

Faunistic notes on Scandinavian Diptera Brachycera

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In the following notes 18 species are recorded from Sweden for the first time. Distributional data are given for another 10 species. The material belongs to the Entomological Museum, Lund, the author or — a few specimens — to Naturhistoriska Riksmuseet, Stockholm. For valuable help and information I wish to thank Mr. T. Nyholm, Stockholm, Mr. P. I. Persson, Stockholm, Dr. C. Princis, Lund, and Dr. R. Rozkošný, Brno.

Beris strobli Dušek & Rozkošný, 1968. (Stratiomyidae.) (Syn.: *B. fuscipes*, Zett., 1849; *B. fuscipes* p. p., Ringd., 1951.) Some years ago, when I studied *Beris* specimens from northern Sweden, I found a species related to *B. chalybeata* Forst., but distinctly different. I sent one specimen to Dr. R. Rozkošný, Brno, who stated it to be *B. strobli* Dušek & Roz. (Dušek & Rozkošný, 1968). Further material: Sweden: Upl., Stockholm 1 ♂ 1 ♀ (Boheman), coll. Zetterstedt (Zetterstedt, 1849). — Jmt., Östersund 16.6.1933 1 ♂ (Fahländer). — Vb., Skellefteåtrakten 1.7.1956 2 ♂ (Ringdahl). — Nb., Pitholmen 2.8.1951 1 ♀ (Ander, Ardö, Berdén, Dahl); Pajala, Kengis, Utmockan 11—12.7.1951 2 ♀ (Ander, Ardö, Berdén, Dahl). — Lu. Lpm., L. Lule älv, Letsi, 8 km NW Vuollerim, 1961 1 ♂ (Carlsson, Davidsson, Zöger); St. Lule älv, Källudden 16—19.6.1961 2 ♀ (Carlsson, Davidsson, Zöger); Jokkmokk 25.6.1948 2 ♂ (Ringdahl); Kvikkjokkdeltat, Lammholmen 27.6.1959 2 ♂ 3 ♀ (Brinck, Cederholm, Wingstrand); Mitekjaure, 9 km NNW Kvikkjokk 30.6.1959 4 ♀ (Brinck, Cederholm, Wingstrand); Kamajokk, Änok 7.7.1959 4 ♂ 2 ♀ (Brinck, Cederholm, Wingstrand). — T. Lpm., Abisko 30.6.1947 3 ♂ (Ringdahl); Abisko, Nuoljatunneh 29.6.1957 3 ♂ 2 ♀, 9.7.1957 1 ♀, 13.7.1957 1 ♀, 24.7.1958 5 ♂ 1 ♀, 6.8.1958 5 ♀ (P. I. Persson). Known from Austria, Czechoslovakia and Hungary.

Evidently, *B. strobli* is not uncommon in the northern half of Sweden. Because it has previously been mixed up with *B. fuscipes* Meig. and *B. chalybeata* Forst., I give a complete list of the material I have seen of these two species.

Beris chalybeata Forst. (Syn.: *B. sexdentata*, Zett., 1842; *B. obscura*, Zett., 1842.) — Sweden: Skåne 29 ♂ 84 ♀ from 17 localities collected 13.5—24.6 (1 specimen 11.9) by Ander, Andersson, Ardö, Dahl, Persson, Ringdahl, B. Tjeder, or Wahlgren. — Sm., Fiolen at Åkhult 6.6.1970 3 ♂ 1 ♀ (Andersson); Aneboda 11.6.1969 1 ♀, 6.6.1970 1 ♂ 2 ♀ (Andersson). — Vg., Kinnekulle 1 ♂ (Boheman) (Zetterstedt, 1842); Töreboda 15.6.1939 1 ♀ (Lundberg). — Dlr., Falun, Norslund 3.7.1929 1 ♀ (T. Tjeder); Leksand, Tällberg 3.7.1954 4 ♀ (T. Tjeder). — Gstr., Torsåker 3.7.1945

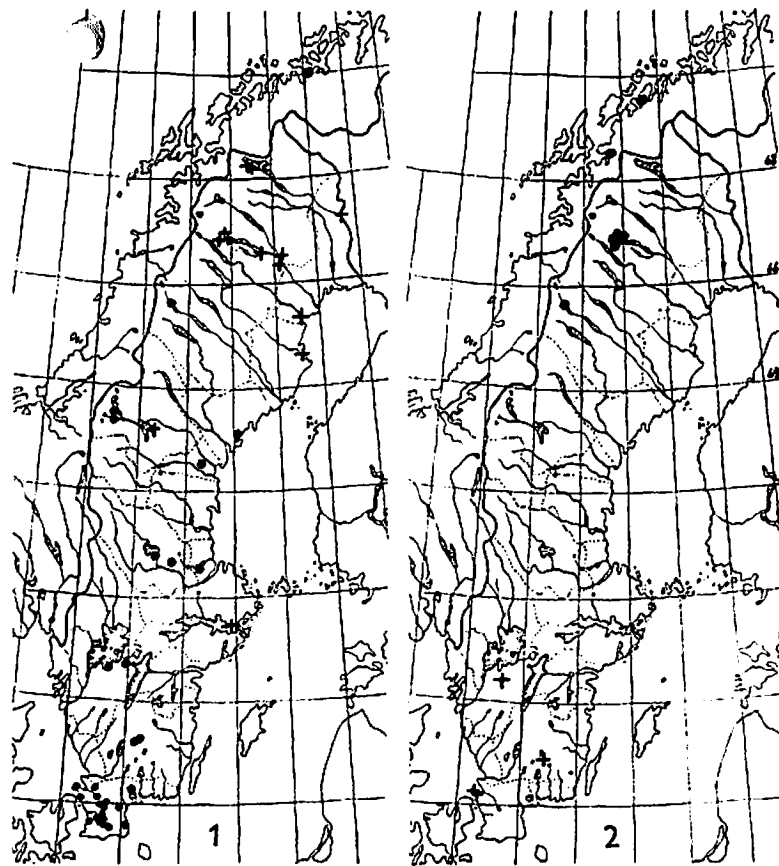


Fig. 1—2. Distribution in Sweden and northernmost Norway of 1) *Beris strobli* Dušek & (+) and *Beris chalybeata* Forst. (•); 2) *Beris morrisi* Dale (+) and *Beris fuscipes* Meig

1 ♀ (Ardö). — Jmt., Åre 7.1928 2 ♂ 2 ♀ (Ringdahl); Åreskutan 10.7.1949 (Ringdahl). — Medelpad, 18.7.1840 (Zetterstedt). — Ång., Docksta 22.6.1956 (Ringdahl). — Ly. Lpm., Tärna 1856 2 ♀ (Holmgren). — Norway: Finn., I fjord 4.7.1956 1 ♂ (Andersson).

Beris fuscipes Meig. (Syn.: *B. geniculata*, Wahlb., 1854; *B. fuscipes* p. p., Ri 1951). — Sweden: Ly. Lpm., Tärnaby 18.6.1927 1 ♂ 1 ♀ (Ringdahl). — Lu. 1 Kvikkjokk 1 ♀ (Wahlberg), 27.6.1948 6 ♂ 4 ♀ (Ringdahl); Kvikkjokk, Lamrmen 27.6.1959 5 ♂ 5 ♀ (Brinck, Cederholm, Wingstrand); Kvikkjokk, Tarrstranden 28.6.1959 1 ♂ 1 ♀ (Brinck, Cederholm, Wingstrand); Mitekjaure, 9 km NNW Kvikkjokk 30.6.1959 5 ♂ 3 ♀ (Brinck, Cederholm, Wingstrand); Kama 26.6.1959 5 ♂ 2 ♀ (Brinck, Cederholm, Wingstrand). — Norway: Troms., V 1.7.1956 1 ♀ (Andersson). — Nordl., Narvik 4.7.1928 1 ♀ (Ringdahl).

Beris morrisi Dale. — Sweden: Sk. Mölle 18.6.1927 1 ♂ (Ringdahl) (Ring 1952); Kullaberg 6.6.1963 1 ♂, 11.7.1967 1 ♀, 1.8.1969 1 ♀, 4.8.1969 1 ♀ (Andersson)

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— Sm., Växjö, Trummen 26.6.1969 1 ♀ (Andersson). — Vg., 1 ♂ (Boheman) (Wahlberg, 1854).

Beris geniculata Hal. The specimen recorded by Wahlberg (1854) under this name is *B. fuscipes* Meig. I have seen no Swedish specimens of *geniculata*.

Platycheirus sticticus Meig. (Syrphidae.) — Sweden: Sk., Kullaberg 22.7.1968 1 ♂ (Andersson). New to Sweden. Known from Denmark; Europe.

Lonchoptera scutellata Stein. (Lonchopteridae.) — Sweden: Sk., Hällestad, Grytlängen 6.2.1971 3 ♂ 1 ♀ (E. Olofsson), 6.5.1971 2 ♂ 10 ♀ (Andersson); S. Sandby, Kungsmarken 31.3.1967 1 ♂ 1 ♀ (Olofsson). From Sweden only known in one specimen from Upl. Olofsson found the species in both localities hibernating as adults in dead stems of *Typha latifolia*. At Grytlängen the species occurs along a small stream in a restricted marshy area with *Scirpus silvaticus*, *Phalaris arundinacea*, *Equisetum fluviatile*, *Typha*, *Alisma plantago aquatica* etc. *Lonchoptera impicta* Zett. was found together with *scutellata* in Grytlängen, 6.5.1971 3 ♀ (Andersson).

Lonchoptera fallax de Meij. — Sweden: Sk., Kullaberg 12.7.1967 1 ♂, Ransviksbäcken 16.7.1967 1 ♂ (Andersson). — Hall., Enslöv, Årnilt, Hultet 26.6.1967 2 ♂ 1 ♀, 4.7.1968 1 ♂, Lunnaberget 24.6.1967 2 ♂, 22.7.1967 1 ♀ (Andersson). Known from Vg. and Nrk.

Lonchoptera nigrociliata Duda. — Sweden: Hall., Enslöv, Årnilt 4.7.1968 1 ♂ (Andersson). Known from Sk. and Ly. Lpm.

Clusiodes verticalis Coll. (Clusiidae.) — Sweden: Sk., Öved, Torps klint 28.8.1962 1 ♂ (Andersson); Kullaberg 3.8.1969 1 ♂, 18.7.1968 1 ♂, 21.7.1968 1 ♂ (Andersson). New to Sweden. Known from Great Britain.

Anthomyza albimana Meig. (Anthomyzidae) — Sweden: Sk., Helsingborg 5.9.1943 1 ♀ (Ringdahl); Kullaberg 1.8.1969 1 ♂ 2 ♀, 3.8.1969 7 ♂ 3 ♀ (Andersson). New to Sweden. Known from England, Estonia and Central Europe.

Anthomyza cingulata Hal. — Sweden: Sk., Silvåkra, Stensoffa 2.8.1966 2 ♂ 9 ♀ (Andersson). — Hall., Enslöv, Årnilt 27.7.1964 1 ♀ (Andersson). Known from Boh. and Sdm.

Psila merdaria Coll. (Psilidae.) — Sweden: Sk., Raus, Råå-ådalen 21.5.1961 3 ♂ (Andersson). New to Sweden. Known from the British Isles, Denmark, and European USSR.

Psila problematica Hennig. — Sweden: Nb., Kengis, Utmuotkan 30.7.1955 1 ♂ (Andersson). New to Sweden. Known from Central Europe and northwestern part of European USSR.

Psila clunatis Coll. — Sweden: Nb., Råneå, Högsön 3—4.7.1963 2 ♂ (Andersson). New to Sweden. Known from Great Britain.

Minettia loewi Schin. (Lauaxiidae.) — Sweden: Dir., Floda, Sångån 16.6.1947 1 ♂ (T. Tjeder). New to Sweden. Known from Central Europe, Leningrad area and inland.

Piophila pectiniventris Duda. (Piophilidae.) — Sweden: T. Lpm., Abisko, Nuolja-anneln 23.6.1957 1 ♂ (Persson); Björkliden 9.7.1954 1 ♂ (Rydén). — Ång., Locksta 18.6.1954 1 ♂ (Rydén). New to Sweden. Known from Germany, Finland and north-western part of European USSR.

Camilla atrimana Strobl. (Camillidae.) — Sweden: Sk., Lomma 13.9.1959 1 ♀ (Andersson); Krankesjön 7.6.1969 1 ♂ (Andersson). New to Sweden. The specimen from Denmark, Jylland, Klitmøller, recorded by Ardö (1957) as *C. acutipennis* Lw det. R. Frey, is in fact *atrimana* Strobl. Of the true *C. acutipennis* Lw I have seen no specimens from Spain, Mallorca, 7 km E Palma 1.4.1969, leg. B. Svensson.

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Camilla glabrata Coll. — Sweden: Sk., Löderup 11.8.1923 1 ♂ 1 ♀ (Ringdahl); Andrarum 28.7.1961 1 ♀ (Ringdahl); Hyby, Eksholm 12.6.1961 1 ♂ (Andersson); Lund 11.5.1961 1 ♀ (Andersson); Kullaberg 12.6.1957 1 ♂ 1 ♀, 20.6.1957 1 ♂ 1 ♀, 22.6.1957 1 ♂, 13.8.1957 1 ♀, 6.6.1963 4 ♂ 1 ♀, 4.8.1969 1 ♂ (Andersson), Kullaberg, Ransviksbäcken 5.7.1952 1 ♀ (B. Tjeder). New to Sweden. Known from England, Central Europe and European USSR.

Camilla glabra Fall. In Zetterstedt's collections there is the following material: Sweden: Sk., Lund 1 ♂ 1 ♀. — Gtl. 1 ♂ 3 ♀. — Without locality 4 ♂ 6 ♀ (3 ♂ from Fallen's collection). — Norway(?): 1 ♀ leg. Boheman. — Finland: Taipalsaari 1 ♀ leg. Maklin. In Wallengren's collection there is 1 ♀ without locality, probably from Fallen's collection. It is remarkable that all Fallen's and Zetterstedt's material is *C. glabra* Fall. (Collin, 1956), while the more recent material is all *C. glabrata* Coll.

Athyroglossa glabra Meig. (Ephydriidae.) — Sweden: Sm., Aneboda 6.6.1970 1 ♂ (Andersson). New to Sweden. Known from Finland; Europe.

Neophyllomyza acyglossa Vill. (Milichiidae.) — Sweden: Jmt., Vällista 13.7.1933 1 ♀ (Ringdahl). New to Sweden. Known from Finland, Leningrad area and Central Europe.

Phyllomyza cf. *beckeri* Kramer. (Milichiidae.) — Sweden: Sk., Kullaberg 13.8.1957 1 ♀ (Andersson). New to Sweden. This female agrees with the description and the figure that Hennig (1937, p. 36) prepared from English specimens and published in connection with his discussions of *Ph. beckeri* Kramer.

Phyllomyza donisthorpei Schmitz. — Sweden: Sk., Ö. Broby, Nordanå 1.6.1941 3 ♂ 5 ♀, 23.6.1941 2 ♂ 3 ♀, 24.6.1941 1 ♂ 2 ♀, 12.6.1940 1 ♀ (T. Nyholm), collected at or bred from nests of *Lasius fuliginosus* (Nyholm, in litt.). New to Sweden. It is still questionable if *Ph. donisthorpei* is specifically distinct from *Ph. formicae* Schmitz, but it seems probable. The present specimens agree with the description of *donisthorpei* that has been reared from nests of *L. fuliginosus* in England. *Ph. formicae*, that is bred from nests of *Formica rufa*, is known from Finland and Denmark. Both forms are further known in few records only from Western and Central Europe.

Phyllomyza equitans Hendel. — Sweden: Sk., Ö. Broby, Nordanå 1.6.1941 3 ♀, 23.6.1941 3 ♀, 24.6.1941 1 ♀ (T. Nyholm), collected at or bred from nests of *Lasius fuliginosus* together with the preceding species (Nyholm, in litt.). New to Sweden. Known from Western, Central and Eastern Europe.

Phyllomyza tetragona Hendel. — Sweden: Sdm., Strängnäs 5.1914 1 ♀ (Svenonius). New to Sweden. Known from Finland and Central Europe.

Meoneura flavifacies Coll. (Milichiidae.) — Sweden: Falsterbo, Nabbån 7.8.1953 1 ♀ (Ardö); Ystad 23.6.1908 1 ♂ (Ammitzböll); Sandhammaren 10.6.1970 1 ♂ (Andersson); Lomma 14.5.1959 1 ♂ (Andersson); Lund 23.5.1959 1 ♂, 11.6.1961 1 ♀, 17.6.1961 1 ♂ (Andersson); Dalby 3.6.1961 1 ♂ (Andersson), Ållskog, Skogshejdan 16.6.1969 1 ♂ 11 ♀, 27.6.1970 1 ♂ 1 ♀ (Andersson); Ringsjönåset 12.8.1964 1 ♀, 16.6.1965 1 ♂ (Andersson); Mölle 19.8.1958 1 ♂ (Andersson); Kullaberg 3.8.1969 1 ♀ (Andersson). — Hall., Enslöv, Årnilt 8.6.1957 1 ♂, 15.5.1967 1 ♀ (Andersson). — Boh., Havstensund 9.6.1956 1 ♂ (Andersson). — Nb., Kengis 29—30.7.1955 2 ♀ (Andersson). — Norway: Nordl., Saltdal 27.6.1956 1 ♀ (Andersson). — Finn., Langfjord 4.7.1956 1 ♀ (Andersson); Vestertana 6.7.1956 1 ♀ (Andersson).

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New to Sweden and Norway. Known from England, Central Europe and European USSR.

Meoneura triangularis Coll. — Sweden: Sk., Skärålid 20.6.1941 1 ♂ (Nyholm).
New to Sweden. Known from Western and Central Europe and Leningrad area.

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