

Syrphid flies from southern Greenland

(Diptera, Syrphidae)

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Arthropods were collected by the author SK in the Narssaq area, southern Greenland, 1976 (see Koponen, 1978; 1981; 1982). The Narssaq region belongs to the subarctic vegetation zone of Greenland, characterized by the occurrence of the mountain birch (*Betula "tortuosa"*). The study area has been described by Koponen (1978).

The collecting sites for syrphids are: 1) Kangerdluarssuk 60°53'N, 45°50'W, 2) Narssaq, Dyrnaes 60°57'N, 46°05'W and 3) Narssarsuaq 61°10'N, 42°25'W. The material was identified by the author AH, and it is deposited in the Zoological Museum, University of Turku.

Altogether, five syrphid species were found. *Eupeodes perplexus* (Osburn) and *Sphaerophoria abbreviata* Zetterstedt, are reported for the first time from Greenland. Both species were caught in Narssarsuaq. *E. perplexus* has a Nearctic range, and *S. abbreviata* is a widely-distributed, northern Holarctic species (see e.g. Vockeroth, 1992). The total number of syrphid species known in Greenland is now 15 (cf. Vockeroth, 1992; Böcher, 2001).

Species found

Eupeodes perplexus (Osburn, 1910): 1 ♀, Narssarsuaq, 27.7.1976.

Parasyrphus tarsatus (Zetterstedt, 1838): 1 ♀, Kangerdluarssuk, 22.7.1976; 3 ♀, Narssaq, Dyrnaes, 18.7.1976; 1 ♀, Narssarsuaq, on *Angelica* flowers, 31.7.1976; 1 ♂ 1 ♀, Narssarsuaq, 31.7.1976.

Platycheirus hyperboreus Staeger, 1845: 1 ♂ 2 ♀, Narssarsuaq, 31.7.1976.

Platycheirus varipes Curran, 1923: 1 ♂, Narssaq, Dyrnaes, 18.7.1976; 5 ♀, Kangerdluarssuk, 20-24.7.1976; 1 ♀, Narssarsuaq, 31.7.1976.

Sphaerophoria abbreviata Zetterstedt, 1859: 1 ♀, Narssarsuaq, 16.7.1976.

Acknowledgements

We wish to thank E. Torp for valuable information.

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