

A survey of Opiinae (Hymenoptera, Braconidae) of Finland, part 2

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Faunistic records of 150 species of Opiinae are given mainly for Finland. 78 species are reported as new to Finland. The gross distributions and known hosts are mentioned. *Psytalia carinata* (Thomson), *Biosteres (Chilotrichia) bicolor* (Wesmael) and *B. (C.) sylvaticus* (Haliday) are deleted from the fauna of Finland. *Paraphytomyza similis* (Brischke) is a new host for *Opius (Odontopoea) connivens* Thomson, and *Euphranta connexa* (Fabricius) (Diptera, Tphritidae) for *Psytalia concolor* (Szépligeti).

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Subgenus *Odontopoea* Fischer

Odontopoea Fischer, 1986: 610. Type species *Opius epulatus* Papp.

Opius (Odontopoea) connivens Thomson

Opius (Nosopaeus) connivens Thomson, 1895: 2190, ♀.

Opius connivens; Fischer 1959g: 70; 1971a: 56.

Opius (Nosopoea) connivens; Fischer 1972: 292 (key), 306 (redescription); Papp 1979: 75.

Opius (Allotypus) connivens; Tobias 1986: 70.

Opius (Odontopoea) connivens; Fischer 1986: 610.

Opius foveola Fischer, 1957b: 214. Synonymised by Fischer 1971a.

Distribution. Denmark, Estonia, Finland (map 71), Hungary, Russia, Sweden.

A new species to Estonia and Finland.

Host. in Finland reared from Diptera, Agromyzidae: *Paraphytomyza similis* (Brischke) by E. Thuneberg (new host).

Material examined. 1♂ and 2♀ from Finland (DAZH, MZH), N: Vantaa, 22.9.1979 (M. Koponen); Sa: Joutseno (E. Thuneberg); Obb: Ranua, 19.7.1980 (M. Koponen leg.), and 1♀ from Estonia, Läänemaa: Puhtu, 29.5.1990 (M. Koponen leg.).

Opius (Odontopoea) epulatus Papp

Opius epulatus Papp, 1980a: 50, 53, 55; 1981b: 261, ♀.

Opius (Odontopoea) epulatus; Fischer 1986: 610 (key), 626 (redescription).

Distribution. Finland (map 72), Hungary.

A new species to Finland.

Host. Unknown.

Material examined. 1♂ from Finland (DAZH), N: Helsinki, Viikki, 27.6.1982 (Y. Zhongqi leg.).

***Opius (Odontopoea) paranivens* Fischer**

Opius (Odontopoea) paranivens Fischer, 1990: 223, ♀.

Distribution. the Canary Islands (Tenerife), Finland (map 73), Hungary.

A new species to the Canary Islands and Finland.

Host. Unknown.

Material examined. 2 ♀ from Finland (DAZH), N: Helsinki, 11.7.1978, Nurmijärvi, 15.9.1984 (M. Koponen); and 1 ♂, 4 ♀ from the Canary Islands (DAZH), Tenerife: Sta Ursula, La Quinta, 8.-11.12.1993 (M. Koponen leg.).

Subgenus *Stomosema* Fischer

Stomosema Fischer, 1972: 330. Type species: *Opius mutus* Fischer.

***Opius (Stomosema) gyoerfii* Fischer**

Opius gyoerfii Fischer 1958b: 190, ♀; Hellén 1959: 22.

Opius gyoerfii; Fischer 1971a: 71.

Opius (Stomosema) gyoerfii; Fischer 1972: 330 (redescription); Tobias 1986: 70.

Distribution. Finland (map 74), Hungary.

Host. Unknown.

Material examined. 2 ♀ from Finland (MZH), N: Degerö (A. Saarinen), Ekenäs, Notholm (Håkan Lindberg).

***Opius (Stomosema) mutus* Fischer**

Opius mutus Fischer, 1964b: 142; Hellén 1966: 85; Fischer 1967a: 340; 1971a: 90.

Opius (Stomosema) mutus; Fischer 1972: 330 (key), 332 (redescription); Tobias 1986: 70; Koponen 1989: 29.

Distribution. Austria, Denmark, Finland (map 75), Germany, Russia (Leningrad region, Hellén 1966).

Hosts. Diptera, Agromyzidae: *Agromyza hendeli* Griffiths on *Phragmites australis*, Anthomyiidae: *Delia quadripila* (Stein) on *Honckenya peploides*.

Material examined. 1 ♂, 3 ♀ from Finland (DAZH, MZH), N: Hanko, 20.8.1978, 17.6.1980 (M. Koponen), Helsinge = Helsinki rural municipality (W. Hellén leg., paratype); St: Säskylä, 13.6.1982 (M. Koponen); and 1 ♀ from Russia (MZH, paratype), Leningrad region: Terijoki (W. Hellén leg.).

Subgenus *Tolbia* Cameron

Tolbia Cameron, 1907: 85. Type species: *Tolbia scaevolae* Cameron.

***Opius (Tolbia) caesus* Haliday**

Opius caesus Haliday, 1837: 215, ♂; Marshall 1891: 45, ♀ ♂; Fischer 1958b: 192; Hellén 1959: 21; Fischer 1967b: 140; 1971a: 49.

Opius (Tolbia) caesus; Fischer 1972: 347 (redescription); Papp 1982: 243; Tobias 1986: 73 (key, distribution).

Opius (Allotypus) punctiventris Thomson, 1895: 2189, ♀ ♂. Synonymised by Fischer 1971a: 347.

Opius subtilis Szépliget, 1898: 400. Synonymised by Fischer 1958b: 200 with *punctiventris*.

Opius hydrelliae Rimsky-Korsakow, 1925: 69. Synonymised by Fischer 1971a: 347.

Opius hydrelliae Muesebeck, 1933: 197, ♀. Pre-occupied.

Opius aquaticus Muesebeck 1967: 48 (new name for *hydrelliae* Muesebeck). Synonymised by Fischer 1987: 31.

Opius hydrellianus Fischer, 1971a: 74 (new name for *hydrelliae* Muesebeck).

Distribution. Austria, Bulgaria, former Czechoslovakia, Denmark, England, Finland (map 76), France, Germany, Hungary, Ireland, Romania, Russia, Sweden, Caucasus, Nepal, Syria, Tadzhikistan, North America.

Hosts. Diptera, Agromyzidae: *Phytomyza primulae* Robineau-Desvoidy; Ephyrididae: *Hydrellia cochleariae* Haliday, *Hydrellia griseola* Fallén on *Holcus mollis*; Drosophilidae: *Scaptomyza graminum* Fallén.

Material examined. 1 ♀ from Finland (MZH), St: Reposaari, 30.9.1950 (V. Lauro leg.).

***Opius (Tolbia) rudiformis* Fischer**

Opius rudiformis Fischer, 1958b: 201, ♀; 1964a: 200, 395 (♂ nov.); 1971a: 106.

Opius (Tolbia) rudiformis; Fischer 1972: 347 (key), 349 (redescription); Tobias 1986: 73.

Opius (Gastrosema) rudiformis; Papp 1981b: 269.

Opius rotundiformis; Hellén 1959: 22 (misspelling).

Distribution. Austria, the Canary Islands, former Czechoslovakia, Denmark, England, Finland (map 77), France, Italy, Russia, eastern Canada.

A new species to the Canary Islands.

Host. Unknown.

Material examined. 3 ♀ from Finland (DAZH, MZH), Al: Lemland, 12.24.8.1954 (Håkan Lindberg); Kb: Pielis, 29.7.-23.8.1865 (Grönvik); Lkoc: Kolari, 9.7.1989 (M. Koponen leg.); and 1 ♂ from the Canary Islands (MZH), Lanzarote: Penhas del Chacha, 13.-22.3.1963 (Lindberg leg.).

Subgenus *Gastrosema* Fischer

Gastrosema Fischer, 1972: 353. Type species: *Opius pumilio* Wesmael.

Opius (Gastrosema) docilis Haliday

Opius docilis Haliday, 1837: 211, G; Hellén 1946: 133; Fischer 1958b: 197; 1971a: 62.

Opius (Therobolus) docilis; Thomson 1895: 2183, ♀ ♂.

Opius (Gastrosema) docilis; Fischer 1972: 353 (key), 355 (redescription); Papp 1979: 77.

Opius (Tolbia) docilis; Tobias 1986: 76 (key, distribution).

Distribution. Austria, England, Finland (map 78), France, Germany, Hungary, Poland, Russia, Sweden, Switzerland; Georgia, Kirgiziya, Russian Far East.

Host. Diptera, Agromyzidae: *Agromyza phragmitidis* Hendel on *Phragmites australis*.

Material examined. 3 ♂, 4 ♀ from Finland (DAZH, MZH), Ab: Nystad = Uusikaupunki, 1923 (W. Hellén), Vihti, Siikajärvi, 18.7.1964 (V. J. Karvonen); N: Helsinge, 6.8.-21.9.1915 (W. Hellén), Helsinki (R. Frey), 24.7.1979 (M. Koponen); Sa: Mikkelin mlk., 24.8.1975 (M. Koponen); Kb: Joensuu, 28.8.1924 (E. Thuneberg leg.).

Subgenus *Lissosema* Fischer

Lissosema Fischer, 1972: 359. Type species: *Opius parvungula* Thomson.

Opius (Lissosema) parvungula Thomson

Opius (Therobolus) parvungula Thomson, 1895: 2183, ♀ ♂.

Opius parvungula; Fischer 1971a: 96; Zaykov 1983: 36.

Opius (Lissosema) parvungula; Fischer 1972: 359 (key), 361 (redescription); Papp 1980b: 205.

Opius (Tolbia) parvungulus; Tobias 1986: 76.

Opius docilis Fischer 1958b: 157 (partim) nec Haliday, 1837. Synonymised by Fischer 1971a: 361.

Distribution. Austria, former Czechoslovakia, Denmark, England, Estonia, Finland (map 79), France, Germany, Hungary, Ireland, Poland, Sweden; North Korea, Russian Far East (Vorosilov).

A new species to Estonia and Finland.

Hosts. Diptera, Agromyzidae: *Agromyza albipennis* Meigen on *Phalaris arundinacea*, *Agromyza graminicola* Hendel on *Phragmites australis*, *Agromyza lucida* Hendel on *Deschampsia caespitosa*, *Agromyza nigrella* Rondani on *Triticum* sp., *Agromyza ambigua* Fallén = *niveipennis* Zetterstedt on *Secale cereale*, *Agromyza reptans* Fallén on *Urtica dioica*, *Cerodontha (Cerodontha) denticornis* (Panzer) on *Holcus lanatus*.

Material examined. 5 ♂, 5 ♀ from Finland (DAZH, MZH), Ab: Pojo, Åminne, 14.7.1965 (M. Meinander), Vihti, Siikajärvi, 9.8.1964 (V. J. Karvonen); N: Helsinki, 11.7.1978, 13.9.1979, Nurmijärvi, 6.9.1986, Vantaa, 24.8.1979 (M. Koponen); St: Reposaaari, 24.8.1954 (V. Lauro); Sa: Mikkelin mlk., 16.8.1976, 11.8.1987, Pertunmaa, 22.6.1983 (M. Koponen); and 1 ♂ from Estonia (DAZH), Saaremaa: Kaali, 30.5.1990 (M. Koponen leg.).

Subgenus *Opius* Wesmael, s. str.

Opius Wesmael, 1835: 115. Type species: *Opius pallipes* Wesmael.

Desmatophorus Thomson, 1895: 2194. Type species: *Bracon pygmaeator* Nees.

Opius (Opius) agromyzicola Fischer

Opius agromyzicola Fischer, 1967a: 320, EG; 1971a: 40; 1974: 82.

Opius (Opius) agromyzicola; Fischer 1972: 366 (key), 367 (redescription); Tobias 1986: 78.

Distribution. Austria, England, Finland (map 80), Sweden.

A new species to Finland and Sweden.

Host. Diptera, Agromyzidae: *Agromyza potentillae* (Kaltenbach) = *spiraeae* Kaltenbach on *Filipendula vulgaris*.

Material examined. 1 ♂, 1 ♀ from Finland (DAZH), N:

Nurmijärvi, 7.8.1980 (M. Koponen); Ks: Kuusamo (7353:609), 3.7.1979 (M. Koponen); and 1♂ from Sweden (DAZH), Nb: Övertorneå, 27.6.1979 (M. Koponen leg.).

Opius (Opius) breviscapus Thomson

Opius (Desmatophorus) breviscapus Thomson, 1895: 2197, ♀♂.

Opius breviscapus; Fischer 1966: 9; 1967b: 139; 1971a: 48; 1974: 82..

Opius (Opius) breviscapus; Fischer 1972: 366 (key), 368 (redescription); Papp 1979: 73; Tobias 1986: 80.

Distribution. Austria, Finland (map 81), Estonia, Hungary, Ireland, Russia, Sweden, Mongolia.

A new species to Estonia and Finland.

Hosts. Diptera, Agromyzidae: ? *Phytomyza affinis* Fallén on *Euphrasia* sp.

Material examined. 3♂, 20♀ from Finland (DAZH, MZH), Al: Brändö, 11.7.1921, Jomala, Kungsö, 9.6.1939 (M. Hellén), Saltvik, 3.7.1984 (M. Koponen); Ab: Gustavs = Kustavi, 1921 (W. Hellén), Pargas (Ingelius), Pojo, Äminne, 14.7.1965 (M. Meinander); N: Nurmijärvi, 28.7.1994, Tammissaari, 14.8.1986 (M. Koponen); St: Rauma, 1.-4.7.1986 (M. Koponen); Sa: Mikkelin mlk., 24.8.1975 (M. Koponen); Kl: Parikkala, 15.7.1940 (W. Hellén); Ok: Kajaani, 16.8.1982 (M. Koponen); Oba: Vaala, 14.8.1982 (M. Koponen); Lkoc: Kittilä 17.8.1983, 8.7.1989 (M. Koponen), and 1E from Estonia (DAZH), Pärnumaa: Massiaru, 4.6.1990 (M. Koponen leg.).

Opius (Opius) caricivora Fischer

Opius caricivora Fischer, 1964d: 1, ♀♂; 1967b: 140; 1971a: 51.

Opius (Opius) caricivora; Fischer 1972: 366 (key), 370 (redescription); Papp 1981c: 139; Zaykov & Fischer 1983: 46; Tobias 1986: 80 (key, distribution).

Distribution. Finland (map 82), Germany, Greece, Poland, Russia, Ukraine, North Korea.

A new species to Finland and Greece.

Hosts. Diptera, Agromyzidae: *Agromyza nigrescens* Hendel, *Cerodontha (Butomyza) angulata* (Loew), *Cerodontha (Dizygomyza) caricicola* (Hering) and *Cerodontha (Butomyza) eucaris* Nowakowski on *Carex hirta*, *Dizygomyza (Butomyza) caricivora* (Groschke), *Napomyza salviae* Hering on *Salvia verticillata*, *Phytomyza lappae* Goureau on *Arctium* sp., *Phytomyza* sp. on *Caltha palustris*, Drosophilidae: *Scaptomyza apicalis* Hardy on *Amaranthus blitum*.

Material examined. 4♂, 3♀ from Finland (DAZH), N: Nurmijärvi, 30.5.1983, 25.5.1988, 5.8.1994, Sipoo, 3.8.1982; Kb: Liperi, 2.-3.7.1994; Om: Vimpeli, 8.7.1985 (all M. Koponen); and 1♂ from Greece (DAZH), Corfu: Benitses, 27.5.1981 (M. Koponen leg.).

Opius (Opius) circinus Papp

Opius circinus Papp, 1979b: 347, ♀♂; 1980a: 104; 1981a: 128.

Opius (Opius) circinus; Tobias 1986: 80; Fischer 1986: 620 (redescription).

Distribution. Finland (map 83), Hungary.

A new species to Finland.

Host. Unknown.

Material examined. 1♀ from Finland (DAZH), N: Nurmijärvi, 7.8.1980 (M. Koponen leg.).

Opius (Opius) exilis Haliday

Opius exilis Haliday, 1837: 208, ♀; Fischer 1960: 59, ♀♂ (redescription, figures); 1971a: 64.

Opius (Pendopius) exilis; Fischer 1972: 410; Papp 1979: 78; 1981c: 148.

Opius (Phaedrotoma) exilis; Tobias 1986: 85.

Opius (Opius) exilis; Fischer 1992: 48.

Opius (Desmatophorus) piceus Thomson, 1895: 2198, ♀. Synonymised by Fischer 1991b: 48.

Opius piceus; Marshall 1898: 313, ♀; Hellén 1959: 22; Fischer 1960: 51 (figs.); 1971a: 99.

Opius (Opius) piceus; Fischer 1972: 366 (key), 381 (redescription); Papp 1979b: 347; 1981c: 141; Fischer 1984a: 130; 1986: 656; Tobias 1986: 78 (key, distribution).

Opius (Pseudopius) extusus Papp, 1981c: 140, 148. Synonymised with *piceus* by Fischer 1984a: 130.

Opius (Pendopius) cisromensis Papp, 1982b: 111. Synonymised with *piceus* by Fischer 1986: 656.

Distribution. North, west and central Europe, including Finland (map 84), Italy, Balkans, Russia, Georgia, Kazakhstan, North Korea, eastern Canada, northwestern U.S.A.

Hosts. Diptera, Agromyzidae: *Liriomyza pusio* (Meigen) on *Tragopogon pratensis*, *Ophiomyia maura* (Meigen) on *Lathyrus torreyi*; Drosophilidae: *Scaptomyza graminum* Fallén on *Anthyllis vulneraria*.

Material examined. 29♂, 42♀ from Finland (DAZH, MZH), Ab: Karjalohja, 19.6.1992 (M. Koponen), Pargas (Ingelius), Nystad = Uusikaupunki, 5.8.-17.9.1914 (W. Hellén), Vichtis = Vihti (R. Frey); N: Hanko, 17.6.1980, Helsinki,

28.6., 9.-24.8.1976, 26.6.1980, 15.9.1983, Kirkkonummi, 24.7.1991, Nurmijärvi, 20.7.1975, 1.8.1976, 14.7., 2.9.1979, 7.-24.8.1980, 17.7.1981, 28.7., 25.8., 14.9.1987, 16.6.1991, 17.7., 5.8.1994, Porvoon mlk., 16.6.1979, Vantaa, 3.8.1975, 24.8.1979 (M. Koponen); Ka: Ylämaa, 13.8.1987 (M. Koponen); Ta: Janakkala, 24.8.1980 (M. Koponen), Juupajoki, 15.6.1982 (Y. Zhongqi), Jämsä, 26.8.1991, Lahti, 15.8.1980 (M. Koponen); Sa: Anttola, 15.8.1976, Joutsa, 22.9.1978, Mikkelin mlk., 2.9.1974, 22.8.1975, 24.7.1976, 26.8.1978, 22.6.1979, 21.6., 29.7.1980, 23.6.1983, 10.8.1987, 23.7., 4.9.1989, 27.6.1992, Ristiina, 23.6., 28.7.1979, 22.6., 31.7.1980, 23.7.1985, 19.7.1987 (M. Koponen); Oa: Närpes, 31.7.1950 (G. Nordström), Ylihärkä, 13.7.1980; Om: Himanka, 22.7.1980; Ok: Kuhmo, 8.7.1980; Obb: Tornio, 6.7.1982 (M. Koponen); Ks: Kuusamo, 19.8.1965 (M. Meinander), 4.7.1979 (M. Koponen); Lkoc: Kittilä, 8.7.1989 (M. Koponen leg.); 1 ♂ from Estonia (DAZH), Läänemaa: Puhtu, 29.5.1990 (M. Koponen); 1 ♀ from Georgia (MZH), pr Fl. Hrami, 22.4.1958 (Lindberg); 1 ♂ 1 ♀ from Russia (MZH), Karelia: Gumbartiza (S. Platonoff); 1 ♂ from Sweden (DAZH), Vb: Brännland, 14.7.1980 (M. Koponen leg.); 1 ♂ from Germany (DAZH), Mecklenburg, 2.9.1895 (Fr. W. Konow); 1 ♂ from Poland (DAZH), Pomorze: Pietrzykowo, 13.7.1988 (M. Koponen); and 1 ♂ from Greece (DAZH), Corfu: Perama, 29.5.1978 (M. Koponen leg.).

Opius (Opius) gigapiceus Fischer

Opius (Opius) gigapiceus Fischer, 1990: 211, ♀ ♂.

Distribution. Czechia, Finland (map 85), Hungary.

A new species to Finland.

Host. Unknown.

Material examined. 1 ♀ from Finland (DAZH), Kb: Kesälähti, 17.7.1982 (M. Koponen leg.).

Opius (Opius) lugens Haliday

Opius lugens Haliday, 1837: 206, ♀; Hellén 1959: 22; Fischer 1960: 36 (figs.); 1971a: 83.

Opius (Opius) lugens; Fischer 1972: 366 (key), 373 (redescription); Tobias 1986: 78, 92; Papp 1988: 58 (distribution).

Opius (Desmatophorus) abscissus Thomson, 1895: 2196, ♀ ♂. Synonymised by Fischer 1971a: 373.

Opius abscissus; Fischer 1960: 41 (redescription).

Opius obscurus Szépligeti, 1901: 152, ♂; Fischer 1960: 47 (redescription, ♀). Synonymised by Fischer 1971a: 373.

Opius adveniens Fischer 1960: 43, ♂. Synonymised by Fischer 1971a: 373.

Distribution. Austria, Denmark, England, Estonia, Finland (map 86), Germany, Ireland, Rus-

sia, Spain, Sweden, Switzerland, Israel, Mongolia.

Hosts. Diptera, Agromyzidae: *Liriomyza congesta* (Becker) on *Vicia faba*, *Liriomyza pusilla* Meigen on *Hieracium pilosella*, *Ophiomyia* sp. on *Medicago sativa*, *Phytomyza atricornis* Meigen on *Taraxacum officinale*. Weber; Cecidomyiidae: *Asphondylia verbasci* Vallot.

Material examined. 94 ♂ 27 ♀ from Finland (DAZH, MZH), Al: Vårdö, 8.7.1984 (M. Koponen); Ab: Lohjan kunta, 29.5.1992, Vihti, 30.5.1979 (M. Koponen); N: Espoo, 29.5.1986 (M. Koponen), Hangö = Hanko, 1931 (W. Hellén), 20.8.1978, 19.5.1984 (M. Koponen), Helsinki, 22.5., 7.9.1976, 6.6.1979, 15.-30.5.1983, 15.5.-7.6.1984, 4.8., 25.8., 14.9.1987, 2.-16.6. 1991, 14.-31.5.1992, 5.8.1994, Sipoo, 3.6.1982, 15.6.1983, Tammisaari, 20.5.1984, Vantaa, 10.8.1980 (M. Koponen); Ta: Hattula, 11.6.1987, Hämeenlinna, 22.5.1982, Janakkala, 26.5.1982, 26.5.1984 (M. Koponen); Sa: Hirvensalmi, 5.6.1982, Mikkelin mlk., 31.5.1980, 4.6.1983, 31.5.1988, 3.6.1994 (M. Koponen); Tb: Rautalampi, 19.7.1983 (M. Koponen); Oba: Ii, 20.7. 1980 (M. Koponen); 7 ♂, 4 ♀ from Estonia (DAZH), Harjumaa: Lahemaa and Vihasoo, 25.5. 1991; Pärnumaa: Nigula, 3.6.1990; Saaremaa: Asuka and Kuressaare, 2.6.1990 (M. Koponen); 1 ♂ from Sweden (MZH), Gotland (A. Nordman); and 1 ♂ from Switzerland (MZH), Münster Tal, Santa Maria, 19.-22.6.1953 (Håkan Lindberg).

Opius (Opius) meracus Fischer

Opius meracus Fischer, 1960: 38, ♀; Hellén 1959: 22; Fischer 1962b: 97 (♂ nov.); 1971a: 87.

Opius (Opius) meracus; Fischer 1972: 366 (key), 375 (redescription); Tobias 1986: 76 (key); Koponen 1989: 29.

Distribution. Denmark, Estonia, Finland (map 87), Germany, Hungary, Italy, Russia (Karelia, Murmansk region, Krasnodar region), Slovenia.

Hosts. Diptera, Agromyzidae: *Napomyza nigrifulva* (Zetterstedt) = *cineracea* (Hendel) on *Ranunculus acris*, *Napomyza ? evanescens* (Hendel) on *Ranunculus lanuginosus*.

Material examined. 6 ♂, 6 ♀ from Finland (DAZH, MZH), N: Espoo, 29.5.1986 (M. Koponen), Hangö = Hanko, 14.6.1931 (M. Hellén), Inkoo, 24.5.1989 (M. Koponen), Kyrkslätt = Kirkkonummi (R. Frey), Nurmijärvi, 7.6.1984 (M. Koponen), Tvärminne, 20.6.1966 (V. Varis); Ta: Lammi, 7.7.1976 (M. Koponen); Kl: Parikkala, 7.-14.6.1940 (S. Hellén); Ok: Ristijärvi, 3.7.1991 (M. Koponen), Suomussalmi, 16.6.-3.7.1917 (W. Hellén); Li: Utsjoki (R. Frey); 1 ♂ from Estonia (MZH), "St. Rågö" = Suur-Pakri island, 5.6.1933 (H. Backlund); 2 ♂ from Russia (MZH), Karelia: Sortavala, 4.6.1928 (Rantalainen), Murmansk region: Yläluostari, 1930 (M. Hellén); and 1 ♀ from Slovenia (MZH), Laibach = Ljubljana, 1870 (J. A. Palmén).

***Opius (Opius) pallipes* Wesmael**

Opius pallipes Wesmael, 1835: 118, ♀ ♂; Hellén 1959: 22; Fischer 1960: 49 (figs.); 1971a: 95; Wharton 1987: 66.

Hypolabis pallipes; Foerster 1862: 260.

Opius pallidipes Marshall, 1891: 27. ♀ ♂.

Opius (Opius) pallipes; Fischer 1972: 366 (key), 377 (redescription); Tobias 1986: 78 (key, distribution); Papp 1982b: 106.

Distribution. North, west and central Europe, including Finland (map 88), Italy, Balkans, Russia, Ukraine, central Urals, Caucasus, Kazakhstan, Mongolia, North Korea, Siberia, western North America.

Hosts. Fischer & Koponen: A survey of *Opiinae*. Diptera, Agromyzidae: *Agromyza nigrescens* Hendel, *Agromyza spiraeae* on *Filipendula vulgaris*, *Cerodontha (Butomyza) angulata* (Loew) or *Cerodonta (Dizygomyza) morosa* (Meigen) on *Carex hirta*, *Amauromyza (Trilobomyza) labiatarum* (Hendel), *Amauromyza (Trilobomyza) verbasci* (Bouché), *Liriomyza amarellae* Hering on *Gentiana germanica*, *Liriomyza bryoniae* (Kaltenbach) on *Populus berolinensis*, *Liriomyza centaureae* Hering, *Liriomyza eupatoriana* Spencer, *Liriomyza* sp. on *Crepis praemorsa*, *Liriomyza strigata* (Meigen) on *Hyoxyamus niger* and *Senecio nemorensis fuchsii*, ?*Liriomyza strigata* (Meigen) on *Hypochoeris aetnensis*, *Liriomyza taraxaci* Hering, *Liriomyza wachtlei* Hendel = *veratri* Groeschke; *Paraphytomyza tremulae* (Hering), *Phytomyza angelicae* Kaltenbach on *Angelica sylvestris*, *Phytomyza fallaciosa* Brischke, *Phytomyza ferulae* Hering on *Bunium creticum*, *Phytomyza kyffhusana* Hering, *Phytomyza leucanthemi* Hering on *Leucanthemum maximum*, *Phytomyza pulula* Zetterstedt = *matricariae* Hendel, *Phytomyza minuscula* Goureaux on *Thalictrum minus*, *Phytomyza obscura* Hendel on *Peucedanum oreoselinum*, *Phytomyza pauliloewi* Hendel on *Anthemis tinctoria*, *Phytomyza ranunculi* (Schrank) on *Ranunculus acris*, *Phytomyza* sp. on *Anemone sylvestris*, *Phytomyza sphondylii* Robineau-Desvoidy, *Phytomyza tanacetii* Hendel, *Phytomyza thysselini* Hering on *Peucedanum palustre*, *Paraphytomyza hendeliana* (Hering), *Phytomyza pericycleni* de Meijere; Anthomyiidae: *Anthomyia* sp., *Delia echinata* Séguy, *Pegomya bicolor* (Hoffmannsegg in Wiedemann), *Pegomya nigritarsis*

(Zetterstedt); Drosophilidae: *Scaptomyza apicalis* Hardy on *Amaranthus blitum*, *Scaptomyza graminum* Fallén on *Anthyllis vulneraria*; Tephritidae: *Myiolia caesio* Harris, *Philophylla heraclei* (Linnaeus), *Vidalia spinifrons* Schröder.

Material examined. 64 ♂, 74 ♀ from Finland (DAZH, MZH), Al: Föglö, 9.7.1984, Geta, 29.6.1983 (M. Koponen), Jomala, 9.6.1939 (W. Hellén); Ab: Pojo, Äminne, 14.7.1965 (M. Meinander); N: Espoo, 10.8.1980 (M. Koponen), Helsingin pit., 18.6.1920 (Y. Hukkinen), Helsinki, 28.6., 20.7., 9.8.1976, 18.6.1979, 2.8.1982, Kirkkonummi, 23.7.1991, 24.7.1994, Mäntsälä, 24.8.1975, Nurmijärvi, 7.8.1976, 24.8.1980. 1.6., 22.6., 28.8.1982, 5.-21.6., 18.8.1984, 16.6., 26.6., 6.-13.7., 8.8.1985, 25.7.1986, 22.7., 4.-14.9.1987, 27.6.1988, 22.6., 13.9.1989, 14.7.1991, 13.6., 5.7., 18.7., 9.8.1992, 3.-5.8.1994, Pyhtää, 14.8.1981 (M. Koponen), Sibbo, Nevas, 7.-13.7.1986 (A. Albrecht), Sipoo, 13.8.1977, 1.6., 15.6.1983, Tammisaari, 13.-14.8.1986, Vantaa, 13.8.1977, 8.9.1978, 17.8.1979 (M. Koponen); Ka: Kotka, 31.7.1977 (M. Koponen); St: Euta, 7.7.1981, 16.6.1982, Huittinen, 29.5.1993, Kokemäki, 30.5.1993, Loimaan mlk., 30.5.1993, Rauma, 1.7.1986, Vammala, 2.7.1993, Yläne, 17.6.1982 (M. Koponen); Ta: Hartola, 13.6.1987, Heinolan mlk., 20.7.1983, Janakkala, 24.8.1980, 26.5.1982, 12.6.1983, Korpilahti, 20.8.1986, Lammi, 6.-8.7.1975, 4.-15.7.1976, Loppi, 12.7.1991, Nastola, 25.6.1994, Pälkäne, 23.7.1980 (M. Koponen); Sa: Imatra, 8.-11.6.1956 (Håkan Lindberg), Mikkelin mlk., 24.7.1976, 7.7.1978, 29.7., 16.8.1980, 4.-24.6.1983, 29.7.1985, 10.9.1994, Pertunmaa, 22.6.1983, Ristiina, 28.7.1979, 4.7.1980, 1.8.1981, 5.6., 20.8.1983, 21.6., 25.7.1985, 10.7.1993, 22.7.1994 (M. Koponen); Kl: Parikkala, 2.7.1980, 27.-28.6.1990 (M. Koponen), Uukuniemi, 20.7.1983 (M. Pulkkinen); Sb: Tervo, 18.7.1983 (M. Koponen); Kb: Kitee, 22.7.1982, Liperi, 2.-5.7.1994, Tohmajärvi, 18.-23.7.1982 (M. Koponen); Om: Pietarsaari, 30.6.1978 (M. Koponen); Ok: Puolanka, 29.6.1989 (M. Koponen); Ks: Kuusamo, 4.7.1979 (M. Koponen), Kuusamo, Juuma, 22.7.1934 (W. Hellén); Lkor: Sodankylä, 4.7.1989 (M. Koponen); 2 ♀ from Estonia (DAZH), Saaremaa: Mäebe, 31.5.1990; Valgamaa: Koikküla, 5.6.1990 (M. Koponen); 1 ♂ from Sweden (MZH), Ög: Rystad, 15.-17.6.1933 (Håkan Lindberg); 4 ♂, 3 ♀ from Poland (DAZH); 1 ♂ from Russia (MZH, Murmansk region); 1 ♀ from Slovenia (MZH), Laibach = Ljubljana, 1870 (J. A. Palmén leg.); and 3 ♀ from Greece (DAZH), Corfu: Acharavi, 24.4.1994, Benitses, 23.5.1981 (M. Koponen leg.).

***Opius (Opius) peterseni* Fischer**

Opius peterseni Fischer, 1964b: 242, ♀ ♂; 1971a: 98.

Opius (Opius) peterseni; Fischer 1972: 366 (key), 380 (redescription); Papp 1979: 86; Tobias 1986: 80.

Distribution. Austria, Denmark, Finland (map 89), Hungary.

Host. Unknown.

Material examined. 2 ♀ from Finland (DAZH), Sa: Mikkelin mlk., 5.6.1983 (M. Koponen); Oba: Ii, 20.7.1980

(M. Koponen leg.).

***Opius (Opius) pygmaeator* (Nees)**

Bracon pygmaeator Nees, 1834: 52, ♀ ♂.

Opius pygmaeator; Haliday 1837: 205, ♀ ♂; Hellén 1959: 22; Fischer 1960: 54; 1971a: 103.

Opius (Desmatophorus) pygmaeator; Thomson 1895: 2195, ♀ ♂.

Opius (Opius) pygmaeator; Fischer 1972: 366 (key), 383 (redescription); Tobias 1986: 80.

Distribution. Austria, Belgium, former Czechoslovakia, England, Finland (map 90), Germany, Russia, Sweden, Georgia.

Host. Uncertain.

Material examined. 5♂, 27♀ from Finland (DAZH, MZH), Al: Geta, Höckböle, 16.6.1939, Kökar, 17.7.1936, Kökar, Idö, 18.7.1936 (W. Hellén); Ab: Nystad = Uusikau-punki, 1920, 1923 (W. Hellén); N: Hangö = Hanko, 14.6.1931 (W. Hellén), Hyvinkää, 8.8.1976 (M. Koponen), Tvärminne, 13.-30.7.1914 (W. Hellén); Ka: Hamina, 30.7.1953 (E. Thunberg); St: Karkku, 12.-20.6.1914 (W. Hellén); Ta: Ruovesi, 25.6.1931 (V. Saarinen); Sa: Hirvensalmi, 31.7.1983, Mikkelin mlk., 1.-2.8.1983, Ristiina, 23.7.1994 (M. Koponen); Kl: Parikkala, 16.-27.6.1940 (S. Hellén), 21.7.1942 (W. Hellén), Uukuniemi, 25.7.1940 (W. Hellén); Sb: Kuopio, 27.6.1989 (M. Koponen); Kb: Kontiolaks/Libeliits, 11.-25.6.1865 (Woldstedt); Obb: Torneå = Tornio, 4.7.1924 (Håkan Lindberg); Lkoc: Kittilä, 8.7.1989 (M. Koponen); Lkor: Sodankylä, 9.8.1983 (M. Koponen); and 2♂, 4♀ from Russia (MZH), Leningrad and Murmansk regions.

***Opius (Opius) subpallipes* Tobias**

Opius (Opius) subpallipes Tobias, 1986: 80. - Fischer 1991a: 191 (redescr.).

Distribution. Finland (map 91), Moldova.

A new species to Finland.

Host. Unknown.

Material examined. 1♀ from Finland (DAZH), Ta: Janakkala, 2.8.1975 (M. Koponen leg.).

Subgenus *Phaedrotoma* Foerster

Phaedrotoma Foerster, 1862: 260. Type species: *Phaedrotoma depeculator* Foerster.

***Opius (Phaedrotoma) depeculator* (Foerster)**

Phaedrotoma depeculator Foerster, 1862: 260.

Opius depeculator; Hellén 1959: 22; Fischer 1957a: 51; 1971a: 60.

Opius (Phaedrotoma) depeculator; Fischer 1972:

387 (key), 389; Papp 1982a: 243; Tobias 1986: 80 (key, distribution).

Opius semiaciculatus Stelfox, 1949: 308, ♀ ♂. Synonymised by Fischer 1957a: 51.

Distribution. North and central Europe, including Finland (map 92), Armenia, Georgia, Kirgiziya. Reported from Finland by Hellén (1959).

Hosts. Diptera, Agromyzidae: *Cerodontha (Cerodonta) denticornis* (Panzer) on *Holcus lanatus*, *Ophiomyia* sp. on *Medicago sativum*, *Phytomyza griffithsi* Spencer on *Plantago media*, *Phytomyza plantaginis* Robineau-Desvoidy on *Plantago lanceolata*, *Phytomyza ramosa* Hendel, *Phytomyza succisae* Hering.

Material examined. 2♂, 3♀ from Finland (DAZH, MZH), Al: Lemland, Flaka, 12.-24.8. 1954 (Håkan Lindberg); Ab: Houtskär, 5.7.1936 (W. Hellén); N: Nurmijärvi, 29.5.1988, Porvoo, 1.8.1982 (M. Koponen); Ta: Pälkäne, 23.6.1921 (M. Hellén); 1G from Estonia (DAZH), Läänemaa: Puhtu, 29.5.1990 (M. Koponen leg.); and 1E from Holland (MZH).

***Opius (Phaedrotoma) diversus* Szépligeti**

Opius diversus Szépligeti, 1898: 308, 400, ♀ ♂; Fischer 1960: 102 (redescription).

Opius (Phaedrotoma) diversus; Papp 1979: 77.

Opius diversipes; Hellén 1959: 21 (misspelling).

Treated as synonym of *Opius exiguus* Wesmäl by Fischer (1971a and 1972) and Tobias (1986). Fischer (1990) is still uncertain about the independency of this species.

Distribution. Austria, Bulgaria, the Canary Islands, former Czechoslovakia, England, Estonia, Finland (map 93), Germany, Greece, Hungary, Italy, Sweden, Uzbekistan.

A new species to the Canary Islands and Greece.

Host records mixed with those of *Opius exiguus*.

Material examined. 22♂, 22♀ from Finland (DAZH, MZH), Al: Lemland, 6.7.1984, Sund, 1.7.1983 (M. Koponen); Ab: Pargas (Ingelius), Perniö, 17.9.1994 (M. Koponen); N: Helsinki, 21.7.1975, 12.8.1977, 24.7.1978, 10.8.1980, 4.8.1982, 16.6.1983, 23.8.1984, Nurmijärvi, 25.7.1975, 15.7.1978, 14.7.1979, 14.7.1982, 20.5., 19.6., 6.8.1983, 24.8.1985, 12.7., 25.8.1987, 14.8.1989, 16.6.1991, 19.6.1993, 5.8.1994, Porvoo mlk., 30.7.1978, Vantaa, 6.8.1980 (M. Koponen); St: Rauma, 1.7.1986, Vammala, 1.7.1993 (M. Koponen); Ta: Forssa, 11.8.1992, Hartola, 10.6.1987, Heinolan mlk., 21.8.1983, Korpilahti, 20.8.1986 (M. Koponen); Sa: Mikkelin mlk., 19.8. 1994, Ristiina, 9.9.1990, Ruokolahti, 2.7.1975 (M. Koponen); 1♂, 2♀ from Estonia (DAZH), Saaremaa: Montu park 31.5.1990, Asuka and Lihulinna, 2.6.1990 (M. Koponen); 2♂, 4♀ from the Canary Islands

(DAZH), Tenerife: Anaga, 4.12.1992, Sta Ursula, 8.-11.12.1993 (M. Koponen); Greece (DAZH), Corfu: Perama, 28.5.1977, Acharavi, 24.4.1994 (M. Koponen); 1 ♂ from Italy (MZH), Trieste, Timavo, 1870 (J. A. Palmén); and 1 ♀ from Georgia (DAZH), Batumi, 9.7.1977 (M. Koponen leg.).

Opius (Phaedrotoma) exiguus Wesmael

Opius exiguus Wesmael, 1835: 123, E; Hellén 1959: 22; Fischer 1960: 104 (redescription); 1971a: 64.

Opius (Phaedrotoma) exiguus; Fischer 1972: 387 (key), 392; Papp 1981c: 140; Tobias 1986: 82; Papp 1981c: 140; 1982c: 184, 191; 1988: 58 (distribution).

Distribution. North, west and central Europe, including Finland (map 94), Greece, Italy, Russia, Caucasus, Israel, Kazakhstan, North Korea, Egypt, Ethiopia, South Africa.

Host records mixed with those of *Opius diversus*.

Material examined. 22 ♂, 59 ♀ from Finland (DAZH, MZH), Al: Geta, 29.6.1983, Hammarland, 1.7.1984 (M. Koponen); Ab: Nauvo, Seili, 17.-18.7.1978, Perniö, 6.8.1982 (M. Koponen); N: Hanko, 17.6.1980, 20.5.1989, Helsinki, 11.9.1977, 28.7.1980, 25.8.1982, 16.6.1983, 30.5.1984, Kirkkonummi, 23.5.1991, Nurmijärvi, 14.7.1979, 10.-29.7.1982, 14.6.-7.7.1983, 7.6.1984, 11.6., 6.9.1986, 23.6., 14.9.1987, 17.7., 7.6.1991, 25.7., 16.8.1992, 20.5., 4.7.1993, 5.8.1994, Siuntio, 20.8.1978, Tammissaari, 20.5.1984, 12.8.1986 (M. Koponen); Ta: Hattula, 1.8.1992, Janakkala, 12.6.1988, Jämsä, 7.7.1982, Loppi, 1.8.1992, Pälkäne, 11.7.1985, Ruovesi, 11.7.1985 (M. Koponen); Sa: Mikkelin mlk., 23.6., 31.7.1983, Rautjärvi, 3.7.1990, Ristiina, 27.6.-1.7., 9.9.1990 (M. Koponen); Tb: Rautalampi, 15.7.1983 (M. Koponen); Sb: Niisjä, 17.6.1988, Pieksämäen mlk., 14.7.1983 (M. Koponen); Kb: Liperi, 24.6.1982, 5.7.1994, Tohmajärvi, 21.7.1982 (M. Koponen); Ok: Puolanka, 29.6.1989 (M. Koponen); Obb: Kemi, 6.7.1982 (M. Koponen); Ks: Taivalkoski, 11.8.1982 (M. Koponen); 1 ♂ from Russia (MZH), Leningrad region: Tyttärsaari, 16.7.1938 (W. Hellén); 5 ♂, 6 ♀ from Estonia (DAZH), Läänemaa: Puhtu, 28.-29.5.1990, Saaremaa: Kaali, Kūbassaare and Mäebe, 30.-31.5.1990 (M. Koponen); 1 ♂, 1 ♀ from Poland (DAZH), Pomorze: Stara Brda, 11.-12.7.1988 (M. Koponen); 1 ♂, 3 ♀ from Greece, Corfu: Benitses, 25.-31.5.1981, Perama, 27.5.1981 (M. Koponen); and 1 ♀ from Georgia (DAZH), Batumi, 11.7.1977 (M. Koponen leg.).

Opius (Phaedrotoma) pulchrivertris Fischer

Opius pulchrivertris Fischer, 1958c: 301, ♀ ♂; 1960: 106 (figs.); 1971a: 102.

Opius (Phaedrotoma) pulchrivertris; Fischer 1972: 387 (key), 397 (redescription); Papp 1981c: 141; 1982b: 107; Fischer 1984a: 131; Tobias

1986: 82.

Opius (Opiothorax) affectus Papp, 1981c: 139, 144, ♀ ♂. Synonymised by Fischer (1984a).

Distribution. Austria, former Czechoslovakia, England, Finland (map 95), France, Germany, Poland, Russia, Switzerland, Kazakhstan, North Korea.

A new species to Finland.

Hosts. Diptera, Agromyzidae: *Amauromyza (Trilobomyza) verbasci* (Bouché) on *Verbascum thapsiforme*, *Phytomyza agromyzina* Meigen, *Phytoliriomyza hilarella* (Zetterstedt) on *Pteridium aquilinum*. In DAZH there is 1 ♂ from Finland, reared at the Agricultural Research Centre, Department of Pest Investigation, from a sample of *Hordeum* leaves, with larvae and puparia of *Phytomyza* sp.

Material examined. 2 ♀ from Finland (DAZH), N: Nurmijärvi, 28.9.1980 (M. Koponen); St: Kokemäki, 1960, reared.

Opius (Phaedrotoma) variegatus Szépligeti

Opius variegatus Szépligeti, 1896: 315, 381, EG; Hellén 1959: 22; Fischer 1960: 107; 1967a: 347; 1971a: 121.

Opius (Phaedrotoma) variegatus; Fischer 1972: 387 (key), 401 (redescription); Tobias 1986: 82 (key, distribution).

Distribution. Austria, former Czechoslovakia, Denmark, England, Estonia, Finland (map 96), France, Germany, Hungary, Poland, Russia, central Urals, Sweden, Kazakhstan, Mongolia.

Hosts. Diptera, Agromyzidae: *Agromyza albitarsis* Meigen, ?*Agromyza apfelbecki* Strobl on *Cirsium eriophorum*, *Agromyza phragmitidis* Hendel, *Cerodontha (Poemyza) deschampsiae* (Spencer) on *Deschampsia caespitosa*, *Cerodontha (Poemyza) incisa* (Meigen) on *Calamagrostis canescens*, *Calamagrostis epigeios*, *Melica nutans* and *Phleum pratense*, *Cerodontha (Poemyza) pygmaea* (Meigen) on *Brachypodium sylvaticum*, *Calamagrostis arundinacea*, *Dactylis glomerata*. and *Deschampsia caespitosa*, *Cerodontha (Butomyza) scirpi* (Karl) on *Scirpus sylvaticus*, *Dizygomyza* sp. on *Brachypodium sylvaticum*, *Amauromyza (Trilobomyza) flavifrons* (Meigen) on *Dianthus barbatus*, *Dianthus caryophyllus*, *Lychnis coronaria*, *Melandrium album*, *Melandrium rubrum*, *Saponaria officinalis* and

Stellaria sp., *Amauromyza* (*Trilobomyza*) *verbasci* (Bouché) on *Scrophularia nodosa*, *Verbascum nigrum*., *Verbascum phlomoides*, *Verbascum thapsiforme* Schrad. and *Verbascum thapsus*; Anthomyiidae: *Pegomya hyoscyami* (Panzer) on *Hyoscyamus niger*.

Material examined. 6♂, 15♀ from Finland (DAZH, MZH, TUU), Al: Föglö, 9.7.1984 (M. Koponen); Ab: Korpoo, 4.7.1958, Nauvo, 8.7.1948 (E. K. Lahtinen); N: Hangö = Hanko, 1931 (W. Hellén), Helsinki, 18.9.1975 (M. Viitasaari), 24.8.1976, 12.8.1979, 26.6.1980, 8.9., 30.9.1982 (M. Koponen), Nurmijärvi, 20.6.1975, 15.7., 31.8.1979, 9.6., 16.7.1994, Sipoo, 15.6. 1983 (M. Koponen), Tvärminne, 14.8.1955 (Håkan Lindberg); Ta: Loppi, 29.8.1993 (M. Koponen), Nokia, 5.8.1940 (W. Hellén); Sa: Mikkelin mlk., 23.6.1983 (M. Koponen); Kb: Liperi, 4.8.1993 (M. Koponen); 2♂ from Estonia (DAZH), Saaremaa: Salme, 31.5.1990, Viidumägi, Sihi, 1.6.1990 (M. Koponen); 1♂ from Poland (DAZH), Pomorze: Stara Brda, 12.7.1988 (M. Koponen); and 1♀ from Russia (MZH), Leningrad region: Terijoki, 12.8.1927 (W. Hellén leg.).

Subgenus *Pendopius* Fischer

Pendopius Fischer, 1972: 409. Type species: *Opius pendulus* Haliday.

Subgenus *Pendopius*; Fischer 1991b: 47 (new definition).

Opius (*Pendopius*) *pendulus* Haliday

Opius pendulus Haliday, 1836: 205, ♀♂; Hellén 1959: 22; Fischer 1960: 66 (redescription); 1964a: 200; 1971a: 97; van Achterberg 1997: 64.

Opius (*Pendopius*) *pendulus*; Fischer 1972: 410 (key), 414 (redescription); 1992: 47; Papp 1979: 85.

Opius (*Phaedrotoma*) *pendulus*; Tobias 1986: 85 (key, distribution).

Distribution. Austria, England, Estonia, Finland (map 97), France, Germany, Greece, Hungary, Ireland, Russia, Sweden, west Caucasus, Canada (Ont., Que.), U.S.A. (N. Y.).

A new species to Estonia and Greece.

Hosts. Diptera, Agromyzidae: *Liriomyza congesta* (Becker) on *Vicia sepium*, *Napomyza evanescens* (Hendel) on *Ranunculus lanuginosus*, *Napomyza nigritula* (Zetterstedt) = *Phytomyza cineracea* Hendel on *Ranunculus acris* and *R. bulbosus*.

Material examined. 4♂, 6♀ from Finland (DAZH, MZH), N: Helsinki, 28.6.1976, 8.6.1979, Inkoo, 24.5.1989 (M. Koponen), Kyrkslätt = Kirkkonummi (R. Frey), Nurmijärvi, 5.8.

1994 (M. Koponen); St: Vammala, 30.6.1993 (M. Koponen); Ta: Lammi, 6.7.1976 (M. Koponen); Kb: Polvijärvi, 5.7.1994 (M. Koponen); Om: Reisjärvi, 11.7.1980 (M. Koponen); Ok: Kajaani, 5.7.1991 (M. Koponen); 1♂, 1♀ from Estonia (DAZH), Saaremaa: Kaali 30.5.1990, Lõpollu, 31.5.1990 (M. Koponen), and 1♂, 1♀ from Greece (DAZH), Corfu: Acharavi, 23.4.1994, Benitses, 24.5.1981 (M. Koponen leg.).

Subgenus *Allophlebus* Fischer

Allophlebus Fischer, 1972: 416. Type species: *Opius victus = singularis* sensu Fischer until 1992 (see Fischer 1995: 238).

Opius (*Allophlebus*) *fuscipennis* Wesmael

Opius fuscipennis Wesmael, 1835: 123, ♀; Fischer 1960: 72 (figs.); 1971a: 68; Papp 1979c: 185; 1982c: 190.

Opius (*Allophlebus*) *fuscipennis*; Fischer 1972: 416 (key), 420 (redescription).

Opius (*Phaedrotoma*) *fuscipennis*; Tobias 1986: 87.

Distribution. Austria, Belgium, former Czechoslovakia, England, Finland (map 98), Greece, Hungary, Moldova.

A new species to Finland.

Host. Diptera, Agromyzidae: *Agromyza nigrociliata* Hendel on *Arrhenatherum elatius*.

Material examined. 4♂, 6♀ from Finland (DAZH, MZH), Ab: Nauvo, Sandö, 19.7.1978; N: Nurmijärvi, 13.6.1992, 3.8.1994; Sa: Mikkelin mlk., 22.8.1975, 18.7.1987, Ristiina, 23.6.1979, 19.7.1987; Sb: Tervo, 18.7.1983; Kb: Tohmajärvi, 25.7.1982 (all M. Koponen leg.).

Opius (*Allophlebus*) *padidalis* Fischer

Opius (*Allophlebus*) *padidalis* Fischer, 1989: 96, ♂.

Distribution. Finland (map 99), Slovakia.

A new species to Finland.

Host. Unknown.

Material examined. 1♂ from Finland (DAZH), Sa: Ristiina, 6.8.1977 (M. Koponen leg.).

Opius (*Allophlebus*) *pulcherrimus* Fischer

Opius pulcherrimus Fischer, 1958f: 176, ♀♂; 1971a: 102.

Opius (*Allophlebus*) *pulcherrimus*; Fischer 1972: 416 (key), 422 (redescription).

Opius (*Phaedrotoma*) *pulcherrimus*; Tobias 1986:

89 (key, distribution).

Distribution. Austria, Finland (map 100), Germany, Hungary, Moldova, Russia, Ukraine (Crimea).

A new species to Finland.

Host. Unknown.

Material examined. 1 ♀ from Finland (DAZH), Sa: Mikkelin mlk., 6.9.1981 (M. Koponen leg.).

Opius (Allophlebus) pulchriceps Szépligeti

Opius pulchriceps Szépligeti, 1898: 400, ♀ ♂; Fischer 1960: 74 (redescription); 1971a: 102.

Opius (Allophlebus) pulchriceps; Fischer 1972: 416 (key), 423 (redescription); Papp 1981c: 141.

Opius (Phaedrotoma) pulchriceps; Tobias 1986: 89.

Distribution. Austria, Finland (map 101), Germany, Hungary, North Korea.

Host. Unknown.

Material examined. 2 ♀ from Finland (DAZH), Ab: Särkisalo, 21.9.1994; N: Nurmijärvi, 16.7.1994 (both M. Koponen leg.).

Opius (Allophlebus) staryi Fischer

Opius staryi Fischer, 1958c: 303, ♀; 1971a: 113; Papp 1979c: 185.

Opius (Allophlebus) staryi; Fischer 1972: 416 (key), 427 (redescription); Papp 1979b: 348, 352; 1981c: 141.

Opius (Phaedrotoma) staryi; Tobias 1986: 87.

Opius (Allophlebus) sitagrus Papp, 1982b: 117, ♀. Synonymised by Fischer 1986: 656.

Distribution. former Czechoslovakia, England, Finland (map 102), Hungary, Sweden, North Korea.

A new species to Finland and Sweden.

Hosts. Diptera, Agromyzidae: *Paraphytomyza tremulae* (Hering) on *Populus tremula*, *Phytomyza aquilegiae* Hardy on *Aquilegia* sp., *Phytomyza minuscula* Goureaux on *Aquilegia* sp. and *Thalictrum* sp.

Material examined. 4 ♂, 1 ♀ from Finland (DAZH), Ta: Nastola, 17.8.1980 (M. Koponen); Sa: Mikkelin mlk., 3.6.1983 (M. Koponen); Kb: Liperi, 3.-4.7.1994 (M. Koponen), and 1 ♀ from Sweden (DAZH), Vb: Byske, Furuögrund, 16.7.1980 (M. Koponen leg.).

Opius (Allophlebus) victus Haliday

Opius victus Haliday, 1837: 207, ♀.

Opius (Allophlebus) victus: Fischer 1995: 238.

Opius singularis (sensu Fischer, nec Wesmæl): Hellén 1959: 22; Fischer 1960: 76, ♀ ♂ (figs.); 1962d: 89; 1971a: 111.

Opius (Allophlebus) singularis (sensu Fischer, nec Wesmæl); Fischer 1972: 416 (key), 424 (redescription); Papp 1982a: 245.

Opius (Allophlebus) tarni Papp, 1982: 249.

Atomorus victus; van Achterberg 1997: 87 (new status & new combination, not applied here).

Treated as synonym for *Opius (Allophlebus) singularis* Wesmæl, 1835 by e.g. Fischer (1972) and Tobias (1986).

Distribution. Austria, Belgium, Bulgaria, former Czechoslovakia, Denmark, England, Finland (map 103), Germany, Hungary, Italy, Poland, Romania, Sweden, Switzerland, Armenia, Georgia, Mongolia.

Hosts. Diptera, Agromyzidae: *Agromyza abiens* Zetterstedt, *Agromyza alnibetulae* Hendel on *Alnus incana*, *Agromyza anthracina* Meigen, *Agromyza arunci* Hering on *Aruncus vulgaris*, *Agromyza nigripes* Meigen on *Agrotis canina*, *Agromyza reptans* Fallén, *Agromyza urticae* Nowakowski on *Urtica dioica*, *Cerodontha pygmaea* Meigen on *Dactylis glomerata*, *Liriomyza amoena* Meigen, *Liriomyza eupatorii* Kaltenbach on *Galeopsis tetrahit*, *Phytomyza actaeae* Hendel on *Actaea spicata*, *Phytomyza angelicastris* Hering on *Angelica sylvestris*, *Phytomyza anthriscis* Hendel on *Anthriscus sylvestris*, *Phytomyza heracleana* Hering on *Peucedanum ostruthium*, *Rubiomyza hendeliana* Hering on *Lonicera periclymenium*, *Rubiomyza periclymenii* Meijere on *Lonicera periclymenium*, *Trilobomyza labiatarum* Hendel on *Stachys sylvatica*. Unknown hosts on *Heracleum* sp. and *Holcus lanatus*.

Material examined. 22 ♂, 41 ♀ from Finland (DAZH, MZH), Al: Saltvik, 30.6.1983 (M. Koponen); Ab: Karjalohja, 19.6.1992 (M. Koponen), Lohjan kunta, 21.6.1991, 19.6.1992 (M. Koponen), Pojo, Äminne, 14.7.1965 (M. Meinander), Åbo = Turku (R. Frey), Vichtis = Vihti (R. Frey), Västänfjärd, 6.8.1982 (M. Koponen); N: H:fors = Helsinki (R. Frey), 19.8.1975, 21.9.1976, 27.7., 4.-15.9.1978 (1 ♀ aberrant coloured), 8.8., 28.8. 1979, 2.9.1980, 23.9.1982 (M. Koponen), 27.8. 1982 (Y. Zhongqi), Kirkkonummi, 24.7.1991 (M. Koponen), Nurmijärvi, 16.6.1985, 21.8.1987, 5.-9.7.1992, 16.-28.7.1994 (M. Koponen), Sibbo, Nevas, 14.-20.7.1985, 1.-14.8.1988 (A. Albrecht); Ta: Hattula, 20.7.1982 (Y. Zhongqi), Hämeenlinna, 13.9.1975, Janakkala, 12.9.1982, Korpilähti, 20.8.1986, Lahti, 17.7.1987, Lammi, 8.-17.7.1975, 9.7.1976 (M. Koponen), Pälkäne, 4.8.1989 (J. Kangas); Sa: Mikkelin mlk., 24.8. 1975, 24.7.1976, 22.6.

1979, 17.8.1980, 11.-12.8. 1987, 10.9.1994, Ristiina, 25.7.1985, 4.7.1987 (M. Koponen); Tb: Äänekoski, 21.8.1986 (M. Koponen); Kb: "Carel. Bor." (F. W. Woldstedt); Ok: Kuhmo, 10.7.1980, Suomussalmi, 29.6.1991 (M. Koponen); Obb: Ranua, 19.7.1980 (M. Koponen); and 2♂ from Estonia (DAZH), Pärnumaa: Nigula, 3.6.1990, Saaremaa: Viidumägi, Sihi, 1.6. 1990 (M. Koponen leg.); and 2♀ from Poland (DAZH), Białowieża, 8.7.1988, Pomorze: Stara Brda, 12.7.1988 (M. Koponen leg.).

Subgenus *Hypocynodus* Foerster

Hypocynodus Foerster, 1862: 260. Type species: *Opius crassipes* Wesmael.

Opius (Hypocynodus) crassipes Wesmael

Opius crassipes Wesmael, 1835: 127, ♀; Fischer 1958c: 306; 1971a: 58; Wharton 1987: 66.

Hypocynodus crassipes Foerster, 1862: 260.

Opius (Hypocynodus) crassipes; Fischer 1972: 428 (key), 430 (redescription); Papp 1979b: 353; 1981c: 154; 1982a: 243.

Opius (Phaedrotoma) crassipes; Tobias 1986: 89.

Distribution. Austria, Belgium, Denmark, England, Finland (map 104), Germany, Greece, Hungary, Italy, Romania, Russia, Switzerland, Armenia.

A new species to Finland and Greece.

Host. Unknown.

Material examined. 1♂, 3♀ from Finland (DAZH), Al: Hammarland, 7.7.1984, Jomala, 29.6.1984; Ab: Nauvo, Seili, 20.7.1978, Perniö, 6.8.1982 (M. Koponen), and 2♂, 1♀ from Greece (DAZH), Corfu: Aghii Deka, 24.5.1982, Perama, 3.6.1977, 24.5.1978 (M. Koponen leg.).

Opius (Hypocynodus) latipes Fischer

Opius latipes Fischer, 1958c: 308, ♀♂; 1971a: 80; Hellén 1959: 22.

Opius (Hypocynodus) latipes; Fischer 1972: 429 (key), 434 (redescription).

Opius (Phaedrotoma) latipes; Tobias 1986: 92 (key, distribution).

Distribution. former Czechoslovakia, Denmark, England, Estonia, Finland (map 105), Germany, Hungary, Kazakhstan, Moldova, Turkey.

A new species to Estonia.

Host. Diptera, Agromyzidae: *Napomyza nigritula* (Zetterstedt) = *cineracea* (Hendel) on *Ranunculus acris*.

Material examined. 3♀ from Finland (DAZH, MZH), N: Nurmijärvi, 20.5.1993 (M. Koponen), Sibbo, Nevas, 8.-

14.6.1986 (A. Albrecht), Täcktom, 9.6.1955 (V. Nyström), and 1♀ from Estonia (DAZH), Läänemaa: Puhtu, 29.5.1990 (M. Koponen leg.).

Opius (Hypocynodus) mongolaltaiensis Fischer

Opius (Hypocynodus) mongolaltaiensis Fischer, 1991: 169, ♀.

Distribution. Finland (map 106), Mongolia.

A new species to Finland.

Host. Unknown.

Material examined. 2♀ from Finland (DAZH), N: Nurmijärvi, 21.5., 14.6.1983 (M. Koponen leg.).

Subgenus *Adontopius* Fischer

Adontopius Fischer, 1984a: 93. Type species: *Opius (Opiothorax) adentatus* Fischer.

Opius (Adontopius) adentatus Fischer

Opius (Opiothorax) adentatus Fischer, 1980: 202, ♀.

Opius (Adontopius) adentatus Fischer, 1984a: 93.

Opius (Phaedrotoma) adentatus; Tobias 1986: 92.

Distribution. Austria, Finland (map 107).

A new species to Finland.

Host. Unknown.

Material examined. 1♂ (allotype) from Finland (DAZH), N: Nurmijärvi, 5.8.1994 (M. Koponen leg.).

Subgenus *Opiothorax* Fischer

Opiothorax Fischer, 1972: 441. Type species: *Opius levis* Wesmael.

Opius (Opiothorax) abditiformis Fischer

Opius (Opiothorax) abditiformis Fischer, 1984a: 94 (key), 96, 1995: 220 (key).

Distribution. Finland (map 108), Slovakia.

A new species to Finland.

Host. Unknown.

Material examined. 4♂ from Finland (DAZH), N: Nurmijärvi, 7.7.1983; Sa: Ristiina, 19.7.1987; Kl: Parikkala, 1.7.1990; Ks: Kuusamo, 2.7.1979 (M. Koponen leg.).

Opius (Opiothorax) attributus Fischer

Opius attributus Fischer, 1962e: 23, ♂.

Opius (Opiothorax) attributus; Fischer 1972: 441

(key), 443 (redescription); Papp 1981c: 154; Fischer 1984a: 94, 1995: 220 (key).

Opius (Phaedrotoma) attributus; Tobias 1986: 92 (key, distribution).

Distribution. Austria, former Czechoslovakia, Finland (map 109), Hungary, Lithuania, Ukraine.

A new species to Finland.

Host. unknown.

Material examined. 1 ♂ 2 ♀ from Finland (DAZH, MZH), N: Nurmijärvi, 12.6.1986 (M. Koponen), Sibbo, Nevas, 29.6.-4.7.1986 (A. Albrecht); Sa: Ristiina, 28.7.1986 (M. Koponen leg.).

Opius (Opiothorax) dureseai Fischer

Opius (Opiothorax) dureseai Fischer, 1975: 53; 1984a: 94 (key); 1995: 221 (key).

Opius (Phaedrotoma) dureseai; Tobias 1986: 94 (key, distribution).

Distribution. Finland (map 110), France, Hungary.

A new species to Finland.

Host. Diptera, Agromyzidae: *Agromyza frontella* Rondani.

Material examined. 1 ♂ from Finland (DAZH), N: Nurmijärvi, 21.6.1987 (M. Koponen leg.).

Opius (Opiothorax) filicornis Thomson

Opius filicornis Thomson, 1895: 2196,E; Fischer 1960: 70, ♀ ♂; 1971a: 65.

Opius (Opiothorax) filicornis; Fischer 1972: 442 (key), 446 (redescription); 1984a: 95 (key); 1995: 221 (key).

Opius (Phaedrotoma) filicornis; Tobias 1986: 96.

Distribution. Austria, the Canary Islands (Tenerife), Denmark, Finland (map 111), Germany, Italy, Russia, Sweden, Kazakhstan.

A new species to the Canary Islands.

Host. Diptera, Agromyzidae: *Phytomyza scotina* Hendel on *Salvia pratensis*.

Material examined. 4 ♂, 8 ♀ from Finland (DAZH), Ab: Nauvo, Seili, 20.7.1978 (M. Koponen); N: Helsinki, 25.7.1978, Nurmijärvi, 6.6., 25.8.1987, 17.7.1994, Porvoo, 1.8.1982 (M. Koponen); Ta: Heinolan mlk., 23.6.1985, Hämeenlinna, 26.5.1982, Janakkala, 26.5.1982, Lahti, 9.8.1984 (M. Koponen); Sa: Mikkelin mlk., 19.6.1981 (M. Koponen); 1 ♀ from Russia (MZH), Leningrad region: Räisälä, 22.6.1920 (W. Hellén); and 2 ♂, 1 ♀ from the Canary Islands (DAZH), Tenerife: Sta Ursula, La Quinta, 8.-11.12.1993 (M. Koponen leg.).

Opius (Opiothorax) funebris Wesmael

Opius funebris Wesmael, 1835: 124, ♀ ♂; Fischer 1960: 34 (redescription); 1971a: 68; 1974: 83.

Opius (Opiothorax) funebris; Fischer 1972: 441 (Key), 447 (redescription); Papp 1979b: 349; Fischer 1984a: 94 (key); 1995: 220 (key).

Opius (Phaedrotoma) funebris; Tobias 1986: 94 (key, distribution).

Opius ruminans Fischer, 1957d: 9, ♂. Synonymised by Fischer 1971a: 68.

Opius dilatatus Fischer, 1960: 56, ♂; 1971a: 61. Synonymised by Fischer 1972: 447.

Distribution. Austria, Belgium, former Czechoslovakia, Denmark, England, Estonia, Finland (map 112), France, Germany, Hungary, Lithuania, Romania, Russia.

A new species to Estonia and Finland.

Hosts. Diptera, Agromyzidae: *Napomyza nigritula* (Zetterstedt) = *cineracea* (Hendel) on *Ranunculus acris*, *Napomyza evanescens* (Hendel) on *Ranunculus lanuginosus*.

Material examined. 11 ♂, 14 ♀ from Finland (DAZH), Al: Saltvik, 28.6.1983; N: Inkoo, 24.5.1989, Nurmijärvi, 16.6.1986, 2.6.1989; Ta: Hämeenlinna, 22.5.1982, Tamme-la, 20.6.1982; Sa: Mikkelin mlk., 11.6.1977, 20.6.1981, Ristiina, 5.6.1983; Sb: Nilsä, 17.6.1988; Om: Kaustinen, 27.6.1978, Pyhäjoki, 29.6.1978, Ruukki, 29.6.1978; Ok: Paltamo, 30.6.-6.7.1991, Ristijärvi, 3.7.1991; Le: Enontekiö, Hetta (7592:361), 4.7.1982 (all M. Koponen); and 1 ♀ from Estonia (DAZH), Saaremaa: Kübassaare, 30.5.1990 (M. Koponen leg.).

Opius (Opiothorax) inflammatus Fischer

Opius inflammatus Fischer, 1962a: 38, ♀; 1971a: 76.

Opius (Opiothorax) inflammatus; Fischer 1972: 441 (key), 450 (redescription); 1984a: 94; 1995: 220 (key).

Opius (Phaedrotoma) inflammatus; Tobias 1986: 94 (key).

Distribution. Austria, Finland (map 113), Greece, Hungary.

A new species to Finland and Greece.

Host. Unknown.

Material examined. 15 ♀ from Finland (DAZH, MZH), Ab: Pojo, Äminne, 14.7.1965 (M. Meinander); N: Nurmijärvi, 5.8.1979, Tammisaari, 17.6.1980 (M. Koponen), Tvärminne, 15.-31.7.1964 (MZH); St: Rauma, 1.7.1986 (M. Koponen); Sa: Ristiina, 23.6.1984, 23.7.1994 (M. Koponen);

Sb: Pieksämäen mlk., 14.7.1983 (M. Koponen); Kb: Liperi, 5.7.1994, Tohmajärvi, 23.7.1982 (M. Koponen); Ok: Kuhmo, 7.7.1980 (M. Koponen); and 1 ♀ from Greece, Khalidike: Kassandra, Pallini, 5.5.1976 (M. Koponen leg.).

Opius (Opiothorax) levis Wesmael

Opius levis Wesmael, 1835: 56, ♀ ♂; Hellén 1959: 22; Fischer 1960: 86 (figs.); 1971a: 82; Hellén 1959: 22; Wharton 1987: 66.

Opius (Opiothorax) levis; Fischer 1972: 442 (Key), 453 (redescription); Papp 1982b: 106; 1982c: 184; Fischer 1984a: 95; 1995: 221 (key).

Opius (Phaedrotoma) levis; Tobias 1986: 96 (key); Papp 1988: 58 (distribution).

Opius varipes Szépligeti, 1898: 389, 401, ♀ ♂. Synonymised by Fischer 1971a: 82.

Distribution. the Canary Islands, Europe, Algeria, Central Asia, Israel, North Korea. This is the most common species of Opiinae in Finland (map 114).

A new species to the Canary Islands.

Hosts. Diptera, Agromyzidae: *Liriomyza congesta* (Becker), *Liriomyza flaveola* (Fallén) on Gramineae, *Liriomyza strigata* (Meigen) on *Campanula* sp., *Phytomyza glechomae* Kaltenbach.

Material examined. 263 ♂, 129 ♀ from Finland (DAZH, MZH), Al: Föglö, 9.7.1984, Lemland, 6.-8.7.1984 (M. Koponen), Lemland, Flaka, 12.-3.-12.6.1954 (Waselius), 24.8.1954 (Håkan Lindberg), Mariehamn, 11.6.1976, Vårdö, 8.7.1984 (M. Koponen); Ab: Karjalohja, 19.6.1992 (M. Koponen), Lojo = Lohja (R. Frey), Nauvo, Sandö, 19.7.1978, Nauvo, Seili, 18.-20.7.1978, Paimio, 7.8.1982, Perniö, 6.8.1982, 19.-20.9.1994 (M. Koponen), Pojo, Äminne, 14.7.1965 (M. Meinander), Finby = Särkisalo (W. Hellén), Turku, 2.10.1976, 18.-19.9.1981 (M. Koponen), Nystad = Uusikaupunki, 1919, 20.7.1924 (M. Hellén), Vichtis = Vihti (R. Frey), 18.7.1964, 6.-8.6.1967 (V. J. Karvonen), 11.7.1982 (M. Koponen), Västanfjärd, 15.8.1992 (M. Koponen); N: Espoo, 27.8.1982, 25.-26.7.1983 (M. Koponen), Hangö = Hanko, 23.7.1969 (W. Hellén), 20.5.1989 (M. Koponen), H:fors = Helsinki (R. Frey), 2.9.1965 (E. Karvonen), 26.8.-4.9.1975, 26.7.-11.9.1976, 20.7., 23.8.-8.9.1977, 7.-24.9.1978, 28.7., 2.-6.9.1980, 22.6., 22.7., 15.-22.9.1981, 31.5., 2.-4.8., 23.9.1982, 16.6.1983, 19.9.1985 (M. Koponen), 27.6., 30.7., 29.8., 12.9.1982 (Y. Zhongqi), Hyvinkää, 9.8.1985, Kirkkonummi, 30.8.1981, 23.-24.7.1991, Nurmi-järvi, 21.6., 20.7., 13.8. 1975, 16.7.1978, 14.7.1979, 23.-24.8.1980, 11.7., 30.7.1982, 14.-19.6., 6.8., 27.8.1983, 2.-7.6., 8.8.1984, 14.8., 24.8., 14.-19.9.1985, 23.6., 28.8., 6.9.1986, 1.8.1987, 20.6., 20.8., 6.9.1989, 16.6., 9.-17.7.1991, 20.6., 18.-24.7.1992, 19.6.1993, 6.6., 9.7., 5.-13.8.1994 (M. Koponen), Pernä = Pernaja, 12.8.1945 (Å. Nordström), Porvoo mlk., 30.7.1978, 1.8.1982 (M. Koponen), Sibbo = Sipoo, 27.8.1975, 3.6., 3.8.1982, 1.-15.6.1983, 26.9.1985 (M. Koponen), 19.-31.8. 1985, 15.6.-4.7.1986 (A. Albrecht), Siun-

tio, 30.8.1981, Tammissaari, 13.8.1986, Tuusula, 23.6.1975 (M. Koponen), Tvärminne, 22.8.1948 (U. v. Udvardy), 19.8.1951 (P. Palmgren), Vantaa, 5.9., 14.10.1978, 24.8.1979 (M. Koponen); Ka: Michikkälä, 30.-31.8.1977 (M. Koponen); St: Huittinen, 29.-30.5.1993, Rauma, 1.7.1986, Rauman mlk., 2.7.1986 (M. Koponen), Reposaaari, 24.8.1950, 4.6.1956 (V. Lauro), Vammala, 28.6.-1.7.1993 (M. Koponen); Ta: Hattula, 11.7.1976, Heinolan mlk., 25.7.1982 (M. Koponen), Juupajoki, 13.-14.6.1982 (Y. Zhongqi), Jämsä, 26.-29.8.1991 (M. Koponen), Kangasala, 20.6.1938 (A. Saarinen), Korpi-lahti, 20.8.1986, Kuhmoinen, 25.8.1991, Lahti, 15.8.1980, 17.7.1987, Lammii, 6.-13.7.1976, 27.8.1984, Loppi, 12.7.1991, 1.8.1992, 29.8.1993 (M. Koponen), Vanaja, 18.6.1921 (Y. Hukkinen); Sa: Lappeenranta, 26.6.1990, Mikkelin mlk., 15.6., 22.8.1975, 24.7., 14.8.1976, 5.8., 26.8.1978, 22.6.1979, 5.7., 30.7.1980, 19.6., 5.9.1981, 23.6.1983, 12.8.1984, 31.7.1986, 5.-18.7.1987, 23.7.1989, 27.6.1992, 6.8.1993, Mäntyharju, 5.9.1981, 4.6.1982, Pertunmaa, 22.6.1983, Ristiina, 23.7.1977, 22.6. 1979, 13.7., 5.9.1981, 4.-5.6.1983, 23.6.1984, 30.8., 5.10.1985, 29.7.1986, 4.-19.7.1987, 23.7.1989, 27.6.1992, Suomenniemi, 23.7.1978, Valkeala, 28.7.1977 (M. Koponen); Kl: Parikkala, 27.6.-2.7.1990 (M. Koponen), Uukuniemi, 4.7.1983 (M. Pulkkinen); Tb: Rautalamppi, 18.-19.7.1983, Vesanto, 28.6.1991 (M. Koponen), Viitasaari, 30.6.-3.7.1947 (W. Hackman); Kb: Kesälahti, 17.7.1982, Kitee, 22.7.1982, Liperi, 24.6.1982, 3.-5.7.1994, Tohmajärvi, 19.-23.7. 1982 (M. Koponen); Om: Vimpeli, 8.-10.7.1985 (M. Koponen); Ok: Ristijärvi, 10.7.1989, Sotkamo, 15.8.1982 (M. Koponen); Oba: Pudasjärvi, 20.7.1980, Vaala, 20.7.1980 (M. Koponen); Obb: Rovaniemen mlk., 9.8.1983, Simo, 17.7.1980, Tornio, 6.7.1982, Ylitornio, 12.8.1982 (M. Koponen); Lkoc: Kittilä, Sirkka, 7.7.1980 (J. Jalava & R. Väisänen); Lkor: Sodankylä, 10.-11.8.1983 (M. Koponen); Li: Inari, 6.7.1989 (M. Koponen); 1 ♂ from Sweden (DAZH); 11 ♂, 2 ♀ from Estonia (DAZH); 7 ♂, 1 ♀ from Poland (DAZH), 2 ♂, 9 ♀ from Russia (MZH) (Leningrad region, Karelia, Moscow, Taganrog), 1 ♀ from Greece, Corfu: Acharavi, 28.4.1994 (M. Koponen); and 50 ♂, 34 ♀ from the Canary Islands (DAZH), Tenerife: Portela Baja, 4.4.1988, Puerto de la Cruz, 11.-15. 12.1986, 28.3.-9.4.1988, Sta Ursula, 11.12.1993 (M. Koponen leg.).

Opius (Opiothorax) longicornis Thomson

Opius longicornis Thomson, 1895: 2197, ♀; Fischer 1960: 63; 1971a: 82.

Opius (Pendopius) longicornis; Fischer 1972: 410 (key), 413 (redescription).

Opius (Opiothorax) longicornis; Fischer 1984a: 95; 1995: 220 (key).

Opius (Phaedrotoma) longicornis; Tobias 1986: 85.

Opius caudifer Fischer, 1958c: 295, ♀ ♂; Hellén 1959: 21; Fischer 1967b: 140; 1971a: 52. Synonymised by Fischer 1981b: 23.

Opius (Opiothorax) caudifer; Fischer 1972: 441 (key), 444 (redescription); Papp 1982c: 189.

Opius (Phaedrotoma) caudifer; Tobias 1986: 94 (key, distribution).

Distribution. Austria, the Canary Islands, former Czechoslovakia, Finland (map 115), France, Greece, Hungary, Romania, Russia, Slovenia, Sweden, former Yugoslavia.

A new species to the Canary Islands and Greece.

Host. Diptera, Agromyzidae: *Phytomyza isa-is* Hering on seeds of *Odontites verna*.

Material examined. 8♂, 82♀ from Finland (MZH), Al: Finström, 5.7.1984, Föglö, 30.6.1984, Geta, 5.7.1984, Lemland, 6.7.1984 (M. Koponen); Ab: Hitis (Reuter), Nauvo, Seili, 20.7.1978, Perniö, 6.8.1982, Rymättylä, 27.6.1983 (M. Koponen); N: Helsing, 1915 (W. Hellén), Espoo, 25.7.1983, Helsinki, 17.7.1976, 10.-19.8.1976, 20.7., 12.8.1977, 2.8., 13.9.1982, Hyvinkää, 19.7.1981, Kirkkonummi, 23.-24.7.1991, Nurmijärvi, 4.9.1976, 16.7., 16.8.1978, 29.-31.7.1984, 1.8.1987, 24.7.1989, 18.-24.7.1992, 9.-16.7.1994, Sipoo, 27.8.1975, 13.8.1977, 26.7.1981, 3.8.1982, 24.7.1983 (M. Koponen), Tvärminne, 13.-30.7.1914 (W. Hellén); Ka: Ylämaa, 4.7.1990 (M. Koponen); St: Kokemäki, 10.8.1992, Rauma, 1.7.1986, Rauman mlk., 2.7.1986 (M. Koponen), Reposaaari (V. Lauro); Ta: Hausjärvi, 23.8.1981, Janakkala, 9.7.1983, Loppi, 12.7.1991 (M. Koponen); Sa: Mikkelin mlk., 24.6.1983, 25.7.1985, Pertunmaa, 4.8.1983, Ristiina, 23.6.1984, 19.7.1987 (M. Koponen); Tb: Rautalampi, 19.7.1983 (M. Koponen); Sb: Kuopio, 18.8.1983, Nilsä, 17.6.1988, Suonenjoki, 15.8.1983 (M. Koponen); Kb: Kitee, 19.-22.7.1982, Liperi, 4.8.1993, 3.7.1994, Tohmajärvi, 21.7.1982 (M. Koponen); Ok: Kuhmo, 10.7.1980 (M. Koponen); Obb: Simo, 18.7.1980, Tervola, 13.8.1982 (M. Koponen); Lkor: Sodankylä (7486:507), 10.8.1983 (M. Koponen leg.); 1♀ from Greece (DAZH), Corfu: Acharavi, 23.4.1994 (M. Koponen); and 1♀ from the Canary Islands (DAZH), Tenerife: Sta Ursula, La Quinta, 11.12.1993 (M. Koponen).

Opius (Opiothorax) magnicauda Fischer

Opius magnicauda Fischer, 1958: 298, ♀♂; 1971a: 84; Hellén 1959: 22.

Opius (Opiothorax) magnicauda; Fischer 1972: 441 (Key), 456 (redescription); Papp 1979: 82; Fischer 1984a: 94; 1995: 220 (key).

Opius (Phaedrotoma) magnicauda; Tobias 1986: 94 (key, distribution).

Distribution. Austria, former Czechoslovakia, Denmark, Estonia, Finland (map 116), Hungary, Italy, Poland, Russia, Sweden, Switzerland, Kazakhstan.

A new species to Estonia, Poland and Sweden.

Host. Unknown.

Material examined. 3♂, 18♀ from Finland (DAZH),

MZH), Ab: Nauvo, Seili, 17.7.1978 (M. Koponen); N: Espoo, 26.7.1983, Helsinki, 10.8.1976, 20.7.1977, Nurmijärvi, 27.5.1984, 20.6.1987, 16.6.1991, Porvoon mlk., 3.6.1982 (M. Koponen); St: Vammala, 28.6.1993 (M. Koponen); Ta: Kangasala (R. Frey); Sa: Ristiina, 10.7.1993 (M. Koponen); Tb: "Tav. bor." (Woldstedt); Om: Vimpeli, 7.7.1985 (M. Koponen); Ok: Paltamo, 5.7.1991, Ristijärvi, 4.7.1991 (M. Koponen); Obb: Torneå = Tornio, 4.9.1924 (Håkan Lindberg); Lkoc: Kittilä, Sirkka, Kätkätunturi, 7.-12.7.1980 (J. Jalava & R. Väisänen); 1♀ from Sweden (DAZH), Nb: Övertorneå, 27.6.1979 (M. Koponen); 7♀ from Estonia (DAZH), Saaremaa: Kaali, 30.5.1990, Lihulinna, 2.6.1990, Lõpollu and M+ntu park, 31.5.1990, Panga pank, 2.6.1990 (M. Koponen); and 4♀ from Poland (DAZH), Podlasie: Białowieża, 7.7.1988, Mielnik, 5.7.1988 (M. Koponen leg.).

Opius (Opiothorax) minusculae Fischer

Opius minusculae Fischer, 1967a: 328, ♀; 1971a: 88.

Opius (Opiothorax) minusculae; Fischer 1972: 442 (key), 458 (redescription); 1984a: 95 (key); 1995: 221 (key); Peydro 1983: 240.

Opius (Phaedrotoma) minusculae; Tobias 1986: 96.

Distribution. England, Finland (map 117), Hungary.

A new species to Finland.

Host. Diptera, Agromyzidae: *Phytomyza minuscula* Goureau.

Material examined. 1♂ from Finland (DAZH), N: Espoo, 25.7.1983 (M. Koponen leg.).

Opius (Opiothorax) mirabilis Fischer

Opius mirabilis Fischer, 1958f: 173, ♀♂; 1971a: 88.

Opius (Opiothorax) mirabilis; Fischer 1972: 441 (key), 459 (redescription); 1984a: 95; 1995: 221 (key).

Opius (Phaedrotoma) mirabilis; Tobias 1986: 94.

Distribution. Austria, Finland (map 118), France, Germany, Italy, Poland, Russia, former Yugoslavia, Armenia, Kazakhstan, Tunisia.

A new species to Finland and Poland.

Hosts. Diptera, Agromyzidae: *Liriomyza balcanica* Strobl, *Liriomyza* sp. on *Euphorbia nicaeensis* All.

Material examined. 1♂, 2♀ from Finland (DAZH), N: Nurmijärvi, 14.7.1979, 11.6.1988; Sa: Mikkelin mlk., 25.7.1976 (M. Koponen); and 1♀ from Poland (DAZH), Podlasie: Białowieża, 9.7.1988 (M. Koponen leg.).

***Opius (Opiothorax) nigricoloratus* Fischer**

Opius nigricoloratus Fischer, 1958f: 175, ♂; 1971a: 90; Hellén 1959: 22.

Opius (Opiothorax) nigricoloratus; Fischer 1972: 441 (Key), 462 (redescription); 1984a: 95; 1995: 221 (key); Papp 1979b: 349.

Opius (Phaedrotoma) nigricoloratus; Tobias 1986: 94.

Distribution. Denmark, Finland (map 119), Germany, Hungary, Italy; Mongolia.

Host. Unknown.

Material examined. 1 ♀ from Finland (MZH), N: Hoplax (R. Frey).

***Opius (Opiothorax) opacus* Fischer**

Opius opacus Fischer, 1968: 107, ♀; 1971a: 93.

Opius (Opiothorax) opacus; Fischer 1972: 442 (Key), 463 (redescription); 1984a: 95; 1995: 221 (key); Papp 1982c: 184.

Opius (Phaedrotoma) opacus; Tobias 1986: 96.

Distribution. Finland (map 120), Greece, Hungary, Moldova, Mongolia.

A new species to Finland.

Host. Unknown.

Material examined. 1 ♀ from Finland (DAZH), N: Nurmijärvi, 5.6.1986 (M. Koponen leg.).

***Opius (Opiothorax) soenderupianus* Fischer**

Opius soenderupianus Fischer, 1967a: 331, ♀; 1971a: 112.

Opius (Opiothorax) soenderupianus; Fischer 1972: 441 (Key), 467 (redescription); 1995: 220 (key).

Opius (Phaedrotoma) soenderupianus; Tobias 1986: 94 (key, distribution).

Distribution. Finland (map 121), Germany, Russia.

A new species to Finland.

Host. Diptera, Agromyzidae: *Cerodontha (Dizygomyza) caricicola* (Hering) = *soenderupi* (Hering).

Material examined. 20 ♀ from Finland (DAZH, MZH), Ab: Perniö, 6.8.1982 (M. Koponen); N: Espoo, 26.7.1983, Helsinki, 31.7.1982, Hyvinkää, 9.8.1985, Nurmijärvi, 5.9.1984, Sipoo, 30.8.1983 (M. Koponen); Ka: Ylämaa, 13.8.1987 (M. Koponen); Ta: Lammi, 27.8.1964 (M. Koponen); Sa: Mikkelin mlk., 3.8.1983, 25.7.1985, Ristiina, 25.7.1985, 19.7.1987 (M. Koponen); Tb: Rautalampi, 14.7.1983 (M. Koponen); Sb: Tervo, 18.7.1983 (M. Kopo-

nen); Kb: Liperi, 4.8.1983 (M. Koponen); Lkoc: Kittilä, Sirkka, Kätkätunturi, 7.7.1980 (J. Jalava & R. Väisänen leg.).

***Opius (Opiothorax) spretus* Haliday**

Opius spretus Haliday, 1837: 207, ♀ ♂; Fischer 1960: 91 (figs.); 1967a: 347; 1971a: 113.

Opius (Opiothorax) spretus; Fischer 1972: 441 (key), 469 (redescription); Papp 1981c: 141; Fischer 1984a: 95; 1995: 221 (key), 226, figs 7-9.

Opius (Phaedrotoma) spretus; Tobias 1986: 94 (key, distribution).

Opius clarus Haliday, 1837: 206, ♀. Synonymised by Fischer 1971a: 469.

Opius arenosus Szépligeti, 1898: 389, 401, ♀ ♂; Hellén 1959: 21; Fischer 1960: 82. Synonymised by Fischer 1971a: 469.

Opius spretus; van Achterberg 1997: 77 (*singularis* Wesmael as new synonym, but stated as valid name on page 78. The question is left open here).

Distribution. Austria, former Czechoslovakia, Denmark, England, Finland (map 122), Hungary, Ireland, Italy, Poland, Russia, Sweden, Switzerland, former Yugoslavia, North Korea.

A new species to Sweden.

Hosts. Diptera, Agromyzidae: *Agromyza abiens* Zetterstedt, *Agromyza ferruginosa* Wulp on *Symphytum officinale*, *Agromyza myosotidis* Kaltenbach and *Agromyza pseudorufipes* Nowakowski on *Myosotis laxa*, *Agromyza reptans* Fallén on *Urtica dioica*, *Agromyza rufipes* Meigen on *Myosotis palustris* and *Symphytum officinale*.

Material examined. 5 ♂, 11 ♀ from Finland (DAZH, MZH), N: Helsinki (R. Frey), 31.8.-1.9.1978, 16.8.-2.8.1979 (M. Koponen), Nurmijärvi, 22.6.1989, Porvoon mlk. 26.8.1979, 10.8.1980; Ta: Hattula, 11.7.1976; Sa: Mikkelin mlk., 10.8.1987, Ruokolahti, 2.7.1975; Kl: Rautjärvi, 29.6.1990; Kb: Tohmajärvi, 21.7.1982; Obb: Kemi, 6.7.1982 (M. Koponen); 1 ♂ from Sweden (DAZH), Vb: Brännland, 14.7.1980 (M. Koponen); and 1 ♂ from Poland (DAZH).

***Opius (Opiothorax) turcicus* Fischer**

Opius turcicus Fischer, 1960: 93, ♀ ♂; 1971a: 119.

Opius (Opiothorax) turcicus; Fischer 1972: 441 (key), 471 (redescription); 1984a: 95; 1995: 221 (key); Papp 1988: 59 (distribution).

Opius (Phaedrotoma) turcicus; Tobias 1986: 96 (key, distribution).

Distribution. Finland (map 123), France, Germany, Hungary, Netherlands, Crimea, Turkey, Algeria, India, Iraq, Israel, Jordan, Mongolia.

A new species to Finland.

Host. Diptera, Agromyzidae: *Agromyza lathyri* Hendel on *Pisum sativum*.

Material examined. 3♂ from Finland (DAZH, MZH), Al: Lumparland, 30.6.1984 (M. Koponen); Kl: Parikkala, 22.6.1940 (W. Hellén); Ok: Paltamo, 6.7.1991 (M. Koponen leg.).

Genus *Psyttalia* Walker

Psyttalia Walker, 1860: 311. Type species: *Psyttalia testacea* Walker.

Synonym of *Opius*; Fischer 1971a: 38.

Opius subgenus *Psyttalia*; Fischer 1972: 334.

Psyttalia; Wharton 1987: 63, 64.

Psyttalia carinata (Thomson, 1895)

This species was incorrectly reported from Finland (Hellén 1946). See *Psyttalia rhagoleticola* (Sachtleben).

Psyttalia concolor (Szépligeti)

Opius concolor Szépligeti, 1910: 244.

Opius fuscitarsis Szépligeti, 1913: 605, ♂. Synonymised by Fischer 1963b: 679.

Opius perproximus Silvestri, 1914: 103, ♀♂. Synonymised by Fischer 1963b: 679.

Opius (Psyttalia) concolor; Fischer 1972: 334 (key), 337 (redescription); Tobias 1986: 73 (key, distribution); Papp 1988: 58 (distribution).

Distribution. Finland (map 124), Greece, Italy, Spain, former Yugoslavia, Israel, Africa.

A new species to Finland.

Hosts. Diptera, Tephritidae: *Carpomyia incompleta* (Becker) on *Zizyphus sativa*, *Capparimyia savastanii* (Martelli), *Ceratitis capitata* (Wiedemann); *Dacus oleae* (Gmelin) on *Olea europea*. In Finland reared from *Euphranta connexa* (Fabricius) on *Cynachum vincetoxicum*. This is a new host.

Material examined. 1♀ from Finland (MZH), Al: Lemland, Marsö, 1948 (A. Nordman leg.).

Psyttalia rhagoleticola (Sachtleben)

Opius rhagoleticolus Sachtleben, 1934: 76, ♀♂; Fischer 1958b: 210.

Opius rhagoleticola; Fischer 1965a: 18; 1971a: 105.

Opius (Psyttalia) rhagoleticola; Fischer 1972: 334 (Key), 344 (redescription); Papp 1979: 88.

Opius (Psyttalia) rhagoleticolus; Tobias 1986: 73 (key, distribution).

Opius carinatus auct.; Hellén 1946: 132 (misidentified).

Distribution. Austria, former Czechoslovakia, Finland (map 125), France, Germany, Russia, Switzerland, former Yugoslavia, Armenia, Kazakhstan, Kirgizhia, Siberia.

A new species to Finland.

Hosts. Diptera, Tephritidae: *Rhagoletis cerasi* (Linnaeus) on *Cerasium avium* and *Lonicera* sp.

Material examined. 3♂, 6♀ from Finland (DAZH, MZH), N: Helsinki, 7.8.1990 (on *Lonicera* sp.), Porvoon mlk., 10.9.1980, Vantaa, 21.8.1991 (M. Koponen); Ta: Hauho, 16.8.1935 (M. Hellén), Sääksmäki, 10.7.1937, 6.-8.8.1938 (E. Kivirikko).

Genus *Eurytenes* Foerster

Eurytenes Foerster, 1862: 259. Type species: *Opius abnormis* Wesmael; Fischer 1972: 60, 472 (use of *Eurytenes* Foerster sensu auct. Olim, in new sense only *Eurytenes* s. str.); Fischer 1987: 549 (two Old World species).

Eurytenes, Fischer 1998: 21, 22. New interpretation.

Eurytenes abnormis (Wesmael)

Opius abnormis Wesmael, 1935: 117, ♀♂.

Eurytenes abnormis; Foerster, 1862: 259; Fischer 1959b: 248 (figs.); 1971a: 123; 1972: 473 (redescription); Tobias 1986: 96.

Distribution. Austria, Belgium, Croatia, Finland (map 126), Germany, Poland, Russia, Caucasus, North America.

A new species to Finland.

Hosts. Diptera, *Agromyza albitarsis* Meigen;

Agromyza sp. on *Holcus lanatus*, *Amauromyza lamii* Kaltenbach on *Lamiastrum galeobdolon*, *Cerodontha* (*Butomyza*) *angulata* (Loew) and *Cerodontha* (*Butomyza*) *eucaricis* Nowakowski on *Carex hirta*, *Cerodontha* (*Butomyza*) *caricivora* (Groschke) on *Carex hirta* and *Carex* sp., *Cerodontha* (*Dizygomyza*) *iraeos* (Robineau-Desvoidy) on *Iris pseudacorus*, *Cerodontha* (*Phytomyza*) *flavocingulata* (Strobl) on *Festuca pratensis* and *Holcus lanatus*, *Cerodontha* (*Poemyza*) *incisa* (Meigen) on *Alopecurus pratensis* and *Phleum pratense*, *Cerodontha* (*Poemyza*) *pygmaea* (Meigen) on *Dactylis glomerata* and *Deschampsia caesitosa*, *Liriomyza balcanica* (Strobl), *Liriomyza demeijerei* Hering on *Artemisia vulgaris*, *Liriomyza eupatoriana* Spencer on *Eupatorium cannabinum*, *Liriomyza flaveola* (Fallén) on *Festuca pratensis*, *Liriomyza scorzonerae* Rydén on *Scorzonera humilis*, *Phytoliriomyza variegata* (Meigen), *Phytomyza abdominalis* Zetterstedt on *Hepatica nobilis*, *Phytomyza albimargo* Hering, *Phytomyza fallaciosa* Brischke on *Ranunculus repens*, *Phytomyza obscura* Hendel on *Clinopodium vulgare*, *Phytomyza pulmonariae* Nowakowski on *Pulmonaria angustifolia*, *Phytomyza senecionis* Kaltenbach on *Senecio nemorensis*, *Amauromyza* (*Trilobomyza*) *labiatarum* (Hendel) on *Galeopsis tetrahit*, *Amauromyza* (*Trilobomyza*) *verbasci* (Bouché).

Material examined. 1 ♀ from Finland (DAZH), Ta: Lammi, 6.7.1976 (M. Koponen leg.).

Eurytenes campanariae (Fischer)

Opius campanariae Fischer, 1959i: 82, ♂.

Opius (*Cryptonastes*) *campanariae*; Fischer 1972: 179 (key), 183 (redescription); Tobias 1986: 43 (key, distribution).

Opius (*Jucundopius*) *campanariae*; Fischer 1984b: 34.

Eurytenes campanariae; Fischer 1998: 25, (nov. comb.).

Distribution. Austria, the Canary Islands (Tenerife), former Czechoslovakia, Finland (map 127), Hungary, Poland, Russia, Armenia, Kazakhstan, Mongolia.

A new species to Finland and the Canary Islands.

Hosts. Diptera, Agromyzidae: *Phytoliriomyza melampyra* (Loew) = *impatiens* (Brischke) on

Impatiens noli-tangere, *Phytomyza campanariae* Nowakowski on *Pulsatilla pratensis*.

Material examined. 1 ♂ and 1 ♀ from Finland (DAZH), N: Nurmijärvi, 1.9.1979 (M. Koponen); Le: Enontekiö, Kälpijärvi, 7.7.1966 (Karvonen leg.); 1 ♂ and 1 ♀ from Russia (MZH), Murmansk region: Gavrilova, 21.-27.7.1913, Pummanki, 1930 (W. Hellén leg.), and 1 ♂ from the Canary Islands (DAZH), Tenerife: Sta Ursula, La Quinta, 8.12.1993 (M. Koponen leg.).

Eurytenes cubitalis (Fischer)

Opius cubitalis Fischer, 1959g: 71, ♀ ♂; 1971a: 58.

Opius (*Nosopoea*) *cubitalis*; Fischer 1972: 291 (key), 308 (redescription).

Opius (*Allotypus*) *cubitalis*; Tobias 1986: 65.

Opius (*Stigmatopoea*) *cubitalis*; Fischer 1986: 611.

Eurytenes cubitalis; Fischer 1998: 25 (nov. comb.).

Distribution. Austria, Bulgaria, Finland (map 128), Poland, Japan, North Korea.

A new species to Finland.

Host. Unknown.

Material examined. 1 ♂ from Finland (MZH), St: Reposari, 26.8.1966 (V. Lauro leg.); and 1 ♂, 3 ♀ from Poland (DAZH), Bialowieza, 7.-8.7.1988 (M. Koponen leg.).

Eurytenes impatientis (Fischer)

Opius impatientis Fischer, 1957c: 338, ♀; 1971a: 74.

Opius (*Cryptonastes*) *impatiens*; Fischer 1972: 179 (key), 193 (redescription, ♀ ♂); Tobias 1986: 45 (key, distribution).

Opius (*Jucundopius*) *impatiens*; Fischer 1984b: 34 (key).

Eurytenes impatientis; Fischer 1998: 25, nov. comb.

Distribution. Austria, the Canary Islands, former Czechoslovakia, Finland (map 129), Italy, Poland, Russia, Armenia, Kazakhstan, Kirgisia.

A new species to Finland and the Canary Islands.

Hosts. Diptera, Agromyzidae: *Agromyza johanna* de Meijere on *Cytisus scoparius*, *Phytoliriomyza melampyra* (Loew) = *impatiens* (Brischke), *Paraphytomyza luteoscutellata* (de Meijere) = *xylostei* (auct.).

Material examined. 1 ♀ from Finland (DAZH), N: Kirkkonummi, 23.7.1991 (M. Koponen), 2 ♀ from Poland (DAZH), Bialowicza, 7.7.1988 (M. Koponen); and 1 ♀ from the Canary Islands (DAZH), Tenerife: Sta Ursula, La Quinta, 8.12.1993 (M. Koponen leg.).

Eurytenes leptostigma (Wesmael)

Opius leptostigma Wesmael, 1835: 138, ♀; Hellén 1959: 22; Fischer 1971a: 81.

Opius leptostigmus, Marshall 1891: 22, ♀ ♂.

Opius (*Allotypus*) *leptostigma*, Thomson 1895: 2187.

Opius (*Opiostomus*) *leptostigma*; Fischer 1972: 75 (redescription); 1986: 613 (key); Zaykov & Fischer 1983: 44; Tobias 1986: 23 (key, distribution).

Eurytenes leptostigma Wesmael; Fischer 1998, 23, nov. comb.

Distribution. Austria, former Czechoslovakia, Denmark, Finland (map 130), France, Germany, Hungary, Kazakhstan (Akmolinsk), Russia (Leningrad region), Sweden.

Host. Doubtful record of a fly, family Phoridae: "*Phora tuberorum* Goureau" (= "*Phora tuberum*").

Material examined. 15 ♂ 33 ♀ from Finland (DAZH, MZH), Ab: Pargas = Parainen (Ingelius), Pojo, Åminne, 14.7.1965 (M. Meinander), Åbo = Turku (Ingelius), Nystad = Uusikaupunki, 12.-22.6.1916, 6.9.1920 (M. Hellén); N: Hanko, 1931 (W. Hellén), 17.6.1980 (M. Koponen), Helsinki, 28.6.1966 (I. Jalas), 19.8.1976, 15.8.1978, 15.6.1980 (M. Koponen), Nurmijärvi, 6.9.1986, 25.8.1987, Porvoon mlk., 26.8.1979, Sipoo, 31.8.1982 (M. Koponen), Ekenäs = Tammisaari (W. Hellén), Lappvik = Tammisaari, Lappohja (A. Berg), Vantaa, 24.8.1979 (M. Koponen); St: Vammala, 28.6.1993 (M. Koponen); Ta: Janakkala, 24.8.1980, Jämsä, 7.7.1982 (M. Koponen), Kangasala, 22.6.1938 (A. Saarinen), Lahti, 9.6.1978, Lammi, 12.-14.7.1976 (M. Koponen); Sa: Mikkelin mlk., 15.6.1975, 14.-15.8.1976, 29.7.1980, 5.9.1981 (M. Koponen); Kl: Parikkala, 14.6.1940 (W. Hellén); Tb: Keuruu, 3.8.1928 (W. Hellén), Rautalampi, 17.7.1983 (M. Koponen); Kb: Kesälahti, 17.7.1982, Tohmajärvi, 19.7.1982 (M. Koponen); Om: Pietarsaari 30.6.1978, Pyhäntä, 16.8.1982 (M. Koponen); Ok: Kuhmo, 7.7.1980 (M. Koponen); Oba: Hailuoto, 27.6.1908 (Wuorentaus), and 1 ♀ from Russia, Leningrad region: Terijoki, 8.1927 (W. Hellén).

Eurytenes macrocerus (Thomson)

Opius (*Allotypus*) *macrocerus* Thomson, 1895: 2186, ♀ ♂; Tobias 1986: 63.

Opius macrocerus; Fischer 1959g: 58; 1971a: 84; Hellén 1959: 22.

Opius (*Nosopoea*) *macrocerus*; Fischer 1972: 291 (key), 316 (redescription).

Opius (*Stigmatopoea*) *macrocerus*; Fischer 1986: 611.

Eurytenes macrocerus; Wharton 1988: 357 (new combination); Fischer 1998.

Opius hians Stelfox, 1949: 306, ♀ ♂. Synonymised by Fischer 1959g: 59.

Distribution. Austria, former Czechoslovakia, Finland (map 131), France, Germany, Hungary, Ireland, Poland, Romania, Russia, Japan, U.S.A. (Mich.).

Hosts. Diptera, Agromyzidae: *Agromyza pre-spans* Spencer on *Elymus* (= *Agropyron*) *repens*; Tephritidae: *Trypeta immaculata* Macquart.

Material examined. 10 ♂, 15 ♀ from Finland (DAZH, MZH), Ab: Vichtis = Vilti (R. Frey), 30.6., 4.-9.8.1962, 17.7., 26.8.1964, 20.7.1965 (V. J. Karvonen); N: Esbo = Espoo (R. Frey), 7.9., 24.9.1978 (M. Koponen), Helsinki, 4.9.1978 (M. Koponen), Kirkkonummi, 10.8.1963 (V. J. Karvonen), Nurmijärvi, 21.8.1987 (M. Koponen), Pernä = Pernaja, 16.-18.8.1944 (Å. Nordström), Sibbo, Gesterby, 22.-28.8.1983 (A. Albrecht); Ta: Korpilahti, 20.8.1986 (M. Koponen); Sa: Ristiina, 23.7.1977, 6.8.1978 (M. Koponen); Oa: Lappfjärd, 30.7.1959 (G. Nordström); Sb: Joroinen, 9.8.1982 (Y. Zhongqi leg.).

Eurytenes vockerothi (Fischer)

Opius vockerothi Fischer, 1964a: 348, ♀ ♂.

Opius (*Cryptonastes*) *vockerothi*; Fischer 1972: 179 (key), 204 (redescription, syn.); Tobias 1986: 43.

Opius (*Jucundopius*) *vockerothi*; Fischer 1984b: 34.

Eurytenes vockerothi; Fischer 1998: 25, new combination.

Opius brusceanus Fischer, 1967a: 325, ♀. Synonymised by Fischer 1972: 204.

Distribution. Austria, Finland (map 132), Germany, North Korea, Canada, U.S.A..

A new species to Finland.

Host. Diptera, Agromyzidae: *Liriomyza bruscae* Hering on *Equisetum arvense*.

Material examined. 2 ♂ 8 ♀ from Finland (DAZH, MZH), N: Helsingfors = Helsinki, 10.7.1971 (W. Hellén), 26.7.1976, 8.6.1979 (M. Koponen), Nurmijärvi, 30.6.1987, 17.7.1994, Tammisaari, 17.6.1980 (M. Koponen); Oba: Kuivaniemi (7273:417), 18.7.1980 (M. Koponen); Ks: Kuusamo, 19.8.1965 (M. Meinander); Lkor: Sodankylä, 11.8.1983 (M. Koponen); Li: Inari, 6.7.1989 (M. Koponen leg.).

Genus *Biosteres* Foerster

Biosteres Foerster, 1862: 259. Type species: *Bracon carbonarius* Nees.

Remark. van Achterberg (1997) follows a different definition of the taxa *Biosteres*, *Chilotrichia* and *Zetetes*. We follow here the old conventional interpretation as used by Fischer. The same remark for the following *Biosteres* with author Haliday.

Subgenus *Chilotrichia* Foerster

Chilotrichia Foerster, 1862: 258. Type species: *Opius blandus* Haliday.

***Biosteres (Chilotrichia) bicolor* (Wesmael, 1835)**

Specimens reported from Finland (Hellén 1946) are misidentified, see *B. magnicornis*. This species is deleted from lists for Finland.

***Biosteres (Chilotrichia) blandus* (Haliday)**

Opius blandus Haliday, 1836: 220, ♀ ♂;

Chilotrichia blandus; Foerster 1862: 258.

Biosteres blandus; Marshall 1891: 54, ♀; Hellén 1946: 133; Fischer 1971a: 21.

Opius (Biosteres) blandus; Fischer 1959a (figs.).

Biosteres (Chilotrichia) blandus; Fischer 1972: 487 (key), 494 (redescription); Papp 1979d: 231.

Opius (Chilotrichia) blandus; Tobias 1986: 14. *Chilotrichia blanda*; van Achterberg 1997: 19 (new combination, not regarded here).

Distribution. Austria, former Czechoslovakia, Denmark, England, Finland (map 133), France, Germany, Hungary, Ireland, Italy, Russia, Sweden, Switzerland, Mongolia.

Host. Diptera, Agromyzidae: *Agromyza* sp. on *Vicia sylvatica*.

Material examined. 35 ♂, 19 ♀ from Finland (DAZH, MZH), Ab: Lohjan kunta, 29.5.1992 (M. Koponen), Vihti, 17.6.1952, 6.6.1964 (V. J. Karvonen); N: H:fors = Helsinki, 7.1941 (A. Nordman), 28.6.1976, 6.6.1980, 18.5.1983 (M. Koponen), 2.6.1977 (Eila Karvonen), Helsing, Hoplax, 28.5.1916 (M. Hellén), Kirkkonummi, 20.6.1975 (V. J. Karvonen), Munksnäs (W. Hellén), Nurmijärvi, 25.5.1988, 19.5.1990, 31.5.1992, 15.5.1993 (M. Koponen), Sibbo, Nevas, 1.-7.6.1986 (A. Albrecht), Sipoo, 24.5.1983 (M. Koponen), Tammisaari, 20.5.1984 (M. Koponen), Tikkurila, 4.6.1922 (J. Listo); Ka: Virolahti, 1.-6.7.1971 (Karvonen); St: Ahlainen, 1.6.1959 (V. Lauro); Ta: Hartola (L. von Es-

sen), 10.6.1987 (M. Koponen), Hattula (L. von Essen), Hämeenlinna, 7.6. 1980, Janakkala, 30.5.1982, Lammi, 7.6.1980 (M. Koponen), Sääksmäki 17.6.1921 (W. Hellén); Sa: Mikkelin mlk., 10.6.1978, 5.6.1983 (M. Koponen), Rantasalmi, 1.7.1941 (I. Hellén), 15.7.1941 (S. Hellén), Ristina, 1.6.1980, 5.6.1982, 4.-5.6. 1983, 23.6.1985, 3.6.1989 (M. Koponen); Kl: Parikkala, 7.-9.6.1940 (W. Hellén); Kb: Pyhäselkä, Hammaslahti, 8.6.1927, 3.6.1928 (P. Kont-kanen); Om: Pietarsaari, 2.7.1981 (M. Koponen); and 1 ♀ from Russia (MZH), Murmansk region.

***Biosteres (Chilotrichia) borealis* (Zetterstedt)**

Bracon borealis Zetterstedt, 1838: 400.

Opius borealis: Papp 1994: 304.

Opius brevivalpis Thomson, 1895: 2191, ♂; Hellén 1959: 21. Synonymised by Papp 1994.

Opius (Biosteres) brevivalpis; Fischer 1959a: 11 (redescription).

Biosteres brevivalpis; Fischer 1971a: 21.

Biosteres (Chilotrichia) brevivalpis; Fischer 1972: 488 (key), 496 (redescription); Papp 1979: 91.

Opius (Chilotrichia) brevivalpis; Tobias 1986: 14. *Biosteres castaneiventris* auct., Hellén 1946: 133 (misidentified).

Distribution. Austria, former Czechoslovakia, Denmark, Finland (map 134), Germany, Lithuania, Russia, Sweden.

Host. Diptera, Anthomyiidae: *Pegomya* sp. *esuriens*-group on *Beta vulgaris*.

Material examined. 1 ♂ from Finland (MZH), St: Reposaari, 11.9.1950 (V. Lauro); and 2 ♂ from Russia, Karelia (MZH).

***Biosteres (Chilotrichia) clypealis* (Thomson)**

Opius clypealis Thomson, 1895: 2202, ♀; Fischer 1964b: 258, new ♂).

Opius (Biosteres) clypealis; Fischer 1959a: 14.

Biosteres clypealis; Fischer 1969b: 83; 1971a: 23.

Biosteres (Chilotrichia) clypealis; Fischer 1972: 487 (key), 498 (redescription).

Opius (Chilotrichia) clypealis; Tobias 1986: 11.

Distribution. Denmark, Finland (map 135), France, Germany, Latvia, Lithuania, Russia (Karelia), Armenia.

Host. Unknown species on *Datura* sp.

Material examined. 2 ♂, 4 ♀ from Finland (DAZH, MZH), Ab: Vihti, 25.6.1966 (V. J. Karvonen); N: Hangö = Hanko (A. Berg), Tvärminne (B. Poppius); St: Yläne, 6.7.1872 (J. Sahlberg); Ta: Hattula (L. v. Essen); Oa: Solf = Sulva, 4.7. 1940 (Håkan Lindberg); and 1 ♂ from Russia (MZH), Karelia: Soutjärvi, 4.10.1942, reared from Diptera, *Pegomya* sp. or *Rhagoletis* sp. (L. Tiensuu).

Biosteres (Chilotrichia) haemorrhoeus (Haliday)

Opius haemorrhoeus Haliday, 1836: 219, ♀ ♂;
Biosteres haemorrhous; Marshall 1891: 53, ♀ ♂;
 Hellén 1946: 133; Fischer 1971a: 25.

Opius (Biosteres) haemorrhoeus; Fischer 1959a: 20.

Biosteres (Chilotrichia) haemorrhoeus; Fischer 1972: 488 (key), 500 (redescription).

Opius (Chilotrichia) haemorrhoeus; Tobias 1986: 14 (key, distribution).

Biosteres (Zetetes) haemorrhoeus; van Achterberg 1997: 45.

Opius castaneiventris Thomson, 1895: 2201, ♀ ♂;
 Fischer 1959a: 13. Synonymised by Fischer 1971a: 25.

Distribution. Austria, Belgium, Corsica, former Czechoslovakia, Denmark, England, Finland (map 136), France, Germany, Hungary, Ireland, Poland, Russia, former Yugoslavia, Georgia, East of Lake Baikal, North America.

Host. Diptera, Anthomyiidae: *Pegomya bicolor* (Hoffmannsegg in Wiedemann), *Pegomya holostea* (Hering) on *Stellaria holostea*, *Pegomya nigritarsis* (Zetterstedt) on *Rumex* sp. Unknown host on *Chenopodium polyspermum*.

Material examined. 4♂, 1♀ from Finland (DAZH, MZH), N: Helsinki, 29.6., 6.9.1980 (M. Koponen), Tikkurila, 24.6.1924 (Agricultural Research Centre, Department of Pest Investigation); Ta: Tammela (Helenius leg.); 2♂, 1♀ from Russia (MZH), Leningrad region: Sakkola, 13.5.1920 (W. Hellén), Vyborg, 22.6.1920 (E. Thuneberg); Karelia: Valamo (Woldstedt leg.); 1♂ from Poland (DAZH), Bialowieza, 8.7.1988 (M. Koponen); and 1♂ from Georgia (DAZH), Batumi, 9.7.1977 (M. Koponen leg.).

Biosteres (Chilotrichia) punctiscuta (Thomson)

Opius punctiscuta Thomson, 1895: 2204, ♀;

Opius punctiscutis; Marshall 1898: 316, ♀.

Opius (Biosteres) punctiscuta; Fischer 1959a: 21.
Biosteres punctiscuta; Fischer 1971a: 29; Papp 1979a: 92.

Biosteres (Chilotrichia) punctiscuta; Fischer 1972: 488 (key), 505 (redescription); Papp 1979: 92; Fischer 1984a: 128.

Opius (Chilotrichia) punctiscuta; Tobias 1986: 16 (key).

Opius moldavicus Jakimavicius, 1977: 86. Synonymised by Papp 1979a and Fischer 1984a: 128.

Distribution. Denmark, Finland (map 137),

France, Hungary, Moldova.

A new species to Finland.

Host. Unknown.

Material examined. 1♂, 2♀ from Finland (DAZH), Ab: Turku, 19.5.1979; N: Helsinki, 16.8.1979 (M. Koponen leg.).

Biosteres (Chilotrichia) rusticus (Haliday)

Opius rusticus Haliday, 1837: 218; Hellén 1959: 22.

Biosteres rusticus; Marshall 1891: 54; Fischer 1971a: 30.

Opius (Biosteres) rusticus; Fischer 1959a: 23 (redescription).

Biosteres (Chilotrichia) rusticus; Fischer 1972: 488 (key), 508 (redescription).

Opius (Chilotrichia) rusticus; Tobias 1986: 15 (key, distribution).

Biosteres (Zetetes) rusticus; van Achterberg 1997: 75.

Distribution. Austria, former Czechoslovakia, Denmark, England, Finland (map 138), France, Germany, Ireland, Russia (European part, Altai, Far East), Switzerland.

Hosts. Diptera, Anthomyiidae: *Delia echinata* Séuguy on *Dianthus barbatus*, *Pegomya* sp. *esuriens* group, *Phorbia* sp. on *Cerastium holosteoides*.

Material examined. 34♂, 40♀ from Finland (DAZH, MZH), Al: Lemland, 13.8.1953, 12.6.-28.7.1954 (Waselius); Ab: Bromarv, 11.-18.8.1953 (R. Grönblom), Nauvo, Sandö, 19.7.1978 (M. Koponen), Vichtis = Vihti (R. Frey); N: Esbo = Espoo (R. Frey), Helsinki, 14.8.1975, 30.8.1976, 10.6., 11.-18.7.1979, 9.6.1980, 28.7.1981, 27.9.1983, 29.9.1987 (M. Koponen), Kirkkonummi, 8.8.1954 (V. J. Karvonen), Nurmijärvi, 1.9.1975, 16.5., 14.7., 18.8., 1.-2.9.1979, 24.8.1980 (M. Koponen), Sibbo, 22.-28.8.1983, 19.-31.8.1985, 29.5.-5.6.1989 (A. Albrecht), Tikkurila, 27.6.1920, 24.6.1922 (Y. Hukkinen), Tvärminne, 25.6.1951 (P. Palmgren), Vantaa, 2.9.1977, 5.9.1978, 7.9.1979 (M. Koponen); St: Reposaari, 18.9.1950, 9.7., 27.8.1951, 9.8.-7.9.1954 (V. Lauro); Ta: Janakkala, 12.9.1982 (M. Koponen), Kangasala, 19.6.1938 (A. Saarinen), Lahti, 15.8.1980, Nastola, 18.9.1977, Sysmä, 22.9.1978 (M. Koponen); Sa: Imatra, 8.-11.6.1956 (Håkan Lindberg), Mäntyharju, 5.9.1981, Mikkelin mlk., 22.8.1975, 18.7.1987, 4.8.1989 (M. Koponen); and 2♂ from Russia (MZH), Leningrad region: Kuolemajärvi, 19.-20.7.1898 (T. H. Järvi), 8.6.1930 (Ivaschnikoff leg.).

Biosteres (Chilotrichia) scabriculus (Wesmael)

Opius scabriculus Wesmael, 1835: 154; Hellén 1959: 22.

Biosteres scabriculus; Marshall 1891: 55; Fischer 1971a: 30.

Opius (Biosteres) scabriculus; Fischer 1959a: 25.
Biosteres (Chilotrichia) scabriculus; Fischer 1972: 487 (key), 510 (redescription); 1995: 236, figs 28-31.

Opius (Chilotrichia) scabriculus; Tobias 1986: 11.

Distribution. Belgium, former Czechoslovakia, Finland (map 139), Germany, Hungary, Ireland, Russia.

Host. Unknown.

Material examined. 3♂, 3♀ from Finland (DAZH, MZH), N: H:fors = Helsinki, 2.10.1961 (A. Nordman), Nurmijärvi, 22.9.1974, 3.10.1982 (M. Koponen); St: Reposaari, 6.10.1950 (V. Lauro); Sa: Mikkelin mlk., 6.8.1993 (M. Koponen); Ks: Kuusamo, 3.7.1979 (M. Koponen leg.).

Biosteres (Chilotrichia) sylvaticus (Haliday, 1836)

Biosteres (Zetetes) sylvaticus; van Achterberg 1997:79.

This species was reported by Hellén (1946) from Finland, but the specimens in the MZH with this name were misidentified. This species is deleted from the Finnish list.

Biosteres (Chilotrichia) ultor (Foerster)

Zetetes ultor Foerster, 1862: 258.

Opius (Biosteres) ultor; Fischer 1957a: 52, ♂; 1959a: 31.

Biosteres ultor; Fischer 1971a: 32.

Biosteres (Chilotrichia) ultor; Fischer 1972: 487 (key), 516 (redescription); 1983: 36.

Opius (Chilotrichia) ultor; Tobias 1986: 11.

Distribution. Austria, Belgium, former Czechoslovakia, Denmark, England, Finland (map 140), Germany, Hungary, Ireland.

Host. Unknown. In Finland reared from sample of *Rumex* sp. by E. O. Peltonen.

Material examined. 2♂, 2♀ from Finland (DAZH, MZH), N: Helsinki, reared 19.12.1977 (E. O. Peltonen), Nurmijärvi, 11.6.1983 (M. Koponen); Ta: Tammela (Helenius); Kb: Liperi, 3.7.1994 (M. Koponen leg.).

Biosteres (Chilotrichia) wesmaelii (Haliday)

Opius carbonarius Wesmael, 1835: 152 (not *Bracon carbonarius* Nees, 1834); Hellén 1959: 21.

Biosteres carbonarius; Hellén 1946: 133; Fischer 1974: 85.

Opius Wesmaelii Haliday, 1837: 219; Fischer 1959a: 31.

Opius wesmaeli; Hellén 1959: 22.

Biosteres wesmaelii; Marshall 1891: 55, ♀♂; Fischer 1967b: 161; 1971a: 32.

Biosteres (Chilotrichia) wesmaelii; Fischer 1972: 487 (key), 517 (redescription); 1981a: 129.

Opius (Chilotrichia) wesmaelii; Tobias 1986: 13.
Biosteres (Zetetes) wesmaelii; van Achterberg 1997: 89, 90.

Opius jonaitisi Jakimavicius, 1977: 86. Synonymised with *wesmaelii* by Fischer 1981a: 129.

Distribution. North, west and central Europe, including Finland (map 141), North America.

Hosts. Diptera, Anthomyiidae: *Delia quadripila* (Stein) on *Honckenya peplodes*; *Pegomya betae* (Curtis) and *Pegomya hyoscyami* (Panzer) on *Beta vulgaris*, *Pegomya hyoscyami* or *Muscina stabulans* Fabricius on *Hyoscyamus niger*, *Pegomya nigritarsis* (Zetterstedt), *Pegomya setaria* (Meigen). In Finland reared from *Pegomya hyoscyami* by J. Listo.

Material examined. 42♂, 45♀ from Finland (DAZH, MZH), Al: Lemland, 8.8.1953 (W. Hellén), Lemland, Flaka, 13.8.1953 (Håkan Lindberg); Ab: Pojo, Äminne, 14.7.1965 (M. Meinander), Runsala = Turku, Ruissalo (Ingelius), Nystad = Uusikaupunki, 5.8.-17.9.1914, 13.-15.8.1920, 1.7.1921, Vichtis = Vihti (R. Frey), 1929 (J. Listo); N: Esbo = Espoo, 1.6.1916 (M. Hellén), Hanko, 17.6.1980 (M. Koponen), Helsinki, 16.6.-31.7.1915 (W. Hellén), H:fors = Helsinki (W. Nylander, W. Hellén), 24.8.1977, 10.6.1979, 26.6., 26.7., 6.9.1980 (M. Koponen), Munksnäs = Munkkiniemi (R. Frey), Nurmijärvi, 16.5.1979, 23.8.1980, 17.7.1981, 14.-17.8.1985, 14.8., 21.9.1989, 26.7.1992 (M. Koponen), Strömfors, 8.6.1974 (A. Albrecht), Tikkurila, 24.6.1922 (Y. Hukkinen), Tvärminne (A. Nordman), 6.-10.7.1914 (W. Hellén), 17.6.1966 (V. Varis), Vantaa, 13.8.1977, 5.9.1978, 6.8.1980 (M. Koponen); Ka: Kymi, 1929 (J. Listo), Sippola, 11.6.1978 (M. Koponen); St: Eurajoki, 17.8.1920 (E. Kalervo), Reposaari, 24.7.1950 (V. Lauro); Ta: Asikkala, 1925 (Nurminen), Hartola, 11.6.1987 (M. Koponen), Hattula (L. von Essen), Janakkala, 19.8.1979, Kärkölä, 15.8.1974 (M. Koponen), Tammela (Helenius), Tammerfors = Tampere (Woldstedt), Ylöjärvi, 1.8.1937 (S. Saarinen); Sa: Luumäki, 2.7.1975, Mikkelin mlk., 12.6.1977, 15.8.1981, 24.6.1988, 3.6.1989, Ristiina, 20.6.1980 (M. Koponen); Oba: Ii, 20.7.1980 (M. Koponen), Oulu (Wuorentaus); Le: Enontekiö, Kilpisjärvi, 8.7.1949 (Grönvall, A. Nordman), Enontekiö, Saana (T. Grönblom); 2♀ from Sweden (MZH); 2♂, 4♀ from Russia (MZH), Leningrad and Murmansk regions; 3♂, 2♀ from Estonia (DAZH); and 1♀ from Poland (DAZH).

Subgenus *Biosteres* Foerster, s. str.

Biosteres Foerster, 1862: 259.

Rhabdospilus Foerster, 1862: 259. Type species: *Opius placidus* Haliday.

***Biosteres (Biosteres) brevisulcus* (Thomson)**

Opius brevisulcus Thomson, 1895: 2203; Hellén 1959: 21.

Opius (Biosteres) brevisulcus; Fischer 1959d: 520; Tobias 1986: 19 (key, distribution).

Biosteres brevisulcus; Fischer 1969: 49 (figure); 1971a: 22; 1974: 85.

Biosteres (Biosteres) brevisulcus; Fischer 1972: 523 (redescription); Papp 1979a: 91; 1979d: 234.

Opius melanosoma Szépliegti, 1896: 318, 384, ♀ ♂. Synonymised by Papp 1979a.

Distribution. Austria, Finland (map 142), Russia (Leningrad region, Hellén 1959), Sweden, former Yugoslavia, Russian Far East (Kamchatka).

Host. Unknown.

Material examined. 4♂, 4♀ from Finland (DAZH, MZH), Ab: Nauvo, Seili, 20.7.1978 (M. Koponen), Åbo = Turku, 10.6.1919 (W. Hellén); N: Elimäki, 16.6.1984 (M. Koponen); St: Suoniemi, 23.6.1950 (A. Saarinen); Ta: Loppi, 12.7.1991 (M. Koponen); Ks: Kuusamo, 2.7.1979 (M. Koponen); and Russia (MZH): Kamchatka, 20.7.1917 (Y. Wuorentaus).

***Biosteres (Biosteres) carbonarius* (Nees)**

Bracon carbonarius Nees, 1834: 58, ♀ ♂.

Biosteres carbonarius; Foerster 1862: 259; Fischer 1971a: 22.

Opius carbonarius; Hellén 1959: 21.

Opius (Biosteres) carbonarius; Fischer 1959d: 523 (redescription).

Biosteres (Biosteres) carbonarius; Fischer 1972: 523 (key), 525 (redescription); van Achterberg 1975: 175; Papp 1981c: 139.

Opius (Biosteres) carbonarius; Tobias 1986: 17.

Opius procerus Wesmael, 1835: 156, ♂; Synonymised by Fischer 1959d: 523. Wharton 1987: 67.

Biosteres procerus; Hellén 1946: 133.

Opius impressus Wesmael, 1835: 157, ♂. Synonymised with *carbonarius* by van Achterberg 1975.

Biosteres impressus; Marshall 1891: 52, ♀ ♂; Fischer 1971a: 25; 1974: 85.

Biosteres (Biosteres) impressus; Fischer 1972: 522 (key), 530 (redescription).

Distribution. England, Finland (map 143), Ireland, Central Europe, former Yugoslavia, Russia (European part, Kamchatka), Japan, North Korea, North America.

Hosts. Diptera, Anthomyiidae: *Pegomya betae* (Curtis) and *Pegomya hyoscyami* (Panzer) on *Beta vulgaris*, *Pegomya nigritarsis* (Zetterstedt) on *Rumex acetosa*, *Pegomya nigrisquama* (Stein) on *Solidago virgaurea*, *Pegomya steini* Hendel, *Delia antiqua* (Meigen), *Delia brassicae* (Hoffmannsegg in Wiedemann).

Material examined. 53♂, 68♀ from Finland (DAZH, MZH), Al: Lemland, 13.8.-18.9.1953 (Wegelius), Mariehamn, 9.7.1968 (W. Hellén); Ab: Nagu, 10.1953 (Th. Clayhills), Vichtis = Vihti (R. Frey); N: Hangö = Hanko, 1931, 20.7.1969 (W. Hellén), 20.8.1978, 17.6.1980 (M. Koponen), 14.-26.6.1989, 9.-20.8.1990 (A. Albrecht), Helsingin pit., 1951 (I. Jalas), H:fors = Helsinki (R. Frey), 23.9.1915, 18.7.1918 (W. Hellén), 11.9.1976, 15.-18.9.1978, 11.-12.7., 8.10.1979, 14.-26.6.1980, 15.6.1981 (M. Koponen), Inkoo, 5.7.1941 (A. Saarinen), 24.5.1989 (M. Koponen), Nurmijärvi, 25.6.1978, 16.5., 14.7.1979, 7.8.1980, 11.6.1983, 11.6.1986, 19.6.1987, 2.6.1992, Fredriksb. = Helsinki, Pasila (R. Frey), Pernå = Pernaja, 15.6.1960 (Å. Nordström), Sibbo = Sipoo, 13.8.1977 (M. Koponen), 23.6.-31.8.1985, 22.6.-13.7.1986, 14.-22.9.1989 (A. Albrecht), Ekenäs = Tammisaari, 29.6.1948 (Håkan Lindberg), Tikkurila, 24.6.1922 (Y. Hukkinen), Vantaa, 22.8.1978, 6.8.1980 (M. Koponen); Ka: Vehkalahti, 14.8.1953 (Fagerström); St: Karkku, 6.6.-3.7.1914 (W. Hellén), Merikarvia, 26.6.1978 (M. Koponen), Reposaari, 7.8., 18.9.1950, 27.7.1954 (V. Lauro); Ta: Aitolahti, 21.6.1932 (A. Saarinen), Hartola, 11.6.1987 (M. Koponen), Hattula (L. von Essen), Hämeenlinna, 4.6.1921 (Y. Hukkinen), Jokioinen, 20.6.1982, Lammi, 12.-15.7.1976 (M. Koponen), Messuby = Tampere, Messukylä (R. Frey), Ruovesi, 22.6.1931 (V. Saarinen), Sääksmäki, 17.6.1931 (E. Kivirikko); Sa: Imatra, 11.6.1920 (E. Thuneberg), 16.8.1954 (O. Nybom), Mikkelin mlk., 22.8.1975, Mäntyharju, 2.6.1989 (M. Koponen), Rantasalmi, 15.7.1941 (S. Hellén), Ristiina, 23.6.1979, 21.6.1985, 4.7.1987, 3.6.1989 (M. Koponen); Kl: Parikkala, 15.6.1940 (W. Hellén); Tb: Laukaa (Woldstedt); Sb: Nilsä, 17.6.1988 (M. Koponen); Kb: Liperi, 17.6.1988, 2.7.1994 (M. Koponen); Ok: Paltamo, 6.7.1991, Ristijärvi, 3.7.1991 (M. Koponen), Suomussalmi (Sorsakoski), 29.6.1991 (M. Koponen); Obb: Simo, 17.7.1980 (M. Koponen); 8♂ 3♀ from Russia (MZH), Leningrad region, Karelia, Murmansk region; 1♀ from Estonia, Saaremaa: Viidumägi, Tammiku, 1.6.1990 (M. Koponen); 2♀ from Norway (MZH), Sarek (B. Poppius), Dovre, 11.7.1953 (W. Hellén); 1♂ 2♀ from Poland (DAZH); and 1♂ from Austria (MZH), Nassfeld, 1870 (J. A. Palmén leg.).

***Biosteres (Biosteres) caudatulus* (Thomson)**

Opius caudatulus Thomson, 1895: 2204, ♀; Hellén 1959: 21.

Biosteres caudatulus; Hellén 1946: 134; Fischer 1967a: 334; 1971a: 22.

Opius (Biosteres) caudatulus; Fischer 1959d: 526; Tobias 1986: 20.

Biosteres (Biosteres) caudatulus; Fischer 1972: 523 (key), 527 (redescription); 1995: 219 (fig), 232.

Biosteres longicauda; Hellén 1946: 133, misidentified.

Distribution. former Czechoslovakia, Denmark, Finland (map 144), Russia, Sweden, Switzerland.

Hosts. Diptera, Anthomyiidae: *Pegomya hyosciami* (Panzer) on *Chenopodium bonus-henricus*.

Material examined. 4♂ (uncertain identification), 131♀ from Finland (DAZH, MZH), Al: Eckerö. 2.-7.7.1984, Sund, 4.7.1984 (M. Koponen); Ab: Houtskär, 6.6.1936 (W. Hellén); Ab: Korppoo, Åvensör, 20.7.1978, Nauvo, Sandö, 19.7.1978, Nauvo, Seili, 17.-20.7.1978 (M. Koponen); N: Hangö = Hanko, 1931, 19.7.1970, 15.7.1972 (W. Hellén), 29.7.-3.8.1981 (Kock & Perttula), Helsinki, 19.7.-25.8.1976, 23.8.1977, 24.-28.7.1978, 4.8.1980 (M. Koponen), 30.7.1982 (Y. Zhongqi), Sveaborg = Helsinki, Suomenlinna (R. Frey), Nurmijärvi, 10.-29.7.1982, 7.7.1983, 21.7.1984, 13.7.-17.8.1985, 29.7.1987, 8.7.1990, 17.7.1994 (M. Koponen), Tvärminne, 29.7.1923, 15.-31.7.1964 (R. Frey), Vantaa, 11.8.1979 (M. Koponen); Ka: Ylämaa, 13.8.1987 (M. Koponen); St: Rauman mlk., 2.7.1986 (M. Koponen), Reposaari, 27.-29.7.1954 (V. Lauro); Suodenniemi, 22.7.1933 (E. Thuneberg); Ta: Hattula, 11.7.1976, Heinolan mlk., 20.7.1983 (M. Koponen), Hämeenlinna, 20.8.1968 (E. Valkeila), Korpilampi, 20.8.1986, Lammi, 17.7.1975, Loppi, 12.7.1991, 1.8.1992 (M. Koponen); Sa: Anttola, 15.8.1976, Mikkelin mlk., 24.7.1976, 11.8.1987, 4.8.1989, Ristiina, 6.8.1977, 31.7.1980, 29.7.1983, 11.8.1987, 23.7.1989, 23.7.1994 (M. Koponen), Valkeala, 8.7.1974 (M. Viitasaari); Kl: Rautjärvi, 4.7.1990 (M. Koponen), Uukuniemi, 25.7.1940 (W. Hellén); Oa: Ylihärmä, 13.7.1980 (M. Koponen); Tb: Keuruu, 26.7.1928 (W. Hellén), Rautalampi, 18.-19.7.1983 (M. Koponen), Ähtäri (R. Frey); Sb: Varkaus, 15.-20.7.1963 (E. Pulliainen); Kb: Ilomantsi, 20.6.1865 (W. Woldstedt), Polvijärvi, 2.8.1865 (Grönvik), Tohmajärvi, 21.-22.7.1982 (M. Koponen); Ok: Kajaani, 16.8.1982, Paltamo, 10.7.1989 (M. Koponen); Oba: Ii, 20.7.1980, Utajärvi, 14.8.1982 (M. Koponen); Lkor: Savukoski, 10.8.1983 (M. Koponen); and 3♀ from Russia (MZH), Leningrad region and Chita region, 1842 (R. F. Sahlberg).

Biosteres (Biosteres) colorativentris (Fischer)

Opius (Biosteres) colorativentris Fischer, 1957b: 211, ♀.

Biosteres colorativentris; Fischer 1967a: 334; 1971a: 23.

Biosteres (Biosteres) colorativentris; Fischer

1972: 522 (key), 528 (redescription); Papp 1979: 92.

Opius (Biosteres) colorativentris; Tobias 1986: 17.

Distribution. Austria, Finland (map 145), Germany, Hungary, Sweden.

A new species to Finland.

Hosts. Diptera, Anthomyiidae: *Chirosia histricina* Rondani on *Pteridium aquilinum*; Scatophagidae: *Chylizosoma beckeri* Séguéy *Polygonatum multiflorum*.

Material examined. 7♀ from Finland (DAZH, MZH), Ab: Perniö, 18.9.1994 (M. Koponen); N: Helsinki, 21.8.1978, 30.8., 15.9., 14.10.1980 (M. Koponen), Pernå = Pernaja, 19.7.1945 (Å. Nordström); Sa: Ruokolahdi, 4.7.1975 (M. Koponen).

Biosteres (Biosteres) magnicornis (Wesmael)

Opius magnicornis Wesmael, 1835: 155, ♀.

Biosteres magnicornis; Marshall 1895: 348; Fischer 1971a: 27.

Opius (Biosteres) magnicornis; Fischer 1959d: 532; 1963: 15, ♂.

Biosteres (Biosteres) magnicornis; Fischer 1972: 522 (key), 532 (redescription).

Opius (Biosteres) magnicornis; Tobias 1986: 17. *Biosteres bicolor*; Hellén 1946: 133, misidentified.

Distribution. Austria, Belgium, Denmark, Finland (map 146), Hungary, Russia.

A new species to Finland and Russia.

Host. Unknown.

Material examined. 1♂, 2♀ from Finland (DAZH, MZH), N: Helsinki, 18.9.1975 (M. Viitasaari); Ta: Lammi, 11.7.1975 (M. Koponen), Sääksmäki, 18.6.1921 (W. Hellén); and 1E from Russia, Leningrad region: St. Andrae = Antrea, 1.7.1920 (W. Hellén).

Biosteres (Biosteres) placidus (Haliday)

Opius placidus Haliday, 1836: 149, ♀.

Rhabdospilus placidus; Foerster 1862: 259.

Biosteres placidus; Marshall 1891: 56; Fischer 1971a: 29.

Opius (Diachasma) placidus; Fischer 1958a: 57.

Opius (Biosteres) placidus; Fischer 1959d: 536; Tobias 1986: 17.

Biosteres (Biosteres) placidus; Fischer 1972: 522 (key), 535 (redescription).

Biosteres (Biosteres) placodus; van Achterberg 1997: 67.

Opius melanocerus Wesmael, 1838: 149, ♀. Synonymised by Fischer 1959d.

Biosteres melanocerus; Marshall 1895: 347; Hellén 1946: 133.

Opius tarsator Thomson, 1895: 2193, ♀. Synonymised by Fischer 1959d.

Biosteres indotatus Viereck, 1905: 273, ♂. Synonymised by Fischer 1965b: 152.

Distribution. Austria, Belgium, Finland (map 147), Ireland, Russia, Sweden, Canada, U.S.A.

Host. Diptera, Anthomyiidae: *Pegomya nigritarsis* (Zetterstedt) on *Rumex* sp.

Material examined. 6 ♀ from Finland (MZH), N: Pernä = Pernaja, 3.9.1944, Sibbo = Sipoo, 7.-15.7.1985 (A. Albrecht), Tvärminne, 20.-26.9.1989 (A. Albrecht). We have not seen the specimens from Ab: Åbo = Turku and N: Helsing reported by Hellén (1946).

***Biosteres (Biosteres) spinaciae* (Thomson)**

Opius spinaciae Thomson, 1895: 2201, ♂;

Opius (Biosteres) spinaciae; Fischer 1959d: 539.

Biosteres spinaciae; Hellén 1946: 133; Fischer 1971a: 30.

Biosteres (Biosteres) spinaciae; Fischer 1972: 522 (key), 538 (redescription); Papp 1979: 93.

Opius (Biosteres) spinaciae; Tobias 1986: 17.

Opius pegomyiae Gahan, 1917: 201, ♀ ♂.

Opius (Chilotrichia) hyoscyamiellus Viereck, 1925: 278, ♂.

Distribution. Austria, former Czechoslovakia, Denmark, Finland (map 148), Germany, Poland, Russia, Sweden, Mongolia, Canada (Quebec), U.S.A. (from Alsk. to Calif.).

Hosts. Diptera, Anthomyiidae: *Pegomya betae* (Curtis) and *Pegomya hyoscyami* (Panzer) on *Beta vulgaris* and *Rumex acetosella*, *Pegomya nigritarsis* (Zetterstedt).

Material examined. 1 ♂ from Finland (MZH), N: Hangö = Hanko, 12.7.1914 (W. Hellén); and 3 ♂ from Russia (MZH), Leningrad region: Kivinebb = Kivennapa (K. Ehnberg); Rostov region: Taganrog, 20.-28.5.1925 (C. Ahnger).

Genus *Diachasma* Foerster

Diachasma Foerster, 1862: 259. Type species: *Opius fulgidus* Haliday.

Atoreuteus Foerster, 1862: 241. Type species: *Atoreuteus striatus* Foerster.

Bathystomus Foerster, 1862: 235. Type species:

Bathystomus xanthopus Foerster.

Opius (Diachasma); Fischer 1959a: 57.

Diachasma rugiventris (Thomson)

Opius rugiventris Thomson, 1895: 2178; Hellén 1946: 132.

Opius (Diachasma) rugiventris; Fischer 1959e: 158.

Diachasma rugiventris; 1971a: 35; Fischer 1972: 543 (key), 556 (redescription).

Opius (Diachasma) rugiventris; Tobias 1986: 23.

Distribution. Denmark, Finland (map 149), Germany, Switzerland.

Host. Unknown.

Material examined. 1 ♀ from Finland (MZH), Ta: Sääksmäki, 18.7.1940 (E. Kivirikko).

Tribus Desmiostomatini

Genus *Desmiostoma* Foerster

Desmiostoma Foerster, 1862: 260. Type species:

Opius parvulus Wesmael.

***Desmiostoma parvulum* (Wesmael)**

Opius parvulus Wesmael, 1835: 139, ♀ ♂; Fischer 1958b: 189; 1971a: 96.

Desmiostoma parvulum; Fischer 1972: 567 (redescription); Tobias 1986: 9.

Opius nudiscutum Fischer, 1964a: 373, ♀ ♂. Synonymised by Fischer 1970: 311.

Distribution. Belgium, Denmark, England, Finland (map 150), Germany, Hungary, Switzerland, Canada, U.S.A. (Calif.), Bermuda.

A new species to Finland.

Hosts. Diptera: Agromyzidae: *Agromyza nigrella* Rondani on *Hordeum vulgare*, *Liriomyza fasciola* and *Phytomyza* sp. on *Bellis perennis*.

Material examined. 1 ♂, 2 ♀ from Finland (DAZH, MZH), N: Degerö, 26.6.1945 (A. Saarinen); Lkor: Sodankylä, 30.6.1989 (M. Koponen); Li: Inari, 12.8.1983 (M. Koponen leg.).

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