New Records of Swedish Aphids (Hem. Hom. Aphidoidea)

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Abstract

Danielsson, R. New records of Swedish Aphids (Hem. Hom. Aphidoidea). — Ent. Tidskr. 95: 64—72, 1974.

The present article is a complement to Catalogus Insectorum Sueciae. Homoptera: Aphidoidea issued in 1969. New province records and species new to the Swedish aphid fauna are listed with ecological notes for some of the species. Distinguishing characters to near related species are given in some cases. The following species are new to the Swedish fauna: *Trama rara* Mordvilko, 1908, *Chaitophorus parvus* H. R. L., 1935, *Monaphis antennata* (Kaltenbach, 1843), *Schizaphis arrhenatheri* Pettersson, 1971, *Aphis lambersi* (Börner, 1940), *Aulacorthum solani* ssp. *langei* Börner, 1939, *Acyrthosiphon scariolae* Nevsky, 1929, *Microsiphum woronieckae* Judenko, 1931, *Uroleucon scorzonerae* Danielsson, 1973, *Cerataphis orchidearum* (Westwood, 1879).

The following abbreviations are used: al. =alate viviparous female, apt.=apterous viviparous female, juv.=juvenile, ♀=oviparous female, ♂=male. All records collected by the author if not otherwise mentioned.

Cinara cupressi (Buckton, 1881)

According to Eastop (1972) *Cinara juniperina* (Mordv.) is a synonym of this species.

Cinara pilicornis (Hartig, 1841)

Found on *Picea abies* in Sm. Bergkvara 31.7.1970 (apt., juv.), 24.6.1972 (al., juv.), Sm. Växjö, Evedal 2.7.1972 (al.). New to Sm.

Cinara pini (Linné, 1758)

Three slides determined as *Cinaria taeniata* Koch in Wahlgren's collection contained apterae and alatae of this species. Two of these slides were labelled Hall. Enslöv 8.6. 52 leg. H. Andersson and the third Sk. Höör 7.7.39 leg. E. Wahlgren. Both records from *Pinus silvestris*. One slide determined as *Cinaria nuda* Mordv. by Wahlgren also belongs to this species. This slide is labelled Sk. Höör 14.7.38 on *Pinus silvestris*. New to Hall.

Cinara stroyani Pasek stat.n.

In Catalogus 1969, this species is called *Cinara piceicola* (Chol.). This name is believed to be a synonym of *C. pilicornis* (Hartig). The name *Cinara cistata* (Buckt.) has also been used for this species but this name of Buckton is the same as *C. costata* Walker (see Eastop, 1972) and a quite different species. One slide in Wahlgren's collection labelled *Cinaropsis cistata* Buckt., Sk. Höör 3.7.38 on *Picea abies* belongs to this species. I have found it on *Picea abies* in Sm. Bergkvara 31.7.1970 (apt.), 20.6.1972 (fundatrix,

al., apt.), Sm. Växjö, S. Åreda 27.6.1972 (al., apt., juv.), Sm. Växjö, Evedal 2.7.1972 (al.). New to Sm.

Cinara stroyani very much resembles *C. pilicornis* and I have found the two species in mixed colonies. Eastop (1972) mentions that they might be forms of the same species but the specimens that I have seen are easily distinguished. The apterae of *C. pilicornis* have long hairs on the hind tibia which make the length of it less than 12 times that of the longest hair, borne on it. In *C. stroyani* the hind tibia is more than 13 times the length of the longest hair borne on it. In the alatae the hind tibia of *C. stroyani* is brown with a dusky area on basal half, while the hind tibia in *C. pilicornis* is brown only at apex and the rest of the tibia is yellow.

Lachnus longirostris (Mordvilko, 1909)

I found this species on *Quercus robur* in Sm. Bergkvara 11.7.1972 (al., juv.), Sm. Torsås, St. Gettnabo 12.7.1972 (al., juv.). New to Sm.

Lachnus roboris (Linné, 1758)

I found this species on *Quercus robur* in Sm. Bergkvara 11.7.1972 (juv.), Sm. Torsås, St. Gettnabo 12.7.1972 (al., juv.). New to Sm. The specimens of *L. roboris* and *L. longirostris* were found in mixed colonies on the trees.

Protrama flavescens (Koch, 1856)

This species is previously recorded from Sk. by Ossiannilsson (1964) on roots of *Artemisia absinthium.* I have found it on roots of *Artemisia vulgaris* in Sk. Lund 23.8. 1972 (apt., juv.) and on roots of *A. campestris* in Sk. Ystad, Nybrostrand 8.10.1972 (juv.).

Protrama ranunculi (Guercio, 1909)

I found apterous specimens under a stone in Sm. Bergkvara 23.4. 1973. New to Sm.

Trama rara Mordvilko, 1908

A sample of a *Trama* sp. was kindly given to me by Dr. H. Andersson. He had found the specimens in Öland, Vickleby 11.5.1965 in a nest of *Lasius niger* under a stone. The aphids had a bluish colour. They had multifacetted eyes and very long hind tarsi. According to the keys given by Eastop (1953), Heinze (1962) and Szelegiewicz (1962) it must be *Trama rara* Mordv. The ratio between hind tarsus and hind tibia is 0.895. The sample consisted of 4 apterae. New to Sweden.

Trama troglodytes v. Heyden, 1837

This species is very common on roots of different Compositae. i found it on *Aster hybridus* in Sk. Lund 23.8.1972 (apt., juv.). Not previously recorded from this hostplant in Sweden.

Chaitophorus niger Mordvilko, 1929 s.str.

I found this species on *Salix alba* in Sk. Lund 13.9.1972 on the dorsal side of the leaves (apt., juv.). A slide in Wahlgren's collection labelled *Pseudomicrella vitellinae* Schr., Sk. Malmö 29.9.40, *Salix alba,* leg. E. Wahlgren contained one ♀ of *C. niger* Mordv. New to Sk.

Chaitophorus parvus Hille Ris Lambers, 1935

A slide given to me by Dr. L. Cederholm containing an apterous specimen of a *Chaitophorus* sp. found in Sk. Skanör 12.8.1953 appeared to be this species. It was taken on a *Calluna* heath. When I looked in Wahlgren's collection of *Chaitophorus* slides I found one slide determined as *Tranaphis vitellinae* Schr. and labelled Boh. Skaftö 25.7. 42, *Salix repens,* leg. B. Kullenberg. The slide contained one apterous specimen. It is not macerated but according to the antennal structure and the chaetotaxy of the body and the antenna it must be this species too.

The hostplant of this species is *Salix rosmarinifolia* which is closely related to *Salix repens*. New to Sweden.

Chaitophorus salicti (Schrank, 1801)

I found this species on the ventral side of the leaves of *Salix caprea* in Sm. Bergkvara 20.6.1972 (apt., juv.). New to Sm.

Chaitophorus vitellinae (Schrank, 1801)

Wahlgren (1955) recorded this species from Sk. but his specimens were *C. niger* Mordv. as stated above. Ossiannilsson has found this species in Sk. Lomma 22.7.1955 on *Salix alba* and I have found it on the same hostplant in Sk. Lund 20.8.1972 (apt.), 14.9.1972 (apt., ♀♀., ♂.).

Clethrobius comes (Walker, 1848)

I found this species on branches of *Betula verrucosa* in Sm. Växjö, S. Åreda 30.5.1971 (fundatrices). New to Sm.

Phyllaphis fagi (Linné, 1767)

A sample of this species was kindly given to me by my friend L. Karlsson who found it in Sm. Mariannelund, Hessleby 30.6.1972 on *Fagus silvatica*. All the trees in the neighbourhood were heavily infested. New to Sm.

Kallistaphis betulicola (Kaltenbach, 1843)

I found ♀♀ of this species in Sm. Växjö, Evedal 1.10.1972 on small plants (5—10 cm high) of *Betula verrucosa*. The yellow specimens sat one by one on the ventral side of the leaves. New to Sm.

Monaphis antennata (Kaltenbach, 1843)

Prof. F. Ossiannilsson found this species on *Betula verrucosa* in Upl. Vallentuna, Hållsta 22.7.1969 (al., juv.) and on *Picea abies* in Upl. Nysätra, Oxdjupet 15.10.1972 (♀). New to Sweden.

Myzocallis coryli (Goetze, 1778)

I found three juvenile specimens on the ventral side of the leaves of *Corylus avellana* in Sm. Torsås, St. Gettnabo 27.5.1970. New to Sm.

Allaphis thripsoides (Hille Ris Lambers, 1939)

One apterous specimen found on a bog in T. Lpm. Jupukka 28.7.1955 by H. Andersson. New to T. Lpm.

Pterocomma konoi Hori in Takahashi, 1939

I found this species on branches of *Salix caprea* in Sm. Växjö, Häljaryd 10.6.1972 (fundatrix., al., apt., juv.), 11.6.1972 (al., juv.), Sm. Växjö, S. Åreda 11.6.1972 (al., juv.). New to Sm.

Pterocomma populeum (Kaltenbach, 1843)

I found this species in dense colonies on branches of *Populus* sp. in the Botanical Garden in Sk. Lund 2.8.1972 (apt., juv.). New to Sk.

Hyalopterus pruni (Geoffroy, 1762)

A common species which has not been recorded from Sm. before. I have found it on the following hostplants in this province. *Prunus domestica, P. spinosa, P. insititia* and *Phragmites communis*.

Schizaphis arrhenatheri Pettersson, 1971

This species was described by Jan Pettersson in 1971 from material collected by Prof. Ossiannilsson in Dlsl. Öre. Also found in Vstm. Ljusnarsberg by Pettersson.

Aphis acetosae Linné, 1767

I found this species on *Rumex acetosa* in Sm. Torsås 28.7.1970 (al., apt., juv.), Sm. Bergkvara 18.6.1972 (al., apt., juv.), 20.6. 1972 (al., apt., juv.). New to Sm.

Aphis chloris Koch, 1854

I found this species on *Hypericum maculatum* in Sm. Bergkvara 22.7.1972 (apt., juv.) and in Sk. Lund 23.8.1972 (apt., juv.). Not recorded from this hostplant in Sweden. Heie (1969) has found it on this hostplant in Denmark.

Aphis craccivora Koch, 1854

I found this species on water-shoots of *Robinia pseudacacia* in Sk. Lund 30.7.1972 (apt.), 20.8.1972 (al., apt.). Specimens from this hostplant were described as *Aphis robiniae* by Macchiati in 1885 but this name is now regarded as a synonym of *Aphis craccivora* Koch. This species has not been found on this hostplant in Sweden before.

Aphis hederae Kaltenbach, 1843

I found this brown aphid on twigs of *Hedera helix* in Sm. Växjö, Kronoberg 14.7. 1972 (al., apt., juv.). The specimens were sitting in dense colonies. New to Sm.

Aphis hieracii Schrank, 1801

L. Karlsson found this species on *Hieracium umbellatum* in Sm. Hultsfred 1.7.1972. I have found it on the same hostplant in Sm. Bergkvara 12.8.1970 (apt., juv.). New to Sm.

Aphis lambersi (Börner, 1940)

This species lives on the roots or the lower parts of the stems of *Daucus carota.* I found it in mixed colonies with *Dysaphis crataegi* Klt. on this hostplant in Sk. Lund 13.8.1972 (apt.). A slide in Wahlgren's collection labelled *Yezabura crataegi* Klt., Sk. Kävlinge 30.5.57, *Daucus carota,* leg. H. Andersson, contained one apterous specimen of this species. It is found in Denmark (Heie, 1969) but new to Sweden.

Aphis pomi De Geer, 1773

A colony of a green *Aphis* was collected on *Prunus spinosa* in Sm. Torsås, St. Gettnabo 8.8.1970 (apt., juv.). The specimens can not be separated from specimens of *Aphis pomi* from *Malus* and I believe this sample belongs to this species though I havn't seen any record of it from this hostplant in the literature.

Aphis urticata Fabricius, 1781

I found this species on *Urtica dioeca* in Sm. Bergkvara 20.6.1972 (apt., juv.). New to Sm.

Aphis vandergooti (Börner, 1933)

I found dense colonies of this species on roots of *Achillea millefolium* in Sm. Bergkvara 22.7.1972 (apt.) and in Sm. Växjö, Evedal 1.10.1972 (♂♂., ♀♀., juv.). New to Sm.

Dysaphis crataegi (Kaltenbach, 1843)

I found apterae of this species together with *Aphis lambersi* Börner on roots of *Daucus carota* in Sk. Lund 13.8.1972. Previously recorded from this province by Ossiannilsson (1969) but not from this hostplant.

Dysaphis hirsutissima (Börner, 1940)

I found this species on the lower parts of the stem of *Anthriscus silvestris* in Sk. Lund 23.8.1972 (apt., juv.). The specimens sat in dense colonies and had a grey colour. New to Sk.

Anuraphis farfarae (Koch, 1854)

This species was found on the lower side of the leaves of *Tussilago farfara* in Sm. Växjö, Evedal 30.9.1972 (al., ♂♂.) together with *Uroleucon tussilaginis* (Walker) and *Capitophorus similis* v. d. Goot on the same plant. New to Sm.

Anuraphis subterranea (Walker, 1852)

Dense colonies of this species was found on roots of *Pastinaca sativa* in Sk. Lund

23.8.1972 (apt., juv.). The colour of the adult specimens were grey-brown while the juvenile specimens had an orange colour. Not recorded from this hostplant in Sweden before.

Brachycaudus helichrysi (Kaltenbach, 1843)

I found this species on *Prunus domestica* in Sm. Bergkvara 24.6.1972 (apt., juv.), on *Helianthus annuus* in Sm. Bergkvara 20.7. 1972 (apt., juv.), 22.7.1972 (al.), on *Aster* sp. and *Chrysanthemum* sp. indoors in Sm. Växjö 30.9.1972 (al., ♂♂.) and on *Achillea millefolium* in Sm. Växjö 30.9.1972 (al., apt.). New to Sm.

Brachycaudus lychnidis (Linné, 1758)

A few apterae and juveniles were found on *Melandrium album* in Sm. Bergkvara 24.6. 1972. New to Sm.

Brevicoryne brassicae (Linné, 1758)

This common species has not been recorded from Sm. before. I found it on *Brassica* sp. in Sm. Bergkvara 9.9.1972 (al., apt., juv.).

Staegeriella necopinata (Börner, 1939)

I found this species on *Galium verum* in Sm. Växjö, Evedal 30.9.1972 (apt., ♀♀., juv.). One alate specimen found in Hall. Eldsberga 27.7.1952, leg. Ardö/Persson are not mentioned in Ossiannilsson, 1969. New to Hall. and Sm.

Coloradoa absinthii (Lichtenstein, 1885)

One alate specimen was found in a sample of *Macrosiphoniella absinthii* L. taken on *Artemisia absinthium* in Sm. Torsås 28.7. 1970. New to Sm.

Coloradoa achilleae Hille Ris Lambers, 1939

I found this species on *Achillea millefolium* in Sm. Bergkvara 22.7.1972 (apt.). The specimens were taken on the basal part of the plant together with *Aphis vandergooti* Börn. New to Sm.

Coloradoa inodorella Ossiannilsson, 1959

Found in Sm. Bergkvara 10.9.1972 (apt., ♀♀., juv.), Sm. Växjö, Evedal 30.9.1972 (♂., ♀♀.,juv.) on the lower side of the leaves of *Tripleurospermum inodorum*. The aphids were green and were mostly found one by one. New to Sm.

Cavariella aegopodii (Scopuli, 1763)

Sm. Bergkvara 10.7.1972 (al.) on *Pastinaca sativa* together with *Cavariella theobaldi* (G&Br). New to Sm.

Cavariella theobaldi (Gillette & Bragg, 1918)

Very common on *Salix caprea* in mixed colonies with *Aphis farinosa* Gmel. I have found it on this hostplant in Sm. Bergkvara 25.7.1970 (al., apt.), 5.7.1972 (apt.), Sm. Växjö, S. Åreda 11.6.1972 (al.), 27.6.1972 (al., apt., juv.), 1.7.1972 (al., apt., juv.). I have also found it on *Heracleum mantegazzianum* in Sm. Bergkvara 15.6.1972 (al.), 3.7.1972 (al., apt.), on *Pastinaca sativa* in Sm. Bergkvara 10.7.1972 (apt.), on *Salix pentandra* in Sm. Bergkvara, Påboda 19.7. 1972 (al., apt., juv.). Not recorded from *Heracleum mantegazzianum* and *Salix pentandra* in Sweden before and new to Sm.

Phorodon humuli (Schrank, 1801)

I found one juvenile specimen of this species on *Prunus spinosa* in Sm. Bergkvara 2.7.1970. New to Sm.

Galiobium langei (Börner, 1933)

I found this species among the flowers of *Galium verum* in Sm. Bergkvara 17.7.1970 (apt.). New to Sm.

Capitophorus elaeagni (Del Guercio, 1894)

I found this species on *Cirsium arvense* in Sm. Bergkvara 9.9.1972 (apt.), Sm. Växjö, Evedal 1.10.1972 (apt.) and on *C. vulgare* in Sm. Bergkvara 9.9.1972 (apt.). The aphids were sitting on the ventral side of the leaves. New to Sm.

Capitophorus similis v. d. Goot, 1915

I found this species on the ventral side of the leaves of *Tussilago farfara* in Sm. Bergkvara 9.9.1972 (al., apt., juv.), Sm. Växjö, Evedal 30.9.1972 (apt., ♂♂., juv.). New to Sm.

Aulacorthum solani ssp. *langei* Börner, 1939

One apterous specimen (fundatrix?) was found on *Pulmonaria officinalis* in the Botanical Garden in Sk. Lund 3.5.1972. According to the description of Börner (1939) it belongs to the subgenus *Dysaulacorthum* which is characterised by the absence of secondary rhinaria on antennal segment III. New to Sweden.

Acyrthosiphon scariolae Nevsky, 1929

This species was found on *Lactuca serriola* in Sk. Lund 6.9.1972 (al., apt.), 19.9.1972 (apt.). It is easy to separate from other species of this genus by the ultimate rostral segment which have about 20 long, fine hairs of approximately the same length. The long hairs on the first tarsal joints are also typical for this species. In Europe it is also found on *Lactuca sativa* and *L. virosa* but *L. serriola* seems to be the usual hostplant for this species. New to Sweden.

Microsiphum woronieckae Judenko, 1931

I found this species on the basal part of the stem of *Artemisia vulgaris* in Sm. Bergkvara 15.7.1972 (al., apt., juv.). It is readily distinguished from *M. wahlgreni* H. R. L. and *M. millefolii* Wahlgr. by the lower number of secondary rhinaria (6—10) on antennal segment III (15—34 in *M. wahlgreni* and 11—19 in *M. millefolii*) and by a number of long fine hairs on the same segment. New to Sweden.

Metopeurum fuscoviride Stroyan, 1950

This common species on *Chrysanthemum vulgare* also infested *Tripleurospermum inodorum* in Sm. Bergkvara 15.7.1972 (apt.). The apterae from the latter hostplant were much smaller than those found on the normal hostplant.

Uroleucon hypochoeridis Hille Ris Lambers, 1939

I found this species on *Leontodon autumnalis* in Sm. Bergkvara 31.7.1970 (al., juv.). Not recorded from this hostplant in Sweden before. New to Sm.

Uroleucon jaceae ssp. *henrichi* Börner, 1950

Found on *Centaurea scabiosa* in Sm. Torsås 28.7.1970 (al., apt., juv.), Sm. Bergkvara 31.7.1970 (al., apt.). The aphids were almost black and sat in dense colonies on the stem below the flowers. New to Sm.

Uroleucon scorzonerae Danielsson, 1973

This species was found on *Scorzonera humilis* in Ög. Rystad, Fröstad 20.6.1969 and 2.7.1971 by Prof. F. Ossiannilsson. Only known from the type locality so far. The specimens were found on the ventral side of the leaves which were almost faded and had a yellow colour. The aphids were attended by ants (*Lasius niger*).

Macrosiphoniella abrotani (Walker, 1852)

Found on *Tripleurospermum inodorum* in Sm. Växjö, Araby 1.10.1972 (apt.). New to Sm.

Macrosiphoniella absinthii (Linné, 1758)

Found on *Artemisia absinthium* in Sm. Torsås 28.7.1970 (al., apt., juv.), 17.7.1972 (al., apt., juv.). New to Sm.

Macrosiphoniella tanacetaria (Kaltenbach, 1843)

I found this species on *Chrysanthemum vulgare* in Sm. Växjö, Evedal 14.6.1972 (apt., juv.), on *Tripleurospermum inodorum* in Sm. Växjö, Araby 1.10.1972 (apt., ♀♀.), Sm. Växjö, Evedal 1.10.1972 (apt., ♂♂., ♀♀.,

juv.), on *Artemisia vulgaris* in Sm. Växjö, Evedal 1.10.1972 (apt., ♂♂., ♀♀.). Not recorded from the latter hostplant in Sweden before. New to Sm.

Macrosiphoniella usquertensis Hille Ris Lambers, 1935

Found on *Achillea millefolium* in Sm. Bergkvara 9.9.1972 (apt.), Sm. Växjö, Evedal 30.9.1972 (♀.). New to Sm.

Anoecia corni (Fabricius, 1775)

Sexuparae of this species were very common on different *Cornus* spp. in the Botanical Garden in Sk. Lund during September 1972. Sexuales were found on *Cornus alba* 27.9. 1972. I have also found this species on roots of *Poa* sp. in Sm. Bergkvara 10.9.1972 (apt., juv.) and one alate specimen (sexupara) on *Pinus silvestris* in Sm. Växjö, Evedal 30.9. 1972. New to Sm.

Anoecia nemoralis Börner, 1950

I found two apterae of this species under stones in Sm. Bergkvara 23.4.1973 together with different species of the family *Pemphigidae*. New to Sm.

Glyphina betulae (Linné, 1758)

I have found this species on four different *Betula* spp. in Sk. Lund viz., *B. tortuosa* 15.5.1972 (juv.), *B. parpyrifera* 30.5.1972 (apt.), *B. raddeana* 30.5.1972 (apt.) and *B. verrucosa* 30.5.1972 (apt.).

Thelaxes dryophila (Schrank, 1801)

A common species on *Quercus robur* where I found it in Sm. Bergkvara 2.7.1970 (apt., juv.), 19.6.1972 (apt.), 11.7.1972 (al.), 17.7. 1972 (apt.), Sm. Växjö, S. Åreda 11.6.1972 (apt., juv.). New to Sm.

Cerataphis orchidearum (Westwood, 1879)

This species was taken on *Cymbidium grandiflorum* by Dr. Bo Tjeder in Sk. Lund 4.8.1972. The sample, which was kindly given to me, contained apterae and juvenile specimens. A *Cerataphis* sp. was earlier reported as belonging to the Swedish fauna (Ossiannilsson, 1969 b) and originally determined as *Cerataphis lataniae* (Boisd.), but since no hostplant data are known for this record and no specimens preserved, it is impossible to say which species it belongs to. *C. lataniae* (Boisd.) and *C. variabilis* H. R. L. are both found on palms while *C. orchidearum* (Westw.) is restricted to orchids. New to Sweden.

Pachypappa populi (Linné, 1758)

D. Hille Ris Lambers permits me to quote from his letter: "After having seen living colonies of all, except *Gootiella tremulae* Tullgren, of the species Tullgren in 1909 and 1925 described from *Populus tremula,* I conclude that only *Pachypappa grandis* Tullgren, 1925, exactly fits the description of *Aphis populi* L., 1758. *Pachypappella lactea* Tullgren, 1925 is not *Aphis populi* as Börner in 1952 wrote." I have found this species on *Populus tremula* in Sm. Torsås, St. Gettnabo 12.7.1972 (fundatrices, al., juv.), Vstm. Köping, Bernshammar 24.7.1973 (al., juv.), Dlr. Hedemora 25.7.1973 (juv.). Hugo Andersson found it in Hall. Enslöv, Årnilt 17.7.1973. New to Sm., Hall., Dlr. and Vstm.

Pachypappella lactea (Tullgren, 1909)

This species is listed under the name *Pachypappella populi* (L.) in Ossiannilsson, 1969, but as discussed above, the name *Aphis populi* L. applies to another species and this aphid should be known as *Pachypappella lactea* (Tullgr.). I have found it in many localities in Sm. on *Populus tremula* and on the same hostplant in Vstm. Köping, Bernshammar 24.7.1973 (only the gall), Vrm. Värmlandsnäs, Gaperhult 28.7.1973 (only the gall). New to Vstm. and Vrm.

Pemphigus filaginis (Boyer de Fonscolombe, 1841)

I found this species on *Gnaphalium uliginosum* in Sm. Bergkvara 10.9.1972 (apt., al., juv.). New to Sm.

Smynthurodes betae Westwood, 1849

This species has not been found in Sweden since Tullgren reported it from Sk. in 1925. I found it in the nest of an ant in Sm. Växjö, Häljaryd 7.4.1973 (juv.). New to Sm.

Forda formicaria Heyden, 1837

I have found this species in many localities in Sm. from 24.3. to 20.5. under stones on grassroots or in the nest of ants. Hugo Andersson found it in Öl. Vickleby 6.5.1965. New to Sm. and Öl.

Forda marginata Koch, 1856

I have found this species on roots of *Elytrigia repens* in Sm. Bergkvara 5.7.1972 (apt., juv.) and on unidentified grassroots in Sm. Bergkvara 23.4.1973 (apt., juv.). New to Sm.

Baizongia pistaciae (Linné, 1767)

This species seems to be rather common in the nests of different ant species. I found it in Sm. Växjö 7.4.1973 (apt., juv.), Sm. Gamleby, Tyllinge 22.4.1973 (apt.), Sm. Bergkvara 23.4.1973 (apt., juv.). New to Sm.

Geoica setulosa (Passerini, 1860)

Not found in Sweden since Tullgren reported it in 1925 from Ög. and Stockholm. I found it in Sk. Kullaberg 24.3.1973 (apt., juv.), Sm. Bergkvara 23.4.1973 (apt., juv.). New to Sk. and Sm.

Geoica utricularia (Passerini, 1856)

Only known in one apterous specimen in Sweden found in Sk. Degeberga 15.4.1949 by K.-J. Hedqvist. I have found it in the following localities: Sk. Kullaberg 24.3.1973 (apt., juv.), Sm. Växjö, Häljaryd 7.4.1973 (apt., juv.), Sm. Bergkvara 23.4.1973 (apt., juv.). New to Sm.

Acknowledgements

I want to thank all the persons who have supplied me with material and to Prof. Frej Ossiannilsson for valuable advice in the identification work and for comments on the manuscript. I am also greatly indebted to Dr. D. Hille Ris Lambers, Bennekom, Holland for calling my attention to the actual synonymy among the *Pachypappa* spp. For financial support I want to thank The Committee for Zoological Taxonomy, Swedish Natural Science Research Council and Kungl. Fysiografiska Sällskapet i Lund.

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