & Lundb. ÷
The Greenland form is *var. concolor* Carp. (Folsom l. c.).
W. G.: Saunders Ø 76°30' (Folsom 1920 p. 272).
E. G.: 74°15' (Hammer 1938 p. 7).
4. *Hypogastrura viatica* Tullb.
Henr. & Lundb. p. 740 (*Achorutes viaticus*).
W. G.: [61°10'—69°15'].
E. G.: 65°32'—74°05' (Hammer 1938 p. 8). — [70°25'—c. 71°].
5. *Hypogastrura purpurascens* Lubb.
Henr. & Lundb. ÷
Most probably identic with *H. tullbergi concolor* (Remy 1928 a p. 51).
W. G.: ÷
E. G.: 70°25'—74°05' (Hammer 1938 p. 9).
6. *Hypogastrura manubrialis* Tullb.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: 71°33' and 74°31' (Hammer 1938 p. 9).

¹) As Marie Hammer's recently issued paper on the East Greenland collembolans—published in this periodical—gives a full account of the East Greenland literature and finds, synonymic notes etc., I restrict myself to mention the distribution area (latitudinal degree) within East Greenland, and refer to this paper for particulars.

7. *Xenylla humicola* O. Fabr.
 Henr. & Lundb. p. 742 (*Xenylla humicola* + *Schöttella uniunguiculata*).
 W. G.: Utorqait in Amerdloq c. 67° (Brown 1937 p. 516, Carpenter 1938 p. 531). — [60°59'—70°25'].
 E. G.: 65°35'—70°30' (Hammer 1938 p. 10). — [70°25'].
8. *Willemia anophthalma* Börner.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G. 60°30'—74°05' (Hammer 1938 p. 11).
9. *Friesea quinquespinosa* Wahlgr.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 65°35'—74°15' (Hammer 1938 p. 11).
10. *Anurida granaria* Nic.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 60°30'—71°33' (Hammer 1938 p. 12).
11. *Achorutes muscorum* Templ.
 Henr. & Lundb. p. 740 (*Neanura muscorum*).
 W. G.: [c. 61°].
 E. G.: 65°35' (Hammer 1938 p. 12).

Onychiuridae.

12. *Onychiurus groenlandicus* Tullb.
 Henr. & Lundb. p. 739 (*Aphorura armata* ps. + *groenlandica*).
 W. G.: Saunders Ø 76°30' (Folsom 1920 p. 273). — [without loc.].
 E. G.: 60°30'—74°37' (Hammer 1938 p. 13). — [70°25'].
13. *Onychiurus sibiricus* Tullb.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 72°46'—73°40' (Hammer 1938 p. 14).
14. *Onychiurus armatus* Tullb.
 Henr. & Lundb. p. 739 (*Aphorura armata* ps.).
 W. G.: Camp Lloyd in Søndre Strømfjord 67° (Brown 1937 p. 516, Carpenter 1938 p. 532—determined to be *var. arcticus* Tullb.). — [61°35'—67°25'].
 E. G.: 60°15'—74°05' (Hammer 1938 p. 15).
15. *Onychiurus pseudarmatus* Folsom.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 70°40' (Hammer 1938 p. 16).

16. *Tullbergia krausbaueri* Börner.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 70°25' (Hammer 1938 p. 16).

Isotomidae.

17. *Tetracanthella wahlgreni* Linnan.
 Henr. & Lundb. ÷
 W. G.: Ũmánaq 70°40' (Folsom 1920 p. 275).
 E. G.: 60°30'—70°25' (Hammer 1938 p. 16).
18. *Folsomia sexoculata* Tullb.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 65°35'—74°31' (Hammer 1938 p. 17).
19. *Folsomia quadrioculata* Tullb.
 Henr. & Lundb. p. 738 (*Isotoma quadrioculata*).
 W. G.: Camp Lloyd in Søndre Strømfjord 67° (Brown 1937 p. 517,
 Carpenter 1938 p. 532). — [without loc.].
 E. G.: 60°30'—74°05' (Hammer 1938 p. 17). — [70°27'].
- 19 a. *Folsomia quadrioculata* var. *anophthalma* Linnan.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 70°25' (Hammer 1938 p. 18).
20. *Folsomia diplophthalma* Linnan.
 Henr. & Lundb. ÷
 W. G.: Saunders Ø 76°30' (Folsom 1920 p. 276).
 E. G.: 68°05'—74°05' (Hammer 1938 p. 18).
21. *Folsomia fimetaria* L.
 Henr. & Lundb. p. 737 (*Isotoma fimetaria*).
 W. G.: [69°15'; without loc.].
 E. G.: 68°05'—74°31' (Hammer 1938 p. 19).
22. *Archisotoma besselsi* Pack.
 Henr. & Lundb. p. 739 (*Isotoma Besselsi*).
 W. G.: Camp Lloyd in Søndre Strømfjord 67° (Brown 1937 p. 517,
 Carpenter 1938 p. 532). Ũmánaq 70°40' (Folsom 1920 p. 277). — [81°30'].
 E. G.: 70°30'—74°05' (Hammer 1938 p. 20).
23. *Proisotoma tenella* Reuter.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 60°30'—70°27' (Hammer 1938 p. 20).
24. *Isotoma (Pseudisotoma) sensibilis* Tullb.
 Henr. & Lundb. p. 737 (*Isotoma viridis* ps.).

- W. G.: [62°].
 E. G.: 65°35'—74°15' (Hammer 1938 p. 21). — [70°25'—73°30'].
25. *Isotoma cinerea* Nic.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 70°40' (Hammer 1938 p. 22).
26. *Isotoma (Vertagopus) arborea* L.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 68°10' (Hammer 1938 p. 22).
27. *Isotoma finitima* Stscherb.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 72°46' (Hammer 1938 p. 23).
28. *Isotoma minor* Schäffer.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 60°30'—68°05' (Hammer 1938 p. 23).
29. *Isotoma coeruleo-griseus* Hammer.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 60°30'—65°50' (Hammer 1938 p. 24).
30. *Isotoma bipunctata* Linnæus.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 65°50'—74°05' (Hammer 1938 p. 24).
31. *Isotoma viridis* Bourl.
 Henr. & Lundb. p. 737 (*Isotoma viridis* ps.).
 W. G.: [60°43'—67°25'].
 E. G.: 60°30'—c. 73° (Hammer 1938 p. 24).
32. *Isotoma violacea* Tullb.
 Henr. & Lundb. ÷
 W. G.: Ūmánaq 70°40' (Folsom 1920 p. 280—the nominate form as well as *var. mucronata* Linnæus.).
 E. G.: 60°30'—66°10' (Hammer 1938 p. 25).
33. *Isotoma olivacea* Tullb.
 Henr. & Lundb. ÷
 W. G.: Ūmánaq 70°40' (Folsom 1920 p. 279).
 E. G.: 60°30'—74°05' (Hammer 1938 p. 26).
34. *Ågrenia bidenticulata* Tullb.
 Henr. & Lundb. p. 738 (*Isotoma bidenticulata*).
 W. G.: [without loc.].
 E. G.: 81°45'—82° (Hammer 1938 p. 26).

Entomobryidae.

35. *Lepidocyrtus cyaneus* Tullb.
 Henr. & Lundb. p. 736 (*Lepidocyrtus cyaneus*).
 W. G.: Utorqait in Amerdloq 67° (Brown 1937 p. 519, Carpenter 1938 p. 532). — [61°13'].
 E. G.: ÷
36. *Lepidocyrtus lanuginosus* Gmel.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 72°50' (Hammer 1938 p. 28).

Sminthuridae.

37. *Sminthurides malmgreni* Tullb.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 65°35'—74°05' (Hammer 1938 p. 28).
38. *Arrhopalites pygmaeus* Wankel.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 60°30'—72°50' (Hammer 1938 p. 28).
39. *Sminthurinus niger* Lubbock.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: 70°40' (Hammer 1938 p. 29).
40. *Sminthurinus concolor* Mein.
 Henr. & Lundb. p. 736 (*Sminthurus concolor*).
 W. G.: [62°].
 E. G.: 65°35'—74°05' (Hammer 1938 p. 30). — [70°25'].
41. *Sminthurus viridis* L.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: c. 70°40' (Hammer 1938 p. 30).

Saltatoria.**Tettigoniidae.**

1. *Tachycines asynamorus* Adel.
 Henr. & Lundb. ÷
 W. G.: Ivigtût 61°13', in a winter garden, July 1938, Poul M. Hansen (Z. M.).
 E. G.: ÷

Dermaptera.**Forficulidae.**1. *Forficula auricularia* L.

Henr. & Lundb. p. 708 (*Forficula auricularia*).

W. G.: Base of Nûgssuaq peninsula at Vaigat, c. 70°, 4.9.13, F. Jørgensen leg. (Z. M.) — [Godhavn 69°15'].

E. G.: ÷

Blattoidea.**Blattidae.**1. *Blatta orientalis* L.

Henr. & Lundb. ÷

W. G.: Godhavn 69°15', 1924, in a Danish house, M. P. Porsild leg. (Z. M.).

E. G.: ÷

Blattidae sp. indet.

W. G.: [70°40'—Henr. & Lundb. p. 708; a larva].

Copeognatha.**Atropidae.**1. *Atropos pulsatoria* L.

Henr. & Lundb. p. 707 (*Atropos pulsatoria*).

W. G.: [60°43'].

E. G.: ÷

Troctidae.2. *Troctes divinatorius* Müll.

Henr. & Lundb. p. 707 (*Troctes divinatorius*).

W. G.: [without loc.].

E. G.: ÷

Mallophaga.**Liotheidae.**1. *Menopon grandiceps* Piag.

Henr. & Lundb. p. 709 (*Menopon grandiceps*).

W. G.: [68°49', on *Xema sabini*].

E. G.: ÷

2. *Menopon lutescens* Nitzsch.

Henr. & Lundb. ÷

W. G.: Thule 76°30', 14.6.14, on *Calidris canutus* subsp. *rufus*, P. Freuchen leg. (Z. M.).

E. G.: ÷

Menopon sp. indet.

W. G.: [70°25', on *Lagopus mutus* — *Henr. & Lundb.* p. 709].

3. *Ancistrona gigas* Piag.

Henr. & Lundb. p. 709 (*Ancistrona gigas*).

W. G.: [Qáqardluk in Davisstrædet c. 66°, on *Fulmarus glacialis*].

E. G.: ÷

4. *Colpocephalum subaequale* Nitzsch.

Henr. & Lundb. p. 710 (*Colpocephalum subaequale*).

W. G.: Thule 76°36', 28.10.14, on *Corvus corax*, *P. Freuchen leg.* (Z. M.). — [60°43', on *Corvus corax*].

E. G.: ÷

5. *Colpocephalum grandiceps* Piag.

Henr. & Lundb. p. 710 (*Colpocephalum grandiceps*).

W. G.: [67°25', on *Tringa* (*Arquatella*) *maritima*].

E. G.: ÷

Colpocephalum sp. indet.

W. G.: [81°44', on *Arenaria interpres* — *Henr. & Lundb.* p. 710].

6. *Trinoton conspurcatum* Nitzsch.

Henr. & Lundb. p. 710 (*Trinoton conspurcatum*).

W. G.: ÷

E. G.: [70°15', on *Anser albifrons*].

7. *Physostomum* ? *nitidissimum* Nitzsch.

Henr. & Lundb. p. 711 (*Physostomum* ? *nitidissimum*).

W. G.: ÷

E. G.: [? 70°27', on *Plectrophenax nivalis*].

Trichodectidae.8. *Trichodectes latus* Nitzsch.

Henr. & Lundb. p. 711 (*Trichodectes latus*).

W. G.: [66°56', on *Canis familiaris*].

E. G.: ÷

Trichodectes sp. indet.

W. G.: [70°25', on *Phoca hispida* — *Henr. & Lundb.* p. 712].

Philopteridae.9. *Lipeurus grandis* Piag.

Henr. & Lundb. p. 712 (*Lipeurus grandis*).

W. G.: [68°40', 69°44', on *Fulmarus glacialis* and ?*Stercorarius parasiticus*].

E. W.: ÷

10. *Lipeurus squalidus* Nitzsch.

Henr. & Lundb. p. 712 (*Lipeurus squalidus*).

- W. G.: [61°35', 68°45', on *Brenta bernicla* subsp. hróta].
E. W.: ÷
11. *Lipeurus lacteus* Nitzsch.
Henr. & Lundb. p. 713 (*Lipeurus lacteus*).
W. G.: [60°55', on *Larus hyperboreus*].
E. W.: ÷
12. *Lipeurus jejunus* Nitzsch.
Henr. & Lundb. p. 713 (*Lipeurus jejunus*).
W. G.: [66°56', on *Somateria mollissima*].
E. G.: [70°15', on *Anser albifrons*].
13. *Lagopoecus protervus* Kell.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: Jameson Land 71° on *Lagopus* sp. (Peters 1934 p. 174).
14. *Ornithobius klinckowströmi* Mjöberg.
Henr. & Lundb. p. 713 (*Ornithobius Klinckowströmi*).
W. G.: [without loc. on *Branta leucopsis*].
E. G.: [70°15'—74°15', on *Branta leucopsis*].
15. *Goniodes truncatus* Gieb.
Henr. & Lundb. p. 714 (*Goniodes truncatus*).
W. G.: [62°40', on *Sterna macrura*].
E. G.: ÷
16. *Goniodes chelicornis* Nitzsch.
Henr. & Lundb. p. 714 (*Goniodes chelicornis*).
W. G.: [60°43', 68°37', on *Lagopus mutus*].
E. G.: ÷
17. *Goniodes ? heteroceros* Nitzsch.
Henr. & Lundb. p. 714 (*Goniodes ? heteroceros*).
W. G.: [70°25', on *Lagopus mutus*].
E. G.: ÷
18. *Docophorus celebrachys* Nitzsch.
Henr. & Lundb. p. 715 (*Docophorus celebrachys*).
W. G.: [69°15', on *Nyctea nyctea*].
E. G.: ÷
19. *Docophorus atratus* Nitzsch.
Henr. & Lundb. p. 715 (*Docophorus atratus*).
W. G.: [60°43', 70°25', on *Corvus corax*].
E. G.: [70°27', on *Corvus corax*].
20. *Docophorus communis* Nitzsch.
Henr. & Lundb. p. 716 (*Docophorus communis*).
W. G.: [66°56', on *Plectrophenax nivalis*].
E. G.: [70°27', on *Plectrophenax nivalis*].

21. *Docophorus fusiformis* Denny.
 Henr. & Lundb. p. 716 (*Docophorus fusiformis*).
 W. G.: [without loc., on *Tringa* (*Arquatella*) *maritima*].
 E. G.: ÷
22. *Docophorus pustulosus* Nitzsch.
 Henr. & Lundb. p. 716 (*Docophorus pustulosus*).
 W. G.: [68°40', on *Stercorarius* ?*parasitica*].
 E. G.: [71°50', on *Stercorarius longicauda*].
23. *Docophorus melanocephalus* Nitzsch.
 Henr. & Lundb. p. 717 (*Docophorus melanocephalus*).
 W. G.: [68°36', on *Sterna macrura*].
 E. G.: [70°15', on *Sterna macrura*].
24. *Docophorus lari* O. Fabr.
 Henr. & Lundb. p. 717 (*Docophorus lari*).
 W. G.: [60°55'—70°25', on *Rissa tridactylus*, *Xema sabini*, *Larus leucopterus*, *L. hyperboreus*].
 E. G.: ÷
25. *Docophorus celedoxus* Nitzsch.
 Henr. & Lundb. p. 718 (*Docophorus celedoxus*).
 W. G.: Thule 76°30', 15.7.16, paa *Cepphus grylle*, P. Freuchen leg. (Z. M.). — [c. 61°, on *Cepphus grylle* subsp. *mandtii*].
 E. G.: ÷
26. *Docophorus icterodes* Nitzsch.
 Henr. & Lundb. p. 718 (*Docophorus icterodes*).
 W. G.: [66°56', on *Somateria mollissima*].
 E. G.: [70°15', on *Anser albifrons*].
27. *Docophorus merguli* Denny.
 Henr. & Lundb. p. 719 (*Docophorus merguli*).
 W. G.: ÷
 E. G.: [Grønlandshavet, on *Alle alle*].
28. *Docophorus arcticus* Mjöberg.
 Henr. & Lundb. p. 719 (*Docophorus arcticus*).
 W. G.: ÷
 E. G.: [74°40', on *Tringa* sp. (?*maritima*)].
29. *Docophorus brunneopygus* Mjöberg.
 Henr. & Lundb. p. 719 (*Docophorus brunneopygus*).
 W. G.: ÷
 E. G.: [74°15', on *Branta leucopsis*].
30. *Nirmus brachythorax* Gieb.
 Henr. & Lundb. p. 719 (*Nirmus brachythorax*).
 W. G.: [66°56', on *Acanthis linaria*].
 E. G.: ÷

31. *Nirmus cameratus* Nitzsch.
 Henr. & Lundb. p. 720 (*Nirmus cameratus*).
 W. G.: [60°43', 67°25', on *Lagopus mutus*].
 E. G.: [70°27', on *Arenaria interpres*].
32. *Nirmus quadrulatus* Nitzsch.
 Henr. & Lundb. p. 720 (*Nirmus quadrulatus*).
 W. G.: ÷
 E. G.: [74°40', on *Lagopus* sp.].
33. *Nirmus holophaeus* Nitzsch.
 Henr. & Lundb. p. 720 (*Nirmus holophaeus*).
 W. G.: [without loc., on *Arenaria interpres*].
 E. G.: ÷
34. *Nirmus subcingulatus* Nitzsch.
 Henr. & Lundb. p. 721 (*Nirmus subcingulatus*).
 W. G.: [without loc., on *Arenaria interpres*].
 E. G.: ÷
35. *Nirmus interruptus* Piag.
 Henr. & Lundb. p. 721 (*Nirmus interruptus*).
 W. G.: [without loc., on *Lobipes lobatus*].
 E. G.: ÷
36. *Nirmus phaeopi* Denny.
 Henr. & Lundb. p. 721 (*Nirmus phaeopi*).
 W. G.: ÷
 E. G.: [ca. 71°, on *Tringa* sp.].
37. *Nirmus bicuspis* Giebel.
 Henr. & Lundb. p. 722 (*Nirmus bicuspis*).
 W. G.: [67°25', on *Charadrius hiaticula*].
 E. G.: ÷
38. *Nirmus* ? *zonarius* Nitzsch.
 Henr. & Lundb. p. 722 (*Nirmus* ? *zonarius*).
 W. G.: [67°25', on *Tringa* (*Arquatella*) *maritima*].
 E. G.: ÷
39. *Nirmus triangulatus* Nitzsch.
 Henr. & Lundb. p. 722 (*Nirmus triangulatus*).
 W. G.: [68°40', on *Stercorarius* ? *parasitica*].
 E. G.: ÷
40. *Nirmus lineolatus* Nitzsch.
 Henr. & Lundb. p. 723 (*Nirmus lineolatus*).
 W. G.: [70°25', on *Larus leucopterus*].
 E. G.: ÷
41. *Nirmus cingulatus* Nitzsch.
 Henr. & Lundb. p. 723 (*Nirmus cingulatus*).

W. G.: ÷

E. G.: [ca. 70°40', on *Crocetia alba*].

42. *Nirmus hiaticulae* Denny.

Henr. & Lundb. p. 723 (*Nirmus hiaticulae*).

W. G.: ÷

E. G.: [74°25', on *Charadrius hiaticula*].

Anoplura.

Pediculidae.

1. *Pediculus humanus* L.

Henr. & Lundb. p. 724 (*Pediculus capitis* + *Pediculus corporis*).

W. G.: Peabody Bugt, c. 79°30', 21.4.17, "on our companions", Th. Wulff leg. (Z. M.).—[Common on the eskimoes along the entire coast].

E. G.: Kap Stewart 70°25', on the eskimoes (Remy 1928 a p. 51, 1928 b p. 88). As the first eskimoes, who settled down in Scoresby Sund in 1925, came from Angmagssalik (65°35'), the find also demonstrates the occurrence of lice on the eskimoes in this latter place.

2. *Phthirus pubis* L.

Henr. & Lundb. p. 726 (*Phthirus pubis*).

W. G.: [61°10', Nordgr.; on *Homo*].

E. G.: ÷

3. *Linognathus setosus* Olf. (Fahrenheit det.).

Henr. & Lundb. p. 726 (*Linognathus pilifer*).

W. G.: Kap York 75°55', 20.2.12, on *Alopex lagopus*, P. Freuchen leg. (Z. M.).—[? 61°13', on *Alopex lagopus*].

E. G.: Scoresby Sund 70°25', 1927, on *Alopex lagopus*, A. Rosenkrantz leg. (Z. M.).

Echinophthiriidae.

4. *Echinophthirius horridus* Olfers. (Fahrenheit det.).

Henr. & Lundb. p. 727 (*Echinophthirius sericans* + *E. phocae*).

W. G.: Julianehaab 60°43', 2.4.01, on *Phoca hispida*, G. Meldorf leg. (Z. M.). Ibid., 8.4.01, on *Phoca groenlandica*, G. Meldorf leg. (Z. M.). Ibid., 30.3.01, on *Cystophora cristata*, G. Meldorf leg. (Z. M.). Ibid., 28.7.02, on *Phoca hispida*, Pastor P. H. Sørensen leg. (Z. M.). Ibid., 28.2.03, on *Phoca hispida*, G. Meldorf leg. (Z. M.). Godhavn 69°15', 1860, on *Phoca hispida* and *groenlandica*, Olrik leg. (Z. M.). Ũmánaq 70°40', 1860, on a young *Phoca* sp., Fleischer leg. (Z. M.). Saunder's Ø 76°30', 9.6.15, on a young *Phoca* ("to be found in numbers only on the young which have missed their mother and are nearly starving"), P. Freuchen leg. (Z. M.).—[61°30' and 69°44', on *Phoca groenlandica*; without loc., on *Erignathus barbatus*].

E. G.: ÷

5. *Antarctophthirius trichechi* Boh.

Henr. & Lundb. p. 728 (*Antarctophthirius trichechi*).

W. G.: Saunder's Ø 76°30', 15.8.15, on *Odobenus rosmarus*, "sitting in numbers in the deep skin pockets of the whalrus", P. Freuchen leg. (Z. M.).

E. G.: [76°46', on *Odobenus rosmarus*].

Ephemerida.**Baetidae.**1. *Baetis tenax* Eaton.

Henr. & Lundb. p. 706 (*Baetis tenax*).

W. G.: [without loc.].—The Oxford Expedition 1928 caught at Qugssuk 64°45' a subimago, belonging to the genus *Baetis*; Mosely (1929 p. 507) considers it "undeterminable as to species in the absence of the male imago". It is most probable that it, too, belongs to *tenax*, as this species was caught in West Greenland, and not in East Greenland, as Mosely—erroneously—writes.

E. G.: ÷

Odonata.**Calopterygidae.**

Species, the Greenland record of which must be considered doubtful or erroneous:

Calopteryx virgo L. (O. Fabricius Fn. groenl. 1780 p. 196).—cf. Henr. & Lundb. p. 706).

Thysanoptera.

(cf. W. Richter: Die Thysanopteren des arktischen Gebietes. 1928.)

Thripidae.1. *Aptinothrips nitidulus* Hal.

Henr. & Lundb. p. 708 (*Physopus vulgatissimus* pars).

The Greenland form of this species has been called *f. groenlandica* by Richter (Richter l. c.).

W. G.: Qagssiarssuk in Igaliko Fjord c. 60°50' (Richter 1928 p. 850).

E. G.: ÷

2. *Anaphothrips (Hemianaphothrips) postumus* Richter.

Henr. & Lundb. p. 708 (*Physopus vulgatissimus* pars).

W. G.: Qagssiarssuk c. 60°50' and Christianshaab 68°49' (Richter 1928 p. 850).

E. G.: ÷

3. *Anaphothrips lundbecki* Richter.

Henr. & Lundb. p. 708 (*Physopus vulgatissimus* pars).

W. G.: Qagssiarssuk c. 60°50' (Richter 1928 p. 850).

E. G.: ÷

4. *Anaphothrips secticornis* Tryb.

Henr. & Lundb. p. 708 (Physopus vulgatissimus pars).

W. G.: Qagssiarssuk c. 60°50' (Richter 1928 p. 850, 841).

E. G.: ÷

5. *Taeniothrips inconsequens* Uzel.

Henr. & Lundb. p. 708 (Physopus vulgatissimus pars).

W. G.: Musartût 61°, Arsuk 61°10', Ivigtût 61°13' (Richter 1928 p. 850).

E. G.: Gaase Fjord 70°10', Gaase Land 70°15' and Røde Ø 70°30' (Richter 1928 p. 850).—From Jameson Land c. 70°40' Lack (1924 p. 603) mentions a "Physothrips sp. either vulgatissimus (Halid.) or very allied", which surely belongs to the present species, the sole one recorded from East Greenland.

Hemiptera-Heteroptera.

Lygaeidae.

1. *Nysius groenlandicus* Zett.

Henr. & Lundb. p. 729 (*Nysius groenlandicus*).

W. G.: Qugssuk 64°45' (China 1934 p. 330). Utorqait in Amerdlog and Camp Lloyd in Kangerdlugssuaq 67° (Carpenter 1938, p. 532). Godhavn 69°15', 17.9.27, Fr. Johansen (Z. M.). Nuliarfik on Karrats Ø 71°30', 29.7.32, R. Bøgvad (Z. M.). Tasiussaq near Upernavik 73°20', Aug. 1931, Fr. Johansen (Z. M.).—[59°55'—70°25'].

E. G.: East Ikerasak, W. of Igdlut 59°50', 23.7.32, R. Bøgvad (Z. M.). Augpilagtoq 60°15', 7.7.32, R. Bøgvad (Z. M.). N. of Tiningnertôq 60°25', 13.9.22, R. Bøgvad (Z. M.). Storøen i Danells Fjord 60°50', 1.9.32, R. Bøgvad (Z. M.). Kap Tordenskjold 61°25', 17.8.32, R. Bøgvad (Z. M.). Skjoldunge Ø 63°15', 30.7.32, R. Bøgvad (Z. M.). Angmagssalik 65°35', 26.7.33, Marie Jørgensen (Z. M.). Atingat 65°50', 3.8.33 and 9.8.33, R. Bøgvad leg. (Z. M.). Ikerasaussaq 65°55', 13—14.8.33, Marie Jørgensen (Z. M.). Angmagssivikfjældet 65°58', 23.7.33, Marie Jørgensen (Z. M.). Pikiudtleq 66°, 25.7.33, R. Bøgvad (Z. M.). Ravns Fjord 68°30' (Henriksen 1935 p. 8). Jameson Land c. 70°40' (China 1934 p. 330). Ibid. (Lack 1934 p. 603). Antarctic Havn i Kong Oscars Fjord 72° and Vega Sund 72°40' (Lindberg 1935 p. 11). Narhvalsund 72°45', 20.7.34, F. Søgaard Andersen (Z. M.). Kap Alfred 72°50', 5.8.34, F. Søgaard Andersen (Z. M.). Ella Ø 72°55', 1.8.33, 9.8.33, 13.8.33, and 21.6.34, F. Søgaard Andersen (Z. M.). Ella Ø 72°55', Kjerulfjord 73°05', Ymers Ø 73°15' and Dusénfjord 73°15' (Lindberg l. c.). Haredalen in Is-Fjord 73°15', 9.8.32, R. Spærck (Z. M.). Nord-Fjord 73°40', 29.7.32, J. Brænde-

gaard (Z. M.). Kap Stosch 74°, 19—20.7.32, and 23.7.32, Holger Madsen (Z. M.). Kap Stosch river 74°, 22.7.32, Holger Madsen (Z. M.).—[76°46′].

Nabidae.

2. *Nabis flavomarginatus* Schltz.

Henr. & Lundb. p. 730 (*Reduviolus flavomarginatus*).

W. G.: [60°43′—61°].

E. G.: ÷

Cimicidae.

3. *Cimex lectularius* L.

Henr. & Lundb. p. 731 (*Cimex lectularius*).

W. G.: At Holsteinsborg 66°56′ the bed-bug has been a well-known pest through many years, e. g. mentioned by Henr. & Lundb. 1917. The eskimo houses have in recent years been so heavily infested, that in 1935 a careful inspection must be made; of a total of 71 houses, 23 proved to be infested; these 23 houses became temporarily evacuated by their inhabitants, and thoroughly cleaned and sulphured at public expense (Communicated by Prof. Ad. S. Jensen).

E. G.: ÷

Capsidae.

4. *Chlamydatus pulicarius* Fall.

Henr. & Lundb. p. 730 (*Chlamydatus pulicarius*).

W. G.: Qugssuk 64°45′ (China 1934 p. 331). Utorqait in Amerdlog 67° (Carpenter 1938 p. 532).—[59°55′—68°49′].

E. G.: Jameson Land c. 70°40′ (China 1934 p. 331). Ibid. (Lack 1934 p. 603). Ella Ø 72°55′, 25.8.33, F. Søgaaard Andersen (Z. M.). Nord Fjord 73°40′, 1.8.32, J. Brændegaard (Z. M.).—[70°30′—76°46′].

5. *Chlamydatus pullus* Reut.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Hoelsbu, Moskusokse Fjord 73°40′ (Lindberg 1935 p. 17).

Hemiptera-Homoptera.

Jassidae.

1. *Deltocephalus lividellus* Zett.

Henr. & Lundb. p. 731 (*Deltocephalus lividellus*).

W. G.: Qugssuk 64°45′ (China 1934 p. 332). Utorqait in Amerdlog 67° (Carpenter 1938 p. 532).—[60°43′—c. 62°].

E. G.: Augpilagtoq 60°15′, 7.7.32, R. Bøgvad (Z. M.).

Psyllidae.

2. *Psylla alni* L.
 Henr. & Lundb. p. 733 (*Psylla alni*).
 W. G.: [61°13'].
 E. G.: ÷
3. *Psylla* ? *ambigua* Frst.
 Henr. & Lundb. p. 732 (*Psylla* ? *ambigua*).
 W. G.: [60°55—70°45'].
 E. G.: ÷
4. *Psylla* sp. (*dudai* Sulc, *salicicola*, *saliceti* or allied).
 Henr. & Lund. ÷
 W. G.: Holsteinsborg 66°56' (Carpenter 1938 p. 532).
 E. G.: ÷

Aphididae.

5. *Myzocallis minimus* V. d. G.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 533—"It has turned up in material collected there from time to time").
 E. G.: ÷
6. *Pterocomma populeus* Kalt.
 Henr. & Lundb. p. 534 (*Cladobius populeus*).
 W. G.: [70°40'].
 E. G.: ÷
7. *Melanoxantherium* sp.
 No European species, but certainly allied to *M. media* Baker from Connecticut.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Dalton 69°24' (Lack 1934 p. 603).
8. *Aphis punctipennis* Zett.
 Henr. & Lundb. p. 733 (*Aphis punctipennis*).
 W. G.: [70°25'].
 E. G.: ÷
9. *Aphis* sp. (on *Epilobium*).
 Henr. & Lundb. p. 733 (*Aphis* sp.).
 W. G.: ÷
 E. G.: [76°46'].
10. *Myzus* sp. (*convolvuli*-group).
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 533).
 E. G.: ÷

11. *Tychea groenlandica* Rübs.

Henr. & Lundb. p. 734 (*Tychea groenlandica*).

W. G.: Camp Lloyd in Søndre Strømfjord 67° (Carpenter 1938 p. 533).—[70°45′].

E. G.: ÷

Aphididae spp. indet.

E. G.: Kùtsit Fjord 60°40′, 2.9.32, R. Bøgvad (Z. M.). Tingmiarmiut 62° 35′, 7.7.32, R. Bøgvad (Z. M.). Angmagssalik 65°35′, 20.7.33, R. Bøgvad (Z. M.). Ibid. (Hammer 1937 p. 14, 16, 20, 22, 28). Atingat 65°50′, 9.8.33 and 14.8.33, on *Salix* roots, R. Bøgvad (Z. M.). Tasiussaq N. of Kap Gustav Holm 66°35′, 11—13.8.33, R. Bøgvad (Z. M.). Mikis Fjord 68°05′, 5.8.32, M. Degerbøl (Z. M.).

Coccidae.

12. *Orthezia cataphracta* Olafs.

Henr. & Lund. p. 734 (*Orthezia cataphracta*).

W. G.: Ameralik-Fjord c. 64°05′, 16.8.31, C. Løfting (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1938 p. 533).—[59°55′—69°40′].

E. G.: Qáqarssuaq Sund 60°05′, 1.10.32, R. Bøgvad (Z. M.). W. of Aluk 60°08′, 18.9.32, R. Bøgvad (Z. M.). Augpilagtoq 60°15′, 7.7.32, R. Bøgvad (Z. M.). N. of Augpilagtoq c. 60°15′, 24.9.32, R. Bøgvad (Z. M.). Tiningnertôq 60°25′, 14.9.32, R. Bøgvad (Z. M.). N. of the estuary at Tiningnertôq 60°25′, 13.9.32, R. Bøgvad (Z. M.). Narssaq in Lindenows Fjord 60°30′, 9.9.32, R. Bøgvad (Z. M.). Auerqat 61°15′, 12.7.32, R. Bøgvad (Z. M.). Tingmiarmiut 62°35′, 17.7.32, R. Bøgvad (Z. M.). Angmagssalik 65°35′, 26.7.33, 9.8.32 and 3.10.33, R. Bøgvad (Z. M.). Angmagssivikfjældet 65°58′, 23.7.33, Marie Jørgensen (Z. M.). Mikis Fjord 68°05′, 5.8.32, M. Degerbøl (Z. M.). Ibid., 26.8.33, Marie Jørgensen (Z. M.). Ravns Fjord 68°30′ (Henriksen 1935 p. 8).—[60°19′—70°15′].

13. *Pulvinaria* sp.

Henr. & Lundb. p. 735 (*Coccus* sp.).

W. G.: [70°25′].

E. G.: Traill Ø c. 72°40′, 12.6.32, on *Salix*-roots, G. Thorson (Z.M.) —[Without loc.]

14. *Phenacoccus venustus* Green.

Henr. & Lundb. ÷

W. G.: Camp Lloyd in Søndre Strømfjord 67° (Carpenter 1938 p. 533).

E. G.: ÷

Pseudococcinae spp. indet.

E. G.: Traill Ø c. 72°40′ (Jørgensen 1934 p. 30), Ella Ø 72°55′ (ibid. p. 10, 12, 13, 15, 16, 17, 19, 20, 22, 24, 25), Suess Land c. 73° (ibid. p. 29), Nord Fjord 73°40′ (ibid. p. 32).

Neuroptera.**Hemerobiidae.**

1. *Hemerobius simulans* Wlk.
 Henr. & Lundb. p. 702 (*Hemerobius orotypus*).
 W. G.: [64°10'].
 E. G.: ÷
2. *Hemerobius* ? *perelegans* Steph.
 Henr. & Lundb. ÷
 W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 534).
 E. G.: ÷
3. *Boriomya betulina* Ström.
 Henr. & Lundb. p. 702 (*Hemerobius nervosus*).
 W. G.: Qugssuk and Majuala 64°45' (Carpenter 1938 p. 534). Søndre Isortoq 65°35', July 1932, N. L. Nielsen (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1938 p. 534).—[60°43'—70°25'].
 E. G.: ÷

Trichoptera.**Limnophilidae.**

1. *Grammotaulius interrogationis* Zett.
 Henr. & Lundb. p. 703 (*Grammotaulius interrogationis*).
 W. G.: Julianehaab 60°43', July 1902, G. Meldorf (Z. M.). Qugssuk 64°45' (Mosely 1929 p. 507—08). 1 specimen without loc., ex coll. Westermann (Z. M.), another ex. coll. Kløcker, now in coll. Esben-Petersen.—Besides, only the type specimen [without loc.] known.
 E. G.: ÷
 Remark: Mosely refers his specimen, a female, to *G. sibiricus* McLachl., but notes the possibility that this female does not belong to the real *sibiricus* McLachl., but might be a female *interrogationis*. The specimen from Julianehaab, kept in the Zool. Museum of Copenhagen, is a female belonging to the same species as Mosely's. Thus only female "sibiricus" and male "interrogationis" are known from Greenland, and no doubt all specimens therefore belong to one species, i. e. *interrogationis* Zett.
2. *Limnophilus ornatus* Bks.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Mosely 1929 p. 505 "L. elegans"; 1932 p. 573). Taserssuaq lake at Holsteinsborg c. 67° (Forsslund 1932 p. 57). Utorqait in Amerdloq 67° (Carpenter 1938 p. 534).
 E. G.: ÷
3. *Limnophilus griseus* L.
 Henr. & Lundb. p. 703 (*Limnophilus griseus*).

W. G.: Qugssuk 64°45' (Mosely 1929 p. 507). Without loc., ex coll. Kløcker, now in coll. Esben-Petersen.—[60°43'—61°35'].

E. G.: Angmagssalik 65°35', 30.6.20, C. Kruuse (Z. M.). Ikerassausaq 65°55', 30.7.—4.8.33, Marie Jørgensen (Z. M.).

4. *Limnophilus moestus* Bks.

Henr. & Lundb. p. 704 (*Limnophilus nebulosus*).

A revision of the material kept in Zool. Museum Copenhagen and recorded in previous Danish insect-lists as *L. nebulosus* resulted in the fact that it all belongs to *moestus* Bks. Also *L. hingstoni* Mos., described by Mosely (1929 p. 504) on material from Qugssuk, belongs to this species, as stated by Forsslund (1932 p. 56) and Mosely himself (1932 p. 573).

W. G.: Julianehaab 60°43' (Forsslund 1932 p. 56). Qugssuk 64°45' (Mosely 1929 p. 504, "L. hingstoni"). Søndre Isortoq 65°35', July 1932, N. L. Nielsen (Z. M.).—[60°49'—61°35'].

E. G.: ÷

5. *Limnophilus fenestratus* Zett.

Henr. & Lundb. ÷

W. G.: Igaliko-Fjord 60°49' (Forsslund 1932 p. 57). Qugssuk 64°45' (Mosely 1929 p. 505, "L. miser").

E. G.: Kipisarqo 60°, 10.7.32, R. Bøgvad (Z. M.). Storøen i Danells Fjord 60°50', 1.9.32, R. Bøgvad (Z. M.). Ikerassausaq 65°55', 10.—14.8.33, Marie Jørgensen (Z. M.).

Limnophilus spp. indet. (larvae).

W. G.: Julianehaab 60°43', Okt. 1931, Fr. Johansen (Z. M.). Akuliarigsoq in Bredefjord 60°50', K. Stephensen (Z. M.). Kapisigdlit 64°25', 20.8.31, C. Løfting (Z. M.). Søndre Isortoq 65°35', July 1932, N. L. Nielsen (Z. M.). Kuánerssuit in Discofjord 69°25' in a warm spring (3.5°; the air temp. below zero), 1.5.18, M. P. Porsild (Z. M.).

E. G.: Augpilagtoq 60°15', 24.9.32, R. Bøgvad (Z. M.). Narssaq, Lindenows Fjord 60°30', 9.9.32, R. Bøgvad (Z. M.). Angmagssalik 65°35', 3.10.33, R. Bøgvad (Z. M.).

6. *Halesus* ? *radiatus* Curt.

Henr. & Lundb. p. 703 (*Halesus* ? *radiatus*).

W. G.: [larvae: 59°55'—62°].

E. G.: ÷

7. *Apatelia zonella* Zett.

Henr. & Lundb. p. 704 (*Apatania arctica*).

Kolbe (Drygalski Exped. II p. 158) mentions (from Qarajaq) only the new species *groenlandica* Kolbe (described by him in Deut. Ent. Zeit. 1912 p. 41), but not *zonella*. Kolbe considers *zonella* to be the Spitzbergen form, while only *groenlandica* should be present in Greenland. A comparison of the *Apatelia*-material present in the Zool. Museum of Copenhagen with the rather short description of *groenlandica* Kolbe

however shows, that this whole material are true *zonella*-specimens. Therefore I believe that *groenlandica* is only a form of *zonella* Zett., the shape of the abdominal apex of which is, it is true, rather varying; this is also the view of Forsslund (1932 p. 57).

W. G.: Qugssuk 64°45' (Mosely 1929 p. 507). Utorqait in Amerdloq 67° (Carpenter 1938 p. 534). Godhavn, Disco 69°15', larvae beneath stones in the brook, M. P. Porsild (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).—[60°43'—70°25'].

E. G.: Kap Rantzau 61°45', 17.8.32, R. Bøgvad (Z. M.). Angmagssalik 65°35' (Henriksen 1935 p. 5). Atingat 65°50', 14.8.33, a larva, Marie Jørgensen (Z. M.). Liverpool Land c. 70°40' (Lack 1934 p. 603). Ella Ø 72°55' 17.—19.7.34, F. Søgaard Andersen (Z. M.). Clavering Ø 74°15', 26.7.32, Alwin Pedersen (Z. M.). Rovmaageø 76°46' 26.7.25, Alwin Pedersen (Z. M.)—[69°50'—76°46'].

Species the Greenland records of which must be considered doubtful or erroneous:

Limnophilus rhombicus L. Under the name *Phryganea rhombica* Otto Fabricius (Fn. Groenlandica 1780 p. 196) gives the diagnosis and description of a West Greenland caddis-fly, calling it "non infrequens" and mentioning that it has got a Greenland name ("Sullernik"). The true *L. rhombicus* L. was never brought home from Greenland by any collector or expedition; Dr. Esben-Petersen however believes (Mosely 1929 p. 507, note) that Fabricius determined his species correctly. As however "rhombicus" is the sole caddis-fly mentioned by Fabricius, and as furthermore the two most common species nowadays (viz. *griseus* and *moestus*) also show some trace of a rhombiform spot on the wing, it is more probable that "rhombicus" in Fabricius' work cannot be used as an argument for the presence of the true *rhombicus*, since it is only transcribed from Linné's Fn. Suecica, and Fabricius' remark, that thorax is not sanguineus, but subfuscus (like the rest of the body), also militates against the interpretation as *rhombicus* L.

Limnophilus planifrons Kol. This species described by Kolenati (Gen. Spec. Trich. 1851) was based on material from "Greenland" i. e. West Greenland, but it has never been refound. Surely it is identic with one (or more) of the species of *Limnophilus*, really known to occur there.

Lepidoptera.

Pieridae.

1. *Colias hecla* Lef.

Henr. & Lundb. p. 670 (*Colias hecla*).

No doubt *Colias palaeno*, recorded by Jameson & Wilson (Scoresby Journ. Voy. 1823 p. 423), also belongs to this species.

W. G.: Lichtenau Fjord 60°30', July 1924, the only time it has been found so far south, A. Lynge leg. (Z. M.). Godthaab 64°10', 1907, ex coll. Kløcker (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1938 p. 536).

Godhavn 69°15' (Strand 1905 p. 8). Navdluarssuk 69°10', Jakobshavn 69°13', Ikerasak 69°50', Ujaragssugssuk 69°50', Nùssaq 70°30', Nùgssuaq c. 70°40', Ũmánaq 70°40' and Ubekjendt Eiland 71°20' (Rebel 1907 p. (28)). Upernavik 72°45', 1931, Fr. Johansen (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532). Karnaq at Etah 77°50' (Carpenter 1937 p. 406).—[68°10'—81°30'].

E. G.: Kap Daussy at Søkongens Bugt 68°42' (Henriksen 1935 p. 5). Kap Stewart 70°25' (Remy 1928 b p. 93). Kap Hope 70°25', 20—21.7.28 and 25—30.8.28, Alwin Pedersen (Z. M.). Jameson Land c. 70°40' (Lack 1934 p. 604). Ibid. 23—26.7.28, 3.9.28 and 18—19.7.29, Alwin Pedersen (Z. M.). Ibid. 71° (Peters 1934 p. 174). Liverpool Land c. 70°40', 14.7.28, Alwin Pedersen (Z. M.). Loch Fyne 73°50', 28—30.7.30, B. Løppenthin (Z. M.). Clavering Ø 74°15', 26.7.32, Alwin Pedersen (Z. M.). Tyroler Fjord W. of Kap Herschel 74°15' (Rebel 1911 p. (43)). Mainland 72°15', Kap Petersens and Segelsällskapets Fjord 72°25', Ella Ø 72°55', Geographical Society Ø 72°50'—73°05', Ymer Ø: Kap Humboldt and Celsiusberget 73°10', Myggbukta 73°35', Moskusokse Fjord c. 73°45', Kap Stosch 74°05', Clavering Ø 74°15', Revet at Clavering Sund 74°25' (Knaben 1937 p. 10).—[70°25'—76°46'].

Lycaenidae.

2. *Plebeius aquilo* Bdv.

Henr. & Lundb. p. 671 (*Lycaena orbitulus*).

W. G.: [Far North, but without loc.].

E. G.: Jameson Land c. 70°40' (Lack 1934 p. 604). Traill Ø c. 72°40', 12.6.32, G. Thorson (Z. M.). Ella Ø 72°55', 17.8.30, B. Løppenthin (Z. M.). Ibid., 21.8.33, 9.6.34 and 1.7.34, F. Søgaard Andersen (Z. M.). Moskusokse Fjord 73°45', 10.8.30, B. Løppenthin (Z. M.). Mainland 72°15', Kap Petersen 72°25', Röhssfjorden 72°45', Ella Ø 72°55', Geographical Society Ø 72°50'—73°05', Ymer Ø, Kap Humboldt and Celsiusberget 73°10', Myggbukta 73°35', Moskusoksefjorden c. 73°45', Kap Stosch 74°05', Clavering Ø 74°15'—74°25'; Revet at Clavering Sund 74°25', Wollaston Forland 74°25' (Knaben 1937 p. 18).—[70°50'—76°46'].

Satyridae.

Species the Greenland records of which must be considered doubtful or erroneous:

Oeneis balder Boisd. (Boisduval, Icon. Lep. 1843 p. 185).

Oeneis bore Hb. (Boisduval, ibid. p. 194).

As mentioned by Henr. & Lundb. p. 700, the labelling must be wrong.

Nymphalidae.

3. *Brenthis chariclea* Schneid.

Henr. & Lundb. p. 672 (*Argynnis chariclea*).

W. G.: Godthaab 64°10', coll. Kløcker (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1937 p. 403, 407). Godhavn 69°15' (Strand 1905 p. 9). Navdluarssuk 69°10', Ikerasak 69°50', Sarqaq 70°, Nùssaq 70°30', Nùgssuaq c. 70°40', Ûmánaq 70°40', Ubekjendt Eiland 71°20' (Rebel 1907 p. (29)). Upernavik 72°45', 1931, Fr. Johansen (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532). Karnaq 77°50' and Etah 78°20' (Carpenter 1937 p. 406).—[60°49—78°17'].

E. G.: Tasiussaq 65°35', 8.6.02, C. Kruuse (Z. M.). S. of Ûnartog 65°50', 19.7.33, R. Bøgvad (Z. M.). 2nd Fjord in Sermilik 66°05', 23—27.7.33, R. Bøgvad (Z. M.). Isle opposite to Lake Fjord 66°17', 8.8.33, R. Bøgvad (Z. M.). Head of Kangerdlugssuatsiaq 66°18', 2—3.8.33, R. Bøgvad (Z. M.). Kangerdlugssuaq c. 68°05', Mikis Fjord 68°05', Ravns Fjord 68°30', Søkongens Bugt 68°42', d'Aunay Bugt 69°, Henry Land 69°30' (Henriksen 1935 p. 5). Kap Stewart on Jameson Land 70°25' and Amdrups Havn on Liverpool Land 70°25' (Remy 1928 b p. 93). Kap Hope 70°25', 20—21.7.28, Alwin Pedersen (Z. M.). Elvdal, Scoresby Sund 70°25', 16—26.7.25, 15.7.28, 10.7.29, 20—21.7.29, Alwin Pedersen (Z. M.). Jameson Land c. 70°40', 15.7.28, 25—26.7.28, 5—8.9.28, 1.7.29, 8—10.7.29, 18—19.7.29, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 4.7.28, 14—18.7.28, Alwin Pedersen (Z. M.). Jameson Land 71° (Peters 1934 p. 174). Ella Ø 72°55', 17.8.30, B. Løppenthin (Z. M.). Kap Graah on Ymer Ø 73°15', 6.8.29, G. Seidenfaden (Z. M.). Moskusoksefjord 73°45', 5—17.8.30, B. Løppenthin, Loch Fyne 73°50', 30.7.32, J. Brændegaard (Z. M.). Ibid. 27—30.7.30, B. Løppenthin (Z. M.). Knudshoved 73°40', 5.8.30, B. Løppenthin (Z. M.). Kap Stosch 74°, 18—19.7.33, Holger Madsen (Z. M.). Wordie glacier 74°05', 28.7.30, B. Løppenthin (Z. M.). Tyroler Fjord 74°20' (Rebel 1911 p. (43)). Sabine Ø 74°35', 21.7.19, E. Falsø (Z. M.). Hochstetters Forland 75°10', 20.7.33, Alwin Pedersen (Z. M.). Danmarks Havn 76°46', 24—28.7.19, H. L. Jensen (Z. M.). Snenæs 76°46', 3.8.19, H. L. Jensen (Z. M.). Antarctic Havn 72°, Mainland 72°15', Kap Petersens and Segelsällskapet's Fjord 72°25', Traill Ø 72°30', Ella Ø 72°55', Geographical Society Ø 72°50'—73°05', Ymers Ø: Kap Humboldt and Celsiusberget 73°10', Myggbukta 73°35', Moskusoksefjord c. 73°45', Kap Stosch 74°05', Finsch Øer 74°05', Clavering Ø 74°15'—74°25', Revet at Clavering Sund 74°25', Wollaston Forland 74°25' (Knaben 1937 p. 12).—[60°19—76°46'].

4. *Brenthis polaris* Bsd.

Henr. & Lundb. p. 673 (*Argynnis polaris*).

W. G.: Wulffs Land c. 82°, July 1917, P. Freuchen (Z. M.).—[81°20'—81°50'].

E. G.: d'Aunay Bugt 69° (Henriksen 1935 p. 5). Kap Stewart 70°25' (Remy 1928 b p. 94). Elvdal, Scoresby Sund, c. 70°25', 16.7.25, Alwin Pedersen (Z. M.). Kap Hope 70°25', 20—21.7.28, Alwin Pedersen (Z. M.). Jameson Land c. 70°40', 23—26.7.28, 3—8.9.28, 8—18.7.29, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 15.7.28, Alwin Pedersen (Z. M.). Jameson Land 71° (Peters 1934 p. 174). Dusén Fjord 73°15' (Rebel 1911 p. (43)). Moskusokse Fjord 73°45', 10.8.30, B. Løppenthin (Z. M.). Loch Fyne 73°50', 27.7.30, B. Løppenthin (Z. M.). Tyroler Fjord 74°20' (Rebel 1911 p. (43)). Hochstetters Forland 75°10', 20.7.33, Alwin Pedersen (Z. M.). Danmarks Havn 76°46', 24.7.19, H. L. Jensen (Z. M.). Antarctic Havn 72°, Kap Petersens 72°25', Geographical Society Ø 72°50'—73°05', Ymers Ø: Kap Humboldt 73°10', Myggbukta 73°35', Moskusoksefjord c. 73°45', Clavinger Ø 74°25', Kap Herschel 74°15', Wollaston Forland 74°25' (Knaben 1937 p. 16).—[70°10'—76°46'].

Species the Greenland records of which must be considered doubtful or erroneous:

Brenthis dia L. (Jameson & Wilson, Scoresby Journ. Voy. 1823 p. 423).

Brenthis tullia F. (O. Fabricius Fn. Groenl. 1780 p. 192).

Brenthis freija Thbg. (Edwards Bull. U. S. Nat. Mus. 1879 p. 155) are surely identical with one or another of the two species mentioned above.

Lymantriidae.

5. *Byrdia groenlandica* Wocke.

Henr. & Lundb. p. 675 (*Dasychira groenlandica*).

W. G.: Ivigtût 61°13', cand. polyt. Møller (Z. M.). Kangâmiut 65°47', 1918, larvae, Udstedsbestyrer Nielsen (Z. M.). Egedesminde 68°42' and Godhavn 69°15', cocoons (Strand 1905 p. 12). Blæsedal, Godhavn, 530 m., 2.7.96, larvae, L. Kruuse (Z. M.). Skansen, Disco, 69°25', 8.7.21, larva, M. P. Porsild (Z. M.). Upernavik 72°45', 1931, pupae, Fr. Johansen (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45', larva (Longstaff 1936 p. 12). Thule 76°30', 15.5.15', 40 empty egg-shells on a stone, P. Freuchen (Z. M.). Ibid. 30.4.20, larvae, P. Freuchen (Z. M.). Karnaq 77°50' and Etah 78°20' (Carpenter 1937 p. 407). Foulke Fjord 78°17', larvae (Strand 1905 p. 12). Kap Neumayer 83°10', 3.6.17, larvae among *Salix arctica*, Th. Wulff (Z. M.). "Ula-Ulillakysten" c. 83°, 11.7.17, Th. Wulff (Z. M.).—[69°13'—81°30'].

E. G.: Rosenvinges Bugt 70°30', 14.8.25, larvae, Alwin Pedersen (Z. M.). Harefjeld, Scoresby Sund, 70°25', 22.5.27, larvae, A. Rosenkrantz (Z. M.). Hurry Fjord c. 70°40', 22—25.6.25, larvae, Alwin Pedersen (Z. M.). Jameson Land c. 70°40', 20.6.29, larvae, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 30.6.28, Alwin Pedersen (Z. M.). Ibid., July 1928, larvae, Alwin Pedersen (Z. M.). Kongeborgen on Traill Ø c. 72°40', 800 m, 13.6.34, Søgaaard Andersen (Z. M.). Ella Ø 72°55', 19.5.34, 3.6.34,

14—15.6.34, 2.7.34, 5.7.34, larvae, F. Søgaard Andersen & G. Thorson (Z. M.). Kap Humboldt 73°10', 7.6.34 and 16.6.34, larvae, F. Søgaard Andersen (Z. M.). West coast of Ymers Ø 73°15', 19.8.29, pupa, Noe Nygaard (Z. M.). Kap Petersens 72°25', 16.6.34, larvae, F. Søgaard Andersen (Z. M.). Kap Graah 73°15', 1929, pupa, A. Rosenkrantz (Z. M.). Moskusokse Fjord 73°45', 10—13.8.30, larvae, B. Løppenthin (Z. M.). Loch Fyne 73°50', 27—30.7.30, pupae, B. Løppenthin (Z. M.). Kap Stosch 74°, 5.8.30, B. Løppenthin (Z. M.). Wollaston Forland 74°20', 18.7.30, larvae, E. Thiesen (Z. M.). Hochstetters Forland 75°10', 19.6.30, R. Bøgvad (Z. M.). Antarctic Havn 72°, Kap Petersens 72°25', Dickson Fjord 72°55', Moskusoksefjord 73°45' (Knaben 1937 p. 19). Kap Schmelck 81°50', 24.6.12, larva, P. Freuchen (Z. M.)—[70°27'—76°46'].

Arctiidae.

6. *Arctiinae* sp.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Jameson Land c. 70°40', larvae "very possibly *Hyphoraia lapponica* Thunberg, found in Arctic North America" (Lack 1934 p. 605).

Noctuidae.

7. *Euxoa drewseni* Staud.

Henr. & Lundb. p. 677 (*Agrotis* Drewseni).

W. G.: [without loc.].

E. G.: ÷

8. *Euxoa dissona* Möschler.

Henr. & Lundb. p. 678 (*Agrotis islandica*).

This Greenland Noctuid is by many lepidopterists considered to belong to *Euxoa islandica* Staud., f. inst. by Hampson (Cat. Noct. Coll. Brit. Mus. IV 1904), but the common view is that held in Staudinger-Rebel's catalogue 1901, viz. that it is not identic with the Icelandic species *E. islandica* Staud., but a variety of *E. dissona* Möschl.

W. G.: [66°44'—68°49'].

E. G.: Moskusokse Fjord c. 73°45', 13.8.30, B. Løppenthin (Z. M.).

9. *Euxoa westermanni* Staud.

Henr. & Lundb. p. 677 (*Agrotis* Westermanni).

W. G.: [c. 60°49'; without loc.].

E. G.: Mikis Fjord 68°05' (Henriksen 1935 p. 6).

10. *Rhyacia plecta* L.

Henr. & Lundb. ÷

W. G.: 1 specimen, without locality, present in coll. Westermann (Z. M.), possibly wrongly labelled.

E. G.: ÷

11. *Rhyacia quadrangula* Zett.

Henr. & Lundb. p. 676 (*Agrotis quadrangula*).

W. G.: Camp Lloyd in Søndre Strømfjord 67° (Carpenter 1938 p. 537). Ũmánaq 70°40' (Rebel 1907 p. (29)).—[60°43'—69°13'].

E. G.: ÷

12. *Rhyacia occulta* L.

Henr. & Lundb. p. 678 (*Agrotis occulta*).

W. G.: Lichtenau Fjord 60°30', larvae, being a serious pest on cultivated ground; reared July 1930, Poul M. Hansen (Z. M.). Tunugdliarfik Fjord 61°, 5.6.32, many larval skins on grass, Poul M. Hansen (Z. M.). Ivigtût 61°13', summer 1931, R. Bøgvad (Z. M.). Søndre Isortoq 65°35', July 1932, larvae, N. L. Nielsen (Z. M.). Camp Lloyd at the head of Søndre Strømfjord 67° (Carpenter 1938 p. 537).—[60°43'—61°35'].

In 1932 especially the environment of the Godthaab Fjord (c. 64°—64°50') was exposed to a severe attack by the same caterpillar. J. Iversen, who visited the Godthaab Fjord district in June 1932, when already most of the larvae had pupated, gives the following description of the attack:

“Am furchtbarsten war der Angriff in den warmen, an Nordmännerwohnplätzen reichem Talstrecken zwischen dem Ameralik- und dem Godthaabs Fjord. Ende Juni unternahm ich eine 4-tägige Exkursion durch das Gebiet, dessen Vegetation sonst besonders üppig sein muss. Der Eindruck war überwältigend. Alles war öde. Die Weidengebüsche standen als gerippte Reiser, die Zwergbirken waren völlig kahl, nicht nur die saftigen Kräuter, auch die steifsten Gräser und Halbgräser waren gewöhnlich bis unter die Erdoberfläche abgefressen. Viele Zwergsträucher, besonders *Empetrum*, waren abgestorben. Obwohl also Blätter, Blüten und Knospen verschwunden waren, gab es noch eine Menge von verhungerten Larven, welche sich nun mit Moos und Flechten begnügen mussten. Natürlich waren die Larvenangriffe nicht überall so radikal. Der Nordmännerwohnplatz bei Qilaussarfik war ziemlich verschont. Bei Ujaragssuit war bei unserer Ankunft auf dem Tun nicht viel übrig, später im Sommer trat jedoch eine ziemlich umfassende Regeneration statt. Anderorts war noch im August alles kahl.

Auch aus anderen Gegenden von Westgrönland berichtet man von heftigen Larvenangriffen im nämlichen Jahr. Am schlimmsten soll es in Sdr. Strømfjord gewesen sein, wo die Larven nach Aussage der Grönländer in so ungeheuren Mengen vorkamen, dass es mancherorts unmöglich war mit den Kajakken zu landen; der Fuss glitt auf den von Larven übersäten Felsen! Die Grönländer interessierte das Naturphänomen sehr, selbst alte Leute hatten nie etwas ähnliches erlebt” (Iversen 1934 p. 356—57).

In O. Fabricius: *Fn. Groenlandica* 1780 p. 193 is mentioned a similar

attack which took place in 1770 in Angmagssivik 60°35' (in Lichtenau Fjord), when all the grass was destroyed. Fabricius, who saw only the larvae, referred the attack to *Charaeas graminis* L., but most probably it was also in that case *Rhyacia occulta*.

In two bogs viz. at Ujaragssuit at the head of Godthaabs Fjord 64°50', and at Umiviarsssuk at the head of Ameralik Fjord c. 64°15', Dr. Iversen discovered in the peat an entire layer consisting of Noctuid pupae, which, too, were determined (by Mag. Tuxen) to be *R. occulta*. The find bears witness of an outbreak of this very pest in the mediaeval age (14th century), and Dr. Iversen considers such insect attacks to have been catastrophic to the Norseman settlement of "Vesterbygden" in Greenland, which just at that time became extinct (Iversen 1934 p. 357).

E. G.: Glacier between Ilua and Lindenows Fjord 60°15', 21.9.32, R. Bøgvad (Z. M.). Tâterait, Anoritôq 61°30', 26.8.32, R. Bøgvad (Z. M.). Augpilagtoq 60°15', 7.7.32, R. Bøgvad (Z. M.).

13. *Amphitrota unicolor* Walk.

Henr. & Lundb. p. 676 (*Agrotis clandestina*).

W. G.: [60°59'].

E. G.: ÷

14. *Polia nana* Hufn.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Sabine Ø 74°40', July 1900, N. Hartz (Z. M.).

15. *Crino sommeri* Lef.

Henr. & Lundb. p. 679 (*Hadena sommeri*).

W. G.: Ivigtût 61°13', summer 1931, R. Bøgvad (Z. M.). Camp Lloyd at the head of Kangerdlugssuaq 67° (Carpenter 1938 p. 537). Ikerasak 69°50' and Ũmanáq 70°40' (Rebel 1907 p. (29)).—[60°43'—68°49'].

E. G.: Angmagssalik 65°35', 26—27.7.33 (Marie Jørgensen). Ibid. July 1936, Gitz Johansen (Z. M.). Mikis Fjord 68°05' (Henriksen 1935 p. 6). Milne Land 70°40' (Lack 1934 p. 604).

16. *Crymodes exulis* Lef.

Henr. & Lundb. p. 680 (*Hadena Maillardi*).

W. G.: Godthaab 64°10', ex coll. Kløcker (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1938 p. 537). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).—[61°13'—72°45'].

E. G.: Glacier between Ilua and Lindenows Fjord 60°15', 21.9.32, R. Bøgvad (Z. M.). Near the head of Danells Fjord 60°50', 31.8.32, R. Bøgvad (Z. M.). Angmagssalik 65°35', 22—24.7.33, Marie Jørgensen (Z. M.). Ibid. July 1936, Gitz Johansen (Z. M.). Mikis Fjord 68°05' (Henriksen 1935 p. 6). Liverpool Land c. 70°40', 15—18.7.28, Alwin Pedersen (Z. M.). Jameson Land 71° (Peters 1934 p. 174). Myggbukta 73°35', Moskusoksefjord 73°45', Kap Stosch 74°05' (Knaben 1937 p. 20). Kap Mary

on Clavering Ø 74°15' (Rebel 1911 p. (43) "H. difflua groenlandica"). Ibid. 10.7.30, B. Løppenthin (Z. M.).—[c. 71—72°17'].

17. *Anarta richardsoni* Curt.

Henr. & Lundb. p. 683 (*Anarta richardsoni*).

W. G.: Godthaab 64°10', ex coll. Kløcker (Z. M.). Ibid. 24.6.25, A. Lynge (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1938 p. 537). Godhavn 69°15' (Strand 1905 p. 12). Navdлуarsuk 69°10', Sarqaq 70° and Nūgssuaq c. 70°40' (Rebel 1907 p. (29)). Upernavik 72°45', 1931, Fr. Johansen (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532). Karnaq at Etah 77°50' (Carpenter 1937 p. 406).—[61°35'—81°30'].

E. G.: 2nd Fjord in Sermilik 66°05', 23.7.33, R. Bøgvad (Z. M.). Barelay Bugt 69°10' (Henriksen 1935 p. 6). Kap Hope 70°25', 20—21.7.28, 25—30.7.28, Alwin Pedersen (Z. M.). Elvdal, Scoresby Sund 70°25', 24.7.25, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 15—17.7.28, Alwin Pedersen (Z. M.). Jameson Land c. 70°40', 14.7.28, 18—19.7.28, 23—26.7.28, 5.8.28, 3.9.28, 1.7.19, Alwin Pedersen (Z. M.). Jameson Land 71° (Peters 1934 p. 174). Ella Ø 72°55', 7.6.34, 25.6.34, F. Søgaard Andersen (Z. M.). Loch Fyne 73°50', 30.7.30, B. Løppenthin (Z. M.). Kap Stosch 74°, 20.7.32, Holger Madsen (Z. M.). Eskimonæs 74°05', reared 24.6.33 and 29.6.33, Holger Madsen (Z. M.). Tyroler Fjord 74°20' (Rebel 1911 p. (43)). Antarctic Havn 72°, Traill Ø 72°30', Geographical Society 72°50'—73°05', Ella Ø, 72°55', Ymers Ø: Kap Humboldt and Celsiusberget 73°10', Myggbukta 73°35', Kap Stosch 74°05', Clavering Ø 74°25', Wollaston Forland 74°20' (Knaben 1937 p. 22). Vildtland 81° 30', 15.7.12, "2 larvae in the mouth of a *Lestris lorgicauda* shot", P. Freuchen (Z. M.). Kap Schmelck 81°50', 27.6.12, a larva, P. Freuchen (Z. M.).—[61°45'; 70°27'—76°46'].

18. *Anarta leucocycla* Staud.

Henr. & Lundb. p. 684 (*Anarta leucocycla*).

W. G.: Ubekjendt Eiland 71°20' (Rebel 1907 p. (29)). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).—[68°10'—72°45'].

E. G.: ÷

19. *Anarta squara* Smith.

Henr. & Lundb. ÷

Most probably identic with *A. leucocycla*.

W. G.: without loc. (Smith 1908 p. 112).

E. G.: ÷

20. *Sympistis lapponica* Thbg.

Henr. & Lundb. p. 685—686 (*Anarta lapponica* + *Anarta tenebricosa*).

A. tenebricosa is now considered a mere aberration of *A. lapponica*.

W. G.: Claushavn 69°05' (Rebel 1907 p. (29)).—[60°43'—71°15'].

E. G.: Elvdal, Scoresby Sund 70°25', 24.7.25, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 18.7.28, Alwin Pedersen (Z. M.). Jameson Land 71° (Peters 1934 p. 174).—[69°24'].

21. *Sympistis zetterstedti* Staud.

Henr. & Lundb. p. 687 (Anarta Zetterstedti).

The Greenland form is *var. kolthoffi* Auriv.

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 537). Ube-kjendt Eiland 71°20' (Rebel 1907 p. (29)). Karnaq at Etah 77°50' (Carpenter 1937 p. 406).—[69°14'—72°45'].

E. G.: Ravns Fjord 68°30' (Henriksen 1935 p. 7). Kap Stewart 70°25' (Remy 1928 b p. 94). Kap Hope 70°25', 20—21.7.28, Alwin Pedersen (Z. M.). Jameson Land c. 70°40' (Lack 1934 p. 604). Ibid. 15.7.28, 23—25.7.28, 3.9.28, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 15.7.28, Alwin Pedersen (Z. M.). Ella Ø 72°55', 17.8.30, B. Løppenthin (Z. M.). Moskusoksefjord 73°45', 10.8.30, B. Løppenthin (Z. M.). Kap Stosch 74°, 20.7.33, Holger Madsen (Z. M.). Tyroler Fjord 74°20' (Rebel 1911 p. (43)). Antarctic Havn 72°, Kap Petersens and Segelsällskapet Fjord 72°25', Ella Ø 72°55', Geographical Society Ø 72°50'—73°05' Ymers Ø: Kap Humboldt and Celsiusbjerget 73°10', Myggbukta 73°35', Moskusoksefjord 73°45', Kap Stosch 74°05', Clavering Ø 74°25', Wollaston Forland 74°25' (Knaben 1937 p. 23). Further the specimens mentioned in Henr. & Lundb. p. 686 as *lapponica* from Rypefjeld and Skibshavnen, Danm. Exped. 76°46', belong to this species. —[70°27'—76°46'].

22. *Sympistis besla* Skinn. & Mengel.

Henr. & Lundb. p. 687 (Anarta Besla).

Most probably only an extreme form of *S. zetterstedti kolthoffi* (cf. Barnes & Benjamin 1924 p. 213).

W. G.: [northern Greenl.].

E. G.: ÷

23. *Autographa parilis* Hbn.

Henr. & Lundb. p. 282 (*Plusia parilis*).

W. G.: Ikerasak 69°50' (Rebel 1907 p. (29)).—["South Greenl.". 70°02'—72°45'].

E. G.: Jameson Land c. 70°40', 23—26.6.28, 20—21.6.29, Alwin Pedersen (Z. M.). Geographical Society Ø 72°50', Ymers Ø: Kap Humboldt 73°10', Myggbukta 73°35', Clavering Ø 74°25' (Knaben 1937 p. 21).—[c. 71°—73°30].

24. *Syngrapha diasema* Bsd.

Henr. & Lundb. p. 682 (*Plusia diasema*).

The Greenland form is *var. borea* Auriv.

W. G.: [60°43'—68°37'].

E. G.: ÷

25. *Syngrapha interrogationis* L.
 Henr. & Lundb. p. 681 (*Plusia interrogationis*).
 W. G.: [60°43'—61°40'].
 E. G.: Angmagssalik 65°35', July 1936, Gitz Johansen (Z. M.).
 Søkongens Bugt 68°42' (Henriksen 1935 p. 6).

26. *Phytometra gamma* L.

- Henr. & Lundb. p. 680 (*Plusia gamma*).
 W. G.: [c. 60°49'—c. 62°].
 E. G.: Angmagssalik 65°35', July 1936, Gitz Johansen (Z. M.).
 Mikis Fjord 68°05' and Ravns Fjord 68°30' (Henriksen 1935 p. 6).

Species the Greenland records of which must be considered doubtful or erroneous:

- Phalaena* (i. e. *Agrotis*) *depuncta* Fabr. (O. Fabricius Fn. Groenl. 1780 p. 193).
Phalaena (i. e. *Charaeas*) *graminis* L. (O. Fabricius *ibid.* p. 193).
Phalaena (i. e. *Barathra*) *brassicae* L. (O. Fabricius *ibid.* p. 194).
Anarta melanopa Thbg. from Disco, Howgate Polar Exp. (Scudder, Bull. U. S. Nat. Mus. 1879 p. 159).

They have surely all been wrongly determined. Cf. Henr. & Lundb. p. 700—701. As to *C. graminis*, *vide* above p. 31.

Geometridae.

27. *Cheimatobia brumata* L.

- Henr. & Lundb. p. 688 (*Cheimatobia brumata*).
 W. G.: Nanortalik 60°07', 27.11.31, Fr. Johansen (Z. M.). Ikerarsuaq Sermilik, N. of Nanortalik 60°25', 13.10.32, R. Bøgvad (Z. M.). Lichtenau Fjord 60°30', reared July 1930, Poul M. Hansen (Z. M.). *Ibid.* 7.11.31, Fr. Johansen (Z. M.). Julianehaab 60°43', Okt. 1931, Fr. Johansen (Z. M.).—[without loc.].

E. G.: ÷

28. *Cidaria frigidaria* Guénée.

- Henr. & Lundb. p. 688 (*Cidaria Sabini*).
 The Greenland form is *var. sabini* Kby.
 W. G.: Wulffs Land c. 82°, July 1919, P. Freuchen (Z. M.).—[72°45'—81°30'].

E. G.: Jameson Land c. 70°40', 15.7.28, Alwin Pedersen (Z. M.). *Ibid.* 71° (Peters 1934 p. 174). Myggbukta 73°35', Wollaston Forland: Kap Herschel 74°15' (Knaben 1937 p. 26). Nordfjord 73°40', 28.7.32, J. Brændegaard (Z. M.). Kap Stosch, 74°, 22.7.32, Holger Madsen (Z. M.). Sabine Ø 74°40', 27.7.19, E. Falsø (Z. M.). Snenæs 76°46', 3.8.19, H. L. Jensen (Z. M.).—[70°30'—74°15'].

29. *Cidaria immaculata* Skinn. & Mengel.

- Henr. & Lundb. p. 689 (*Cidaria immaculata*).
 Most probably only a form of *frigidaria sabini*.
 W. G.: [northern Greenl.].
 E. G.: ÷

30. *Cidaria polata* Dup.

Henr. & Lundb. p. 690 (*Cidaria polata*).

In most of Greenland the form occurring is *var. brullei* Lef., except in the northernmost part, where *punctipes* Curt. takes its place.

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 536). Godhavn 69°15' (Strand 1905 p. 13). Sarqaq 70° and Nùssaq 70°30' (Rebel 1907 p. (29)). Upernavik 72°45', 1931, Fr. Johansen (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532 "C. polata punctipes"). Karnaq at Etah 77°50' (Carpenter 1937 p. 406 "C. polata punctipes approaching ab. brullei").—[61°13'—73°20'].

E. G.: S. of Bernstorffs Isfjord 63°35', 3.8.32, R. Bøgvad (Z. M.). Angmagssalik 65°35', 26.7.33, Marie Jørgensen (Z. M.). Mikis Fjord 68°15' (Henriksen 1935 p. 7). Kap Stewart 70°25' (Remy 1928 b p. 94). Kap Hope 70°25', 20—21.7.28 and 25—30.8.28, Alwin Pedersen (Z. M.). Scoresby Sund 70°25', 24—26.7.25, Alwin Pedersen (Z. M.). Elvdal at Scoresby Sund 70°25', 16.7.25, Alwin Pedersen (Z. M.). Jameson Land c. 70°40' (Lack 1934 p. 604). Ibid. 15.7.28, 23—26.7.25, 1.7.29, 10.7.29, Alwin Pedersen (Z. M.). Ibid. 71° (Peters 1934 p. 174). Narhvalsund at Ella Ø c. 72°45', 26.7.34, F. Søgaard Andersen (Z. M.). Kong Oscars Fjord at Hammer Ø 72°30', 2.8.32, R. Spärck (Z. M.). Ymers Ø 73°15', 75 m, 10.8.32, R. Spärck (Z. M.). Nordfjord 73°40', 28.7.32, J. Brændegaard (Z. M.). Moskusoksefjord 73°45', 9.8.30, B. Løppenthin (Z. M.). Loch Fyne 73°50', 28—30.7.30, B. Løppenthin (Z. M.). Eskimonæs 74°05', 14.7.33, Holger Madsen (Z. M.). Sabine Ø 74°40', 21.7.19, E. Falsø (Z. M.). Danmarks Havn 76°46', 28.7.19, H. L. Jensen (Z. M.). Antarctic Havn 72°, Mainland 72°15', Kap Petersens 72°25', Traill Ø: Veganeset and Holmvika 72°30'—72°50', Ella Ø 72°55' Geographical Society Ø 72°50'—73°05', Ymers Ø: Kap Humboldt and Celsiusbjerget 73°10', Myggbukta 73°35', Moskusoksefjord c. 73°45', Wollaston Forland 74°25' (Knaben 1937 p. 25).—[66°22'—76°46'].

31. *Eupithecia nanata* Hb.

Henr. & Lundb. p. 691 (*Eupithecia gelidata*).

The Greenland form is *var. gelidata* Möschl.

W. G.: Utorqait in Amerdloq 67° (Carpenter 1935 p. 7).—[60°43'—68°10'].

E. G.: Angmagssalik 65°35', 21—27.7.33, Marie Jørgensen (Z. M.). Ibid. July 1936 and 6.8.36, Gitz Johansen (Z. M.). Tunoq 65°50', 9.7.32, R. Bøgvad (Z. M.). Ikerasausaq 65°55', 3—9.8.33, Marie Jørgensen (Z. M.). Ravns Fjord 68°30' and d'Aunay Bugt 69° (Henriksen 1935 p. 7).—[70°15'—70°27'].

32. *Eupithecia ? altenaria* Staud.

Henr. & Lundb. p. 692 (*Eupithecia ? altenaria*).

W. G.: [60°—61°13′].

E. G.: ÷

Species the Greenland records of which must be considered doubtful or erroneous:

Lygris populata L. (W. Petersen: Beitr. z. Kenntn. Russ. Reiches 1887 p. 34.—No locality or reference to other work mentioned).

Cidaria truncata Hfn. (Schöyen: Arch. f. Math. og Naturv. V 1880 p. 128 and W. Petersen l. c. p. 34.—No locality or reference to other work mentioned).

Pyralidae.

33. *Ephestia kuehniella* L.

Henr. & Lundb. ÷

W. G.: Julianehaab 60°43′, in houses, June 1938, Prof. Ad. S. Jensen (Z. M.).

E. G.: ÷

34. *Salebria fusca* Hw.

Henr. & Lundb. p. 693 (*Pempelia fusca*).

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 535). Nüssaq 70°30′ (Rebel 1907 p. (30)). Between Upernavik 72°45′ and Amdrup Ø 74°45′ (Longstaff 1936 p. 532).—[60°43′—71°15′].

E. G.: Søkongens Bugt 68°42′ (Henriksen 1935 p. 7). Jameson Land c. 70°40′ (Lack 1934 p. 604). Jameson Land c. 70°40′, 15.7.28, Alwin Pedersen (Z. M.). Jameson Land 71° (Peters 1934 p. 174). Antarctic Havn 72°, Kap Petersens 72°25′ Ymers Ø 73°10′, Clavering Ø c. 74°15′, Wollaston Forland: Kap Herschel 74°15′ (Barca 1937 p. 31).—[69°24′—70°30′].

35. *Scoparia centuriella* F.

Henr. & Lundb. p. 692 (*Scoparia centuriella*).

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 535). Ujaragssugssuk 69°50′ (Rebel 1907 p. (30)).—[61°13′—71°15′].

E. G.: Jameson Land c. 70°40′ (Lack 1934 p. 604). Moskusoksefjord 73°45′, 9.8.30, B. Løppenthin (Z. M.). Segelsällskapets Fjord 72°25′, Kap Stosch 74°05′ (Barca 1937 p. 32).

36. *Pyrausta torvalis* Möschl.

Henr. & Lundb. p. 693 (*Botys torvalis*).

W. G.: Godhavn 69°15′ (Strand 1905 p. 15). Between Upernavik 72°45′ and Amdrup Ø 74°45′ (Longstaff 1936 p. 532). Karnaq at Etah 77°50′ (Carpenter 1937 p. 406).—[62°40′—76°46′].

E. G.: Barclay Bugt 69°10′ (Henriksen 1935 p. 7). Scoresby Sund: Elvdal 70°25′, 16.7.25, Alwin Pedersen (Z. M.). Jameson Land c. 70°40′, 15.7.28 and 8—10.7.29, Alwin Pedersen (Z. M.). Jameson Land c. 70°40′ (Lack 1934 p. 604). Jameson Land 71° (Peters 1934 p. 174). Antarctic Havn 72°, Mainland 72°15′, Kap Petersens 72°25′, Ymers Ø: Kap

Humboldt 73°10', Myggbukta 73°35', Wollaston Forland: Kap Herschel etcetera 74°15'—74°25' (Barca 1937 p. 32).—[70°27'—76°46'].

Pyralidae spp. indet.

E. G.: Kap Stewart 70°25' (Remy 1928 b p. 94).

Tortricidae.

37. *Acalla maccana* Tr.

Henr. & Lundb. p. 695 (Teras maccana).

W. G.: [c. 60°49'].

E. G.: ÷

38. *Cnephasia hoyosi* Rebel.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Kap Mary on Clavering Ø 74°15' (Rebel 1911 p. (43)).

39. *Argyroploce boreana* Reb.

Henr. & Lundb. p. 695 (*Penthina Schulziana*) + 696 (*Penthina boreana*).

A revision of the old material, present in the Copenhagen Zoological Museum, and labelled "*Argyroploce schulziana* F.", proved that all belongs to the present species; for instance the male genitalia quite agree with the figure (Barca 1938 pl. II fig. 7).

W. G.: ÷

E. G.: Jameson Land c. 70°40', 20—21.7.29, Alwin Pedersen (Z. M.). Narhvalsund 72°45', 26.7.34, F. Søgaaard Andersen (Z. M.). Ella Ø 72°55', 7.6.34, F. Søgaaard Andersen (Z. M.). Knudshoved 73°45', 5.8.30, B. Løppenthin (Z. M.). Loch Fyne c. 73°50', 30.7.30, B. Løppenthin (Z. M.). Kap Petersens 73°25', Myggbukta 73°35', Wollaston Forland 74°25' (Barca 1937 p. 34—*Phiaris boreana*).—[70°27'; 76°46'; without loc.].

40. *Argyroploce inquietana* Wlk.

Henr. & Lundb. ÷

W. G.: Karnaq at Etah 77°50' (Carpenter 1937 p. 406).

E. G.: ÷

41. *Argyroploce groenlandicana* Bang Haas.

Henr. & Lundb. p. 696 (*Penthina groenlandicana*).

W. G.: ÷

E. G.: Jameson Land 71° (Peters 1934 p. 174). Ella Ø 72°55', Ymers Ø: Kap Humboldt 73°10', Myggbukta 73°35', Moskusoksefjord 73°45', Wollaston Forland 74°25' (Barca 1937 p. 34).—[70°27'—76°46'].

42. *Argyroploce mengelana* Fern.

Henr. & Lundb. p. 696 (*Penthina mengelana*).

W. G.: [77°40'].

E. G.: ÷

Argyroploce sp. indet.

E. G.: [73°30'—Henr. & Lundb. p. 697 “*Penthina* sp.”].

43. *Peronea caryosphena* Meyrick.

Henr. & Lundb. ÷

W. G.: Camp Lloyd in Søndre Strømfjord 67° (Meyrick 1937 p. 157, Carpenter 1938 p. 535).

E. G.: ÷

Tortricidae spp. indet.

W. G.: [60°49', 61°13'—Henr. & Lundb. p. 697].

E. G.: Kap Stewart 70°25' (Remy 1928 b p. 94).

Species the Greenland records of which must be considered doubtful or erroneous:

Acalla emargana F. var. *effractana* Froel. (Henr. & Lundb. p. 694 “*Rhacodia effractana*”). Recorded from Greenland in Zetterstedt: Ins. Lappon., but no especial locality mentioned.

Ancylis uncana L. Recorded from Greenland in O. Fabricius: Fn. Groenl. 1780 p. 195. Surely wrongly determined.

Eucosmidae.

44. *Eucosma petalonota* Meyrick.

Henr. & Lundb. ÷

W. G.: Camp Lloyd in Søndre Strømfjord 67° (Meyrick 1937 p. 157, Carpenter 1938 p. 535).

E. G.: ÷

Pterophoridae.

45. *Stenoptilia mengeli* Fern.

Henr. & Lundb. ÷

Possibly identic with the following species (cf. Strand l. c.).

W. G.: Foulke Fjord 78°18' (Strand 1905 p. 17).

E. G.: ÷

46. *Stenoptilia islandica* Stdgr.

Henr. & Lundb. p. 699 (*Mimaeseoptilus islandicus*).

Against the view of Strand, Barca (1937 p. 33) considers the East Greenland *Stenoptilia*s to be conspecific with the Icelandic *St. islandica*, and different from the related North European species; but he does not mention anything about differences from or identity with *St. mengeli*.

W. G.: ÷

E. G.: Traill Ø 72°30', Ymers Ø 73°10', Wollaston Forland 74°25' (Barca 1937 p. 33).—[70°15'—74°35'].

47. *Pterophorus monodactylus* L.

Henr. & Lundb. ÷

W. G.: Etah 78°20' (Carpenter 1937 p. 406).

E. G.: ÷

Gelechiidae.

48. *Hoffmannophila pseudospretella* Stn.

Henr. & Lundb. ÷

W. G.: Julianehaab 60°43', 28.9.98, 20.10.98, 26.11.99, G. Meldorf (Z. M.).

E. G.: Scoresby Sund 70°25', on board "Pourquoi-pas?", (Lack 1934 p. 604).

49. *Endrosis lacteella* Schiff.

Henr. & Lundb. p. 699 (*Endrosis lacteella*).

W. G.: [60°30'—69°44'].

E. G.: ÷

50. *Phthorimaea charcoti* Meyrick.

Henr. & Lundb. ÷

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 534).

E. G.: Kap Dalton 69°24' (Meyrick 1934 p. 59, Lack 1934 p. 604).

Seythrididae.

51. *Scythris* ? *noricella* Zell.

Henr. & Lundb. p. 698 (*Butalis* ? *noricella*).

W. G.: [70°25'].

E. G.: ÷

Scythris sp.

W. G.: [60°43'—61°13', Henr. & Lundb. p. 699 "*Butalis* sp."].

Hyponomeutidae.

52. *Plutella senilella* Zett.

Henr. & Lundb. p. 698 (*Plutella senilella*).

W. G.: [60°55'—61°13'; ? 68°].

E. G.: Ravns Fjord 68°30', Søkongens Bugt 68°42' and Barclay Bugt 69°10' (Henriksen 1935 p. 7).—[70°27'].

Tineidae.

53. *Tinea fuscipuntella* Hw.

Henr. & Lundb. p. 697 (*Tinea fuscipunctella*).

W. G.: ÷

E. G.: [without loc.].

54. *Tineola biselliella* Hummel.

Henr. & Lundb. ÷

W. G.: Julianehaab 60°43', in a house in immense numbers, Aug.—Sept. 1938, Povl M. Hansen leg. (Z. M.).

E. G.: ÷

Coleoptera.

Carabidae.

1. *Nebria gyllenhali* Schönh.

Henr. & Lundb. p. 484 (*Nebria Gyllenhalii*).

W. G.: Ameralik 64°05', 10.6.15, J. No Nygaard (Z. M.).—[60°—61°45'].

E. G.: ÷

2. *Bembidion (Peryphus) grapei* Gyll.

Henr. & Lundb. p. 485 (*Bembidium Grapei*).

W. G.: Ameralik and Itivdlek 64°05'—15', 2.6.15 and 10—18.6.15, J. No Nygaard (Z. M.). Qugssuk and Majuala 64°45' (Blair 1930 p. 394).—[60°—69°15'].

E. G.: Angmagssalik 65°35' (Henriksen 1935 p. 3). Ibid., "Flyversøen", 21.7.33, R. Bøgvad (Z. M.). Ikerassarssuaq 65°50', 10.8.33, Marie Jørgensen (Z. M.). Mikis Fjord 68°05', 10—20.8.33, Marie Jørgensen (Z. M.). Ravns Fjord 68°30' (Henriksen 1935 p. 3).—[65°55'].

3. *Patrobus septentrionis* Dej.

Henr. & Lundb. p. 486 (*Patrobus septentrionis*).

W. G.: Ilua 59°55', 1890, a larva, Fru E. Lundholm (Z. M.). Julianehaab 60°43', ult. Okt. 1931, a larva, Fr. Johansen (Z. M.). Nunarssuaq 60°40', 1890, Fru E. Lundholm (Z. M.). Itivdlek 64°15', 10—18.6.15, J. No Nygaard (Z. M.). Qugssuk 64°45' (Blair 1930 p. 394).—[59°55'—64°10'].

E. G.: Qáqarssuaq Sund at Augpilagtoq 60°05', 1.10.32, a larva, R. Bøgvad (Z. M.). Augpilagtoq, 60°15', 7.7.32, 24.9.32, R. Bøgvad (Z. M.). Between Lindenows Fjord 60°30' and Graah's Vinterhavn 63°25', 7.8.—5.9.32, R. Bøgvad (Z. M.).

4. *Trichocellus cognatus* Gyll.

Henr. & Lundb. p. 487 (*Bradycellus cognatus*).

W. G.: Majuala 64°45' (Blair 1930 p. 394).—[59°55'—64°10'].

E. G.: Augpilagtoq 60°15', 24.9.32, R. Bøgvad (Z. M.). N. of Tiningnertôq 60°25', 13.9.32, R. Bøgvad (Z. M.).

Species the Greenland records of which must be considered uncertain or erroneous:

Carabus chamissonis Fisch.-Waldh.—Cf. Henr. & Lundb. p. 488.—In the collection of the Zool. Museum of Copenhagen two specimens are present, labelled "Grønland" but without further locality, one ex coll. WESTERMANN, the other ex

coll. WÜSTNEI. WESTERMANN got his specimen from M. C. SOMMER who did not collect himself, but—like Westermann—got his insects from various sources. The specimen which served DEJEAN as a *typus* for his species *groenlandicus* (1831) (now only considered to be a form of *chamissonis*) came likewise from coll. Sommer. But from where he got them, can not possibly be made out now, and the labelling "Greenland" must be wrong.

Clivina fossor L. As mentioned by Henr. & Lundb. (p. 486—87) *Patrobis septentrionis* is the insect called "Siutisiortok" (siutisiortok) by the eskimoes, and believed by them to go into the ears of men. When therefore O. Fabricius in Fn. Groenl. (p. 190) notes Siutisiortok sub "Tenebrio fossor", this indicates that this latter name is meaning *Patrobis septentrionis*. The view of Blair (1930 p. 397) that Fabricius really meant *Clivina fossor* (confounded, it is true, with *Forficula auricularia*, which in recent time has been found in Greenland) therefore can not be right.

Pterostichus (Cryobius) arcticus Chaud. (Poppius Acta Faun. Flor. Fenn. V 1906 p. 185). The labelling "Greenland" of a specimen in the Leningrad Museum must be wrong (Henr. & Lundb. p. 488).

Amara (Cyrtonotus) brunnipennis Dej. This Arctic-American and Siberian species has in Leng: Catalogue of the Coleoptera of America 1920 (under the synonymous name *borealis* Chd.) got the additional locality "Greenland?". Chaudoir however only states that his specimen, which was bought from the insect-dealer Parreys, came from "contrées polaires sans désignation plus exacte" (Bull. Nat. Moscou XVI 1843 p. 775).

Dytiscidae.

5. *Hydroporus melanocephalus* Marsh.

Henr. & Lundb. p. 488 (*Hydroporus atriceps*).

W. G.: Ikerssuaq 60°50', 26.8.12, K. Stephensen (Z. M.). Godthaab 64°10' 22.9.83, Ryder (Z. M.). Qugssuk 64°45' (Blair 1930 p. 395). Sukkertoppen 65°25', 8.7.31, Fr. Johansen (Z. M.). Utorqait in Amerdloq and Camp Lloyd at the head of Kangerdlugssuaq c. 67° (Carpenter 1938 p. 537). Egedesminde, 68°42', without date, G. M. R. Levinsen (Z. M.). Ūnartoq at the Mellemfjord, Disco 69°40', Aug. 1898, K. J. V. Steenstrup (Z. M.).—[59°55'—70°25'].

E. G.: Narssaq in Lindenows Fjord 60°30', 9.9.32, R. Bøgvad (Z. M.). Isle opposite Puissortoq 61°55', 16.8.32, a larva, R. Bøgvad (Z. M.). Tingmiarmiut 62°35', 18.7.32, R. Bøgvad (Z. M.). Angmagssalik 65°35', 24.8.30, Alwin Pedersen (Z. M.) Ibid., summer 1932, M. Degerbøl (Z. M.).—[60°58'—65°30'].

6. *Colymbetes dolabratus* Payk.

Henr. & Lundb. p. 489 (*Colymbetes dolabratus*).

W. G.: Julianehaab 60°43', Okt. 1931, Fr. Johansen (Z. M.). Narssaq in Skovfjord 60°45', 1.9.12, K. Stephensen (Z. M.). Akuliarigsoq i Ikerssuaq 60°50', 28.8.12 and 1.9.12, K. Stephensen (Z. M.). Godthaab 64°10', 15.10.31, Fr. Johansen (Z. M.). Itivdlek 64°15', 10—18.6.15, J. No Nygaard (Z. M.). Qugssuk and Majuala 64°45' (Blair 1930 p. 395). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter

1938 p. 537). Giesecke Sø 67°45', 4.8.11, V. Nordmann (Z. M.). Egedesminde 68°42', Traustedt (Z. M.). Jakobshavn 69°13', 5.8.93, Traustedt (Z. M.). Godhavn 69°15' (Strand 1905 p. 5). Ibid. Juni 1908, Th. & E. Porsild (Z. M.). Ibid., 24.5.24, M. P. Porsild (Z. M.). Ibid. 8.8.31, Chr. Løfting (Z. M.). Ibid. 15.9.31, Fr. Johansen (Z. M.). Disco Fjord 69°25', 20.9.31, Fr. Johansen (Z. M.). Ulua in Prøvens Fjord 72°25', Aug. 1931, Fr. Johansen (Z. M.). Upernavik 72°45', July 1931, 2 larvae, Fr. Johansen (Z. M.). Ibid. 12.7.31, Chr. Løfting (Z. M.). Ibid. 9.9.31, Fr. Johansen (Z. M.). Augpilártoq 72°50', 8.7.31, Fr. Johansen (Z. M.). "Vandhøntningssøen", Tasiussaq 73°20', 20.7.31, Fr. Johansen (Z. M.).—[59°55'—72°45'].

E. G.: Augpilagtoq 60°15', 24.9.32, R. Bøgvad (Z. M.). Tingmiarmiut 62°35', 18.7.32, R. Bøgvad (Z. M.). Angmagssalik 65°35' (Henriksen 1935 p. 3). Ibid. 24.8.30, Alwin Pedersen (Z. M.). Ibid. 14.9.33, Marie Jørgensen (Z. M.). Ibid. 26.7.33, larva, Marie Jørgensen (Z. M.). Jameson Land c. 70°40' (Lack 1934 p. 605). Ella Ø 72°55', May 1932, G. Thorson (Z. M.), Ibid., 13.8.33, 18.8.33, 24.8.33, 24.11.33, 17.1.34, 29.5.34, 7.6.34, 7.6.34 (a young larva), 18.7.34 (larvae), 1.9.34, F. Søgaard Andersen (Z. M.). Ymers Ø c. 73°15' 11.8.32, R. Spärck (Z. M.). Northeast coast of Clavering Ø 74°20', 24.7.29, G. Seidenfaden (Z. M.).—[60°10'—71°20'].

Species the Greenland record of which must be considered doubtful or erroneous:

Agabus (Gaurodytes) congener Thunb.—Sharp, Trans. Roy. Dublin Soc. II 1882 p. 512, notes this species from "Greenland" but without locality or reference. Cf. Henr. & Lundb. p. 489.

Gyrinidae.

7. *Gyrinus opacus* Sahlb.

Henr. & Lundb. p. 491 (*Gyrinus marinus*).

When the English expedition to Godthaabsfjord stated with certainty the occurrence of *G. opacus* in Greenland, I revised the entire *Gyrinus*-material kept in the Zool. Museum of Copenhagen. Microsculpture, the male genitalia etc. showed that all belongs to *G. opacus*.—The Greenland form of this species by Omer Cooper (Ent. Month. Mag. LXVII 1930 p. 68) was called *G. opacus var. lecontei*, but this name was (l. c. p. 239) altered in *G. opacus var. blairi* Cooper.

W. G.: Ikerssuaq 60°50', August 1912, K. Stephensen (Z. M.). Ivigtût 61°13', Sept. 1938, Povl M. Hansen (Z. M.). Godthaabs Fjord c. 64° 10', 19.8.31, C. Løfting (Z. M.). Qugssuk 64°45' (Blair 1930 p. 395), Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 538).—[ca. 60°—61°30'].

E. G.: ÷

Staphylinidae.

8. *Atheta islandica* Kraatz.
 Henr. & Lundb. p. 492 (*Atheta islandica*).
 W. G.: [ca. 60°—61°35′].
 E. G.: ÷
9. *Acrotona fungi* Grav.
 Henr. & Lundb. p. 493 (*Atheta fungi*).
 W. G.: [60°59′—61°13′].
 E. G.: ÷
10. *Gnypeta cavicollis* J. Sahlb.
 Henr. & Lundb. p. 494 (*Gnypeta cavicollis*).
 W. G.: ÷
 E. G.: Jameson Land c. 70°40′ (Lack 1934 p. 605—with a query).—
 [74°40′].
11. *Quedius mesomelinus* Marsh.
 Henr. & Lundb. p. 494 (*Quedius mesomelinus*).
 W. G.: Ilua 59°55′, 1890, Fru E. Lundholm (Z. M.).—[59°55′—
 69°05′].
 E. G.: Augpilagtoq 60°15′, 24.9.32, R. Bøgvad (Z. M.).
12. *Quedius boops* Grav.
 Henr. & Lundb. p. 495 (*Quedius boops*).
 W. G.: [60°—62°].
 E. G.: ÷
13. *Lathrobium fulvipenne* Grav.
 Henr. & Lundb. p. 495 (*Lathrobium fulvipenne*).
 W. G.: [61°13′].
 E. G.: ÷
14. *Micralymma brevilingue* Schiødte.
 Henr. & Lundb. p. 496 (*Micralymma brevilingue*).
 W. G.: Godhavn 69°15′, 24.5.24, M. P. Porsild (Z. M.). Disco c. 70°,
 3.5.19, Th. Porsild (Z. M.). N. of Upernavik 73°05′, 19.7.31, Fr. Johansen
 (Z. M.).—[59°55′—70°25′].
 E. G.: Saltwater lagoon in Nordfjord 73°40′, 7.8.33, Holger Mad-
 sen (Z. M.).—[65°59′; 70°27′].
15. *Micralymma marinum* Ström.
 Henr. & Lundb. p. 497 (*Micralymma marinum*).
 W. G.: [60°—64°10′].
 E. G.: Kap Tordenskjold 61°25′, 21.8.32, R. Bøgvad (Z. M.).
16. *Omalium excavatum* Steph.
 Henr. & Lundb. p. 499 (*Omalium excavatum*).
 W. G.: [60°59′].
 E. G.: ÷

17. *Xylodromus concinnus* Marsh.
 Henr. & Lundb. p. 499 (*Xylodromus concinnus*).
 W. G.: [60°43'—68°42'].
 E. G.: ÷
18. *Anthobium sorbi* Gyll.
 Henr. & Lundb. p. 500 (*Anthobium sorbi*).
 W. G.: [without loc.].
 E. G.: ÷

Species the Greenland records of which must be considered doubtful or erroneous:

Acrotona parva Sahlb. Leng's Catalogue of the Coleoptera of America 1920 p. 122 mentions among the patriae of this species also "Greenl.". "Greenland" is however not mentioned for the next species, *A. fungi*, for which Greenland localities are really known (vide above). The record "Greenl." therefore most probably has been placed at the wrong species.

Creophilus maxillosus L. (*Staphylinus balteatus* O. Fabr. Fn. Groenl. 1780 p. 191). Cf. Henr. & Lundb. p. 501. Blair (1930 p. 397) does not, however, consider a Greenland occurrence of this species improbable, as it is found in Iceland and in Arctic America.

"*Staphylinus fuscipes*" O. Fabr. *ibid.* p. 191. Cf. Henr. & Lundb. p. 501.

Lathridiidae.

19. *Lathridius (Thea) bergrothi* Reitt.
 Henr. & Lundb. p. 503 (*Lathridius Bergrothi*).
 W. G.: [Julianehaab 60°43'].
 E. G.: ÷
20. *Enicmus minutus* L.
 Henr. & Lundb. p. 501 (*Enicmus minutus*).
 W. G.: [60°43'—68°42'].
 E. G.: [65°37'—70°27'].
21. *Corticaria linearis* Payk.
 Henr. & Lundb. ÷
 W. G.: Camp Lloyd at the head of Søndre Strømfjord c. 67° (Carpenter 1938 p. 538).
 E. G.: ÷

Cryptophagidae.

22. *Cryptophagus acutangulus* Gyll.
 Henr. & Lundb. p. 504 (*Cryptophagus acutangulus*).
 W. G.: ?Foulke Fjord 78°18' (Strand 1905 p. 5 "C. populi"; cf. Munster 1923 p. 197).
 E. G.: [?Hekla Havn 70°27'].
23. *Cryptophagus validus* Kraatz.
 Henr. & Lundb. p. 503 (*Cryptophagus validus*).
 W. G.: [Julianehaab 60°43'].
 E. G.: [?Hekla Havn 70°27'].

Dermestidae.24. *Dermestes lardarius* L.

Henr. & Lundb. p. 504 (*Dermestes lardarius*).

W. G.: Ivigtût 61°13', summer 1931, R. Bøgvad (Z. M.).—[Julianehaab 60°43'; Godthaab 64°10'].

E. G.: Angmagssalik 65°35', May 1936, Gitz Johansen (Z. M.).

25. *Attagenus pellio* L.

Henr. & Lundb. p. 505 (*Attagenus pellio*).

W. G.: [without loc.].

E. G.: ÷

26. *Anthrenus museorum* L.

Henr. & Lundb. p. 505 (*Anthrenus* sp.—now determined (by mag.

sc. Sv. G. Larsson) to belong to the present species).

W. G.: [Ilua 59°55'—a larva].

E. G.: ÷

Coccinellidae.27. *Coccinella transversoguttata* Falderm.

Henr. & Lundb. p. 515 (*Coccinella transversoguttata*).

W. G.: Igdlorssuit c. 60°, 29.9.32, R. Bøgvad (Z. M.). Itivdleg 64°15', 10—18.6.15, J. No Nygaard (Z. M.). Qugssuk 64°45' (Blair 1930 p. 396). Utorqait in Amerdloq and Camp Lloyd at the head of Søndre Strømfjord c. 67° (Carpenter 1938 p. 538).—[60°—70°25'].

E. G.: Tiningnertôq 60°25', 14.9.32, R. Bøgvad (Z. M.). Skjoldungefjord 63°26', 30.8.31, R. Bøgvad (Z. M.). Angmagssalik 65°35', May 1936, Gitz Johansen (Z. M.). Ibid. "Flyversøen", 21.7.33, R. Bøgvad (Z. M.), Ikerasarssuaq 65°50', 26.7.33, R. Bøgvad (Z. M.). 2nd Fjord in Sermilik 65°50', 23.7.33, R. Bøgvad (Z. M.). Jameson Land c. 70°40' (Lack 1934 p. 605). Ella Ø 72°55', May 1933, G. Thorson (Z. M.). Ibid., 21.6.34, F. Søgaard Andersen (Z. M.). Nordfjord "Brogede Dal" 73°40', 4.8.32, J. Brændegaard (Z. M.).—[65°10'—70°30'].

28. *Scymnus (Nephus) limonii* Donis.

Henr. & Lundb. p. 516 (*Nephus Redtenbacheri*).

C. Lindroth, who revised the material of this species, stated (Göteborg. Vet. Vitt. Samh. Handl. (5) ser. B. Bd. I No 6, 1929, p. 22) that the Greenland specimens did not belong to *redtenbacheri*, but to the Icelandic (and English) *limonii* Donis.

W. G.: [60°59'—61°].

E. G.: ÷.

Byrrhidae.29. *Byrrhus fasciatus* Forst.

Henr. & Lundb. p. 506 (*Byrrhus fasciatus*).

W. G.: Ameralik and Itivdleq 64°05'—15', 10—18.6.15, J. No Nygaard (Z. M.) Qugssuk 64°45' (Blair 1930 p. 396). Sukkertoppen 65°25', a larva, Aug. 1925, O. Hagerup (Z. M.). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 538.—[59°55'—69°13']).

E. G.: Kap Dan 65°32', 1.10.33, a larva, R. Bøgvad (Z. M.). Angmagssalik 65°35', Sept. 1936, Gitz Johansen, Atingat 65°50', 3.8.33 and 9.8.33, larvae, R. Bøgvad (Z. M.). Ikerasaussaq 65°55', 3.8.33, Marie Jørgensen (Z. M.). 2nd Fjord in Sermilik 65°50', 23.7.33, R. Bøgvad (Z. M.). Grusø opposite Apugsineq 66°, 31.7.33, R. Bøgvad (Z. M.). Lake Fjord 66°17', 3.9.32, a larva, M. Degerbøl (Z. M.). Tugtulik 66°20' and Mikis Fjord 68°05' (Henriksen 1935 p. 3).—[65°37'—65°59'].

30. *Simplocaria metallica* Sturm.

Henr. & Lundb. p. 507 (*Simplocaria metallica*).

W. G.: Ameralik and Itivdleq 64°05'—15', J. No Nygaard (Z. M.).—[60°—68°49'].

E. G.: ÷

Ptinidae.

31. *Ptinus fur* L.

Henr. & Lundb. p. 508 (*Ptinus fur*).

W. G.: [Ilua 59°55'].

E. G.: Angmagssalik 65°35', July 1936, Gitz Johansen (Z. M.).

Anobiidae.

32. *Ernobius mollis* L.

Henr. & Lundb. p. 508 (*Liozoum molle*).

W. G.: [Julianehaab 60°43'; Egedesminde 68°42'].

E. G.: Angmagssalik 65°35', in the store-house, 17.7.33, R. Bøgvad (Z. M.).

Lyctidae.

33. *Lyctus brunneus* Steph.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Ella Ø 72°55', in the window of the station house, 16.7.34, F. Søgaard Andersen (Z. M.).

Buprestidae.

34. *Melanophila acuminata* De Geer.

Henr. & Lundb. p. 509 (*Melanophila acuminata*).

W. G.: [Julianehaab 60°43'].

E. G.: ÷

Curculionidae.

35. *Otiorrhynchus nodosus* O. Fabr.

Henr. & Lundb. p. 509 (*Otiorrhynchus dubius*).

W. G.: Ameralik and Itivdleq 64°05'—15', 10—18.6.15, J. No Nygaard (Z. M.). Qugssuk and Majuala 64°45' (Blair 1930 p. 396). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 538).—[59°55'—66°56'].

E. G. Qáqarssuaq Sund 60°05', 1.10.32, R. Bøgvad (Z. M.). Augpilagtoq 60°15', 7.7.32, 28.9.32, R. Bøgvad (Z. M.). Tiningnertôq 60°25', 14.9.32, R. Bøgvad (Z. M.). N. of Tiningnertoq c. 60°25', 13.9.32, R. Bøgvad (Z. M.). Narssaq in Lindenows Fjord 60°30', 9.9.32, R. Bøgvad (Z. M.).—[60°35'].

36. *Otiorrhynchus arcticus* O. Fabr.

Henr. & Lundb. p. 510 (*Otiorrhynchus arcticus*).

W. G.: Nunarssuaq 60°40', 1890, Fru Lundholm (Z. M.). Ameralik and Itivdleq 64°05'—15', 10—18.6.15, J. No Nygaard (Z. M.). Majuala 64°45' (Blair 1930 p. 396). Agpat Fjord at Ūmánaq 70°50', 28.7.32, R. Bøgvad (Z. M.).—[59°55'—64°10'].

E. G.: East Ikerasak at Igdlut 59°50', 23.7.32, R. Bøgvad (Z. M.). Tiningnertôq 60°25', 14.9.32, R. Bøgvad (Z. M.). Estuary N. of Tiningnertôq, 14.9.32, R. Bøgvad (Z. M.). N. of Tiningnertôq c. 60°25', 13.9.32, R. Bøgvad (Z. M.). Augpilagtoq 60°15', 24.9.32, a larva, R. Bøgvad (Z. M.). Ibid. 7.7.32, R. Bøgvad (Z. M.). Kap Tordenskjold 61°25', 21.8.32, R. Bøgvad (Z. M.). Tingmiarmiut 62°35', 17.7.32, R. Bøgvad (Z. M.). Griffenfelds Ø and the shore opposite to it 62°55', 25.7.32, R. Bøgvad (Z. M.). Nukarfik 63°25', 4.1.32, R. Bøgvad (Z. M.). Angmagssalik 65°35', 27.7.33, Marie Jørgensen (Z. M.). Ibid., 3.10.33, R. Bøgvad (Z. M.). Ibid. "Flyversøen", 17.7.33 and 21.7.33, R. Bøgvad (Z. M.). Kap Dan 65°32', 1.10.33, R. Bøgvad (Z. M.). Tasiussaq, Nûk and Pikiutdleq in Sermilik, 66°10'—15', 20—25.7.33, R. Bøgvad (Z. M.). Tugtulik 66°20', 600 m, 9.8.33, R. Bøgvad (Z. M.). Mikis Fjord 68°05', 26—29.8.33, R. Bøgvad (Z. M.). Mikis Fjord 68°05' and Ravns Fjord 68°30' (Henriksen 1935 p. 4).—[60°08'—65°37'].

37. *Phytonomus elongatus* Payk.

Henr. & Lundb. p. 511 (*Phytonomus elongatus*).

W. G.: Majuala 64°45' (Blair 1930 p. 396).—[63°05'—c. 68°].

E. G.: ÷

38. *Rhytidosomus globulus* Hbst.

Henr. & Lundb. p. 512 (*Rhytidosomus globulus*).

W. G.: [65°35'; without loc.].

E. G.: ÷

Ipidæ.

39. *Pityogenes chalcographus* L.

Henr. & Lundb. p. 513 (*Pityogenes chalcographus*).

W. G.: [Introduced with timber to different places].

E. G.: ÷

Cerambycidae.

40. *Tetropium castaneum* L.
 Henr. & Lundb. p. 513 (*Tetropium castaneum*).
 W. G.: [Without loc., introduced with timber].
 E. G.: ÷
41. *Callidium violaceum* L.
 Henr. & Lundb. p. 514 (*Callidium violaceum*).
 W. G.: Godhavn 69°15', 20.1.24, in a house, M. P. Porsild (Z. M.).
 Ibid. 1.7.24, in a house, Fr. Johansen (Z. M.).—[Ivigût 61°13', likewise
 on introduced timber].
 E. G.: ÷
42. *Callidium variabile* L.
 Henr. & Lundb. p. 514 (*Callidium variabile*).
 W. G.: [Julianehaab 60°43', on introduced timber].
 E. G.: ÷
43. *Molorchus minor* L.
 Henr. & Lundb. ÷
 W. G.: Godhavn 69°15', 27.2.24, on introduced timber, M. P. Porsild (Z. M.).
 E. G.: ÷
44. *Pogonochaerus fasciculatus* De Geer.
 Henr. & Lundb. p. 515 (*Pogonochaerus fasciculatus*).
 W. G.: [Ilua 59°55', introduced with timber].
 E. G.: ÷

Species, the interpretation of which is quite uncertain:

"*Haltica helvines*" (O. Fabricius Fn. Groenl. 1780 p. 186).

"*Haltica oleracea* L." (O. Fabricius ibid. p. 187) cf. Henr. & Lundb. p. 517.

Siphonaptera.**Vermipsyllidae.**

1. *Vermipsylla globiceps* Tasch.
 Henr. & Lundb. p. 665 (*Vermipsylla globiceps*).
 W. G.: Ege 69°45', on *Alopex lagopus* (Mercanton 1925 p. 268).
 —[60°43'—70°25'; on *Alopex lagopus*].
 E. G.: Suess Land c. 73°, 11.11.33, on a *Alopex lagopus*, F. Søgaard Andersen (Z. M.).—[?70°27', on *Alopex lagopus*].

Pulicidae.

2. *Pulex irritans* L.
 Henr. & Lundb. p. 665 (*Pulex irritans*).
 W. G.: Jakobshavn 69°13', M. P. Porsild (Z. M.).—[66°56'—68°15';
 on man, *Canis domesticus* and *Somateria mollissima* subsp. *borealis*].
 E. G.: [70°27', on man].

Dolichopsyllidae.3. *Hoplopsyllus glacialis* Tasch.

Henr. & Lundb. p. 666 (*Hoplopsyllus glacialis*).

W. G.: Pandora Havn 78°20', 7.8.28, on *Lepus groenlandicus*, "Godthaab"-Exped. 1928 (Z. M.). Thule 76°30', 7.9.17, on a *Lepus groenlandicus* young, P. Freuchen (Z. M.).—[60°43' and 70°25', on *Lepus groenlandicus*].

E. G.: Rosenvinges Bugt 70°25', 18.11.24, on a (blue) *Alopex lagopus*, Alwin Pedersen (Z. M.). Ibid., 5.5.25 on *Alopex lagopus*, Alwin Pedersen (Z. M.). Amdrup Havn 70°25', 16.9.24, on *Lepus groenlandicus*, Alwin Pedersen (Z. M.). Scoresbysund Koloni 70°25', 1928, on *Lepus groenlandicus*, Alwin Pedersen (Z. M.). Liverpool Land c. 70°40', 25.5.29, flea-larvae on *Lepus groenlandicus*, Alwin Pedersen (Z. M.). Ibid. 9.5.29, on *Mustela arctica*, Alwin Pedersen (Z. M.). Jameson Land c. 70°40', 10.4.29, on *Lepus groenlandicus*, Alwin Pedersen (Z. M.). Ella Ø 72°55', 10.10.33, on *Lepus groenlandicus*, F. Søgaaard Andersen (Z. M.). Kap Petersens 72°25', 23.7.34, on *Lepus groenlandicus*, F. Søgaaard Andersen (Z. M.). Moskusoksefjord c. 73°45', 15.8.30, on a young *Lepus groenlandicus*, B. Løppenthin (Z. M.). Strindberg's Halvø near Walterhausen glacier 73°45'. 1.9.29, on *Lepus groenlandicus*, G. Seidenfaden (Z. M.). Sandodden at Young Sund 74°15', 5.9.29, on *Lepus groenlandicus*, R. Bøgvad (Z. M.).—[73°—76°46'; on *Lepus groenlandicus* and *Alopex lagopus*].

4. *Ceratophyllus borealis* Rothsch.

Henr. & Lundb. ÷

W. G.: Utorqait in Amerdloq 67°, on *Plectrophenax nivalis* (Carpenter 1938 p. 553).

E. G.: ÷

5. *Ceratophyllus gallinae* Schr.

Henr. & Lundb. p. 668 (*Ceratophyllus gallinae*).

W. G.: ÷

E. G.: [70°27', on *Plectrophenax nivalis*].

6. *Ceratophyllus garei* Rothsch.

Henr. & Lundb. p. 668 (*Ceratophyllus Gareii*).

W. G.: ÷

E. G.: [70°27', on *Plectrophenax nivalis*].

7. *Ceratophyllus vagabunda* Boh.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Holm's Bugt 72°30', 16.3.34, on a dead (poisoned) *Larus* sp., F. Søgaaard Andersen (Z. M.). Ella Ø 72°55', 6.6.34, on *Larus* sp., F. Søgaaard Andersen (Z. M.).

8. *Ceratophyllus groenlandicus* Wahlgr.

Henr. & Lundb. p. 667 (*Ceratophyllus groenlandicus*).

W. G.: ÷

E. G.: Scoresby Sund 70°25', 1928, on *Dicrostonyx groenlandicus* ("Myodes torquatus"), Alwin Pedersen (Z. M.).—[c. 73°25', on *Dicrostonyx groenlandicus*].

9. *Ceratophyllus* sp.

E. G.: Jameson Land c. 70°40', 20.3.29, on *Mustela arctica*, Alwin Pedersen (Z. M.). Vega Sund c. 72°50', 28.11.34, on *Mustela arctica*, F. Søgård Andersen (Z. M.).

Hymenoptera.**Tenthredinidae.**1. *Trichiocampus viminalis* Fall.

Henr. & Lundb. p. 520 (*Trichiocampus viminalis*).

W. G.: [69°15'].
E. G.: ÷

2. *Amauronematus amentorum* Först. (O. Condé det. 1938).

Henr. & Lundb. p. 520 (*Nematus* (*Lygæonematus*) sp.).

W. G.: ÷

E. G.: [76°46'].
E. G.: ÷

3. *Amauronematus groenlandicus* Malaise.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Landingsdalen on Wollaston Forland 74°30' (Malaise 1933 p. 3).

4. *Amauronematus viduatus* Zett. (O. Condé det.).

Henr. & Lundb. p. 519 (*Nematus* (*Amauronematus*) sp.).

W. G.: ÷

E. G.: [70°27'].
E. G.: ÷

5. *Pachynematus obductus* Htg. (O. Condé det.).

Henr. & Lundb. p. 518 (*Nematus* (*Pachynematus*) *obductus*).

The Greenland specimens have been referred by O. Condé to *var. conductus* Ruthe.

W. G.: [60°43'; 64°10'].
E. G.: ÷

E. G.: ÷

6. "*Nematus*" *borealis* Marlatt.

Henr. & Lundb. p. 519 (*Nematus borealis*).

A reference to genus is not possible from the existing description.

W. G.: [c. 70°].
E. G.: ÷

E. G.: ÷

Ichneumonidae.

Ichneumoninae.

7. *Ichneumon aurivillii* Roman.
 Henr. & Lundb. p. 520 (Ichn. (Cratichneumon) Aurivillii).
 W. G.: Qugssuk 64°45' (Roman 1930 p. 282).—[60°40'—70°25'].
 E. G.: Ella Ø 72°55', 10.5.34, F. Søgaaard Andersen (Z. M.). Hoelsbu
 in Moskusoksefjord 73°40' (Roman 1933 p. 6).—[70°27'; 76°46'—the
 latter find referring to a specimen (from Danm. Exped.) which in Henr.
 & Lundb. was placed sub *I. groenlandicus*, but was revised by A. Roman
 to be an *I. aurivillii* var.].
8. *Ichneumon groenlandicus* Lundb.
 Henr. & Lundb. p. 522 (Ichneumon groenlandicus).
 W. G.: [c. 70°10'].
 E. G.: [70°27'].
9. *Ichneumon discoensis* Fox.
 Henr. & Lundb. p. 523 (Ichneumon discoensis).
 W. G.: [c. 70°].
 E. G.: ÷
10. *Ichneumon* ? *bucculentus* Wesm.
 Henr. & Lundb. p. 521 (Ichneumon (s.str.) ?bucculentus).
 W. G.: [without loc.].
 E. G.: ÷
11. *Coelichneumon solutus* Holmgr.
 Henr. & Lundb. ÷
 The Greenland form of this species is called *C. solutus occidentalis*
 Roman.
 W. G.: ÷
 E. G.: Jameson Land c. 70°40' (Roman 1934 p. 606).
12. *Cratichneumon magus* Wesm.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 538).
 E. G.: ÷
13. *Cratichneumon* ? *erythromelas* McLachl.
 Henr. & Lundb. p. 523 (Ichneumon erythromelas).
 W. G.: Qugssuk 64°45' (Roman 1930 p. 282—with a query).
 E. G.: ÷

Cryptinae.

14. *Cryptus arcticus* Schiødte.
 Henr. & Lundb. p. 523 (Cryptus arcticus).
 W. G.: Qugssuk 64°45' (Roman 1930 p. 283). Utorqait in Amerdloq
 67° (Carpenter 1938 p. 539).—[59°55'—71°15'].
 E. G.: Jameson Land c. 70°40' (Roman 1934 p. 607). Ibid., 1.7.29,

Alwin Pedersen (Z. M.). Ibid. 71° (Peters 1934 p. 174). Holms Bugt in Kong Oscars Fjord 72°30' and Vega Sund 72°50' (Roman 1933 p. 7). Ella Ø 72°55', 21.6.34, F. Søgaaard Andersen (Z. M.). Kap Humboldt 73°10', 29.7.34, F. Søgaaard Andersen (Z. M.). Geographical Society Ø c. 73° and Dusén Fjord 73°15' (Roman l. c.). Loch Fyne c. 74°, 27.7.30, B. Løppenthin (Z. M.).—[70°27'—74°40'].

15. *Cryptus laborator* Thbg.

Henr. & Lundb. p. 524 (*Cryptus Fabricii*).

Cryptus fabricii Schiødt was considered by Roman (1930 p. 283) to be a Greenland race of the European *C. laborator* Thbg.; as however the sole point of difference from the nominate form has proved not-reliable, Roman now (1933 p. 7) considers the two names to be mere synonyms.

W. G.: [60°40'—70°25'].

E. G.: Jameson Land 71° (Peters 1934 p. 174). Kap Humboldt 73°10', 23.7.34, F. Søgaaard Andersen (Z. M.). Kjerulf Fjord 73°10' (Roman 1933 p. 7.—[c. 71°].

16. *Stylocryptus bicolor* Lundbeck.

Henr. & Lundb. p. 525 (*Stylocryptus bicolor*).

W. G.: [62°—64°11'].

E. G.: ÷

17. *Microcryptus* sp.

E. G.: Clavinging Ø 74°10' (Roman 1933 p. 6).

18. *Phygadeuon cylindraceus* Ruthe.

Henr. & Lundb. p. 525 (*Phygadeuon cylindraceus*).

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 539).—[60°59'—c. 70°10'].

E. G.: [70°27'].

19. *Phygadeuon solidus* Lundb.

Henr. & Lundb. p. 526 (*Phygadeuon solidus*).

W. G.: [61°40'].

E. G.: ÷

20. *Phygadeuon plectiscinus* Roman.

Henr. & Lundb. p. 527 (*Phygadeuon plectiscinus*).

W. G.: [64°10'].

E. G.: ÷

Phygadeuon spp. indet.

W. G.: Majuala 64°45' (Roman 1930 p. 283). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 539—on the latter locality 2 different species).

21. *Astomaspis maesticolor* Roman.

Henr. & Lundb. ÷

W. G.: ÷

- E. G.: Kap Humboldt 73°10' and southern point of Clavering Ø 74° 05' (Roman 1933 p. 8).
22. *Hemiteles clipeator* Lundb.
 Henr. & Lundb. p. 527 (*Hemiteles clipeator*).
 W. G.: [c. 68°40'].
 E. G.: ÷
Hemiteles sp. indet.
 E. G.: [70°25'—Henr. & Lundb. p. 527].
23. *Aclastus gracilis* Th.
 Henr. & Lundb. p. 527 (*Aclastus gracilis*).
 W. G.: [61°35'—64°10'].
 E. G.: ÷
24. *Gelis terebrator* Ratz.
 Henr. & Lundb. p. 528 (*Gelis terebrator*).
 W. G.: Majuala 64°45' (Roman 1930 p. 283). Utorqait in Amerdloq 67° (Carpenter 1938 p. 540).—[61°—69°13'].
 E. G.: ÷
25. *Exolytus* sp.
 W. G.: [c. 69°50', Henr. & Lundb. p. 542].
26. *Atractodes aterrimus* Holmgr.
 Henr. & Lundb. p. 539 (*Atractodes aterrimus*).
 W. G.: Majuala 64°45' (Roman 1930 p. 283)—[61°—68°49'].
 E. G.: Jameson Land c. 70°40' (Roman 1934 p. 607).—[74°35'].
27. *Atractodes bicolor* Grav.
 Henr. & Lundb. p. 540 (*Atractodes bicolor*).
 The Greenland form is the dark coloured *var. arcticus* Holmgr.
 W. G.: [64°10'—69°13'].
 E. G.: Jameson Land c. 70°40' (Roman 1934 p. 607).
28. *Atractodes tenebricosus* Grav.
 Henr. & Lundb. p. 541 (*Atractodes tenebricosus*).
 W. G.: [60°43'—68°49'].
 E. G.: ÷

Pimplinae.

29. *Pimpla sodalis* Ruthe.
 Henr. & Lundb. p. 528 (*Pimpla sodalis*).
 W. G.: Godthaab 64°10', 1930, B. Løppenthin (Z. M.). Utorqait in Amerdloq 67° (Carpenter 1938 p. 540).—[61°13'—c. 70°].
 E. G.: Jameson Land c. 70°40' (Roman 1934 p. 608). Vega Sund 72°50' (Roman 1933 p. 8). Kap Stosch 74°, 20.7.32, Holger Madsen (Z. M.—Roman det.).—[69°44'—70°30'].
30. *Itoplectis alternans* Grav.
 Henr. & Lundb. p. 529 (*Itoplectis Kolthoffi*).

The Greenland form, which was described by Aurivillius as a separate species, is now by Roman (in Carpenter 1938 p. 540) considered a melanistic form (*I. alternans kolthoffi*) of the common European species *I. alternans*.

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 540).—[61°—68°10′].

E. G.: ÷

31. *Aniseres lubricus* Först.

Henr. & Lundb. ÷

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 540).

E. G.: ÷

Ophioninae.

32. *Ophion luteus* L.

Henr. & Lundb. p. 536 (*Ophion luteus*).

W. G.: [60°43′—60°59′].

E. G.: [60°32′].

33. *Anomalon pubescens* Zett.

Henr. & Lundb. p. 536 (*Anomalon pubescens*).

W. G.: [without loc.].

E. G.: ÷

34. *Limneria ? difformis* Grav.

Henr. & Lundb. p. 539 (*Limneria ? difformis*).

W. G.: ÷

E. G.: [75°25′].

35. *Ecphoropsis longiceps* Roman.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Ymers Ø 73°15′ (Roman 1933 p. 11).

36. *Angitia exareolata* Ratz.

Henr. & Lundb. p. 538 (*Angitia exareolata*).

W. G.: [60°55′—61°].

E. G.: ÷

37. *Angitia groenlandica* Roman.

Henr. & Lundb. p. 538 (*Anilastus groenlandicus*).

W. G.: [64°10′].

E. G.: Jameson Land c. 70°40′ (Roman 1934 p. 610).

38. *Angitia combinata* Holmgr.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Moskusoksefjord 73°45′ (Roman 1933 p. 11).

39. *Angitia cf. claripennis* Thoms.

Henr. & Lundb. ÷

W. G.: ÷

- E. G.: Kap Herschel $74^{\circ}15'$ (Roman 1933 p. 12).
40. *Angitia (Inareolata) laticeps* Roman.
 Henr. & Lundb. ÷
 W. G.: Camp Lloyd at the head of Søndre Strømfjord 67° (Carpenter 1938 p. 541).
 E. G.: ÷
41. *Anilasta frigida* Lundb.
 Henr. & Lundb. p. 537 (*Anilastus frigidus*).
 W. G.: [$61^{\circ}13'$ — $61^{\circ}40'$].
 E. G.: Jameson Land c. $70^{\circ}40'$ (Roman 1934 p. 610). Ibid. 71° (Peters 1934 p. 174).—[$70^{\circ}27'$ — $74^{\circ}35'$].
42. *Anilasta pectinata* Thoms.
 Henr. & Lundb. p. 538 (*Astiphromma Deichmanni*).
 This Greenland form, described by Lundbeck as a new species (*Astiphromma Deichmanni*), is referred by Roman (1930 p. 287) to the European species *Anilasta pectinata*.
 W. G.: ÷
 E. G.: [$70^{\circ}27'$; $76^{\circ}46'$].
43. *Holocremna extrema* Holmgr.
 Henr. & Lundb. p. 537 (*Holocremnus extremus*).
 W. G.: Qugssuk $64^{\circ}45'$ (Roman 1930 p. 287). Godhavn $69^{\circ}15'$ (Strand 1905 p. 7).—[without loc.].
 E. G.: ÷
44. *Banchus monileatus* Grav.
 Henr. & Lundb. p. 542 (*Banchus monileatus*).
 W. G.: Qugssuk $64^{\circ}45'$ (Roman 1930 p. 285). Søndre Isortoq $65^{\circ}35'$, July 1932, (common; as at the same time *Rhyacia occulta* was extremely common, this latter is most likely the host), N. L. Nielsen (Z. M.). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 541).—[$60^{\circ}43'$ — $68^{\circ}10'$].
 E. G.: ÷
45. *Mesochorus nigriceps* Ths.
 Henr. & Lundb. p. 542 (*Mesochorus nigripes*).
 The species name was corrected by Roman (1933 p. 9).
 W. G.: [c. $68^{\circ}40'$].
 E. G.: Dickson Fjord $72^{\circ}55'$, Geographical Society Ø c. 73° and Moskusoksefjord $73^{\circ}45'$ (Roman 1933 p. 9).—[$74^{\circ}35'$].
46. *Porizon claviventris* Grav.
 Henr. & Lund. p. 543 (*Porizon laeviceps*).
 The species name was corrected by Roman (1930 p. 288).
 W. G.: Majuala $64^{\circ}45'$ (Roman 1930 p. 288).—[$64^{\circ}11'$].
 E. G.: ÷
47. *Plectiscus hyperboreus* Holmgr.
 Henr. & Lundb. p. 534 (*Plectiscus hyperboreus*).

W. G.: Utorkait in Amerdloq 67° (Carpenter 1938 p. 540).—[62°—68°40'].

E. G.: [70°10'—70°30'].

48. *Plectiscus collaris* Grav.

Henr. & Lundb. p. 535 (*Plectiscus collaris*).

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 540).—[61°30'—68°40'].

E. G.: ÷

49. *Plectiscus arcticus* Roman.

Henr. & Lundb. ÷

W. G.: Majuala 64°45' (Roman 1930 p. 284).

E. G.: ÷

50. *Plectiscus luridus* Först.

Henr. & Lundb. p. 535 (*Plectiscus luridus*).

Roman (1930 p. 284) believes that the Greenland specimen, determined to be this species, should be referred to the above species *arcticus* Rom.

W. G.: [c. 68°40].

E. G.: ÷

Tryphoninae.

51. *Hypamblys albopictus* Grav.

Henr. & Lundb. p. 533 (*Hypamblys transfuga*).

W. G.: [c. 61°].

E. G.: ÷

52. *Saotis hoeli* Roman.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Jameson Land c. 70°40' (Roman 1934 p. 609). Ymers Ø 73°15' (Roman 1933 p. 9).

53. *Mesoleius groenlandicus* Roman.

Henr. & Lundb. ÷

W. G.: Majuala 64°45' (Roman 1930 p. 285).

E. G.: ÷

54. *Mesoleius cf. suspicax* Holmgr.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Kap Petersens 72°25' (Roman 1933 p. 10).

55. ? *Syndipnus* sp.

E. G.: [70°27'—Henr. & Lundb. p. 534 “?Mesoleius sp.”; acc. to Roman (1930) better to refer to the genus *Syndipnus*].

56. *Orthocentrus repentinus* Holmgr.

Henr. & Lundb. ÷

- W. G.: Majuala 64°45' (Roman 1930 p. 284).
E. G.: ÷
57. *Stenomacrus laticollis* Holmgr.
Henr. & Lundb. p. 532 (*Stenomacrus laticollis*).
W. G.: [64°11'; 71°15'].
E. G.: Amdrup Havn 70°25' (Remy 1928 a p. 51, b p. 89).
58. *Stenomacrus terebrator* Roman.
Henr. & Lundb. ÷
W. G.: ÷
E. G. Jameson Land c. 70°40' (Roman 1934 p. 608).
59. *Stenomacrus* ? *callidulus* Holmgr.
Henr. & Lundb. p. 532 (*Stenomacrus* ? *callidulus*).
W. G.: Qugssuk 64°45' (Roman 1930 p. 284 "may be the ? *callidulus* of Lundbeck and even of Holmgren, but suit better still *S. marionellus* Holmgr").—[61°40'].
E. G.: ÷
60. *Stenomacrus* ? *nigricornis* Boh.
Henr. & Lundb. p. 532 (*Stenomacrus* ? *nigricornis*).
W. G.: [60°43'—70°10'].
E. G.: ÷
61. *Stenomacrus* ? *hilaris* Holmgr.
Henr. & Lundb. p. 533 (*Stenomacrus* ? *hilaris*).
W. G.: [68°49'].
E. G.: [70°27'].
62. *Stenomacrus* ? *atratus* Holmgr.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: Ella Ø 72°55', 11.8.33, Holger Madsen (Z. M.—Roman det.).
Daudmannsøyra on Clavinger Ø 74°05' and Kap Humboldt 73°10' (Roman 1933 p. 9).
63. *Diplazon annulatus* Gr.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: Jameson Land c. 70°40' (Roman 1934 p. 609). Dickson Fjord 72°55' and Kap Herschel 74°15' (Roman 1933 p. 10).
64. *Homotropus ornatus* Grav.
Henr. & Lundb. p. 530 (*Homotropus ornatus*).
W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 541).—[c. 68°40'].
E. G.: ÷
65. *Homotropus elegans* Grav.
Henr. & Lundb. p. 530 (*Homotropus elegans*).
The Greenland form is *var. nigritarsus* Roman.

W. G.: Majuala 64°45' (Roman 1930 p. 285). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 541).—[c. 61°30'—c. 68°40'].

E. G.: Jameson Land c. 70°40' (Roman 1934 p. 610).—"H. groenlandicus"). Kap Herschel 74°15' (Roman 1933 p. 11).—[70°27'].

66. *Homotropus melanogaster* Holmgr.

Henr. & Lundb. p. 531 (*Homotropus melanogaster*).

W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 541).—[61°40'—68°49'].

E. G.: ÷

Braconidae.

Flexiliventes.

67. *Aphidius picipes* Nees.

Henr. & Lundb. p. 543 (*Aphidius picipes*).

W. G.: [61°40'; Nordgr.].

E. G.: ÷

68. *Praon abjectus* Hal.

Henr. & Lundb. p. 544 (*Praon abjectus*).

W. G.: [c. 61°; c. 68°40'].

E. G.: ÷

Polymorphi.

69. *Meteorus islandicus* Ruthe.

Henr. & Lundb. p. 545 (*Meteorus islandicus*).

W. G.: [60°59'—c. 68°40'].

E. G.: ÷

70. *Hormius moniliatus* Nees.

Henr. & Lundb. p. 545 (*Hormius moniliatus*).

W. G.: ÷

E. G.: [70°27'].

Areolarii.

71. *Microplitis mediator* Hal.

Henr. & Lundb. p. 546 (*Microplitis mediator*).

W. G.: [without loc.].

E. G.: ÷

72. *Microplitis coactus* Lundb.

Henr. & Lundb. p. 546 (*Microplitis coactus*).

W. G.: [without loc.; cocoons, possibly of this species, 61°35'—69°05'].

E. G.: ÷

73. *Apanteles fulvipes* Hal.

Henr. & Lundb. p. 547 (*Apanteles fulvipes*).

W. G.: [68°49'].

E. G.: ÷

74. *Apanteles halli* Pack.Henr. & Lundb. p. 547 (*Apanteles Hallii*).

W. G.: [81°30'].

E. G.: ÷

Apanteles spp. indet.E. G.: [70°27'—70°30', Henr. & Lundb. p. 548]. Vega Sund 72°50'
(Roman 1933 p. 12).

Exodonti.

75. *Alysia manducator* Fabr.

Henr. & Lundb. p. 548.

W. G.: [60°59'—61°13'].

E. G.: ÷

76. *Aspilota* sp. indet.E. G.: Husbukta on Geographical Society Ø 72°50' (Roman 1933
p. 12).

Chalcididae.

Encyrtinae.

77. *Microterys interpunctus* Dalm.Henr. & Lundb. p. 549 (*Microterys interpunctus*).

W. G.: [60°55'].

E. G.: ÷

78. *Microterys tessellatus* Dalm.

Henr. & Lundb. ÷

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 542).

E. G.: ÷

Pteromalinae.

79. *Isocratus vulgaris* Först.Henr. & Lundb. p. 549 (*Isocratus vulgaris*).

W. G.: [61°10'—61°30'].

E. G.: ÷

80. *Sphegigaster* sp.

W. G.: [c. 62°—Henr. & Lundb. p. 550].

81. *Habrocytus* sp.W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938
p. 542).82. *Pachyneuron groenlandicum* Holmgr.Henr. & Lundb. p. 550 (*Pachyneuron groenlandicum*).

W. G.: [c. 60°49'—70°25'].

E. G.: ÷

Miscogastrinae.

83. *Lamprotatus* ? *pilicornis* Thoms.Henr. & Lundb. p. 551 (*Lamprotatus* ? *pilicornis*).

W. G.: [c. 61°—c. 62°].

E. G.: ÷

84. *Dicyclus* sp.

W. G.: [c. 68°40'—Henr. & Lundb. p. 551].

Chalcididae spp. indet.

E. G.: [70°27'—Henr. & Lundb. p. 552]. Röhss Fjord 72°45' (Roman 1933 p. 13).

Proctotrypidae.

Belytinae.

85. *Zygota* ? *americana* Ashm.

Henr. & Lundb. p. 552 (*Zygota* ? *americana*).

W. G.: [c. 61°; c. 68°40'].

E. G.: ÷

Cynipidae.

Figitinae.

86. *Anacharis eucharoides* Dalm.

Henr. & Lundb. ÷

W. G.: Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 543).

E. G.: ÷

Apidae.

87. *Alpinibombus hyperboreus* Schönh.

Henr. & Lundb. p. 553 (*Bombus hyperboreus*).

The Greenland form of this species is *A. hyperboreus eskimo* Skorikov (Skorikov 1937 p. 57).

W. G.: Qugssuk and Majuala 64°45' (Richards 1931 p. 22). Thule Havn 76°30', 14.7.16, in an old *Saxicola oenanthe* nest, P. Freuchen (Z. M.). Thule 76°30', 18.7.18, P. Freuchen (Z. M.). Saunders Ø 76°30', 26.6.15, P. Freuchen (Z. M.). Between 76°30' and 78°20' (Frison 1919 p. 456).—[60°43'—78°17' acc. to Skorikov l. c.].

E. G.: Søkongens Bugt 68°42', d'Aunay Bugt 69°, Barclay Bugt 69°10' and Kap Dalton 69°24' (Henriksen 1935 p. 4). Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 89). Jameson Land c. 70°40' (Lack 1934 p. 605). Ibid. 71° (Peters 1934 p. 174). Between 72° and 75° (Friese 1935 p. 3). Kongeborgen c. 72°40', 20.6.34, F. Søgaaard Andersen (Z. M.). Kap Humboldt 73°10', 13.6.34, F. Søgaaard Andersen (Z. M.). Kap Petersens 72°25', 9.6.34, F. Søgaaard Andersen (Z. M.). Vildtland 81°30', 21.7.12, P. Freuchen (Z. M.).—[69°—81°30' acc. to Skorikov l. c.].

88. *Alpinibombus arcticus* Kby.

Henr. & Lundb. p. 554 (*Bombus Kirbyellus*).

The Greenland form of this species is *A. arcticus arcticus* Kby.

W. G.: Qugssuk and Majuala 64°45' (Richards 1931 p. 23). Godhavn 69°15' (Strand 1905 p. 6). Ibid. 1924, M. P. Porsild (Z. M.). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532). Between 76°30' and 78°20' (Frison 1919 p. 457 "B. polaris"). Etah 78°20' (Carpenter 1937 p. 407).—[59°55'—81°30' acc. to Skorikov l. c.].

E. G.: Søkongens Bugt 68°42' and Barclay Bugt 69°10' (Henriksen 1935 p. 4. Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 89). Jameson Land and Liverpool Land c. 70°40' (Lack 1934 p. 605). Jameson Land 71° (Peters 1934 p. 174). Between 72° and 75° (Friese 1935 p. 3). Ella Ø 72°55', 12.8.33, F. Søgaaard Andersen (Z. M.). J. P. Kochs Fjord 82°50', 21.6.17, Th. Wulff (Z. M.). Adam Bierings Land c. 81°45', 20.6.12, P. Freuchen (Z. M.). Kap Schmelek 81°50', 24.6.12, P. Freuchen (Z. M.).—[65°30'—81°50' acc. to Skorikov l. c.].

Species the Greenland records of which must be considered doubtful or erroneous:

Alpinibombus balteatus Dahlb. Franklin (The Bombidae of the New World I. Trans. Amer. Ent. Soc. XXXVIII 1912 p. 290, 298, 302) mentions the occurrence of 3 species of bombi in Greenland, viz. *kirbyellus*, *polaris* and *arcticus*. Of these is *polaris* = *arcticus* Kby, and *arcticus* = *hyperboreus* Schönh., while *kirbyellus* is = *A. balteatus* Dahlb. otherwise not occurring in Greenland. The record: Greenland for this latter species has surely come into the work of Franklin through a mere misinterpretation, as *arcticus* in the Danish literature until recent time (erroneously) was termed *kirbyellus*. Frison (1919 p. 454) is surprised that the Crocker Land Expedition only caught *hyperboreus* and *polaris*, but no *kirbyellus* "as it is reported from Greenland". It will be understood that this is not at all surprising.

Pratibombus melanopygus Nyl. Mentioned by Friese (1935 p. 3) from West Greenland, but without especial locality. As pointed out by Skorikov (1937 p. 43 and 60) Greenland is so distant from the continuous area of distribution (in northern and western America) that an occurrence in Greenland looks very improbable.

Diptera.

Trichoceridae.

1. *Trichocera lutea* Becher.

Henr. & Lundb. p. 602 (*Trichocera hiemalis*).

W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 544 "T. ?lutea").—[61°; Nordgrønland.].

E. G.: Ravns Fjord 68°30' (Späreck 1935 p. 11). Rosenvinges Bugt 70°25' (Edwards 1935 p. 473). Danmarks Havn 76°46', in great numbers 1926, Østgrønlandske Kompagni (Z. M.).—[69°24'—c. 71°].

2. *Trichocera maculipennis* Meig.

Henr. & Lundb. p. 601 (*Trichocera maculipennis*).

W. G.: [without loc.].

E. G.: ÷

3. *Trichocera regelationis* L.

Henr. & Lundb. p. 601 (*Trichocera regelationis*).

W. G.: Etah 78°20' (Carpenter 1937 p. 404, 407 "T. sp. cf. *regelationis*").—[66°56'—82°].

E. G.: ÷

Trichocera spp. indet.

W. G.: Majuala 64°45' (Edwards 1931 p. 618).

Scatopsidae.5. *Scatopse notata* L.

Henr. & Lundb. p. 571 (*Scatopse notata*).

W. G.: [60°43'—60°59'].

E. G.: ÷

Cecidomyiidae.6. *Campylomyza atra* Meig.

Henr. & Lundb. p. 597 (*Campylomyza atra*).

W. G.: [60°49'—68°40'].

E. G.: ÷

7. *Lestodiplosis* sp. indet.

W. G.: [70°40'—Henr. & Lundb. p. 598].

8. *Cecidomyia* sp. indet.

E. G.: Ella Ø 72°55' (Marie Jørgensen 1934 p. 27).

Sciaridae.9. *Phorodonta flavipes* Meig.

Henr. & Lundb. p. 561 (*Sciara flavipes*).

W. G.: [without loc.].

E. G.: ÷

10. *Sciara* (*Neosciara*) *attenuata* Rübs.

Henr. & Lundb. p. 557 (*Sciara attenuata*).

W. G.: [68°40'—70°25'].

E. G.: ÷

11. *Sciara* (*Neosciara*) *cochleata* Rübs.

Henr. & Lundb. p. 559 (*Sciara cochleata*).

W. G.: [62°40'—70°25'].

E. G.: ÷

12. *Sciara* (*Neosciara*) *iridipennis* Zett.

Henr. & Lundb. p. 560 (*Sciara iridipennis*).

W. G.: [without loc.].

E. G.: ÷

13. *Sciara* (*Neosciara*) *meigeni* Rübs.

Henr. & Lundb. p. 557 (*Sciara tridentata*).

- W. G.: [68°40'—70°25'].
E. G.: ÷
14. *Sciara* (*Neosciara*) ? *nervosa* Meig.
Henr. & Lundb. p. 558 (*Sciara* ?*fucata*).
W. G.: [67°25].
E. G.: ÷
15. *Sciara* (*Neosciara*) ? *nigripes* Meig.
Henr. & Lundb. p. 559 (*Sciara* ?*nigripes*).
W. G.: [62°40'].
E. G.: ÷
16. *Sciara* (*Neosciara*) *marginata* Rübs.
Henr. & Lundb. p. 563 (*Sciara marginata*).
W. G.: [70°25'].
E. G.: ÷
17. *Sciara* (*Neosciara*) *septentrionalis* Rübs.
Henr. & Lundb. p. 564 (*Sciara septentrionalis*).
W. G.: [70°25'].
E. G.: ÷
18. *Sciara* (*Neosciara*) ? *pulicaria* Meig.
Henr. & Lundb. p. 563 (*Sciara* ?*pulicaria*).
W. G.: [60°43'—68°42'].
E. G.: ÷
19. *Sciara* (*Heterosciara*) *biformis* Lundb.
Henr. & Lundb. p. 563 (*Sciara biformis*).
W. G.: [66°56'—68°49'].
E. G.: ÷
20. *Sciara* (*Heterosciara*) *borealis* Rübs.
Henr. & Lundb. p. 564 (*Sciara borealis*).
W. G.: [70°25'].
E. G.: ÷
21. *Sciara* (*Heterosciara*) *consimilis* (Holmgr.) Edw.
Henr. & Lundb. ÷
W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 546).
E. G.: ÷
22. *Sciara* (*Heterosciara*) *glacialis* Rübs.
Henr. & Lundb. p. 564 (*Sciara glacialis*).
W. G.: [70°25'].
E. G.: ÷
23. *Sciara* (*Heterosciara*) *forcipulata* Lundb.
Henr. & Lundb. p. 558 (*Sciara forcipulata*).
W. G.: [62°40'; 68°40'].
E. G.: ÷

24. *Sciara (Heterosciara) groenlandica* Holmgr.
 Henr. & Lundb. p. 559 (*Sciara groenlandica*).
 W. G.: [Nordgr.; without loc.].
 E. G.: ÷
25. *Sciara (Heterosciara) fumatella* Holmgr.
 Henr. & Lundb. p. 560 (*Sciara fumatella*).
 W. G.: [65°25'].
 E. G.: ÷
26. *Sciara (Heterosciara) humicola* Lundb.
 Henr. & Lundb. p. 561 (*Sciara humicola*).
 W. G.: [61°30'—65°25'].
 E. G.: ÷
27. *Sciara (Heterosciara) permutata* Lundb.
 Henr. & Lundb. p. 562 (*Sciara permutata*).
 W. G.: [68°42'—69°44'].
 E. G.: ÷
28. *Sciara (Heterosciara) ?pallidiventris* Holmgr.
 Henr. & Lundb. p. 562 (*Sciara ?pallidiventris*).
 W. G.: [66°56'—68°40'].
 E. G.: ÷

Note: F. Lengersdorf (*Lycoriidae* (*Sciaridae*) in Lindner: Die Fliegen der paläarktischen Region) unites the six species (23—28) dealt with above in the following way:

Sciara forcipulata Lundb. (= *forcipulata* Lundb.
 = *humicola* Lundb. pars)
Sciara glacialis Rübs. (= *fumatella* Lundb.
 = *humicola* Lundb. pars
 = *permutata* Lundb.)

and in the latter species (*glacialis* Rübs.) he also includes—with a query however—*Sc. groenlandica* Holmgr. and *pallidiventris* Holmgr.

29. *Sciara (Heterosciara) nemoralis* Meig.
 Henr. & Lundb. p. 561 (*Sciara aprilina*).
 W. G.: [66°56'—68°40'].
 E. G.: ÷
30. *Sciara (Scatopsiara) vivida* Winn.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 546).
 E. G.: ÷
Sciara spp. indet.
 W. G.: Qugssuk 64°45' (Edwards 1931 p. 617). Utorqait in Amerdloq
 and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 546).
 E. G.: Lake Fjord 66°17' (Edwards 1935 p. 469). [without loc.—
 Henr. & Lundb. p. 565].

Mycetophilidae.

31. *Bolitophilella cinerea* Meig.
 Henr. & Lundb. p. ÷
 W. G.: Etah 78°20' (Carpenter 1937 p. 407).
 E. G.: ÷
32. *Mycomyia tenuis* Walk.
 Henr. & Lundb. p. 565 (*Sciophila* ?*apicalis*).
 Edwards (1935 l. c.) has referred the material of *Sc.* ?*apicalis* in the Copenhagen Museum to the present species.
 W. G.: ÷
 E. G.: Lake Fjord 66°17' (Edwards 1935 p. 468).—[70°15'].
33. *Sciophila hirta* Meig.
 Henr. & Lundb. p. 565 (*Lasiosoma hirtum*).
 W. G.: [60°43'—69°44'].
 E. G.: ÷
34. *Gnoriste groenlandica* Lundb.
 Henr. & Lundb. p. 568 (*Gnoriste groenlandica*).
 W. G.: [c. 61°; 70°40'].
 E. G.: Lake Fjord 66°17' (Edwards 1935 p. 468).
35. *Boletina arctica* Holmgr.
 Henr. & Lundb. p. 567 (*Boletina arctica*).
 W. G.: Etah 78°20' (Carpenter 1937 p. 407).—[68°40'—70°40'].
 E. G.: ÷
36. *Boletina groenlandica* Stæger.
 Henr. & Lundb. p. 566 (*Boletina groenlandica*).
 W. G.: Qugssuk 64°45' (Edwards 1931 p. 617). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 546).—[61°40'—68°40'].
 E. G.: ÷
37. *Boletina sciarina* Stæger.
 Henr. & Lundb. p. 567 (*Boletina sciarina*).
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 546 "B. sp. cf. *sciarina*").—[68°40'—70°40'].
 E. G.: ÷
38. *Exechia bicincta* Stæger.
 Henr. & Lundb. p. 569 (*Exechia interrupta*).
 W. G.: [c. 68°40'].
 E. G.: ÷
39. *Exechia fusca* Meig.
 Henr. & Lundb. p. 570 (*Exechia fungorum*).
 Edwards proposes that the Greenland specimens determined to be this species really belongs to the next species (*frigida* Holmgr.).
 W. G.: [60°59'—68°49'].
 E. G.: [70°15'—70°30'].

40. *Exechia frigida* Holmgr.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Edwards 1931 p. 617).
 E. G.: Lake Fjord 66°17 and Liverpool Land c. 70°40' (Edwards 1935 p. 469).
41. *Exechia nitidicollis* Lundstr.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Jameson Land c. 70°40' (Edwards 1935 p. 469).
42. *Rhymosia lacki* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Constable Dal on Jameson Land 70°40' (Edwards 1935 p. 468).
43. *Allodia unicolor* Lundb.
 Henr. & Lundb. p. 568 (*Brachycampta unicolor*).
 W. G.: [c. 70°40].
 E. G.: ÷
44. *Trichonta obesa* Winn.
 Henr. & Lundb. p. 568 (*Trichonta obesa*).
 W. G.: [64°12'].
 E. G.: ÷
45. *Phronia exigua* Zett.
 Henr. & Lundb. p. 569 (*Phronia rustica*).
 W. G.: [ca. 68°40'—70°40'].
 E. G.: ÷
Phronia sp. indet.
 W. G.: Qugssuk 64°45' (Edwards 1931 p. 617).
46. *Mycetophila fungorum* De Geer.
 Henr. & Lundb. p. 571 (*Mycetophila punctata*).
 W. G.: Qugssuk 64°45' (Edwards 1931 p. 617).—[61°13'—61°30'].
 E. G.: ÷
Mycetophilidae spp. indet. (larvae).
 E. G.: Kangerdlugssuaq 68°05' (Spärck 1935 p. 10). Ella Ø 72°55' (Jørgensen 1934 p. 12, 16, 19).

Simuliidae.

47. *Simulium arcticum* Mall.
 Henr. & Lundb. p. 596 (*Simulium reptans*).
 W. G.: Qugssuk and Majuala 64°45' (Edwards 1931 p. 618). Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 547).—[60°49'—68°49'].
 E. G.: ÷

48. *Simulium groenlandicum* Enderlein.
 Henr. & Lundb. ÷
 "Vermutlich ist es diese Art, die bisher von Grønland als *S. reptans* (L. 1758) berichtet wurde" (Enderlein 1935 p. 364).
 W. G.: Agssakâq 70°25' (Enderlein 1935 p. 363).
 E. G.: ÷
49. *Simulium vittatum* Zett.
 Henr. & Lundb. p. 597 (*Simulium vittatum*).
 W. G.: Qugssuk and Majuala 64°45' (Edwards 1931 p. 618). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 546). Ege 69°45' (Mercanton 1925 p. 268).—[Along the whole West coast].
 E. G.: ÷
50. *Simulium (Prosimulium) ursinum* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Lake Fjord 66°17' and Kap Dalton 69°24' (Edwards 1935 p. 473).
51. *Psilozia groenlandica* Enderlein.
 Henr. & Lundb. ÷
 W. G.: Agssakâq 70°25' (Enderlein 1936 p. 114).
 E. G.: ÷

Culicidae.

52. *Aedes nigripes* Zett.
 Henr. & Lundb. p. 595 (*Culex nigripes*).
 Dyar & Knab (Insec. Ins. Mens. V 1917 p. 167) consider the Greenland mosquito to belong to another species than the Lapland mosquito, this latter being the real *nigripes* Zett., while the Greenland species is called *innuitus* D. & K. Authors of recent time, however, still name the Greenland form *nigripes* Zett.
 W. G.: Qugssuk and Majuala 64°45' (Edwards 1931 p. 618). Utorqait in Amerdloq 67° (Carpenter 1938 p. 544). Egedesminde 68°42' and Godhavn 69°15' (Natvig 1930 p. 358). Ege 69°45' (Mercanton 1925 p. 268). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).—[Along the whole West Coast].
 E. G.: d'Aunay Bugt 69° (Spärck 1935 p. 11). Lake Fjord 66°17', Constable Dal 70°40', Constable Pynten 70°40' and Jameson Land c. 70°40' (Edwards 1935 p. 473). Kap Stewart 70°25' and Amdrups Havn 70°25' (Remy 1928 a p. 51, b p. 92 "A. (Oehler.) alpinus").—[Common everywhere].

Ceratopogonidae.

(Cf. Fr. Søgaaard Andersen: Ueber die Metamorphose der Ceratopogoniden und Chironomiden Nordost-Grönlands 1937).

53. *Forcipomyia (Thyridomyia) sp.* indet.

E. G.: Ella Ø 72°55' (Jørgensen 1934 p. 13, 27). Ella Ø and Kap Alfred 72°50' (Søgaaard Andersen 1937 p. 12).

54. *Dasyhelia scutellata* Meig.

Henr. & Lundb. p. 573 (*Ceratopogon scutellatus*).

W. G.: [c. 68°40'].

E. G.: ÷

55. *Culicoides minutissimus* Zett.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Ella Ø 72°55' and Ymers Ø 73°15' (Søgaaard Andersen 1937 p. 15).

56. *Culicoides sordidellus* Zett.

Henr. & Lundb. p. 572 (*Ceratopogon sordidellus*).

W. G.: Camp Lloyd in Søndre Strømfjord 67° (Carpenter 1938 p. 545).—[60°49'—68°40'].

E. G.: ÷

Culicoides sp. indet.

E. G.: Ella Ø 72°55' (Jørgensen 1934 p. 27).

57. *Ceratopogon borealis* Kieff.

Henr. & Lundb. p. 573 (*Ceratopogon lacteipennis*).

W. G.: [68°40'].

E. G.: Ella Ø 72°55' (Søgaaard Andersen 1937 p. 18).—[70°27'].

Chironomidae.

(Cf. Fr. Søgaaard Andersen: Ueber die Metamorphose der Ceratopogoniden und Chironomiden Nordost-Grönlands 1937).

Tanypodinae.58. *Trichotanypus choreus* Meig.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Ella Ø 72°55' (Søgaaard Andersen 1937 p. 21).

59. *Trichotanypus crassinervis* Zett.

Henr. & Lundb. p. 593 (*Tanypus crassinervis*).

W. G.: Qugssuk 64°45' (Edwards 1931 p. 618 "Procladius crassinervis").—[without loc.].

E. G.: ÷

Trichotanypus spp. indet.

E. G.: Loch Fyne ca. 73°50' (Goetghebuer 1933 p. 20, 30 "Procladius sp."), Kap Herschel 74°15' (l. c. p. 31 "Procladius sp.").

60. *Macropelopia* sp. indet.
E. G.: Loch Fyne ca. 73°50' (Goetghebuer 1933 p. 30).
61. *Tanypus melanosoma* Goetg.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 24—with a query).
Loch Fyne 73°50' (Goetghebuer 1933 p. 20, 30 “*Ablabesmyia melanosoma*”).
62. *Tanypus pulchripennis* Lundb.
Henr. & Lundb. p. 592 (*Tanypus pulchripennis*).
W. G.: Qugssuk and Majuola 64°45' (Edwards 1931 p. 618 “*Penta-neura pulchripennis*”).—[68°42'].
E. G.: ÷
63. *Tanypus pictipennis* Zett.
Henr. & Lundb. p. 592 (*Tanypus pictipennis*).
W. G.: Qugssuk 64°45' (Edwards 1931 p. 618 “*Anatopynia picti-pennis*”).—[without loc.].
E. G.: ÷
64. *Tanypus tibialis* Stæger.
Henr. & Lundb. p. 593 (*Tanypus tibialis*).
W. G.: [60°43'—61°13'; without loc.].
E. G.: ÷
65. *Podonomus posticalis* Lundb.
Henr. & Lundb. p. 594 (*Tanypus posticalis*).
W. G.: [c. 68°40'].
E. G.: ÷
66. *Podonomus peregrinus* Edw.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: Lake Fjord 66°17' (Edwards 1935 p. 469).
Tanypodinae spp. indet.
E. G.: Clavering Ø c. 74°15' (Goetghebuer 1933 p. 30).

Chironominae.

67. *Endochironomus oldenbergi* Goetg.
Henr. & Lundb. ÷
W. G.: ÷
E. G.: Loch Fyne c. 73°50' (Goetghebuer 1933 p. 21, 30).
68. *Chironomus hyperboreus* Stæger.
Henr. & Lundb. p. 575 (*Chironomus hyperboreus*).
W. G.: Qugssuk 64°45' (Edwards 1931 p. 618—with a query).—
[68°42'; without loc.].

- E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 28).—[70°27'; 76°46'].
69. *Chironomus stægeri* Lundb.
 Henr. & Lundb. p. 575 (*Chironomus Staegeri*).
 W. G.: [68°10'—c. 68°42'].
 E. G.: ÷
70. *Chironomus riparius* Meig.
 Henr. & Lundb. p. 576 (*Chironomus riparius*).
 W. G.: Qugssuk and Majuala 64°45' (Edwards 1931 p. 68 “Ch. cf. riparius”). [62°—68°42'].
 E. G.: ÷
71. *Chironomus brevitibialis* Zett.
 Henr. & Lundb. p. 577 (*Chironomus brevitibialis*).
 W. G.: [64°10'].
 E. G.: ÷
Chironomus spp. indet.
 W. G.: Thule 76°30', 13.7.16, 3 larvae, R. Späreck det. (Z. M.).
 E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90). Myggbukta 73°35' (Goetghebuer 1933 p. 31).
72. *Pentapedilum (Sergentia) coracina* Zett.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 31).
73. *Micropsectra natvigii* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Loch Fyne c. 73°50' (Goetghebuer (1933 p. 21)).
74. *Micropsectra groenlandica* Søgaard Andersen.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 34).
75. *Micropsectra gmundensis* Egg.
 Henr. & Lundb. p. 577 (*Chironomus ?brunnipes*).
 W. G.: [68°49'].
 E. G.: ÷
76. *Micropsectra recurvata* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Lake Fjord 66°17' (Edwards 1935 p. 473).
77. *Phoenopelma sp.* indet.
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 37).
78. *Ditanytarsus setosimanus* Goetg.
 Henr. & Lundb. ÷

- W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 38). Loch Fyne
 c. 73°50' (Goetghebuer 1933 p. 21).
79. *Tanytarsus niger* Søgaard Andersen.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 40).
80. *Tanytarsus junci* Meig.
 Henr. & Lundb. p. 586 (*Tanytarsus junci*).
 W. G.: [60°43'].
 E. G.: ÷
81. *Tanytarsus tenuis* Meig.
 Henr. & Lundb. p. 587 (*Tanytarsus tenuis*).
 W. G.: [61°13'].
 E. G.: ÷
Tanytarsus spp. indet.
 W. G.: Thule 76°30', 13.7.16, 3 larvae of *Tanytarsus inermis*-group,
 R. Späreck det. (Z. M.).
 E. G.: Liverpool Land c. 70°40' (Edwards 1935 p. 473). Loch Fyne
 c. 73°50' (Goetghebuer 1933 p. 22).

Orthocladiinae.

82. *Metriocnemus ursinus* Holmgr.
 Henr. & Lundb. p. 587 (*Metriocnemus ursinus*).
 W. G.: [66°56'—68°49'].
 E. G.: Kap Dalton 69°24' and Liverpool Land c. 70°40' (Edwards
 1935 p. 471). Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90).
83. *Metriocnemus similis* Kieff.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 46).
84. *Metriocnemus atratulus* Zett.
 Henr. & Lundb. p. 589 (*Metriocnemus atratulus*).
 W. G.: [65°25'—66°56'].
 E. G.: ÷
85. *Metriocnemus longitarsus* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Herschel 74°15' (Goetghebuer 1933 p. 24).
86. *Metriocnemus fuscipes* Meig.
 Henr. & Lundb. p. 588 (*Metriocnemus fuscipes*).
 W. G.: [66°56'—70°40'].

- E. G.: Kap Herschel 74°15' and Revet at Cleaving Fjord 74°25' (Goetghebuer 1933 p. 22).
87. *Metriocnemus incomptus* Zett.
 Henr. & Lundb. p. 589 (*Metriocnemus incomptus*).
 W. G.: [c. 60°49'].
 E. G.: ÷
88. *Metriocnemus lundbecki* Johansen.
 Henr. & Lundb. p. 590 (*Metriocnemus Lundbeckii*).
 W. G.: [61°—61°13'].
 E. G.: ÷
89. *Metriocnemus debilipennis* Lundb.
 Henr. & Lundb. p. 590 (*Metriocnemus debilipennis*).
 W. G.: [61°—61°35'].
 E. G.: ÷
- Metriocnemus* spp. indet.
 W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 544).
 E. G.: Hurry Fjord c. 70°40', Ella Ø 72°55' and Kap Alfred 72°50' (Søgaard Andersen 1937 p. 46 ff.). Clavinger Ø ca. 74°15' (Goetghebuer 1933 p. 30).
90. *Cricotopus basalis* Stæger.
 Henr. & Lundb. p. 581 (*Orthocladius basalis*).
 W. G.: [Nordgrønl.; without loc.].
 E. G.: Lake Fjord 66°17' and Liverpool Land c. 70°40' (Edwards 1935 p. 471). Ella Ø 72°55' (Søgaard Andersen 1937 p. 55). Myggbukta 73°35' and Kap Herschel 74°15' (Goetghebuer 1933 p. 24).
91. *Cricotopus glacialis* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 51).
92. *Cricotopus vitripennis* Meig.
 Henr. & Lundb. p. 583 (*Orthocladius variabilis*).
 W. G.: Qugssuk and Majuala 64°45' (Edwards 1931 p. 618). Utorqait in Amerdloq 67° (Carpenter 1938 p. 544).—[c. 60°49'—68°49'].
 E. G.: ÷
93. *Cricotopus polaris* Kieff.
 Henr. & Lundb. ÷
 W. G.: Godhavn 69°15' (Kieffer 1925 p. 84).
 E. G.: ÷
94. *Trichocladius* ? *bacilliger* Kieff.
 Henr. & Lundb. ÷
 W. G.: Godhavn 69°15' (Kieffer 1925 p. 86).
 E. G.: ÷

95. *Trichocladius chapmani* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Lake Fjord 66°17' and Liverpool Land c. 70°40' (Edwards 1935 p. 471).
96. *Psectrocladius limbatellus* Holmgr.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Edwards 1931 p. 618—with a query).
 E. G.: Liverpool Land c. 70°40' (Edwards 1935 p. 472). Ella Ø 72°55' and Fulachtal in Kempe Fjord 72°50' (Søgaard Andersen 1937 p. 60—61).
97. *Psectrocladius armatus* Søgaard Andersen.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 56).
98. *Psectrocladius* ? *sordidellus* Zett.
 Henr. & Lundb. p. 584 (*Orthocladius* ?*sordidellus*).
 W. G.: [68°10'].
 E. G.: ÷
Psectrocladius sp. indet.
 E. G.: Ella Ø 72°55' (Jørgensen 1934 p. 27).
99. *Orthocladius* (*Chaetocladius*) *adsimilis* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Geographical Society Ø c. 73° (Goetghebuer 1933 p. 25).
100. *Orthocladius* (*Chaetocladius*) *fusistylis* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: "au bord de la mer" i. e. c. 73° (Goetghebuer 1933 p. 26).
Orthocladius (*Chaetocladius*) spp. indet. (larvae).
 Ella Ø 72°55' and Fulachtal 72°50' (Søgaard Andersen 1937 p. 65).
 Ella Ø 72°55', Traill Ø c. 72°40', and Nordfjord 73°40' (Jørgensen 1934 p. 27, 30, 32 resp.—"Camptocladius vitellinus-group").
101. *Orthocladius* (*Dactylocladius*) *knabeni* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Fame Øer 70°50' (Søgaard Andersen 1937 p. 66). Vega Sund 72°50' (Goetghebuer 1933 p. 26).
102. *Orthocladius* (*Dactylocladius*) *groenlandicus* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Vega Sund 72°50' (Goetghebuer 1933 p. 26).

103. *Orthocladius (Dactylocladius) spitzbergensis* Kieff.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90).
104. *Orthocladius (Dactylocladius) ? microcomus* Kieff.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 67).
105. *Orthocladius (Heterotanytarsus) graminicola* Lundb.
 Henr. & Lundb. p. 580 (*Camptocladius graminicola*).
 W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 544 "*Metriocne-
 mus (Paraphaenocladius) graminicola ?*")—[c. 68°40'].
 E. G.: ÷
106. *Orthocladius (Heterotanytarsus) subpilosus* Kieff.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Liverpool Land c. 70°40' (Edwards 1935 p. 472).
107. *Orthocladius (Orthocladius) difficilis* Lundb.
 Henr. & Lundb. p. 586 (*Orthocladius difficilis*).
 W. G.: [68°40'; 69°44'].
 E. G.: ÷
108. *Orthocladius (Orthocladius) mixtus* Holmgr.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Lake Fjord 66°17' and Jameson Land c. 70°40' (Edwards
 1935 p. 472). Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90 ("*Orth.
 arcticus*")).
109. *Orthocladius (Orthocladius) frigidus* Zett.
 Henr. & Lundb. p. 582 (*Orthocladius frigidus*).
 W. G.: [60°43'—61°13'; Nordgrønland].
 E. G.: Constable Valley 70°40' and Liverpool Land c. 70°40' (Ed-
 wards 1935 p. 472). Narhvalsund 72°45', Ella Ø 72°55' and Kap Alfred
 72°50' (Søgaard Andersen 1937 p. 65).
110. *Orthocladius (Orthocladius) ? gelidus* Kieff.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' and Kap Alfred 72°50' (Søgaard Andersen 1937
 p. 66).
111. *Orthocladius (Orthocladius) ? consobrinus* Holmgr.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' and Ymers Ø c. 73°15' (Søgaard Andersen
 1937 p. 66).

112. *Orthocladius (Orthocladius) minutus* Zett.
 Henr. & Lundb. p. 585 (*Orthocladius minutus*).
 W. G.: [61°—68°40′].
 E. G.: ÷
113. *Orthocladius (Orthocladius) claripennis* Lundb.
 Henr. & Lundb. p. 585 (*Orthocladius claripennis*).
 W. G.: [60°43′—61°35′].
 E. G.: ÷
114. *Orthocladius (Orthocladius) decoratus* Holmgr.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Stewart 70°25′ (Remy 1928 a p. 51, b p. 90). Vega Sund 72°50′ and Revet at Claving Sund 74°25′ (Goetghebuer 1933 p. 26).
115. *Orthocladius (Orthocladius) cf. rubicunda* Meig.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 544).
 E. G.: ÷
116. *Orthocladius (Orthocladius) cf. vernalis* Goetg.
 Henr. & Lundb. ÷
 W. G.: Camp Lloyd in Søndre Strømfjord 67° (Carpenter 1938 p. 544).
 E. G.: ÷
Orthocladius (Orthocladius) spp. indet.
 W. G.: Qugssuk 64°45′ (Edwards 1931 p. 618). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 544).
 E. G.: Angmagssalik 65°35′ (Hammer 1937 p. 20, 24). Ravns Fjord 68°30′ (Späreck 1935 p. 11 “saxicola-group”). Liverpool Land c. 70°40′ (Edwards 1935 p. 472 “a species of Group C, the hypopygium much as in *S. (O.) thienemanni* Kieff.”). Jameson Land c. 70°40′ (Edwards 1935 p. 472 “a small species of Group D”). Ella Ø 72°55′ (Søgaard Andersen 1937 p. 66 “saxicola-group”).
117. *Limnophyes atomarius* Zett.
 Henr. & Lundb. p. 586 (*Orthocladius atomarius*).
 W. G.: [c. 68°40′].
 E. G.: ÷
118. *Limnophyes globifer* Lundstr.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Jameson Land c. 70°40′ (Edwards 1935 p. 472).
119. *Limnophyes eltoni* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷

- E. G.: Lake Fjord 66°17' (Edwards 1935 p. 472). Ella Ø 72°55' (Søgaard Andersen 1937 p. 72—"L. eltoni var. squamatus").
120. *Limnophyes borealis* Goetg.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 544).
 E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 70 "L. borealis var. squamatus"). Kap Herschel 74°15' (Goetghebuer 1933 p. 29).
121. *Limnophyes groenlandicus* Søgaard Andersen.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55' and Fulachtal 72°50' (Søgaard Andersen 1937 p. 70).
122. *Limnophyes pumilio* Holmgr.
 Henr. & Lundb. p. 580 (*Camptocladus pumilio*).
 W. G.: [60°49'—68°42'].
 E. G.: ÷
123. *Limnophyes cf. minima* Meig.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 545).
 E. G.: ÷
Limnophyes spp. indet. (larvae).
 E. G.: Angmagssalik 65°35' and Mikis Fjord 68°05' (Hammer 1937 p. 40, and 22, 24 resp.—"L. hexatomus-group"). Traill Ø c. 72°40' and Ella Ø 72°55' (Jørgensen 1934 p. 30 and 27 resp.—"L. hexatomus-group").
124. *Smittia longitibia* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Dalton 69°24', Constable Valley 70°40' and Jameson Land c. 70°40' (Edwards 1935 p. 472 "Smittia ?oxoniana"). Ella Ø 72°55' and Fulachtal 72°50' (Søgaard Andersen 1937 p. 75). Myggbukta 73°35' (Goetghebuer 1833 p. 29).
125. *Smittia subnudipennis* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Ella Ø 72°55', Kap Alfred 72°50' and Fulachtal 72°50' (Søgaard Andersen 1937 p. 75). Myggbukta 73°35' (Goetghebuer 1933 p. 28).
126. *Smittia polymorpha* Søgaard Andersen.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kongeborgen on Traill Ø c. 72°40', Narhvalsund 72°45', Ella Ø 72°55', Cape Humboldt 73°10' (Søgaard Andersen 1937 p. 76).

127. *Smittia extrema* Edw.
 Henr. & Lundb. p. 579 (Camptocladus extremus).
 W. G.: [67°25'—68°40'].
 E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90 "Camptocladus aquatilis"). Röhss Fjord 72°45', Vega Sund c. 72°50', Geographical Society Ø ca. 73° and Kap Herschel 74°15' (Goetghebuer 1933 p. 28).
128. *Smittia byssina* autt.
 Henr. & Lundb. p. 578 (Camptocladus byssinus).
 According to Søgaard Andersen (1937 p. 73) most probably identic with *extrema* Edw.
 W. G.: [60°43'—68°49'].
 E. G.: ÷
129. *Smittia stercoraria* De Geer.
 Henr. & Lundb. p. 581 (Orthocladus stercorarius).
 W. G.: [Nordgrønl.].
 E. G.: ÷
130. *Smittia velutina* Lundb.
 Henr. & Lundb. p. 579 (Camptocladus velutinus).
 W. G.: [60°43'—66°56'].
 E. G.: ÷
131. *Smittia parva* Lundb.
 Henr. & Lundb. p. 579 (Camptocladus parvus).
 W. G.: [61°13'—c. 68°40'].
 E. G.: ÷
132. *Smittia* ? *longicosta* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90).
Smittia spp. indet. (larvae).
 W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 545).
 E. G.: Angmagssalik 65°35' and Mikis Fjord 68°05' (Hammer 1937 p. 22, 24 and 40 resp.). Hurry Fjord c. 70°40' (Lack 1934 p. 601). Ella Ø 72°55', Traill Ø c. 72°40', Suess Land c. 73° and Nordfjord 73°40' (Jørgensen 1934 p. 12, 16, 20, 24, 25, 27; 29; 30; 32 resp.—"Phaenocladus sp.").
- Orthocladiinae* spp. indet. (larvae).
 E. G.: Sofia Sund 73°, Myggbukta 73°25', Renbugten 73°25', Revet at Claving Sund 74°25', Kap Herschel 74°15' (Goetghebuer 1933 p. 30—31).

Corynoneurinae.

133. *Corynoneura scutellata* Winn.
 Henr. & Lundb. p. 574 (Corynoneura celeripes).

W. G.: [60°43'—68°40'].

E. G.: Ella Ø 72°55' (Søgaard Andersen 1937 p. 77). Loch Fyne c. 73°50' and Kap Herschel 74°15' (Goetghebuer 1933 p. 30).

Diamesinae.

134. *Syndiamesa branickii* Now.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Wollaston Forland c. 74°30' (Goetghebuer 1933 p. 29).
135. *Syndiamesa biappendiculata* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 90).
136. *Syndiamesa pubitarsis* Zett.
 Henr. & Lundb. p. 583 (*Orthocladius pubitarsis*).
 W. G.: [without loc.].
 E. G.: ÷
137. *Diamesa (Diamesa) bertrami* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Kap Dalton 69°24' (Edwards 1935 p. 470).
138. *Diamesa (Psilodiamesa) aberrata* Lundb.
 Henr. & Lundb. p. 591 (*Diamesa aberrata*).
 W. G.: [64°10'; without loc.].
 E. G.: Jameson Land c. 70°40' (Edwards 1935 p. 471). Kongeborgen on Traill Ø c. 72°40', Ella Ø 72°55', Kap Alfred 72°50', Ymers Ø c. 73°15' (Søgaard Andersen 1937 p. 80).
139. *Diamesa (Psilodiamesa) lindrothi* Goetg.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Lake Fjord 66°17' (Edwards 1935 p. 471).
140. *Diamesa (Psilodiamesa) chorea* Lundb.
 Henr. & Lundb. p. 591 (*Diamesa chorea*).
 W. G.: [61°35'; 70°40'].
 E. G.: Jameson Land c. 70°40' (Edwards 1935 p. 471).—[70°15'—70°27'].
141. *Diamesa (Psilodiamesa) ? septima* Edw.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Lake Fjord 66°17' (Edwards 1935 p. 471).
142. *Diamesa (Adiamesa) ? ursus* Kieff.
 Henr. & Lundb. ÷
 W. G.: ÷

E. G.: Lake Fjord 66°17' (Edwards 1935 p. 470).

Chironomidae spp. indet.

Cf. Henr. & Lundb. p. 594.

Limnobiidae.

143. *Dicranomyia modesta* Meig.

Henr. & Lundb. p. 598 (*Dicranomyia modesta*).

W. G.: [c. 61°].

E. G.: ÷

144. *Ormosia fascipennis* Zett.

Henr. & Lundb. p. 599 (*Rhypholophus fascipennis*).

W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 543).—[61°13'—61°35'; without loc.].

E. G. : [70°15'].

145. *Ormosia affinis* Lundb.

Henr. & Lundb. p. 599 (*Rhypholophus affinis*).

W. G.: [61°—61°35'].

E. G.: ÷

146. *Helobia hybrida* Meig.

Henr. & Lundb. p. 600 (*Symplecta punctipennis*).

W. G.: Majuala 64°45' (Edwards 1931 p. 618).

E. G.: [74°40'].

147. *Gonempeda caudata* Lundb.

Henr. & Lundb. p. 600 (*Empeda caudata*).

W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 543).—[61°30'].

E. G.: [70°27'].

Tipulidae.

148. *Stygeropis parri* Kby.

Henr. & Lundb. p. 605 (*Prionocera Parrii*).

W. G.: [c. 69°].

E. G.: ÷

149. *Tipula arctica* Curt.

Henr. & Lundb. p. 603 (*Tipula arctica*).

W. G.: Qugssuk and Majuala 64°45' (Edwards 1931 p. 618). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 543). Godhavn 69°15' (Alexander 1923 p. 297). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532). Karnaq 77°50' and Etah 78°20' (Carpenter 1937 p. 407). Rensdyrpynten in Foulke Fjord 78°18' (Alexander 1923 p. 297). Wulffs Land c. 82°, July 1917, P. Freuchen (Z. M.). —[Along the whole coast from the southernmost to c. 82°].

E. G.: Kap Stewart 70°25' and Amdrups Havn 70°25' (Remy 1928 a p. 51, b p. 92). Liverpool Land c. 70°40' (Edwards 1935 p. 473). Kap Schmelck 81°50' 21.6.12, P. Freuchen (Z. M.).—[69°24'—76°46'].

150. *Tipula besselsi* Osten-Sacken.

Henr. & Lundb. p. 604 (*Tipula Besselsi*).

W. G.: [81°30'].

E. G.: ÷

151. *Nephrotoma lineata* Scop.

Henr. & Lundb. p. 605 (*Pachyrrhina lineata*).

W. G.: [68°49'].

E. G.: ÷

152. *Nephrotoma lundbecki* Nielsen.

Henr. & Lundb. p. 606 (*Pachyrrhina Lundbecki*).

W. G.: ÷

E. G.: [70°27'; 76°46'].

Tipulidae spp. indet. (larvae).

E. G.: Jameson Land c. 70°30' (Remy 1928 a p. 51). Ella Ø 72°55' (Jørgensen 1934 p. 13).

Leptidae.

153. *Leptidae* sp. indet. (larvae).

E. G.: Angmagssalik 65°35' (Hammer 1937 p. 20 "Regionidae"!).

Empididae.

154. *Rhamphomyia nigrita* Zett.

Henr. & Lundb. p. 606 (*Rhamphomyia nigrita*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 67). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 547). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).—[68°10'—71°15'].

E. G.: Ravns Fjord 68°30' (Späreck 1935 p. 11). Hurry Fjord c. 70°40' (Collin 1937 p. 594).—[70°27'—73°30'].

155. *Rhamphomyia hirtula* Zett.

Henr. & Lundb. p. 607 (*Rhamphomyia hirtula*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 67).—[60°43'—71°15'].

E. G.: Lake Fjord 66°17' (Collin 1937 p. 594). Søkongens Bugt 68°42' and d'Aunay Bugt 69° (Späreck 1935 p. 12).—[70°27'—73°40'].

156. *Rhamphomyia filicauda* Lundb.

Henr. & Lundb. p. 608 (*Rhamphomyia filicauda*).

W. G.: ÷

E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 594).—[70°27'—74°35'].

157. *Rhamphomyia hirticula* Collin.

Henr. & Lundb. ÷

- W. G.: Etah 78°20' (Carpenter 1937 a p. 407; Collin 1937 p. 407).
 E. G.: ÷
Rhamphomyia sp. indet.
 E. G.: Mikis Fjord 68°05' (Hammer 1937 p. 40).
 158. *Hydrodromia stagnalis* Collin.
 Henr. & Lundb. p. 610 (*Clinocera stagnalis*).
 W. G.: [60°59'].
 E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 594).

Dolichopodidae.

159. *Dolichopus groenlandicus* Zett.
 Henr. & Lundb. p. 611 (*Dolichopus groenlandicus*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 67). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 547).—[60°43'—71°15'].
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 594). Mikis Fjord 68°05' and Ravns Fjord 68°30' (Spärck 1935 p. 12).—[65°37'].
 160. *Dolichopus plumipes* Scop.
 Henr. & Lundb. p. 612 (*Dolichopus plumipes*).
 W. G.: [60°—61°40'].
 E. G.: ÷

Syrphidae.

161. *Platychirus albimanus* Fabr.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Collin 1931 p. 68).
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 594).
 162. *Platychirus hyperboreus* Stæger.
 Henr. & Lundb. p. 612 (*Platychirus hyperboreus*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 67). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 547).—[60°—61°40'; 68°—68°10].
 E. G.: [65°75'].
Platychirus spp. indet.
 W. G.: Etah 78°20' (Carpenter 1937 p. 407).
 E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 594).
 163. *Melanostoma lundbecki* Collin.
 Henr. & Lundb. p. 613 (*Melanostoma ambiguum*).
 This species was described by Collin (1931) on material from Qugssuk, and a subsequent revision by Collin of the species called *M. ambiguum* in the Copenhagen Museum proved that all material of this latter belongs to the new species.
 W. G.: Qugssuk 64°45' (Collin 1931 p. 68). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 548).—[60°43'—70°25'].

- E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 594—with a query).—
[70°15'—76°46'].
164. *Lasiopticus groenlandicus* Nielsen.
Henr. & Lundb. p. 614 (*Lasiophthicus groenlandicus*).
W. G.: ÷
E. G.: [76°46'].
165. *Metasyrphus nigroventris* Fluke.
Henr. & Lundb. ÷
W. G.: Patoot (Paotût) 71°15' (Fluke 1933 p. 97).
E. G.: ÷
166. *Epistrophe tarsata* Zett.
Henr. & Lundb. p. 615 (*Syrphus tarsatus*).
W. G.: Qugssuk 64°45' (Collin 1931 p. 69). Utorqait in Amerdloq
c. 67° (Carpenter 1938 p. 548 “*S. tarsatus* var.”). Utorqait and Camp
Lloyd 67° (ibid. “*S. ?tarsatus*”).—[59°55'—71°15'].
E. G.: Mikis Fjord 68°05', Ravns Fjord 68°30', d'Aunay Bugt 69°
(Spärck 1935 p. 12).—[70°15'—76°46'].
167. *Epistrophe* sp. indet. (*tarsata*-group).
W. G.: Utorqait in Amerdloq 67° (Carpenter 1938 p. 548).
168. *Syrphus arcuatus* Fall.
Henr. & Lundb. p. 616 (*Syrphus arcuatus*).
Collin (1931) maintains that two varieties (possibly species) occur
in Greenland, and none of them is identic with the European *arcuatus*-
specimens. Cf. also Lundbeck: *Diptera Danica* V 1916 p. 313.
W. G.: Qugssuk 64°45' (Collin 1931 p. 70 “*S. ?arcuatus*”). Camp
Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 548). Between
Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 522).—
[68°10'—71°15'].
E. G.: Lake Fjord 66°15', 2000 feet altitude, and Hurry Fjord 70°40'
(Collin 1937 p. 594). Ravns Fjord 68°30' and d'Aunay Bugt 69° (Spärck
1935 p. 12).—[69°24'; 76°46'].
169. *Syrphus* sp. (*arcuatus*-group, near *neoperplexus* Curr.).
W. G.: Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord
c. 67° (Carpenter 1938 p. 549).
170. *Syrphus lunulatus* Meig.
Henr. & Lundb. p. 615 (*Syrphus lunulatus*).
W. G.: [68°].
E. G.: ÷
171. *Syrphus torvus* Osten-Sacken.
Henr. & Lundb. p. 614 (*Syrphus torvus*).
W. G.: Qugssuk 64°45' (Collin 1931 p. 69). Utorqait in Amerdloq
c. 67° (Carpenter 1938 p. 549).—[61°13'—70°25'].
W. G.: Lake Fjord 66°17' (Collin 1937 p. 594).—[69°24'—70°30'].

172. *Sphaerophoria scripta* L.
 Henr. & Lundb. p. 617 (*Sphærophoria scripta*).
 The Greenland specimens belong to *var. strigata* Stæger.
 W. G.: Qugssuk 64°45' (Collin 1931 p. 77). Utorqait in Amerdlog
 c. 67° (Carpenter 1938 p. 549).—[60°40'—69°13'].
 E. G.: ÷
173. *Helophilus borealis* Stæger.
 Henr. & Lundb. p. 619 (*Helophilus borealis*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 78).—[60°40'—69°15'].
 E. G.: ÷
174. *Helophilus groenlandicus* O. Fabr.
 Henr. & Lundb. p. 618 (*Helophilus groenlandicus*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 78).—[60°43'—69°44'].
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 594).—[70°27'—76°46'].

Species doubtfully or erroneously recorded from Greenland:

Eristalis pilosus Loew. Only the type, labelled "Grønland", known. Cf. Henr. & Lundb. p. 618.

Phoridae.

175. *Megaselia (Aphiochaeta) groenlandica* Lundb.
 Henr. & Lundb. p. 620 (*Aphiochaeta groenlandica*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 78). Utorqait in Amerdlog
 c. 67° (Carpenter 1938 p. 547).—[61°—68°40'].
 E. G.: ÷
176. *Megaselia (Aphiochaeta) cirriventris* Schmitz.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Liverpool Land c. 70°40' (Schmitz 1929 p. 85).
177. *Megaselia (Aphiochaeta) ? ciliata* Zett.
 Henr. & Lundb. p. 620 (*Aphiochaeta ? ciliata*).
 Possibly identic with *Megaselia (Aphiochaeta) groenlandica* Lundb.
 W. G.: [70°25'].
 E. G.: ÷
Megaselia (Aphiochaeta) sp. indet.
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 594).
Phora sp. indet.
 E. G.: [70°27'—Henr. & Lundb. p. 620].
Phoridae spp. indet.
 E. G.: Angmagssalik 65°35', Atingat 65°50', Mikis Fjord 68°05'
 (Hammer 1937 p. 19, 20, 24, 36, 40). Ella Ø 72°55' and Nordfjord
 73°40' (Jørgensen 1934 p. 15, 20, 25, 27; 32).

Tachinidae.

Calliphorinae.

178. *Phormia atriceps* Zett.

Henr. & Lundb. ÷

W. G.: Qugssuk 64°45' (Collin 1931 p. 78). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 552). Etah 78°20' (Carpenter 1937 p. 407).

E. G.: ÷

179. *Phormia groenlandica* Zett.Henr. & Lundb. p. 623 (*Phormia coerulea*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 78). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 552). Karnaq 77°80' and Etah 78°20' (Carpenter 1937 p. 407). Teilprint Land 81°55', 18.6.12, P. Freuchen, (Z. M.). Low Point 83°17', 12.6.17, Th. Wulff (Z. M.).—[From the southernmost to 70°].

E. G.: Ravns Fjord 68°30' (Spärck 1935 p. 13). Lake Fjord 66°17', Kap Dalton 69°24', Rosenvinges Bugt 70°25' and Hurry Fjord c. 70°40' (Collin 1937 p. 595). Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 92 "Phormia terrae-novae"). Scoresby Sund 70°25', 1929, Sofie Petersen (Z. M.). Kap Humboldt 73°10', Myggbukta 73°35', Kap Stosch 74° and Kap Herschel 74°15' (Ringdahl 1933 p. 15).—[70°27'—76°46'].

180. *Lucilia* sp. indet.

W. G.: [81°30'—Henr. & Lundb. p. 624].

181. *Protocalliphora azurea* Fall.Henr. & Lundb. p. 624 (*Protocalliphora azurea*).

W. G.: ÷

E. G.: [70°27'].

182. *Calliphora uralensis* Villen.Henr. & Lundb. p. 625 (*Calliphora erythrocephala*).Collin, who determined this blow-fly (from Qugssuk) to be *uralensis* Villen., has also dissected a specimen of "*erythrocephala*" from the Copenhagen Museum, and stated that also it belongs to *uralensis*.

W. G.: Qugssuk 64°45' (Collin 1931 p. 79). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 552).—[60°—71°15'].

E. G.: ÷

183. *Cynomyia mortuorum* L.Henr. & Lundb. p. 625 (*Cynomyia mortuorum*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 79).—[60°59'—71°15'].

E. G.: Ravns Fjord 68°30' (Spärck 1935 p. 13). Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 93). Hurry Fjord c. 70°40' (Collin 1937 p. 595). Vega Sund 72°50', Myggbukta 73°35' and Kap Herschel 74°15' (Ringdahl 1933 p. 15).—[70°27'].

184. *Acrophaga alpina* Zett.Henr. & Lundb. p. 626 (*Acrophaga alpina*).

W. G.: ÷
E. G.: [74°35'].

Tachininae.

185. *Tachina fasciata* Fall.
Henr. & Lundb. p. 622 (*Tachina fasciata*).
W. G.: ÷
E. G.: [70°27'].
186. *Peleteria aenea* Zett.
Henr. & Lundb. p. 621 (*Peleteria aenea*).
W. G.: [61°35'; 70°02'].
E. G.: Kjerulfss Fjord 73°10' and Renbugten 73°25' (Ringdahl 1933 p. 15).—[70°27'].
187. *Petina stylata* B. & B.
Henr. & Lundb. p. 622 (*Petina stylata*).
W. G.: ÷
E. G.: Ella Ø 72°55' (Ringdahl 1933 p. 15).—[70°27'; 76°46'].
188. *Lypha (Tenuirostra) arctica* Sack.
Henr. & Lundb. ÷
W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 552).
E. G.: Jackson Ø 73°50' (Ringdahl 1933 p. 17).
Tachinidae sp. indet.
W. G.: [78°17'—Henr. & Lundb. p. 623].

Muscidae.

189. *Musca domestica* G.
Henr. & Lundb. ÷
W. G.: Ivigtût 61°13', Sept. 1938, Poul M. Hansen (Z. M.).
E. G.: ÷
190. *Graphomyia maculata* Scop.
Henr. & Lundb. p. 627 (*Graphomyia maculata*).
W. G.: [68°10'].
E. G.: ÷
191. *Graphomyia picta* Zett.
Henr. & Lundb. ÷
W. G.: Utorqait on Amerdloq c. 67° (Carpenter 1938 p. 550).
E. G.: ÷
192. *Phaonia morio* Zett.
Henr. & Lundb. p. 628 (*Phaonia morio*).
W. G.: [68°10'—68°40'].
E. G.: ÷
193. *Phaonia consobrina* Zett.
Henr. & Lundb. p. 628 (*Phaonia consobrina*).

According to Collin (1931 p. 80) not identic with the European species called *consobrina* by Stein and Ringdahl.

W. G.: [66°56'].

E. G.: ÷

194. *Phaonia pallidisquama* Zett.

Henr. & Lundb. ÷

Closely related to, but different from *consobrina* Zett.

W. G.: Qugssuk 64°45' (Collin 1931 p. 79). Utorqait in Amerdlog c. 67° (Carpenter 1938 p. 550). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).

E. G.: ÷

195. *Phaonia subfuscinervis* Zett.

Henr. & Lundb. p. 629 (*Phaonia subfuscinervis*).

W. G.: Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).

E. G.: [70°27'].

196. *Phaonia bidentata* Ringd.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Ella Ø 72°55', Vega Sund 72°50', Renbugten 73°25', Kap Stosch 74° and Clavering Ø 74°15' (Ringdahl 1933 p. 15).

197. *Lophoscelis frenatus* Holmgr.

Henr. & Lundb. p. 629 (*Trichopticus frenatus*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 80).—[61°30'—68°42'].

E. G.: ÷

198. *Pogonomyia groenlandica* Lundb.

Henr. & Lundb. p. 630 (*Pogonomyia groenlandica*). [66°56'].

E. G.: ÷

199. *Pogonomyia segnis* Holmgr.

Henr. & Lundb. p. 630 (*Pogonomyia segnis*).

W. G.: ÷

E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 595). Vega Sund 72°50', Geographical Society Ø c. 73°, Myggbukta 73°35', Kap Petersens 72°25', Finsch Øer 74°, Kap Stosch 74°, Kap Herschel 74°15' (Ringdahl 1933 p. 15).—[70°27'; without loc.].

200. *Pogonomyia decolor* Fall.

Henr. & Lundb. p. 630 (*Pogonomyia decolor*).

W. G.: ÷

E. G.: [70°27'].

201. *Hydrotaea bispinosa* Zett.

Henr. & Lundb. p. 631 (*Hydrotaea bispinosa*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 80). Utorqait in Amerdlog c. 67° (Carpenter 1938 p. 531).—[61°13'—70°02'].

E. G.: ÷

Species doubtfully or erroneously recorded from Grønland:

Hydrotæa irritans Fall. (Stæger, Naturh. Tidsskr. (2) I 1845 p. 363).

Hydrotæa ciliata Fabr. (Stæger, *ibid.*)

Stæger does not mention any special locality; cf. Henr. & Lundb, p, 632,

202. *Fannia canicularis* L.
 Henr. & Lundb. p. 632 (*Fannia canicularis*).
 W. G.: [61°10'; 68°49'; 69°44'].
 E. G.: Vega Sund 72°50' (Ringdahl 1933 p. 16).
203. *Fannia bifimbriata* Collin.
 Henr. & Lundb. ÷
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 550).
 E. G.: ÷
204. *Fannia armata* Meig.
 Henr. & Lundb. p. 633 (*Fannia armata*).
 W. G.: [61°40'].
 E. G.: ÷
205. *Pseudolimnophora rotundata* Collin¹⁾.
 Henr. & Lundb. p. 636 (*Limnophora triangula* ♂).
 W. G.: Tasiussaq 61°40' (Collin 1930 p. 256).
 E. G.: ÷
206. *Limnophora sinuata* Collin.
 Henr. & Lundb. ÷
 W. G.: Orpigssuit 68°37' (Collin 1930 p. 256).
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 256).
207. *Limnophora (Spilogona) almquisti* Holmgr.
 Henr. & Lundb. p. 636 (*Limnophora Almquistii*) + 633 (*L. trigonifera* pars).
 W. G.: Hare Ø c. 70°25' and ?McCormick Bugt 77°40' (Collin 1930 p. 259).
 E. G.: Ravns Fjord 68°30' (Spärck 1935 p. 13). Kap Dalton 69°24' and Hekla Havn 70°27' (Collin 1930 p. 259). Hurry Fjord c. 70°40' (Collin 1937 p. 595). Geographical Society Ø c. 73°, Kap Herschel 74°15' and Wollaston Forland c. 74°25' (Ringdahl 1933 p. 16).
208. *Limnophora (Spilogona) alpica* Zett.
 Henr. & Lundb. p. 637 (*Limnophora* sp.).
 W. G.: Taserssuaq Lake on Nûgssuaq c. 70°40' (Collin 1930 p. 260).
 E. G.: ÷

¹⁾ Collin has revised all the material of *Limnophora* (incl. *Pseudolimnophora*) present in the Zool. Museum of Copenhagen. The result, which is given in the paper of 1930, is, among other things, a reference of a number of specimens to other species than those in which they were placed in Henr. & Lundb. 1917. Therefore, the previous records cannot be given as a simple transcript from this latter, but all finds—old as well as recent—must be recorded in nearly all cases from Collin 1930.

209. *Limnophora (Spilogona) arctica* Zett.
 Henr. & Lundb. p. 634 (*Limnophora contractifrons* pars).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 80). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 550)—[60°—70°40'—Henr. & Lundb. p. 634].
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 595).
210. *Limnophora (Spilogona) deflorata* Holmgr.
 Henr. & Lundb. p. 637 (*Limn. ? deflorata*) + 636 (*Limn. triangula* ♀).
 W. G.: Tasiussaqa 61°40' (Collin 1930 p. 261).
 E. G.: ÷
211. *Limnophora (Spilogona) denudata* Holmgr.
 Henr. & Lundb. p. 635 (*Limnophora triangulifera* pars).
 W. G.: Orpigssuit 68°37' (Collin 1930 p. 262).
 E. G.: Kong Oscars Fjord c. 72°30' and Vega Sund 72°50' (Ringdahl 1933 p. 16).
212. *Limnophora (Spilogona) macropyga* Frey.
 Henr. & Lundb. p. 638 (*Limnophora* sp.).
 W. G.: ÷
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 263). Myggbukta 73°35' (Ringdahl 1933 p. 16).
213. *Limnophora (Spilogona) extensa* Mall.
 Henr. & Lundb. p. 635 (*Limnophora triangulifera* pars).
 W. G.: Without loc. (Collin 1930 p. 264).
 E. G.: Kap Dalton 69°24' (Collin 1930 p. 264). Myggbukta 73°35' (Ringdahl 1933 p. 16).
214. *Limnophora (Spilogona) hyperborea* Boh.
 Henr. & Lundb. p. 638 (*Limnophora* sp.) + 635 (*Limn. triangulifera* pars).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 83). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).
 E. G.: Ravns Fjord 68°30' (Späreck 1935 p. 13). Lake Fjord 66°17' and Kap Dalton 69°24' (Collin 1937 p. 595). Kap Dalton 69°24' and Hekla Havn 70°27' (Collin 1930 p. 265).
215. *Limnophora (Spilogona) latilamina* Coll.
 Henr. & Lundb. p. 638 (*Limnophora* sp.).
 W. G.: ÷
 E. G.: Ravns Fjord 68°30' (Späreck 1935 p. 13). Hekla Havn 70°27' (Collin 1930 p. 266). Myggbukta 73°35', Loch Fyne c. 73°50' and Clavering Sund 74°10' (Ringdahl 1933 p. 16).
216. *Limnophora (Spilogona) malaisei* Ringd.
 Henr. & Lundb. p. 638 (*Limnophora* sp.).
 W. G.: Qugssuk c. 64°45' (Collin 1930 p. 268, 1931 p. 83).
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 268).

217. *Limnophora (Spilogona) megastoma* Boh.
 Henr. & Lundb. p. 635 (*Limnophora triangulifera* pars).
 W. G.: ÷
 E. G.: Kap Dalton 69°24' and Hekla Havn 70°27' (Collin 1930 p. 269). Without loc. (Ringdahl 1933 p. 16—with a query).
218. *Limnophora (Spilogona) micans* Ringd.
 Henr. & Lundb. p. 635 (*Limnophora triangulifera* pars) + 638 (*Limn. sp.*).
 W. G.: ÷
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 270).
219. *Limnophora (Spilogona) monacantha* Collin.
 Henr. & Lundb. p. 634 (*Limnophora contractifrons* pars).
 W. G.: Kangersuneq 68°45' and Ūmánaq 70°40' (Collin 1930 p. 271).
 E. G.: Wollaston Forland 74°20' (Ringdahl 1933 p. 16).
220. *Limnophora (Spilogona) obsoleta* Mall.
 Henr. & Lundb. p. 635 (*Limnophora triangulifera* pars).
 W. G.: Without loc. (Collin 1930 p. 272).
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 272).
221. *Limnophora (Spilogona) dorsata* Zett.
 Henr. & Lundb. p. ÷
 W. G.: ÷
 E. G.: Kong Oscars Fjord 72°30', Geographical Society Ø 73°, Myggbukta 73°25', Finsch Øer 74°05', Kap Herschel 74°15' (Ringdahl 1933 p. 16).
222. *Limnophora (Spilogona) opaca* Schnabl.
 Henr. & Lundb. p. 633 (*Limnophora trigonifera* pars).
 W. G.: Qugssuk 64°45' (Collin 1930 p. 273; 1931 p. 83 "Limn. (Spil.) freyi"). Aulatsivik 68°10' (Collin 1930 p. 273).
 E. G.: ÷
223. *Limnophora (Spilogona) sanctipauli* Mall.
 Henr. & Lundb. p. 634 (*Limnophora contractifrons*) + 635 (*Limn. triangulifera* pars).
 W. G.: Qugssuk 64°45' (Collin 1930 p. 274, 1931 p. 83). Aulatsivik 68°10', Orpigssuit 68°37', Egedesminde 68°42', Christianshaab 68°49', Ritenbenk 69°44', Hare Ø c. 70°25', Ūmánaq 70°40' (Collin 1930 p. 274). Between Upernavik 72°45' and Amdrup Ø 74°45' (Carpenter 1936 p. 532). ?McCormick Bugt 77°40' (Collin 1930 p. 274). Etah 78°20' (Carpenter 1937 p. 407). Kap Hatherton N. of Etah 78°30' (Collin 1930 p. 274).
 E. G.: Kap Dalton 69°24' and Hekla Havn 70°27' (Collin 1930 p. 274). Vega Sund 72°50', Ella Ø 72°55' Geographical Society Ø 73°, Myggbukta 73°35' and Claving Sund 74°10' (Ringdahl 1933 p. 16).
224. *Limnophora (Spilogona) semiglobosa* Ringd.
 Henr. & Lundb. ?

- W. G.: ÷
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 275).
225. *Limnophora (Spilogona) tornensis* Ringd.
 Henr. & Lundb. p. 635 (*Limnophora triangulifera* pars).
 W. G.: ÷
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 276). Myggbukta 73°35' and Kap Herschel 74°15' (Ringdahl 1933 p. 16).
226. *Limnophora (Spilogona) trigonifera* Zett.
 Henr. & Lundb. p. 633 (*Limnophora trigonifera* pars).
 W. G.: Aulatsvik 68°10' and without loc. (Collin 1930 p. 276).
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 595).
Limnophora (Spilogona) spp. indet.
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 550).
 E. G.: Hekla Havn 70°27' (Collin 1930 p. 277). Lake Fjord 66°17' and Hurry Fjord 70°40' (Collin 1937 p. 595). Myggbukta 73°35' and Clavering Fjord 74°10' (Ringdahl 1933 p. 16).
227. *Lispe uliginosa* Fall.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Collin 1931 p. 83).
 E. G.: ÷
228. *Fucellia fucorum* Fall.
 Henr. & Lundb. p. 647 (*Fucellia fucorum*).
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1953 p. 552).—[60°43'—71°15'].
 E. G.: ÷
229. *Fucellia intermedia* Lundb.
 Henr. & Lundb. p. 648 (*Fucellia maritima*).
 The species *intermedia* was described by Lundbeck, but later on by himself referred to the common *maritima* Hal. Collin (1931 p. 88) has then investigated not only material from Qugssuk, but also such kept in the Copenhagen Museum, i. e. Lundbeck's type material, and again maintains that *intermedia* is a separate species.
 W. G.: Qugssuk 65°45' (Collin 1931 p. 88). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 552).—[60°49'—68°49'].
 E. G.: ÷
230. *Fucellia ariciiiformis* Holmgr.
 Henr. & Lundb. p. 649 (*Fucellia ariciiiformis*).
 W. G.: Etah 78°20' (Carpenter 1937 p. 407).—[66°56'—69°44'].
 E. G.: Lake Fjord 66°17', Fame Ø 70°40' and Rosenvinge Bugt 70°25' (Collin 1937 p. 595). Maria Ø 73°, Kap Herschel 74°15' and Wollaston Forland c. 74°20' (Ringdahl 1933 p. 16).—[70°27'].
231. *Fucellia pictipennis* Becker.
 Henr. & Lundb. p. 650 (*Fucellia pictipennis*).

- W. G.: Etah 78°20' (Carpenter 1937 p. 407).
 E. G.: Rosenvinge Bugt 70°25' (Collin 1937 p. 595).—[70°27'; 76°46'].
232. *Acroptena frontata* Zett.
 Henr. & Lundb. p. 638 (*Acroptena frontata*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 83). Between Upernavik 72°45' and Amdrup Ø 74°45' (Longstaff 1936 p. 532).—[60°43'—69°15'].
 E. G.: Lake Fjord 66°17' and Hurry Fjord c. 70°40' (Collin 1937 p. 595). Ravens Fjord 68°30', d'Aunay Bugt 69° and Kap Dalton 69°24' (Spærek 1935 p. 14). Vega Sund 72°50' and Geographical Society Ø 73° (Ringdahl 1933 p. 16).—[70°15'—70°30'].
233. *Acroptena divisa* Meig.
 Henr. & Lundb. p. 639 (*Acroptena divisa*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 84).—[69°15'].
 E. G.: [70°30'].
234. *Acroptena brunneifrons* Zett.
 Henr. & Lundb. p. 639 (*Hydrophoria brunneifrons*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 84).—[63°03'—69°44'].
 E. G.: [70°27'].
235. *Acroptena verticina* Zett.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Collin 1931 p. 84—with a query).
 E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 595).
236. *Hylemyia (Nupedia) intersecta* Meig.
 Henr. & Lundb. ÷
 The Greenland form is *var. arctica* Ringd.
 W. G.: ÷
 E. G.: Kap Herschel 74°15' (Ringdahl 1933 p. 16).
Hylemyia sp. indet.
 E. G.: Wollaston Forland c. 74°20' (Ringdahl 1933 p. 16).
237. *Pegohylemyia fugax* Meig.
 Henr. & Lundb. p. 640 (*Hylemyia fugax*).
 Closely allied to—if not identic with—*profuga* Stein.
 W. G.: [60°49'—c. 68°40'].
 E. G.: ÷
238. *Pegohylemyia profuga* Stein.
 Henr. & Lundb. ÷
 W. G.: Qugssuk 64°45' (Collin 1931 p. 85). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 551).
 E. G.: Lake Fjord 66°17' (Collin 1937 p. 595).
239. *Pegohylemyia sobrina* Collin.
 Henr. & Lundb. ÷

- W. G.: Qugssuk 64°45' (Collin 1931 p. 86).
 E. G.: ÷
240. *Pegomyia tenera* Zett.
 Henr. & Lundb. p. 640 (*Pegomyia* ?*hyoscyami*).
 The Greenland form is *var. obscurior* Collin. Collin who recognized this on the Qugssuk specimens, also states that ?*hyoscyami* of the Copenhagen Museum belongs to the same species and variety.
 W. G.: Qugssuk 64°45' (Collin 1931 p. 84). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 551).—[60°—68°10'].
 E. G.: ÷
241. *Pegomyia analis* Schnabl.
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Myggbukta 73°35' and Clavering Sund c. 74°10' (Ringdahl 1933 p. 16).
242. *Pegomyia haemorrhoea* Zett. *var.*
 Henr. & Lundb. ÷
 W. G.: ÷
 E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 595).
Pegomyia *spp.* *indet.*
 W. G.: Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 551).
 E. G.: Vega Sund 72°50', Myggbukta 73°35' and Clavering Ø 74°15' (Ringdahl 1933 p. 16).
243. *Delia cinerella* Fall.
 Henr. & Lundb. p. 641 (*Chortophila cinerella*).
 W. G.: [c. 68°].
 E. G.: ÷
244. *Delia fabricii* Holmgr.
 Henr. & Lundb. p. 642 (*Chortophila Fabricii*).
 W. G.: Qugssuk 64°45' (Collin 1931 p. 87). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 552— with a query).—[60°—69°13'].
 E. G.: ÷
245. *Delia octoguttata* Zett.
 Henr. & Lundb. p. 642 (*Chortophila octoguttata*).
 The Greenland form is *var. moesta* Holmgr.
 W. G.: Qugssuk 64°45' (Collin 1931 p. 88). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 552).— [66°56'—c. 70°].
 E. G.: ÷
246. *Delia icterica* Holmgr.
 Henr. & Lundb. p. 643 (*Chortophila icterica*).
 W. G.: [c. 68°40'—71°15'].

E. G.: d'Aunay Bugt 69° and Kape Dalton 69°24' (Spärck 1935 p. 14).—[70°27'].

247. *Delia* ? *florilega* Zett.

Henr. & Lundb. p. 643 (*Chortophila* ? *florilega*).

W. G.: ÷

E. G.: [69°24'—70°27'].

248. *Delia cilicrura* Rond.

Henr. & Lundb. p. 644 (*Chortophila cilicrura*).

W. G.: [?; cf. Henr. & Lundb. l. c.].

E. G.: [70°27'].

Delia spp. indet.

W. G.: [61°13' and 69°44'—Henr. & Lundb. p. 646; prope *muscaria* Meig.], [61°30'—68°49'—Henr. & Lundb. p. 647; prope *ignota* Rond. and *obscura* Macq.].

E. G.: Lake Fjord 66°17' (Collin 1937 p. 595).

249. *Egle parva* Rob. Desv.

Henr. & Lundb. p. 645 (*Chortophila parva*).

W. G.: ÷

E. G.: [70°15'—70°27'].

250. *Paregle radicum* L.

Henr. & Lundb. p. 645 (*Chortophila radicum*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 87). Utorqait in Amerdlog and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 552).—[60°43'—69°44'].

E. G.: Rosenvinges Bugt 70°25' (Collin 1937 p. 595).

Anthomyidae spp. indet.

W. G.: [69°15', 78°17', 81°30'—Henr. & Lund. p. 647].

Cordyluridae.

Cordylurinae.

251. *Pselaphephila arctica* Becker.

Henr. & Lundb. p. 650 (*Pselaphephila arctica*).

W. G.: ÷

E. G.: [70°27'].

Scatophaginae.

252. *Scatophaga lanata* Lundb.

Henr. & Lundb. p. 651 (*Scatophaga lanata*).

W. G.: Etah 78°20' (Carpenter 1937 p. 407).—[without loc.].

E. G.: Ravns Fjord 68°30', Søkongens Bugt 68°42' and Barclay Bugt 69°10' (Spärck 1935 p. 14). Hurry Fjord c. 70°40' (Collin 1937 p. 595).—[70°15'—70°27'].

253. *Scatophaga furcata* Say.

Henr. & Lundb. p. 651 (*Scatophaga squalida*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 89). Utorqait in Amerdloq and Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 549).—[60°—71°15'].

E. G.: Ravns Fjord 68°30' (Spärck 1935 p. 14). Lake Fjord 66°17' and Hurry Fjord c. 70°40' (Collin 1937 p. 595).—[c. 70°25'; 76°46'].

254. *Scatophaga litorea* Fall.

Henr. & Lundb. p. 652 (*Scatophaga litorea*).

The Greenland specimens belong to *var. nigripes* Holmgr.

W. G.: Qugssuk 64°45' (Collin 1931 p. 90). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 549).—[60°49'—c. 68°40'].

E. G.: [70°30'].

255. *Scatophaga nigripalpis* Backer.

Henr. & Lundb. p. 658 (*Scatophaga nigripalpis*).

W. G.: ÷

E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 595).—[70°27'].

256. *Scatophaga stercoraria* L.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 93).

257. *Scatophaga merdaria* L.

Henr. & Lundb. ÷

W. G.: ÷

E. G.: Kap Stewart 70°25' (Remy 1928 a p. 51, b p. 93).

Hydromyzinae.

258. *Microprosopa haemorrhoidalis* Meig.

Henr. & Lundb. p. 653 (*Microprosopa haemorrhoidalis*).

W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 549).—[60°49'—c. 68°40'].

E. G.: ÷

Cypselidae.

259. *Limosina* ? *fenestralis* Fall.

Henr. & Lundb. p. 654 (*Limosina* sp. (?*fenestralis*)).

W. G.: [68°42'].

E. G.: ÷

Helomyzidae.

260. *Leria inscripta* Meig.

Henr. & Lundb. p. 655 (*Blepharoptera inscripta*).

W. G.: [60°43'—66°56'].

E. G.: Ravens Fjord 68°30' (Späreck 1935 p. 15).

261. *Leiria modesta* Meig.

Henr. & Lundb. p. 655 (*Blepharoptera modesta*).

W. G.: [60°—69°44'].

E. G.: Lake Fjord 66°17' (Collin 1937 p. 595).

262. *Leiria septentrionalis* Collin.

Henr. & Lundb. p. 656 (*Blepharoptera serrata*).

Collin, who recognized this species in the Qugssuk-material, has also seen specimens of "*serrata*" from the Copenhagen Museum and stated that these were of the same species (Collin 1931 p. 91).

W. G.: Qugssuk 64°45' (Collin 1931 p. 90). Etah 78°20' (Carpenter 1937 p. 407).—[61°40'—69°44'].

E. G.: Lake Fjord 66°17', Rosenvinge Bugt 70°25' and Hurry Fjord c. 70°40' (Collin 1937 p. 595).—[70°15'—70°27'].

Sepsidae.

263. *Piophila casei* L.

Henr. & Lundb. p. 657 (*Piophila casei*).

W. G.: [60°43'].

E. G.: ÷

264. *Piophila vulgaris* Fall.

Henr. & Lundb. p. 657 (*Piophila affinis*).

Collin, who recognized this species in the Qugssuk-material, has also seen a specimen of "*affinis*" from the Copenhagen Museum and stated that it was of the same species.

W. G.: Qugssuk 64°45' (Collin 1931 p. 91). Utorqait in Amerdloq c. 67° (Carpenter 1938 p. 550).—[60°43'—68°49'].

E. G.: ÷

265. *Piophila pilosa* Stæger.

Henr. & Lundb. p. 658 (*Piophila pilosa*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 91). Utorqait in Amerdloq 67° (Carpenter 1938 p. 550).—[61°13'—68°49'].

E. G.: Hurry Fjord c. 70°40' (Collin 1937 p. 595).

266. *Piophila nigerrima* Lundb.

Henr. & Lundb. p. 658 (*Piophila nigerrima*).

W. G.: [66°56'].

E. G.: ÷

Ephydriidae.

Hydrelliinae.

267. *Hydrina* ? *vittipennis* Zett.

Henr. & Lundb. p. 659 (*Philygria* ? *vittipennis*).

W. G.: [without loc.].

E. G.: ÷

Ephydrinae.

268. *Scatophila cribrata* Stenh.

Henr. & Lundb. p. 661 (*Scatophila cribrata*).

W. G.: [60°43'; 68°49'—69°44'].

E. G.: ÷

269. *Scatella stagnalis* Fall.

Henr. & Lundb. p. 659 (*Scatella stagnalis*).

W. G.: Qugssuk 64°45' (Collin 1931 p. 91) Etah 78°20' (Carpenter 1937 p. 407).—[60°43'—70°25'].

E. G.: Ravns Fjord 68°30' (Spärck 1935 p. 15). Hurry Fjord c. 70°40' (Collin 1937 p. 595).—[70°15'—70°27'].

Scatella spp. indet.

W. G.: [81°30'—Henr. & Lundb. p. 660].

E. G.: [70°15'—Henr. & Lundb. p. 661].

Agromyzidae.

270. *Agromyza arctica* Lundb.

Henr. & Lundb. p. 661 (*Agromyza arctica*).

W. G.: [60°49'—68°49'].

E. G.: [70°27'—70°30'].

Liriomyza sp. (near *perpusilla* Meig.).

W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 549).

271. *Phytomyza obscurella* Fall.

Henr. & Lundb. p. 662 (*Phytomyza obscurella*).

W. G.: [60°49'—69°44'].

E. G.: [70°27'].

272. *Phytomyza nigritella* Zett.

Henr. & Lundb. p. 663 (*Phytomyza nigritella*).

W. G.: [61°13'—68°49'].

E. G.: ÷

273. *Phytomyza affinis* Fall.

Henr. & Lundb. p. 663 (*Phytomyza affinis*).

W. G.: [61°40'].

E. G.: ÷

274. *Phytomyza maculipes* Zett.

Henr. & Lundb. p. 663 (*Phytomyza maculipes*).

W. G.: [60°49'—61°20'].

E. G.: ÷

275. *Phytomyza* ? *nigra* Meig.

Henr. & Lundb. ÷

W. G.: Camp Lloyd in Søndre Strømfjord c. 67° (Carpenter 1938 p. 549).

E. G.: ÷

Phytomyza spp. indet.

E. G.: Kap Dalton 69°24' and Hurry Fjord c. 70°40' (Collin 1937 p. 595).

Postscript.

Just before working off the last sheet of the present paper, a new contribution to the knowledge of the Greenland fauna appeared, viz.

G. D. Hale Carpenter & Åke Holm: Insecta and Araneæ collected in the Kangerdlugssuak Region of East Greenland by the British Expedition, 1935-36. Ann. Mag. Nat. Hist. (11) III 1939 p. 60-80.

It deals with the results of a British expedition, under the leadership of L. R. Wager, which collected insects around the East Greenland fjord Kangerdlugssuak (including Mikis Fjord, Kraemers Bugt, etcetera), ab. 68°, in 1935 and 1936.

Of the 63 species caught, *Isotoma sensibilis* Tull. and *Isotoma arborea* Ågren are stated to be new for Greenland. They are, however, previously mentioned by Hammer (cf. above p. 9 and 10).

The following are new records for Greenland:

Amauronematus? pallicercus Htg. var.

Pristiphora sp.

Ichneumon sp. ("neither aurivillii nor discoensis")

Angitia cf. *specularis* Thoms ("may be the female of *Angitia* cf. *claripennis* Thoms." — cf. above p. 54)

Diamesa bohemani (Goet.) Edw.

Syrphus? nigropilosus Curran.

Delia echinata Seguy.

Previously recorded from West Greenland, but new for East Greenland, are the following 4 species:

Stenomacrus cf. *nigricornis* Boh. (cf. above p. 57)

Metasyrphus nigroventris Fluke (cf. above p. 82)

Phormia atriceps Zett. (cf. above p. 84)

Calliphora uralensis Vill. (cf. above p. 84).

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(Synonyms are printed in Italics).

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