

Recent records of Tachinidae and Rhinophoridae (Dipt.) from Norway

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Detailed records are given for 91 species of tachinid and rhinophorid flies, of which 31 seem previously not recorded from Norway. *Phebellia glaucoides* Herting, 1961 is reported from Scandinavia possibly for the first time.

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INTRODUCTION

Below are given detailed records for 91 species of tachinid and rhinophorid flies recently captured in Norway. Thirty-one species seem not to have been reported from the country previously, a fact indicative of the level of attention the groups in question have received in the past. One species is probably new to Scandinavia. All specimens are in my private collection except for a few which are deposited in Museum of Zoology, Bergen (ZMB below) or in other private collections. Identifications mostly follow the works of Stein (1924), Lundbeck (1927), Mesnil (1944—1975), Ringdahl (1945b), Emden (1954) and Herting (1961b). Other works used are cited under each species. Some of my identifications have been verified by Benno Herting, Ludwigsburg, and Stig Andersen, Copenhagen, (B.H.) and (S.A.), respectively, below. The latter also has identified some of the *Siphona* species. The nomenclature within the subfamilies Tachininae and Goniinae follows Mesnil (1944—1975). Spelling of names, sequence of species treated and their subfamilial arrangement largely follow Crosskey (1975) and Pont (1975). Non-British species are inserted at the appropriate place. For information on host relations of the early developmental stages the reader is referred to Mesnil (1944—1975), Herting (1960, 1961b) and Crosskey (1977). For most species references are given to recent taxonomic treatment, modern revisions, sources of listed synonyms, and sources of other information of taxonomic or nomenclatural importance which I have been able to trace. Next follow sources of previous records from Norway, including the names under which they have been published. I have refrained from citing the localities, partly to save

space and partly because many records are unreliable and in need of revision. The presentation of the new faunistic data largely follows previous papers (e.g. Rognes 1980).

SYSTEMATIC LIST

TACHINIDAE

Subfamily Phasinae

Alophora pusilla (Meigen, 1824).

Taxonomy: Draber-Moňko 1965.

Previous records: *Phasia pusilla* Meig. — Siebke 1877: 92; *Hyalomyia pusilla* Meig. — Ringdahl 1944b: 7; *Parallophora pusilla* Meig. — Ringdahl 1952: 142—143 No. 230.

Material: — Telemark: TEi: Hjartdal, Gvammen, EIS 26, 1 ♂ 12 July 1976, T. Nielsen, (S.A.).

The terminalia have been dissected and agree with Draber-Moňko's figures (1965: 95).

Gymnosoma globosum (Fabricius, 1775)

Material: — Aust-Agder: AAy: Tromøy, Lovstad, EIS 6, 1 ♂ 31 July 1974, T. Nielsen, (S.A.).

New to Norway.

Gymnosoma rotundatum (L.)

Taxonomy: Rohdendorf 1947; Mesnil 1952 x.

Previous records: *Gymnosoma rotundata* Lin. — Siebke 1777: 91; Bidenkap 1892: 236; *Gymnosoma rotundatum* L. — Ringdahl 1944b: 7; Ringdahl 1952: 142—143 No. 235.

Material: — Telemark: TEi: Seljord, Seljord, EIS 17, 1 ♂ 2 ♀ 26 July 1976, T. Nielsen, (S.A.). — Aust-Agder: AAi: Evje og Hornnes, Bjorå, EIS 5, 3 ♂ 19 June 1977, S. Svendsen; AAy: Risør, Øysang, EIS 11, 1 ♀ 27 June 1975, T. Nielsen. — Vest-Agder: VAY: Kristiansand, Stangenes, EIS 2, 1 ♀ 13 June 1976, J.R. Svendsen; Mandal, Skogsfjord, EIS 2, 1 ♀ 6 Aug. 1976, T. Nielsen.

Cylindromyia brassicaria (Fabricius, 1775)

Previous records: *Ocyptera brassicaria* Fabr. —

Zetterstedt 1849: 3257; Siebke 1877: 91; Bidentkap 1892: 236; Ringdahl 1944b: 7; Ringdahl 1952: 142—143 No. 243.

Material: — Akershus: AK: Bærum, Steinshøgda, EIS 28, 1 ♂ 29 July 1977, (S.A.). — Buskerud: Bø: Kongsberg, Komnes, EIS 19, 1 ♂ 6 Aug. 1979; Hvittingfoss, EIS 19, 1 ♂ 6 Aug. 1979. — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 1 ♀ 26 July 1979, K. & A. & Ø. & T. Rognes.

Cylindromyia interrupta (Meigen, 1824)

Previous records: *Ocyptera interrupta* Meig. — Ringdahl 1944b: 7; Ringdahl 1952: 142—143 No. 245.

Material: — Akershus: AK: Bærum, Øverland, EIS 28, 1 ♀ 23 June 1979. — Oppland: On: Fron, Vinstra, EIS 62, 1 ♂ 10 June 1979, S. Svendsen. — Telemark: TEi: Hjartdal, Gvammen, EIS 26, 1 ♂ 12 July 1976, T. Nielsen, (S.A.).

Cylindromyia pusilla (Meigen, 1824)

Previous records: *Ocyptera pusilla* Meig. — Ringdahl 1944b: 7; Ringdahl 1952: 142—143 No. 246.

Material: — Telemark: TEi: Kviteseid, Kviteseid gml kirke, EIS 17, 1 ♀ 25 June 1980; Skredtveit, EIS 17, 1 ♂ 5 July 1980; Vrådal (Nordbø), EIS 17, 1 ♂ 6 July 1980.

Phania thoracica (Meigen, 1824)

Previous records: *Phania thoracica* Meig. — Siebke 1877: 90; *Weberia thoracica* Meig. — Ringdahl 1952: 142—143 No. 249.

Material: — Vest-Agder: VAY: Kristiansand, Hamresanden, EIS 2, 1 ♂ 25 July 1977, T. Nielsen.

The middle tibiae have a ν seta in apical half (cf. Stein 1924; Lunbeck 1927: 118).

Subfamily Dexiinae

Billaea triangulifera (Zetterstedt, 1844)

Previous records: *Billaea triangulifera* Zett. — Ringdahl 1954: 49.

Material: — Buskerud: Bø: Flesberg, Belgen, EIS 27, 1 ♂ 27 July 1979; Øvre Eiker, Burud, EIS 27, 1 ♂ 1 Aug. 1979; Lier, Lahell, EIS 28, 1 ♂ 2 Aug. 1979; Hurum, Kongsdelene, EIS 28, 1 ♂ 2 Aug. 1979; Kongsberg, Komnes, EIS 19, 1 ♀ 6 Aug. 1979. — Telemark: TEi: Seljord, Nes, EIS 17, 1 ♂ 6 July 1980. — Aust-Agder: AAY: Fjære, Fjære kirke, EIS 6, 1 ♂ 27 June 1979, A. & K. Rognes.

Dinera ferina (Fallén, 1816)

Taxonomy: Herting 1974: 39, 40; Herting 1976: 10.

Previous records: *Myiocera ferina* Fall. — Ringdahl 1944a: 80; Ringdahl 1944b: 9.

Material: — Vest-Agder: VAY: Flekkefjord, Hidra, EIS 4, 1 ♂ 18 July 1980, K. Dahl, priv. coll.; Lyngdal, Lyngdal, EIS 1, 1 ♂ 7 Aug. 1979, L.M. Ramslund, priv. coll. — Hordaland: HOY: Bergen (Fana), Stend, EIS 30, 1 ♀ 25 July 1980.

Trixa caerulescens Meigen, 1824

Taxonomy: Herting 1962: 84; Herting 1972: 4.

Previous records: *Trixa limbata* Zetterstedt 1838: 630; Siebke 1877: 90 (synonym according to Lunbeck 1927: 417—418 and Ringdahl 1945a: 30); *Trixa alpina* Meig. — Ringdahl 1944b: 10; *Trixa alpina* Zett. (sic) (author's name corrected by Ringdahl 1953) — Ringdahl 1952: 142—143 No. 225.

Material: — Oppland: Os: Gausdal, Svatsum 600 m a.s.l., EIS 53, 2 ♂ ♂ 1 ♀ 5 July 1978, T. Nielsen. — Telemark: TEi: Kviteseid, Lislestøl (Vråvatn), EIS 17, 3 ♂ ♂ 24 June 1980; Skredi 400 m a.s.l., EIS 17, 1 ♂ 1 ♀ 3 July 1980; Skredi 400—750 m a.s.l., EIS 17, 1 ♂ 3 July 1980. — Rogaland: Ry: Sandnes, Eltravåg, EIS 7, 3 ♂ ♂ 3 June 1978, (S.A.). — Møre og Romsdal: MRi: Sunndal, Nes, EIS 85, 1 ♂ 1—15 July 1964, R. Mehl, priv. coll. — Nordland: Nsi: Rana, Virvassdalen, EIS 124, 2 ♂ ♂ 24 July 1978, (S.A.).

Trixa variegata Meigen, 1824

Taxonomy: Herting 1972: 4.

Previous records: *Trixa oestroides* R.D. — Ringdahl 1944b: 10; Ringdahl 1952: 142—143 No. 224.

Material: — Aust-Agder: AAi: Bygland, Longe-rak, EIS 9, 1 ♂ 4 Aug. 1979, M. Aardal, priv. coll. — Vest-Agder: VAY: Flekkefjord, Hidra (Litjern), EIS 4, 1 ♂ July 1979, A.J. Nilsen, priv. coll. — Hordaland: HOY: Bergen, Kobbeltveit (Isdalen), EIS 40, 3 ♂ ♂ 28 July 1980.

Subfamily Tachininae

Voria ruralis (Fallén, 1810)

Taxonomy: Crosskey 1973: 163—164 (lectotype designation); Mesnil 1974: 1262.

Previous records: *Tachina ruralis* Fall. — Siebke 1877: 81; *Plagia ruralis* Fall. — Strand 1914: 324; *Voria ruralis* Fall. — Ringdahl 1944b: 11; Ringdahl 1952: 138—139 No 145.

Material: — Akershus: AK: Bærum, Nordby gård, EIS 28, 1 ♀ 22 June 1979; Øverland, EIS 28, 1 ♂ 1 ♀ 23 June 1979; Oslo, Sørkedalen, EIS 36, 2 ♂ ♂ 22 June 1979. — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 2 ♀ ♀ 1 Aug. 1979; Ulleland, EIS 28, 2 ♂ ♂ 1 ♀ 5 Aug. 1979. — Vestfold: VE: Hof, Thorrud, EIS 28, 2 ♂ ♂ 1 ♀ 28 July 1979. — Telemark: TEi: Seljord, 3 km SØ Seljord sentrum, EIS 17, 1 ♂ 29 June 1980; Ulvenes, EIS 17, 1 ♂ 6 July 1980; Kviteseid, Kviteseid gml. kirke, EIS 17, 1 ♂ 25 June 1980; Kviteseid, EIS 17, 1 ♂ 29 June 1980; Kvitsund skole, EIS 17, 1 ♀ 29 June 1980; Tokke, Dalen, EIS 16, 2 ♀ ♀ 1 July 1980. — Rogaland: Ry: Stavanger, Krossberg, EIS 7, 1 ♂ 19 Aug. 1980; 1 ♂ 24 Aug. 1980.

Athrycia curvinervis (Zetterstedt, 1844)

Taxonomy: Herting 1973: 11; Mesnil 1974: 1264.

Previous records: *Tachina ruficornis* Zett. — Siebke 1877: 81; *Tachina curvinervis* Zett. — Siebke 1877: 88; *Plagia curvinervis* Zett. — Bidentkap 1898: 149. Ringdahl (1945a) erroneously sy-

- nonymized *curvinervis* with *trepida* Meigen, 1824 (Herting 1962: 85), for which reason it is listed under that name in his (1952) catalogue (see below).
- Material: — Vestfold: VE: Hof, Thorrud, EIS 28, 4 ♀ ♀ 28 July 1979. — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 1 ♀ 26 July 1979.
- Athyrcia trepida* (Meigen, 1824)
- Taxonomy: Herting 1973: 11; Mesnil 1974: 1265. Previous records: *Tachina subcincta* Zetterstedt 1844: 1026; Siebke 1877: 82; *Voria trepida* Meig. — Ringdahl 1944a: 81; Ringdahl 1952: 138—139 No. 146. Note that Ringdahl erroneously included *curvinervis* Zett. within his concept of *trepida* (Ringdahl 1945a: 27, 29; Herting 1962: 85).
- Material: — Telemark: TEi: Tokke, Dalen, EIS 16, 1 ♀ 1 July 1980.
- Ramonda spathulata* (Fallén, 1820)
- Taxonomy: Mesnil 1974: 1300.
- Material: — Vest-Agder: VAY: Lindesnes, Jørgenstad, EIS 1, 1 ♂ 18 July 1980, T. Nielsen. — Rogaland: Ry: Stavanger, Madlalia, EIS 7, 1 ♂ 24 May 1980; Godalen, EIS 7, 1 ♂ 1 June 1980. New to Norway.
- Aphelogaster alpina* (Villeneuve, 1910)
- Taxonomy: Mesnil 1974: 1291.
- Material: — Oppland: Os: Ringebu, Ringebu stavkirke, EIS 63, 1 ♂ 9 July 1978, T. Nielsen, (S.A.). New to Norway.
- Phyllomya volvulus* (Fabricius, 1794)
- Taxonomy: Mesnil 1975: 1353.
- Previous records: *Musca volvulus* Fabr. — Zetterstedt 1838: 653; *Dexia volvulus* Fabr. — Zetterstedt 1844: 1272; Siebke 1877: 93; *Phyllomyia volvulus* Fabr. — Ringdahl 1944a: 81; Ringdahl 1944b: 11; Ringdahl 1952: 138—139 No. 171.
- Material: — Akershus: AK: Eidsvoll, Eidsvoll, EIS 36, 1 ♀ 4 Aug. 1979. — Buskerud: Bø: Hurum, Kongsdelene, EIS 28, 1 ♀ 2 Aug. 1979; Drammen, Drammen, EIS 28, 1 ♀ 31 July 1979; Øvre Eiker, Burud, EIS 27, 2 ♀ ♀ 1 Aug. 1979; Kongsberg, Hvittingfoss, EIS 19, 1 ♂ 6 Aug. 1979; Komnes, EIS 19, 1 ♀ 6 Aug. 1979; Kongsberg, EIS 27, 1 ♂ 28 July 1979. — Telemark: TEi: Bø, Bø, EIS 18, 3 ♀ ♀ 25 July 1979; Øvrebo, EIS 17, 1 ♀ 25 July 1979; 3 ♂ ♂ 6 July 1980; Hjartdal, Øverbø, EIS 26, 1 ♂ 12 July 1976, T. Nielsen, (S.A.); Seljord, Ulvenes, EIS 17, 1 ♂ 1 ♀ 25 July 1979; Fyresdal, Aslestad — Slystøyl 650 m a.s.l., EIS 16, 3 ♂ ♂ 7 July 1980. — Hordaland: HOy: Bergen (Fana), Fantoft, EIS 30, 1 ♀ 27 July 1980; Fjøsanger, EIS 30, 4 ♂ ♂ 1 ♀ 22 July 1980; Grønnestølen, EIS 30, 3 ♀ ♀ 19 July 1980.
- Eriothrix rufomaculatus* (Degeer, 1776)
- Taxonomy: Mesnil 1975: 1322.
- Previous records: *Tachina lateralis* Fall. (sic) — Siebke 1877: 88. Siebke refers to Zetterstedt 1844: 1188 where *lateralis* Fallén, 1810 = *lateralis* Fabricius, 1781 is treated (cf. also Lundbeck 1927: 525). *T. lateralis* Fallén, 1816 = *nigripes* Fabricius, 1794 (*Thelaira*), however (cf. Mesnil 1975: 1339); *Olivieria lateralis* Fabr. — Bidenkap 1898: 149; Bidenkap 1901: 55; *Eriothrix rufomaculatus* Deg. — Ringdahl 1944a: 81; Ringdahl 1944b: 11; Ringdahl 1952: 140—141 No. 198; Ardö 1957: 162.
- Material: — Buskerud: Bø: Kongsberg, Gran, EIS 18, 1 ♀ 6 Aug. 1979. — Telemark: TEi: Notodden, Elgsjø, EIS 27, 1 ♀ 15 July 1978, T. Nielsen. — Vest-Agder: VAY: Vennesla, Eikeland, EIS 5, 1 ♂ 21 Aug. 1975, S. Svendsen; Lindenes, Jørgenstad, EIS 1, 1 ♂ 21 July 1977, T. Nielsen; 1 ♂ 20 July 1979, T. Nielsen; 1 ♂ 16 July 1980, T. Nielsen. — Rogaland Ry: Lund, Moi, EIS 4, 1 ♂ 23 June 1978; Refsland, EIS 3, 3 ♂ ♂ 17 July 1977; Eigersund, Eigersund, EIS 3, 1 ♂ 29 July 1979, L.M. Ramsland, priv.coll.; Klepp, Øksnevad, EIS 7, 1 ♂ 1 Aug. 1979, T. Nielsen; 1 ♀ 1 Sept. 1979; Sandnes, Bogafjell, EIS 7, 1 ♀ 26. Aug. 1979; Sola, Sola, EIS 7, 1 ♂ 2 ♀ ♀ 25 Aug. 1979; Stavanger, Krossberg, EIS 7, 1 ♂ 15 July 1977; 1 ♀ 13 Aug. 1977; 1 ♀ 9 Aug. 1978; 3 ♂ ♂ 2 Sept. 1979; Revheim, EIS 7, 1 ♀ 11 Aug. 1977; Sunde, EIS 7, 8 ♀ ♀ 7 Aug. 1978, (S.A.); 1 ♂ 17 July 1979; 1 ♀ 1—15 Aug. 1979; 1 ♂ 12 July 1980; Tjensvoll, EIS 7, 1 ♂ 13 July 1977, (S.A.); 1 ♀ 10 Aug. 1977; 1 ♂ 11 Aug. 1977; Ullandhaug, EIS 7, 4 ♂ ♂ 8 Aug. 1978; 5 ♂ ♂ 2 ♀ ♀ 10 Aug. 1978; 1 ♀ 26 Aug. 1979; Randaberg, Børaunen, EIS 7, 1 ♀ 3 Sept. 1977. — Hordaland: HOy: Bergen (Fana), Storetveit, EIS 30, 1 ♂ 1 ♀ 18 July 1980; Rådal — Stend, EIS 30, 1 ♀ 25 July 1980. — Møre og Romsdal: MRi: Rauma, Lerheim, EIS 77, 1 ♀ 29 July 1978.
- Campylocheta praecox* (Meigen, 1824)
- Taxonomy: Mesnil 1974: 1254.
- Material: — Vest-Agder: VAY: Flekkefjord, Rasvåg, EIS 4, 1 ♂ 10—11 May 1979. — Rogaland: Ry: Stavanger, Ullandhaug, EIS 7, 1 ♂ 18 April 1979. New to Norway.
- Thelaira nigripes* (Fabricius, 1794)
- Taxonomy: Mesnil 1975: 1339. Mesnil (1975: 1337f) has recently shown that three species, viz. *leucozona* Panzer, 1809, *nigripes* Fabricius, 1794 and *solivaga* Harris, 1776, exist within the genus *Thelaira* Robineau-Desvoidy, 1830 in Europe instead of one as previously believed.
- Previous records: *Dexia leucozona* Panz. — Siebke 1877: 93; *Thelaira leucozona* Panz. — Bidenkap 1892: 237; *Thelaira nigripes* Fabr. — Ringdahl 1944b: 11; Ringdahl 1952: 140—141 No. 207. According to Mesnil (*l.c.*) the true *leucozona* is a more southern species in Europe. I therefore assume that *nigripes* is the species referred to by Siebke and Bidenkap. It is possible that *solivaga* also will be found among the above records (see below).
- Material: — Telemark: TEy: Bamble, Bamble, EIS 11, 3 ♂ ♂ 27 July 1979, Ø. Rognes. — Rogaland: Ry: Sandnes, Lura, EIS 7, 2 ♂ ♂ 19 July 1979.
- Thelaira solivaga* (Harris, 1776)
- Taxonomy: Mesnil 1975: 1340.

- Material: — Telemark: TEi: Kviteseid, Kvitsund skole, EIS 17, 1 ♂ 29 June 1980; Kviteseid, EIS 17, 1 ♀ 29 June 1980.
- New to Norway. Mesnil (*l.c.*) reports the species from «Skandinavien». It is not listed by Hackman (1980) from Finland.
- My specimens have 1 or 2 *pd* setae on the middle tibiae, and in the male the hind fifth or sixth of the fourth tergite is black as in the British specimens cited by Mesnil (*l.c.*). The basal bands of dusting on the intermediate abdominal segments of the female are not interrupted at the midline, i.e. opposite to the condition in my (Danish) female specimens of *T. nigripes*.
- Dexiosoma caninum* (Fabricius, 1781)
Taxonomy: Mesnil 1974: 1233.
Previous records: *Dexia canina* Fabr. — Zetterstedt 1849: 3263; Siebke 1877: 92; Bidenkap 1892: 237; *Dexiosoma caninum* Fabr. — Ringdahl 1944b: 9; Ringdahl 1952: 140—141 No. 211.
Material: — Akershus: AK: Bærum, Fossum, EIS 28, 1 ♂ 3 Aug. 1979; Nordby gård, EIS 28, 1 ♀ 3 Aug. 1979. — Buskerud: Bø: Drammen, Drammen, EIS 28, 9 ♂♂ 4 ♀♀ 31 July 1979; Øvre Eiker, Burud, EIS 27, 1 ♂ 1 ♀ 1 Aug. 1979. — Telemark: Tokke, Dalen, EIS 16, 2 ♂♂ 30 June 1980; 2 ♂♂ 1 ♀ 1 July 1980. — Vest-Agder: VAY: Lindesnes, Gåsestein, EIS 1, 1 ♀ 22 July 1980, T. Nielsen. — Hordaland: HOy: Bergen (Fana), Trollhaugen, EIS 30, 1 ♀ 21 July 1980; Fjøsanger, EIS 30, 1 ♂ 22 July 1980; Fantoft, EIS 30, 2 ♂♂ 1 ♀ 24 July 1980; 2 ♂♂ 2 ♀♀ 27 July 1980; Stend (Mjølkevika), EIS 30, 2 ♂♂ 25 July 1980.
- Cleonice callida* (Meigen, 1824)
Taxonomy: Ringdahl 1934: 270; Ringdahl 1945a: 29; Mesnil 1972: 1090.
Previous records: *Tachina rotundicornis* Zetterstedt 1838: 641 (described from a female specimen taken by Boheman in the Dovre mountains, Norway); Zetterstedt 1844: 1156; Siebke 1877: 87; *Steiniella callida* Meig. — Ringdahl 1944a: 81; Ringdahl 1944b: 11; Ringdahl 1952: 138—139 No. 167.
Material: — Telemark: TEi: Kviteseid, Skredi, EIS 17, 1 ♀ 22 June 1980, (B.H.).
The specimen has only one lateral scutellar seta on each side, i.e. a total of 3 pairs of marginal scutellar setae. It was caught on leaves of *Populus tremula*.
- Pelatachina tibialis* (Fallén, 1810)
Taxonomy: Mesnil 1973: 1113.
Previous records: *Tachina tibialis* Fall. — Siebke 1877: 82; *Pelatachina tibialis* Fall. — Ringdahl 1944a: 81; Ringdahl 1944b: 11; Ringdahl 1952: 138—139 No. 169.
Material: — Akershus: AK: Bærum, Steinshøgda, EIS 28 1 ♀ 25 June 1979, A. & K. Rognes. — Rogaland: Ry: Stavanger, Byhaugen, EIS 7, 1 ♀ 9 June 1979; Tjensvoll, EIS 7, 1 ♀ 19 June 1979. — Finnmark: Fi: Alta, Øvre Alta, EIS 173, 1 ♀ 20 July 1978, (S.A.).
- The record from Øvre Alta (69°55'N) is probably the northernmost from Scandinavia.
- Zophomyia temula* (Scopoli, 1763)
Taxonomy: Mesnil 1972: 1083.
Previous records: *Tachina tremula* Lin. — Siebke 1877: 87; *Zophomyia temula* Scop. — Ringdahl 1952: 138—139 No. 170.
Material: — Østfold: Ø: Fredrikstad, Øra, EIS 20, 2 ♂♂ 24 June 1979. — Vest-Agder: VAY: Lindesnes, Jørgenstad, EIS 1, 1 ♂ 1 ♀ 20 July 1979, T. Nielsen.
- Pseudopachystylum goniaeoides* (Zetterstedt, 1838)
Taxonomy: Mesnil 1972: 1088.
Material: — Buskerud: Bø: Ringerike, Løvlia 570 m a.s.l., EIS 36, 1 ♀ 31 July 1977, (S.A.); Flesberg, Belgen, EIS 27, 1 ♂ 27 July 1979. — Telemark: TEi: Fyresdal, Aslestad — Slystøyl 650 m a.s.l., EIS 16, 1 ♀ 7 July 1980.
New to Norway.
- Leskia aurea* (Fallén, 1820)
Taxonomy: Mesnil 1973: 1129.
Previous records: *Tachina aurea* Fall. — Siebke 1877: 89; *Leskia aurea* Fall. — Ringdahl 1952: 140—141 No. 206.
Material: — Telemark: TEi: Seljord, Seljord, EIS 17, 1 ♀ 26 July 1976, T. Nielsen, (S.A.).
- Lypha dubia* (Fallén, 1810)
Taxonomy: Mesnil 1971: 1000.
Previous records: *Tachina dubia* Fall. — Siebke 1877: 85; *Exorista dubia* Fall. — Bidenkap 1898: 149; *Lypha dubia* Fall. — Ringdahl 1944a: 80; Ringdahl 1944b: 10; Ringdahl 1952: 136—137 No. 90; *Tachina umbrinervis* Zetterstedt, 1844: 1146 (described from a female specimen taken at Nord-Trøndelag: NTi: Verdal, Garnes 30 June 1840); Siebke 1877: 86.
Material: — Vest-Agder: VAY: Kristiansand, Stangenes, EIS 2, 2 ♂♂ 3 May 1980, S. Svendsen; 1 ♂ 1 ♀ 4 May 1980, S. Svendsen; 1 ♂ 6 May 1980, S. Svendsen; Flekkefjord, Rasvåg (Hidra), EIS 4, 26 ♂♂ 2 ♀♀ 1 ♂ 1 ♀ (in cop.) 4 May 1979; 5 ♂♂ 1 ♀ 10—11 May 1979. — Rogaland: Ry: Stavanger, Byhaugen, EIS 7, 4 ♂♂ 29 April 1978; 3 ♀♀ 9 June 1979; Godalen, EIS 7, 1 ♀ 1 June 1980; 1 ♀ 3 June 1980; Krossberg, EIS 7, 1 ♀ 24 April 1977; 1 ♂ 30 April 1977; 8 ♂♂ 1 May 1977, (S.A.); 1 ♀ 14 May 1978; 1 ♂ 1 ♀ 27 May 1978, (S.A.); 2 ♂♂ 24 April 1979; 4 ♂♂ 2 ♀♀ 28 April 1979; 10 ♂♂ 1 May 1979; 3 ♂♂ 3 ♀♀ 24 May 1979; 4 ♂♂ 1 May 1980; 5 ♂♂ 2 ♀♀ 11 May 1980; Ullandhaug, EIS 7, 1 ♂ 18 April 1979; 1 ♂ 1 May 1979; 4 ♂♂ 20 April 1980; 1 ♂ 24 April 1980; 1 ♀ 22 May 1980.
- Lypha ruficauda* (Zetterstedt, 1838)
Taxonomy: Mesnil 1971: 1001.
Previous records: *Tachina ruficauda* Zetterstedt 1838: 643; Zetterstedt 1844: 1111; Siebke 1877: 85; *Eversmannia ruficauda* Zett. — Ringdahl 1944a: 80; Ringdahl 1944b: 10; *Micronychia ruficauda* Zett. — Ringdahl 1952: 136—137 No. 91; *Tachina maculipennis* Zetterstedt, 1844: 1092 (described from a single male specimen captured

- «ad diversorium Thynæs prope urbem Levanger in paroecia Skogn» (Nord-Trøndelag: NTi: Levanger) 4 July 1840; Siebke 1877: 84.
 Material: — Hordaland: HOi: Eidfjord, Måbødal 270 m a.s.l., EIS 33?, 1♂ 1♀, K.E. Jørstad et al., ZMB.
 The specimens are on a single pin. In the female, which is lacking the abdomen, the prosternum has three or four hairs on each side.
- Linnaemya vulpina* (Fallén, 1810)
 Taxonomy: Herting 1961: 10f; Mesnil 1971: 1016.
 Previous records: *Tachina vulpina* Fall. — Siebke 1877: 84; *Micropalpus vulpinus* Fall. — Ringdahl 1944b: 10; *Linnaemya vulpina* Fall. — Ringdahl 1952: 136—137 No. 94.
 Material: — Vest-Agder: VAY: Lindesnes, Jørgenstad, EIS 1, 1♀ 20 July 1979, T. Nielsen.
- Hyalurgus lucidus* (Meigen, 1824)
 Taxonomy: Mesnil 1972: 1073.
 Material: — Vest-Agder: VAY: Lindesnes, Jørgenstad, EIS 1, 2♂♂ July 1976, T. Nielsen, (S.A.).
 New to Norway.
- Gymnocheta viridis* (Fallén, 1810)
 Taxonomy: Mesnil 1972: 1079.
 Material: — Vest-Agder: VAY: Lindesnes, Jørgenstad, EIS 1, 1♀ 4 June 1979, T. Nielsen. — Rogaland: Ry: Sandnes, Melsheia, EIS 7, 1♂ 27 May 1978, J. Nystrøm, (S.A.); Stavanger, Ullandhaug, EIS 7, 1♂ 24 May 1979, J.H. Larsen; 2♂♂ 1♀ 12 May 1980.
 New to Norway.
- Appendicia truncata* (Zetterstedt, 1838)
 Taxonomy: Mesnil 1972: 1051.
 Previous records: *Tachina truncata* Zett. — Zetterstedt 1844: 1090; Siebke 1877: 84; *Ernestia truncata* Zett. — Ringdahl 1944a: 81; Forsslund 1951: 201; Ringdahl 1952: 138—139 No. 165.
 Material: — Hordaland: HOi: Odda, Grytingstøl (Valldalen) 800 m a.s.l., EIS 24, 2♂♂ 22 July 1979.
- Eurithia caesia* (Fallén, 1810)
 Taxonomy: Mesnil 1972: 1057; Herting 1975b: 5.
 Previous records: *Tachina caesia* Fall. — Zetterstedt 1844: 1115; Siebke 1877: 85; *Nemoraea caesia* Fall. — Bidenkap 1898: 149; *Ernestia caesia* Fall. — Ringdahl 1952: 138—139 No. 159.
 Material: — Telemark: TEi: Seljord, Ulvenes, EIS 17, 1♀ 25 July 1979; Seljord, 3 km SØ Seljord sentrum, EIS 17, 1♂ 29 June 1980; Kviteseid, Lislestøl (Vråvatn), EIS 17, 1♂ 1♀ 24 June 1980; Tokke, Dalen, EIS 16, 1♀ 1 July 1980; Lårdal, EIS 17, 1♀ 1 July 1980; 1♂ 4 July 1980.
- Eurithia connivens* (Zetterstedt, 1844)
 Taxonomy: Mesnil 1972: 1059.
 Previous records: *Tachina connivens* Zett. — Siebke 1877: 89; *Ernestia connivens* Zett. — Ringdahl 1944b: 11; Ringdahl 1952: 138—139 No. 163.
 Material: — Vestfold: VE: Hof, Thorrud, EIS 28, 2♂♂ 1♀ 28 July 1979. — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 1♀ 26 July 1979.
- Eurithia vivida* (Zetterstedt, 1838)
 Taxonomy: Mesnil 1972: 1066.
 Previous records: *Tachina vivida* Zett. — Siebke 1877: 84; *Nemoraea vivida* Zett. — Bidenkap 1898: 149; *Ernestia vivida* Zett. — Ringdahl 1944b: 11; Ringdahl 1952: 138—139 No. 162.
 Material: — Telemark: TEi: Seljord, Ulvenes, EIS 17, 1♀ 25 July 1979.
 The hosts of this species are unknown (Herting 1960: 113; Mesnil 1972: 1067). Siebke (*l.c.*) reports to have bred his specimens from *Arctia caja* L. (Lep., Arctiidae) («E pupa *Bomb. cajae* exclusiva.»). His identification, however, requires confirmation.
- Nowickia marklini* (Zetterstedt, 1838)
 Taxonomy: Mesnil 1970: 929.
 Previous records: *Echinomyia Marklini* Zett. — Zetterstedt 1849: 3215; Siebke 1877: 81; Bidenkap 1901: 55; Ringdahl 1944a: 80; Ringdahl 1944b: 10; Ringdahl 1952: 136—137 No. 102.
 Material: — Oppdal: On: Dovre, Hjerkin, EIS 71, 1♀ 15 July 1978, S. Svendsen. — Finnmark: Fi: Alta, Grønnåsen (Gargia), EIS 165, 1♀ 30 June 1979, T. Nielsen.
- Tachina fera* (L.)
 Taxonomy: Mesnil 1966: 912.
 Previous records: *Echinomyia fera* Lin. — Siebke 1877: 81; Bidenkap 1898: 149; Bidenkap 1901: 54—55; Strand 1900: 69; Ringdahl 1944a: 80; Ringdahl 1944b: 10; Ringdahl 1952: 136—137 No. 100.
 Material: — Akershus: AK: Ås, Holstad, EIS 28, 1♂ 17 July 1970, T. Nielsen; Bærum, Steins-høgda, EIS 28, 3♂♂ 29 July 1977, (S.A.). — Buskerud: Bø: Ringerike, Løvli, EIS 36, 1♀ 31 July 1977, (S.A.); Øvre Eiker, Burud, EIS 27, 1♀ 1 Aug. 1979. — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 2♂♂ 26 July 1979; Seljord, To, EIS 17, 1♂ 24 July 1979; Kviteseid, Vrådal, EIS 17, 1♂ 1♀ 9 July 1980, (on *Calluna vulgaris* flowers). — Vest-Agder: VAY: Lindesnes, Jørgenstad, EIS 1, 1♀ 8 Aug. 1978, T. Nielsen; 1♂ 20 July 1979, T. Nielsen; Flekkefjord, Hydra (Littern), EIS 4, 3♂♂ 1♀ July 1979, A.J. Nielsen, priv.coll.. — Rogaland: Ry: Bjerkreim, Eik (Ørsdalen), EIS 7, 1♂ 31 Aug. 1979. — Hordaland: HOy: Bergen, Kobbeltveit (Isdalen), EIS 40, 1♂ 28 July 1980. — Sogn og Fjordane: SFy: Flora, Florø, EIS 57, 1♂ 10 July 1979, L.G. Waage. — Møre og Romsdal: MRI: Surnadal, Strengen — Kvanne, 1♂ 6 Aug. 1961, R. Mehl, priv.coll..
- Tachina grossa* (L.)
 Taxonomy: Mesnil 1966: 913.
 Previous records: *Echinomyia grossa* Lin. — Siebke 1877: 81; Bidenkap 1898: 149; Ringdahl 1944b: 10; Ringdahl 1952: 136—137 No. 99.
 Material: — Rogaland: Ry: Sandnes, Usken (Bispeuren), EIS 7, 1♂ 10 July 1980, P.A. Hoel, priv. coll.; Ri: Hjelmeland, Fister, EIS 14, 1♀

July—Aug. 1979, S. Bråten, priv. coll.. — Hordaland: HOy: Bergen, Askøy, EIS 30, 1 ♀ July 1896, O.J. Lie-Pettersen, ZMB.

Tachina vernalis (Robineau-Desvoidy, 1830)

Taxonomy: Mesnil 1966: 924; Herting 1974: 3; Crosskey 1975: 99; Mesnil 1975: 1400. There is some disagreement as to whether *vernalis* or *magnicornis* Zetterstedt, 1844 is the correct name for this species. I follow the latest opinion of Mesnil cited above.

Previous records: *Echinomyia magnicornis* Zett. — Strand 1914: 324; Ringdahl 1952: 136—137 No. 101.

Material: — Akershus: AK: Bærum, Steinshøgda, EIS 28, 8 ♂ 29 July 1977, (S.A.). — Oppland: On: Fron, Kvam, EIS 62, 1 ♂ 22 July 1979, S. Svendsen. — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♂ 1 Aug. 1979; Kongsberg, Efteløt, EIS 27, 1 ♀ 6 Aug. 1979; Gran, EIS 18, 1 ♀ 6 Aug. 1979; Hvitvingfoss, EIS 19, 1 ♀ 6 Aug. 1979. — Vestfold: VE: Hof, Thorrud, EIS 28, 1 ♀ 28 July 1979. — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 3 ♂ 26 July 1979; Bø, Øvrebø, EIS 17, 1 ♂ 25 July 1979; Seljord, Seljord, EIS 17, 1 ♂ 26 July 1976, T. Nielsen; Ulvenes, EIS 17, 4 ♂ 1 ♀ 25 July 1979. — Aust-Agder: AAy: Grimstad, Metveit, EIS 6, 2 ♀ 25 July 1976, T. Nielsen, (S.A.). AAi: Åmli, Bjorevja, EIS 10, 1 ♂ 11 July 1980, T. & K. Rognes.

None of my male specimens have 2 proclinate orbital setae, most have only one, a few none at all (cf. Mesnil 1966: 925). The claws of the front tarsi are much longer than the last tarsal segment.

Triarthria spinipennis (Meigen, 1824)

Taxonomy: Mesnil 1973: 1215; Crosskey 1974; Mesnil 1975: 1401.

Material: — Telemark: TEi: Vinje, Rauland 700 m a.s.l., EIS 25, 1 ♂ 19 June 1977, (S.A.). — Vest-Agder: VAY: Flekkefjord, Rasvåg (Hydra), EIS 4, 2 ♂ 24 June 1978, (S.A.).

The specimen from Rauland lacks the *prst ia* on both sides. It has 3 + 3 *dc*, however, and the pattern of pollinosity before the suture is as described by Emden (1954). New to Norway.

Subfamily Goniinae

Actia pilipennis (Fallén, 1810)

Taxonomy: Mesnil 1963: 826; Crosskey 1974: 283—284, 302—303 (lectotype designation).

Material: — Hordaland: HOy: Bergen (Fana), Fjøsanger, EIS 30, 1 ♂ 28 July 1980.

New to Norway.

Siphona confusa Mesnil, 1961

Taxonomy: Mesnil 1964: 859.

Material: — Telemark: TEi: Tokke, Dalen, EIS 16, 1 ♀ 30 June 1980, (S.A.).

Stig Andersen, Copenhagen, (in litt. 14 Oct. 1980) also reports to have seen material from this country.

New to Norway.

Siphona flavifrons (Staeger in Zetterstedt, 1849)

Taxonomy: Mesnil 1965: 865.

Material: — Aust-Agder: AAy: Birkenes, Åmli, EIS 6, 1 ♂ 25 July 1976, T. Nielsen, (S. Andersen det.).

Stig Andersen, Copenhagen, (*l.c.*) also reports to have seen material from this country.

New to Norway.

Siphona geniculata (Degeer, 1776)

Taxonomy: Mesnil 1965: 866.

Previous records: *Siphona geniculata* DeGeer — Zetterstedt 1838: 620; Zetterstedt 1844: 989; Siebke 1877: 80; Bidentkap 1901: 54; *Bucentes geniculata* Deg. — Ringdahl 1952: 138—139 No. 139.

Material: — Rogaland: Ry: Stavanger, Byhaugen, EIS 7, 12 ♀ 6 Sept. 1980, (S.A.); Krossberg, EIS 7, 1 ♀ 1 Oct. 1978, (S.A.); 3 ♀ 19 Aug. 1980, (S.A.); Sunde (indoors), EIS 7, 1 ♀ 10 Sept. 1980, (S.A.); Ullandhaug, EIS 7, 1 ♂ 5 June 1980, (S. Andersen det.) 1 ♂ 3 ♀ 7 Sept. 1980, (S.A.). Two of the females from Byhaugen lack the median marginal setae of second tergite.

Siphona setosa Mesnil, 1960

Taxonomy: Mesnil 1965: 876.

Material: — Telemark: TEi: Tokke, Åmdalsverk, EIS 16, 1 ♀ 1 July 1980, (S.A.).

Stig Andersen, Copenhagen, (*l.c.*) also reports to have seen material from this country.

New to Norway.

Belida angelicae (Meigen, 1824)

Taxonomy: Lundbeck 1927: 296, 297; Ringdahl 1945a: 28; Mesnil 1962: 749; Herting 1974: 33; Mesnil 1975: 1398.

Previous records: *Tachina futilis* Zett. — Siebke 1877: 82 (synonym according to Lundbeck and Ringdahl, not mentioned by Mesnil); *Sarcophaga albiceps* Meig. — Bidentkap 1901: 58 (misidentification revised by Ringdahl 1944b); *Lydella angelicae* Meig. — Ringdahl 1944a: 80; Ringdahl 1944b: 9; *Aporotachina angelicae* Meig. — Ringdahl 1952: 132—133 No. 11.

Material: — Akershus: AK: Bærum, Steinshøgda, EIS 28, 1 ♂ 29 July 1977, (S.A.). — Buskerud: Bø: Ringerike, Løvliå 570 m a.s.l., EIS 36, 1 ♂ 31 July 1977, (S.A.). — Telemark: TEi: Kviteseid, Skredtveit, EIS 17, 1 ♀ 23 June 1980; Skredi, EIS 17, 1 ♀ 8 July 1980.

Blondelia nigripes (Fallén, 1820)

Taxonomy: Mesnil 1962: 755.

Previous records: *Tachina nigripes* Fall. — Zetterstedt 1838: 636—637; Zetterstedt 1844: 1059; Siebke 1877: 82; *Blondelia nigripes* Fall. — Ringdahl 1952: 132—133 No. 7.

Material: — Telemark: TEi: Seljord, Ulvenes, EIS 17, 13 ♂ 2 ♀ 25 July 1979.

All the specimens were captured on *Angelica* flowers.

Medina collaris (Fallén, 1820)

Taxonomy: Mesnil 1962: 727.

Previous records: *Tachina collaris* Fall. — Zetterstedt 1838: 637; Zetterstedt 1844: 1072; Siebke

- 1877: 83; *Degeeria collaris* Fall. — Ringdahl 1944b: 11; *Medina collaris* Fall. — Ringdahl 1952: 136—137 No. 117.
- Material: — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 1 ♀ 26 July 1979; Seljord, Ulvenes, EIS 17, 1 ♂ 6 July 1980; Kviteseid, Kviteseid, EIS 17, 1 ♀ 29 June 1980. — Rogaland: Ry: Stavanger, Ullandhaug, EIS 7, 1 ♀ 10 June 1979.
- Medina separata* (Meigen, 1824)
Taxonomy: Herting 1966: 2; Herting 1971: 4; Herting 1972: 12.
Material: — Vest-Agder: VAY: Lindesnes, Gåsestein, EIS 1, 1 ♀ 22 July 1980, T. Nielsen. — Hordaland: HØy: Bergen (Fana), Fantoft, EIS 30, 1 ♂ 27 July 1980; Fjøsanger, EIS 30, 5 ♀ ♀ 22 July 1980; Grønnestølen, EIS 30, 1 ♂ 19 July 1980; Stend (Mjølkevika), EIS 30, 1 ♀ 25 July 1980. All the specimens from Hordaland have been examined by B. Herting.
In Scandinavia this species has been reported from Sourthern Sweden (Ringdahl leg.) by Herting (1971). Hackman (1980) does not report it from Finland.
New to Norway.
- Meigenia mutabilis* (Fallén, 1810)
Taxonomy: Mesnil 1962: 707; Ringdahl 1945a: 27, 29; Mesnil 1967x: 44; Herting 1972: 4; Mesnil 1975: 1398.
Previous records: *Tachina mutabilis* Fall. — Zetterstedt 1844: 1059—1061 (var. b); Siebke 1877: 82—83; *Meigenia mutabilis* Fall. — Ringdahl 1944a: 80; Ringdahl 1944b: 9; Ringdahl 1952: 132—133 No. 1; *Meigenia bisignata* Meig. — Bidentkap 1898: 149; *Tachina discolor* Zett. — Siebke 1877: 83 (synonym according to Ringdahl 1945a: 27 and Mesnil 1967x: 44); *Tachina pygmaea* Zetterstedt 1838: 641 (synonym according to Zetterstedt 1844: 1060 and Ringdahl 1945a: 29).
Material: — Akershus: AK: Bærum, Nordbygård, EIS 28, 1 ♂ 21 June 1979; Steinhøgda, EIS 28, 1 ♂ 29 July 1977, (S.A.); Oslo, Bygdøy, EIS 28, 1 ♂ 25 June 1979, A. & K. Rognes; Sognsvatn, EIS 28, 2 ♂ ♂ 21 June 1979. — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♂ 1 Aug. 1979; Ulleland, EIS 28, 1 ♀ 5 Aug. 1979; Kongsberg, Kongsberg, EIS 27, 1 ♂ 28 July 1979. — Vestfold: VE: Hof, Thorrud, EIS 28, 1 ♂ 28 July 1979. — Telemark: TEi: Tokke, Dalen, EIS 16, 1 ♂ 30 June 1980; Lårdal, EIS 17, 2 ♀ ♀ 4 July 1980. — Hordaland: HØy: Bergen, Svartediket, EIS 39, 2 ♂ ♂ 28 July 1980; Stend, EIS 30, 2 ♂ ♂ 25 July 1980. — Sogn og Fjordane: SFi: Stryn, Innvik, EIS 68, 2 ♂ ♂ 30 July 1978, (S.A.).
- Oswaldia muscaria* (Fallén, 1810)
Taxonomy: Mesnil 1962: 763.
Previous records: *Degeeria muscaria* Fall. — Schøyen 1889: 7; *Oswaldia muscaria* Fall. — Ringdahl 1952: 136—137 No. 113; Herting 1962: 81. *Vibrissina sordidisquama* Zett. — Ringdahl 1944a: 80.
Material: — Akershus: AK: Oslo, Sørkedalen, EIS 36, 1 ♀ 22 June 1979. — Telemark: TEi: Kvite-
- seid, Skredi, EIS 17, 1 ♀ 8 July 1980; Tokke, Dalen, EIS 16, 1 ♀ 1 July 1980. — Vest-Agder: VAY: Flekkefjord, Kvellandstrand, EIS 4, 4 ♂ ♂ 1 ♀ 3 June 1979; Rasvåg (Hidra), EIS 4, 13 ♂ ♂ 4 June 1979. — Sogn og Fjordane: SFi: Stryn, Innvik, EIS 68, 1 ♀ 30 July 1978, (S.A.).
- Exorista rustica* (Fallén, 1810)
Taxonomy: Mesnil 1960: 569; Mesnil 1975: 1396.
For treatment of related species see Herting 1967: 2f; Mesnil 1970x: 112—115; Herting 1971: 1; Herting 1972: 10, 14; Herting 1975b: 1.
Previous records: *Tachina rustica* Fall. — Ringdahl 1944a: 80; Ringdahl 1944b: 10; Ringdahl 1952: 134—135 No. 73.
Material: — Akershus: AK: Bærum, Øverland, EIS 28, 1 ♂ 23 June 1979.
The terminalia and fifth sternite have been examined.
- Phorocera obscura* (Fallén, 1810)
Taxonomy: Emden 1954: 73, foot-note (lectotype designation); Mesnil 1960: 641; Crosskey 1974: 301.
Previous records: *Phorocera obscura* Fall. — Ringdahl 1952: 134—135 No. 78. *assimilis* Fall. of Siebke 1877: 89 and Bidentkap 1898: 149 may contain some *obscura*.
Material: — Vest-Agder: VAY: Flekkefjord, Kvellandstrand, EIS 4, 1 ♂ 1 ♀ 3 June 1979. — Rogaland: Ry: Sola, Haga (Hansaberget), EIS 7, 1 ♂ 7 June 1980.
- Timavia amoena* (Meigen, 1824)
Taxonomy: Mesnil 1949: 74; Mesnil 1963x: 4—5; Herting 1974: 8; Mesnil 1975: 1389.
Previous records: *Winthemia amoena* Meig. — Ringdahl 1944b: 10; *Chaetolyga amoena* Meig. — Ringdahl 1952: 134—135 No. 64.
Material: — Aust-Agder: AAi: Evje og Hornnes, Hornnes, EIS 5, 1 ♀ 28 June 1978, (S.A.). — Rogaland: Ry: Sandnes, Stølsvik, EIS 7, 1 ♂ 11 June 1980.
- Winthemia erythrura* (Meigen, 1838)
Taxonomy: Stein 1924: 60; Mesnil 1949: 91.
Material: — Østfold: Ø: Fredrikstad, Øra, EIS 20, 2 ♂ ♂ 24 June 1979, A. Rognes. — Akershus: AK: Bærum, Øverland, EIS 28, 4 ♂ ♂ 23 June 1979.
B. Herting has seen all my specimens. He expresses some doubt as to the status of this species, but says that «at least your smaller specimens with darker mesonotum are determinable as *erythrura*» (Herting in litt. 18 Sept. 1980). He is then referring to 3 small males from Øverland.
Important characteristics of my specimens are: Frons at narrowest point 0.225—0.246 (mean 0.237) of head width, anterior two thirds of parafrontals and upper two thirds of parafacials with golden yellow pollinosity, uppermost parts of occiput with yellow or yellow-white hairs. Third tergite with 4—6 marginal setae. Fifth tergite on ventral side of abdomen with a black basal band occupying one fourth to one half of the length of the tergite. Fifth sternite with black lobes. Other-

- wise the abdomen has much less yellow colour than my specimens of *W. quadripustulata* (see below).
- Hackman (1980) reports *erythrura* from Finland. I have not been able to trace further records from Scandinavia.
- New to Norway.
- Winthemia quadripustulata* (Fabricius, 1794)
 Taxonomy: Mesnil 1949: 93.
 Previous records: *Tachina 4-pustulata* Fabr. — Zetterstedt 1838: 644; Zetterstedt 1844: 1104; Zetterstedt 1849: 3243; Siebke 1877: 85; *Nemoraea 4-pustulata* Fabr. — Bidentkap 1898: 149; *Winthemia quadripustulata* Fabr. — Ringdahl 1944a: 80; Ringdahl 1944b: 10; Ringdahl 1952: 134—135 No. 60.
 Material: — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♂ 1 Aug. 1979. — Vestfold: VE: Hof, Thorud, EIS 28, 3 ♂ 28 July 1979. — Telemark: TEi: Seljord, To, EIS 17, 1 ♂ 24 July 1979. My specimens differ from the *erythrura* specimens cited above in the following characters: Frons at narrowest 0.197—0.215 (mean 0.205) of head width, parafrontals and parafacials with pure white pollinosity, occiput with white hairs (one specimen with slightly yellowish hairs in the uppermost part). Third tergite with 2—3 marginal setae (one specimen with 6). Fifth tergite on ventral side of abdomen yellow. Fifth sternite with yellow lobes.
- Erycilla ferruginea* (Meigen, 1824)
 Taxonomy: Mesnil 1955: 440 (as *Erycina rutila* Meig.); Mesnil 1957x: 20, foot-note; Herting 1968: 1—3; Herting 1971: 8; Herting 1972: 6, 12; Mesnil 1975: 1394.
 Previous records: *Ceromasia ferruginea* Meig. — Ringdahl 1954: 49.
 Material: — Hordaland: HOy: Bergen (Fana), Fjøsanger, EIS 30, 1 ♂ 22 July 1980, (B.H.).
- Aplomya confinis* (Fallén, 1820)
 Taxonomy: Mesnil 1954: 330; Herting 1974: 12.
 Previous records: *Tachina confinis* Fall. — Zetterstedt 1838: 644; Zetterstedt 1844: 1141; Siebke 1877: 86; *Exorista confinis* Fall. — Ringdahl 1952: 132—133 No. 24.
 Material: — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♂ 1 Aug. 1979.
- Bothria subalpina* Villeneuve, 1910
 Taxonomy: Mesnil 1954: 336.
 Material: — Vest-Agder: VAy: Vennesla, Eike-land, EIS 5, 1 ♂ 12 April 1976, S. Svendsen. Previously recorded from Sweden (Ringdahl 1937, 1952; Herting 1962) and Finland (Hackman 1980) as far as Scandinavia is concerned.
 New to Norway.
- Brachicheta strigata* (Meigen, 1824)
 Taxonomy: Mesnil 1956: 499.
 Material: — Rogaland: Ry: Klepp, Orresanden, EIS 7, 1 ♂ 1 May 1978, (S.A.).
 Found on dry open heath-land behind sand dunes along coast of Jæren.
 New to Norway.
- Cyzenis albicans* (Fallén, 1810)
 Taxonomy: Mesnil 1954: 338.
 Previous records: *Tachina albicans* Fall. — Siebke 1877: 86; *Cyzenis albicans* Fall. — Ringdahl 1944b: 9; Ringdahl 1952: 132—133 No. 5.
 Material: — Vest-Agder: VAY: Flekkefjord, Rasvåg, EIS 4, 2 ♂ 4 May 1979; 14 ♂ 10—11 May 1979. — Rogaland: Ry: Sandnes, Dale, EIS 7, 4 ♂ 1 ♀ 15 May 1980; Sola, Haga (Hansaberget), EIS 7, 5 ♀ 7 June 1980; Stavanger, Byhaugen, EIS 7, 3 ♀ 9 June 1979; Madlalia, EIS 7, 1 ♀ 24 May 1980; Mosvannsparken, EIS 7, 1 ♂ 5 May 1980, Students leg.
- Frontina laeta* (Meigen, 1824)
 Taxonomy: Mesnil 1954: 343.
 Previous records: *Tachina laetabilis* Zett. — Siebke 1877: 88; *Frontina laeta* Meig. — Ringdahl 1952: 134—135 No. 50.
 Material: — Telemark: TEi: Seljord, Seljord, EIS 17, 1 ♂ 26 July 1976, T. Nielsen, (S.A.); Ulvenes, EIS 17, 3 ♂ 25 July 1979.
- Gonia ornata* Meigen, 1826.
 Taxonomy: Mesnil 1956: 527; Herting 1963: 106—107.
 Previous records: *Gonia lateralis* Zell. — Siebke 1877: 89 (synonym according to Lundbeck 1927: 393); *Gonia ornata* Meig. — Ringdahl 1944b: 10; Ringdahl 1952: 134—135 No. 81.
 Material: — Rogaland: Ry: Klepp, Boresanden, EIS 7, 6 ♂ 1 ♀ 20 May 1979; 11 ♂ 1 May 1980; Orresanden, EIS 7, 10 ♂ 1 ♀ 1 May 1978, (S.A.); 1 ♂ 6 May 1978, (S.A.); Selesanden, EIS 7, 1 ♀ 20 May 1978, (S.A.); Sandnes, Myklebostad, EIS 7, 1 ♂ 26 May 1979; 1 ♀ 26 May 1979, Å. Vignes; Randaberg, Sandestranden, EIS 7, 1 ♀ 1 June 1978, (S.A.).
 All specimens except the two from Sandnes were caught on or behind the large sand dunes bordering the coast along the northern part of Jæren.
- Gonia picea* (Robineau-Desvoidy, 1830)
 Taxonomy: Mesnil 1956: 528 (as *scicula*); Herting 1974: 20; Herting 1975a: 4.
 Previous records: *Gonia fasciata* Meig. — Siebke 1877: 89; Ringdahl 1952: 134—135 No. 82.
 Material: — Rogaland: Ry: Sandnes, Foss-Eike-land, EIS 7, 1 ♂ 28 May 1979, T. Figved; Stavanger, Krossberg, EIS 7, 1 ♂ 19 May 1979, T. Nybø; Stokkavtn, EIS 7, 1 ♀ 12 May 1980, L.G. Waage; Vindafjord, Vormestrand, EIS 14, 1 ♂ 1 May 1980, L.G. Waage.
- Onychogonia flaviceps* (Zetterstedt, 1838)
 Taxonomy: Mesnil 1956: 539 (as *interrupta*); Herting 1973: 7—9; Mesnil 1975: 1395; Herting 1975a: 10.
 Previous records: *Gonia flaviceps* Zetterstedt, 1838: 632 (described from a single male captured between Kautokeino and Alta in Finnmark, Northern Norway, 14 Aug. 1821) (Mesnil (1956: 542) erroneously refers the type locality to Sweden); Zetterstedt 1844: 1196; Siebke 1877: 90; Bidentkap 1901: 57.
 Material: — Oppland: Os: Gausdal, Svatsum 600

- m a.s.l., EIS 53, 1♂ 5 July 1978, T. Nielsen, (S.A.).
The abdomen is all black without red lateral markings.
- Myxexoristops blondeli* (Robineau-Desvoidy, 1830)
Taxonomy: Mesnil 1955: 446; Herting 1964: 59–65; Mesnil 1975: 1394.
Previous records: *Tachina arctica* Zetterstedt, 1838: 645 (described from a single male captured at the mountain Skaaddavara close to Alta, Finnmark, Northern Norway 7 Aug. 1821); Zetterstedt 1844: 1187; Siebke 1877: 88; *Exorista arctica* Zett. — Bidenkap 1901: 57. *M. blondeli* is listed in Ringdahl's (1952) catalogue under the name *Zenillia porcula* Zett. (cf. Herting 1962: 83), but is not recorded from Norway. This is probably due to the fact that Ringdahl (1945a: 27) (cf. Herting 1964: 60) erroneously synonymized *arctica* with *mitis* Meigen, 1824. The latter species is recorded from Norway (Ringdahl 1952: 132–133 No. 19). Note that Ringdahl (1934: 267) correctly synonymized *arctica* with *pexops* Brauer & Bergens-tamm, 1891 (= *blondeli*).
Material: — Telemark: TEi: Fyresdal, Aslestad — Slystøl 650 m a.s.l., EIS 16, 1♂ 7 July 1980, (B.H.).
The cerci agree with the figure given by Herting (1964: 60, fig. 1 a).
- Myxexoristops stolidus* (Stein, 1924)
Taxonomy: Mesnil 1955: 446; Herting 1964: 59–65; Mesnil 1975: 1394.
Material: — Telemark: TEi: Tokke, Dalen, EIS 16, 1♀ 1 July 1980, (B.H.).
This species seem not to have been recorded from Scandinavia before, not even by Hackman (1980), but this is probably due to it having been regarded in the past as identical to *M. blondeli* (see above).
New to Norway.
- Ocytata pallipes* (Fallén, 1820)
Taxonomy: Mesnil 1952: 241; Herting 1974: 17.
Previous records: *Tachina pallipes* Fall. — Siebke 1977: 89; *Rhacodineura pallipes* Fall. — Ringdahl 1952: 136–137 No. 87.
Material: — Vest-Agder: VAY: Flekkefjord, Rasvåg (Hydra), EIS 4, 1♀ 24 June 1978, (S.A.). — Rogaland: Ry: Lund, Moi, EIS 4, 1♀ 23 June 1978, (S.A.); Sola, Gimra, EIS 7, 1♀ 19 July 1979.
- Platymya fimbriata* (Meigen, 1824)
Taxonomy: Mesnil 1954: 373 (as *nemestrina*); Herting 1972: 10.
Previous records: *Exorista fimbriata* Meig. — Schøyen 1889: 7; Ringdahl 1944b: 9; *Tachina hyalinipennis* Zetterstedt, 1838: 645 (misspelled *hyalinipennis* by later authors, even Zetterstedt) (described from specimens captured at Dovre mountains, Norway, by Boheman); *Tachina hyalinipennis* Zetterstedt 1844: 1145; Siebke 1877: 86; *Tachina tricingulata* Zetterstedt, 1838: 646 (synonym according to Ringdahl 1934: 271; 1945a: 29); Zetterstedt 1844: 1146; Siebke 1877: 86; *Nemoraea 3-cingulata* Zett. — Bidenkap 1898: 149.
- Material: — Rogaland: Ry: Stavanger, Ullandhaug, EIS 7, 1♂ 1♀ 10 Aug. 1978, (S.A.).
- Cadurciella tritaeniata* (Rondani, 1859)
Taxonomy: Mesnil 1955: 426; Herting 1969: 202.
Material: — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 1♀ 26 July 1979, K. & A. & Ø. & T. Rognes, (B.H.); Kviteseid, Lundeberg (Vråvatn), EIS 17, 1♀ 26 June 1980, (B.H.).
The specimens from Lundeberg were caught on *Vaccinium myrtillus* and *V. uliginosum*. New to Norway.
- Carcelia atricosta* Herting, 1961
Taxonomy: Herting 1961a: 7; Mesnil 1975: 1388; Herting 1977: 5.
Material: — Telemark: TEy: Nome, Vårbu, EIS 18, 1♂ 7 Aug. 1979, (B.H.).
Mesnil (*l.c.*) regards this species as very close to the Nearctic *Carcelia perplexa* Sellers, 1943. Herting (in litt. 14 Sept. 1979) reports to have seen material (unpublished) from Skåne and Småland in Sweden.
New to Norway.
- Eucarcelia pollinosa* (Mesnil, 1941)
Taxonomy: Mesnil 1944: 35 (as *obesa*); Ringdahl 1934: 269; Ringdahl 1937: 38; Ringdahl 1945a: 28; Mesnil 1963x: 3; Mesnil 1975: 1388. I follow Mesnil (1963x: 4; 1975: 1388) in using the name *Eucarcelia* Baranov, 1934 instead of *Senometopia* Macquart, 1834 (cf. Crosskey 1973: 147; 1975: 103; Herting 1974: 7).
Previous records: *Carcelia rutilla* B. & B. — Ringdahl 1944b: 10; Ringdahl 1952: 134–135 No. 70.
Material: — Akershus: AK: Bærum, Fossum, EIS 28, 2♀ 3 Aug. 1979. — Vestfold: VE: Hof, Thorrud, EIS 28, 1♀ 28 July 1979. — Buskerud: Bø: Øvre Eiker, Ulleland, EIS 28, 1♀ 5 Aug. 1979; Flesberg, Belgen, EIS 27, 1♀ 27 July 1979; Hvila, EIS 27, 11♂♂ 1♀ 27 July 1979; Kongsberg, Skollenborg, EIS 27, 1♂ 1♀ 5 Aug. 1979. — Telemark: TEy: Nome, Vårbu, EIS 18, 1♂ 2♀ 7 Aug. 1979, (B.H.). TEi: Sauherad, Nordagutu, EIS 18, 1♀ 26 July 1979, K. & A. & Ø. & T. Rognes; Seljord, Ulvenes, EIS 17, 7♂♂ 2♀ 25 July 1979; Kviteseid, Skredi, EIS 17, 1♂ 2 July 1980; 2♂♂ 8 July 1980; Tokke, Dalen, EIS 16, 1♀ 30 June 1980.
Almost all my specimens have been caught on leaves of *Populus tremula*.
- Drino lota* (Meigen, 1824)
Taxonomy: Mesnil 1951: 164.
Material: — Telemark: TEi: Sauherad, Nordagutu, EIS 18, 1♀ 26 July 1979, K. & A. & Ø. & T. Rognes.
New to Norway.
- Drino vicina* (Zetterstedt, 1848)
Taxonomy: Mesnil 1951: 166; Herting 1961a: 6; Mesnil 1975: 1391.
Material: — Oppland: Os: Ringebru, Ringebru stavkirke, EIS 63, 1♀ 9 July 1978, T. Nielsen, (S.A.).
New to Norway.

Epicamponera succincta (Meigen, 1824)

Taxonomy: Mesnil 1954: 318.

Material: — Akershus: AK: Bærum, Nordby, EIS 28, 1 ♀ 21 June 1979, (B.H.).

The record from Finland by Hedström (1964: 84) is probably the first from Scandinavia. The species is listed by Hackman (1980), but not by Lundbeck (1927) or Ringdahl (1952).

New to Norway.

Huebneria affinis (Fallén, 1810)

Taxonomy: Mesnil 1954: 391.

Previous records: *Tachina affinis* Fall. — Siebke 1877: 85; *Exorista affinis* Fall. — Ringdahl 1944b: 10; Ringdahl 1952: 132—133 No. 25.

Material: — Vest-Agder: VAY: Lindesnes, Lindesnes, EIS 1, 1 ♂ 20 July 1980, T. Nielsen; Flekkefjord, Lauvnes (Hidra), EIS 4, 1 ♂ 4 June 1979.

Lydella stabulans (Meigen, 1824)

Taxonomy: Mesnil 1955: 436; Herting 1959: 425—429; Mesnil 1975: 1393.

Material: — Østfold: Ø: Fredrikstad, Øra, EIS 20, 1 ♀ 24 June 1979, (B.H.).

Known from Denmark (Lundbeck 1927: 301), Sweden (Ringdahl 1952: 132—133 No. 10) and Finland (Hackman 1980) as far as Scandinavia is concerned.

New to Norway.

Nilea hortulana (Meigen, 1824)

Taxonomy: Mesnil 1954: 382; Herting 1972: 8. On the limits of *Nilea* Robineau-Desvoidy, 1863 see Mesnil 1975: 1386.

Material: — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♀ 1 Aug. 1979, (B.H.).

As regards Scandinavia reported from Denmark (Lundbeck 1927: 314), Sweden (Ringdahl 1952: 132—133 No. 21; Herting 1962: 82) and Finland (Hackman 1980).

New to Norway.

Nilea innoxia Robineau-Desvoidy, 1863

Taxonomy: Mesnil 1954: 365; Herting 1974: 8.

Material: — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♀ 1 Aug. 1979, (B.H.). — Telemark: TEi: Seljord, Ulvenes, EIS 17, 1 ♀ 25 July 1979, (B.H.).

In Scandinavia reported only from Sweden (Ringdahl 1952: 132—133 No. 29, as *lethifera* Pand.).

New to Norway.

Nilea rufiscutellaris (Zetterstedt, 1859)

Taxonomy: Ringdahl 1945a: 29, 33; Mesnil 1954: 366 (as *temeraria* Robineau-Desvoidy, 1863); Herting 1973: 4; Herting 1974: 15; Mesnil 1975: 1393.

Material: — Telemark: TEi: Tokke, Dalen, EIS 16, 1 ♀ 1 July 1980, (B.H.).

In Scandinavia reported from Sweden (Zetterstedt 1859: 6115, *Tachina*; Ringdahl 1945b: 198, *Pales*; Ringdahl 1952: 132—133 No. 39; Herting 1962: 82, as *temeraria*; Herting 1973: 4) and Denmark (Lundbeck 1927: 343, as *Zenillia Böttcheri* Ville-neuve, 1919).

New to Norway.

Phebellia glauca (Meigen, 1824)

Taxonomy: Mesnil 1955: 464. As for the taxonomy of the genus *Phebellia* Robineau-Desvoidy, 1846, see Herting 1961a: 1—6; Mesnil 1970x: 111; Herting 1973: 4; Herting 1974: 8; Herting 1977: 2.

Previous records: *Exorista glauca* Meig. — Ringdahl 1952: 132—133 No. 16. See below.

Material: — Telemark: TEi: Seljord, Ulvenes, EIS 17, 1 ♀ 25 July 1979, (B.H.).

I have not been able to trace any further records from Norway, so Ringdahl's reasons for recording the species from this country are not clear. However, among the names cited erroneously (cf. Herting 1961a; 1977) as synonyms to *glauca* by Ringdahl (1945a: 29), namely *strigifrons* Zetterstedt, 1838: 645 and *stulta* Zetterstedt, 1844: 1109, the former was based on a single male captured at Alteidet (Troms: TRi: Kvænangen), Northern Norway. This record is repeated by Zetterstedt (1844: 1136) and Siebke (1877: 86). *stulta* is not reported from Norway. Ringdahl's (1952) record may therefore have been based on the specimen from Alteidet only, in which case the above record from Telemark is the first one from Norway.

Phebellia glaucoides Herting, 1961

Taxonomy: Herting 1961a: 1—2, 6; Mesnil 1975: 1394.

Material: — Buskerud: Bø: Øvre Eiker, Burud, EIS 27, 1 ♂ 1 Aug. 1979, (B.H.).

The terminalia agree with the figure published by Herting (1961a: 2, fig. 1). Mesnil (*l.c.*) supposes *P. glaucoides* to be identical with the Nearctic *P. imitator* Sellers, 1943. First Scandinavian record.

Phryxe magnicornis (Zetterstedt, 1838)

Taxonomy: Mesnil 1954: 405 (as *longicauda* Wainwright, 1940); Herting 1973: 4; Mesnil 1975: 1393.

Previous records: *Tachina magnicornis* Zetterstedt, 1838: 644 (type locality Dovre, Norway); Zetterstedt 1844: 1141; Siebke 1877: 86; Strand 1903: 7.

Material: — Hordaland: HOy: Bergen (Fana), Fjøsanger, EIS 30, 1 ♂ 1 ♀ 22 July 1980.

The genitalia of the male agree with the figure in Mesnil (1954: 404, fig. 40). In Scandinavia reported from Sweden (Zetterstedt *l.c.*; Herting 1962: 82, as *longicauda*), but not from Finland (Hackman 1980).

Phryxe vulgaris (Fallén, 1810)

Taxonomy: Mesnil 1955: 419.

Previous records: *Tachina vulgaris* Fall. — Zetterstedt 1838: 644; Zetterstedt 1844: 1139; Siebke 1877: 86; *Exorista vulgaris* Fall. — Bidenkap 1898: 149; *Phryxe vulgaris* Fall. — Ringdahl 1944b: 10; Ringdahl 1952: 132—133 No. 35; *Tachina mobilis* Zett. — Siebke 1877: 87 (synonym according to Ringdahl 1934: 269; 1945a: 28).

Material: — Akershus: AK: Oslo, Sørkedalen, EIS 36, 1 ♀ 22 June 1979. — Buskerud: Bø: Øvre Ei-

ker, Burud, EIS 27, 1♂ 1♀ 1 Aug. 1979. — Hordaland: HOy: Bergen (Askøy, Kleppstø, EIS 30, 1♂ 20 Sept. 1936, N. Knaben, ZMB. The male from Burud has been dissected and its terminalia agree with the figure in Mesnil (1954: 404, fig. 38).

Tlephusa cincta (Rondani, 1859)

Taxonomy: Ringdahl 1934: 268; Mesnil 1954: 328 (as *diligens* Zett.); Herting 1969: 192; Herting 1974: 9.

Previous records: *Exorista diligens* Zett. — Ringdahl 1944a: 80; Ringdahl 1944b: 9; *Exorista honesta* R.-D. — Ringdahl 1952: 132—133 No. 17. Material: — Telemark: TEi: Seljord, To, EIS 17, 1♂ 24 July 1979.

This species has for a long time been known under the name *diligens* Zett. However, B. Herting informs me (in litt. 4 May 1981) that none of the two female syntypes of *Tachina diligens* Zetterstedt, 1844: 1122—1123, which he has recently examined, belong to the species so named by Ringdahl and Mesnil. The latter species therefore must retain the name *cincta* Rondani, 1859. Siebke (1877: 85) only cites the data of the *diligens* syntype captured in Norway.

RHINOPHORIDAE

Phyto cingulata (Zetterstedt, 1844)

Taxonomy: Herting 1961b: 16.

Material: — Østfold: Ø: Kråkerøy; Glombo, EIS 20 1♀ 24 June 1979.

New to Norway.

Tricogena rubricosa (Meigen, 1824)

Taxonomy: Herting 1961b: 20.

Previous records: *Frauenfeldia trilineata* Meig. — Ringdahl 1944b: 9; Ringdahl 1952: 144—145 No. 269.

Material: — Rogaland: Ry: Klepp, Øksnevad, EIS 7, 1♂ 1 Aug. 1979, T. Nielsen.

Stevenia atramentaria (Meigen, 1824)

Taxonomy: Herting 1961b: 23; Herting 1974: 33; Crosskey 1977: 49.

Material: — Akershus: AK: Bærum, Nordby gård, EIS 28, 1♂ 21 June 1979; Øverland, EIS 28, 11♂♂ 5♀♀ 23 June 1979; Oslo, Sørkedalen, EIS 36, 1♂ 1♀ 22 June 1979.

All my specimens have well developed external vertical setae (*vte*). Many males are without an *av* seta on the middle tibia (asymmetrically developed in one specimen). The anterior half of the orbit has small proclinate setulae in varying number outside the frontal setae. The abdomen is black.

New to Norway.

Stevenia umbratica (Fallén, 1820)

Taxonomy: Herting 1961b: 27.

Previous records: *Rhinophora umbratica* Fall. — Siebke 1877: 91; *Stevenia umbratica* Fall. — Ringdahl 1952: 144—145 No. 263.

Material: — Vest-Agder: VAY: Flekkefjord, Rasvåg (Hidra), EIS 4, 1♂ 24 June 1978.

Paykullia maculata (Fallén, 1820)

Taxonomy: Herting 1961b: 29; Herting 1974: 31.

Material: — Rogaland: Ry: Sola, 200 m south of Hafsrfsjord bru, EIS 7, 1♂ 13 July 1980; Stavanger, Sunde, EIS 7, 1♀ 15 July 1979; 1♀ 5 Sept. 1979, A. Rognes.

The male has two pairs of rather distinct *prst acr*, one half and one third as long as the neighbouring *prst dc*, respectively. Only two humeral setae are present, the male has a weak third one on the left humeral callus.

New to Norway.

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