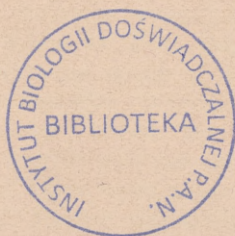




S. 1630.





Oxford University Hudson Strait Expedition to Akpatok Island, Ungava Bay, 1931.—Hymenoptera Parasitica, including a few Specimens taken at Port Burwell, Labrador. By Prof. EDWARD B. POULTON, D.Sc., F.R.S.

THIS little collection includes twenty-three specimens, of which five were taken at Port Burwell in Ungava Territory, on the Labrador coast of Canada. Sixteen specimens are Ichneumonidæ, belonging to fifteen or perhaps fourteen species; seven are Braconidæ, five belonging to a single species and one each to two others. With the exception of three specimens taken by A. K. Gregson and one by J. Baxter, the whole collection was made by D. H. S. Davis.

The material was first sent to Dr. A. Roman of the Naturhistoriska Riksmuseum, Stockholm, who wrote, 20 November, 1933, concerning the Ichneumonidæ:—"It is of course very interesting to see a number of North American Arctic Ichneumons and to compare them with our collections from the Old World Arctics. I have looked at them from the European standpoint and found two [Nos. 13 and 15] to be identical with our arctic species I am not versed in the North American fauna and it would take more time than I can afford

to determine whether the species are described or not I now return your box, sorry not to be of more use to you, but as a help to an eventual successor, I have put labels on the specimens, giving my opinions." The collection was then sent, as Dr. Roman advised, to Mr. R. A. Cushman of the U.S. National Museum, Washington, who wrote, 20 December, 1933, as follows:—"We have received the box of specimens and have examined them. In looking over the Ichneumonidæ I find that I am unable to identify any as described North American species. Dr. Roman has already identified specifically two species and has placed generic names on those that he could not identify as species. I differ from his identifications only in nomenclatorial usage of certain of the generic names, so have changed the identification on only one specimen [No. 6], a species of *Platylabus* that he had placed under *Ichneumon*. . . . Mr. Muesebeck has identified the Braconidæ generically, finding two species of *Apanteles* and one of *Macrocentrus*."

It is unfortunate that hardly any of the species could be determined and that no new forms could be described, but it would not be reasonable to expect descriptions of single examples in these difficult groups. On the other hand, the list of forms printed below is of exceptional interest in illuminating the conditions of life in this remote locality, suggesting as it does the existence of numerous and very varied parasites dependent upon a more abundant insect fauna than we should have inferred from the collections made by the Expedition.

The following list of the twenty-three specimens has been arranged and classified under the various groups of Parasitica by my kind friend Dr. C. Ferrière of the Natural History Museum:—

Family Ichneumonidæ.

Subfamily ICHNEUMONINÆ.

Tribe ICHNEUMONINI.

1. *Ichneumon* sp., ♀.—S.W. Akpatok, 4 Sept.—Under stone in thick lichen mat, edge of cliff, about 600 ft., plateau (*A. K. Gregson*).
2. *Ichneumon* sp., ♀.—S.E. Akpatok, 22 Aug.—Plateau, about 600 ft. (*D. H. S. Davis*).

3. *Ichneumon* sp., ♂.—Canada, Labrador, about 31 Aug.—Ungava Territory, Port Burwell, about 40 ft. (*J. Baxter*).
4. *Ichneumon* sp., ♂.—S.E. Akpatok, 25 Aug.—Flying, rough valley slope (*D. H. S. D.*).
5. *Ichneumon* sp., ♂.—S.E. Akpatok, 31 Aug.—In tent (*D. H. S. D.*). Dr. Ferrière considers it probable that this is the same species as No. 4, the two being only distinguished by slight colour differences.
6. *Platylabus* sp., ♂.—S.E. Akpatok, 29 Aug.—In dry hollow at base of scree ravine (*D. H. S. D.*).

Subfamily CRYPTINÆ.

Tribe PHYGADEUONINI.

- 7, 8. *Cratocryptus* sp., ♂♂.—No. 7, S.E. Akpatok, 25 Aug.—Bog margin, valley head (*D. H. S. D.*); No. 8, Ungava Terr., Port Burwell, about 40 ft., 16 Aug. (*D. H. S. D.*).
9. *Microcryptus* sp., ♀.—S.E. Akpatok, Sept. 10.—In tent (*D. H. S. D.*).
10. *Phygadeuon* sp., ♀.—Ungava Terr., Port Burwell, about 40 ft., 16 Aug. (*D. H. S. D.*).

Tribe HEMITELINI.

11. *Aclastus* sp., ♀.—S.E. Akpatok, 8 Sept.—Plant roots, slope, near bog, valley head (*A. K. G.*).

Subfamily PIMPLINÆ.

Tribe PIMPLINI.

12. *Delomerista* sp., ♀.—S.E. Akpatok, 25 Aug.—In moss, herbaceous valley slope (*D. H. S. D.*).

Subfamily OPHIONINÆ.

Tribe MESOCHORINI.

13. *Mesochorus nigriceps* Ths., ♀.—S.E. Akpatok, 11 Sept.—Rough valley slope (*D. H. S. D.*).

Tribe PLECTISCINI.

14. *Plectiscus* sp., ♀ (cf. *hyperboreus* Holmgr.).—S.E. Akpatok, 28 Aug.—Boggy dip, plateau, about 600 ft. (*D. H. S. D.*).

Subfamily TRYPHONINÆ.

Tribe MESOLEPTINI.

15. *Mesoleius lituratus* Holmgr. var. *sahlbergi* Woldst., ♀.—S.E. Akpatok, 21 Aug.—Rough valley slope (*D. H. S. D.*).

Tribe ORTHOCENTRI.

16. *Stenomacrus* sp., ♀. (cf. *atratus* Holmgr.).—Ungava Terr., Port Burwell, about 40 ft., 16 Aug. (*D. H. S. D.*).

Family Braconidæ.

Subfamily MICROGASTERINÆ.

- 17–21. *Apanteles* sp., near *alticola* Ashm.—All taken by *D. H. S. Davis* and all except No. 19 in S.E. Akpatok.

17. ♀, 28 Aug., moss at base of boulder, plateau, about 600 ft.

18. ♂, 28 Aug., flying on plateau, about 600 ft.

19. ♂, 16 Aug., Ungava Terr., Port Burwell, about 40 ft.

20. ♂, 28 Aug., boggy dip, plateau, about 600 ft.

21. ♀, 25 Aug., stones, rough valley slope.

22. *Apanteles* sp., ♀, near *nitens* Mues.—S. Akpatok, 1 Sept.—Plateau, about 600 ft. (*A. K. G.*).

Subfamily MACROCENTRINÆ.

23. *Macrocentrus* sp., ♂.—S.E. Akpatok, 28 Aug.—Flying, plateau, about 600 ft. (*D. H. S. D.*).



