

Changes 1991–1995 in the list of Finnish insects

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During the period 119 species have been deleted from the list of Finnish insects, and 455 species have been added to it. At the end of 1995 a total of 19 549 insect species were known from Finland.

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This paper is a sequel to a similar list published in 1991 (Silfverberg, Entomol. Fenn. 2:9–17), which itself was a continuation of a series of lists published by Hellén and Silfverberg in 1921–1986. Insect species added to the fauna of Finland during the five-year period are listed, with references, as are those deleted from the fauna. A few previously unnoted changes have also been included.

For the new species the locality has generally been given, with its biogeographical province. If the species has been reported from many localities often only the provinces have been listed, or the abbreviation m.l. (= many localities) has been used. When Finland is mentioned as the locality, the original record gave no more exact location. Occasionally the collector has been mentioned (in parentheses) when some other person has reported the find.

Some other abbreviations or signs must also be explained. Thus f.d. = false determination and sp.dist. = distinct species (previously considered a variety, a synonym or such like); in literature references EF = Entomologica Fennica. A species enclosed in square brackets is considered accidentally imported, and has not been included in the species total. Also square brackets have been employed for the name used in the original record when different from the one used here. Other symbols are * = new to science and ! = different from the check list mentioned for the order.

During the period covered by this list there have been 119 species deleted from the Finnish fauna, and 455 species added to it. At the end of

1995 a total of 19 549 insect species were known from Finland.

Collembola

Deletions

Hypogastrura frigida (Axels.) (= *H. lapponica* (Axels.)).
Vilkamaa 1988 Acta Entomol. Fenn. 52:3.

Additions

Heterosminthurus claviger (Gisin) *Sa, Sb, Kb, Om, Lk.*
Bretfeld 1989 Zool. Jahrb. Syst. 116:309.

Present number: 206 – 1 + 1 = 206 spp.

Ephemeroptera

Additions

Heptagenia orbiticola Kl. *Ok:* Puolanka & Suomussalmi,
Ob: Rovaniemi. Saaristo, Nilsson & Savolainen 1993
Entomol. Tidskr. 114:52.

Present number: 50 + 1 = 51 spp.

Plecoptera

Additions

Dinocras cephalotes (Curt.) *Li:* Inari Kiestimäjoki
(Erkinaro). Kuusela 1991 Luonnon Tutk. 95:193.

Present number: 34 + 1 = 35 spp.

Orthoptera

Additions

Bryodema tuberculatum (F.) St: Säskylä, Väisänen, Somerma, Kuussaari & Nieminen 1991 EF 2:27.

Present number: 31 + 1 = 32 spp.

Psocoptera

Additions

Blaste quadrimaculata (Latr.) Ab: Paimio (J.Kanervo). Meinander 1995 EF 6:1.

Present number: 61 + 1 = 62 spp.

Mallophaga

Additions

Carduceps meinertzhageni Timm. St: Pori (M.Haukioja). Hackman 1994 EF 5:5.

Anaticola boetikeri Eichl. & Vasj. N: Ingå (G.W.Forssell). *ibid.*:6.

Present number: 272 + 2 = 274 spp.

Hemiptera

Deletions

Eurygaster maurus (L.) (f.d., = *E. testudinarius* Geoffr.). Lammes 1992 EF 3:111.

Hyperomyzus zirnitsi boernerii Brev. (subspecies counted in species number). Silfverberg 1986 EF 2:10.

Microlophium sibiricum (Mordv.) (f.d., = *M. carnosum* (Buckl.)). Heie 1994 Fauna Entomol. Scand. 28:149.

Additions

Piesma salsolae (Beck.) Ab: Korpo Jurmo. Rinne 1992 EF 3:5.

Agallia estonica Vilb. Ab: Nagu. Rinne 1993 EF 4:10.

Zygena rosincola (Cer.) Ab: Rymättylä & Kaarina. Rinne 1994 EF 5:5.

Cacopsylla abdominalis (M.-D.) N: Tvärminne. Glowacka & Migula 1992 Tvärminne Studies 5:59.

Camarotoscena speciosa (Flor) Ab: Turku. Nokkala 1995 Sahlbergia 2:126.

Glyphina pseudoschranckiana Blackm. N, Sa, Om. Heie 1995 Fauna Entomol. Scand. 31:166.

Anoecia zirnitsi Mordv. Ab: Lohja, N: Ingå & Pernå. Albrecht 1993 EF 4:10; Heie 1995:176.

Pachypappa vesicalis Koch Al. Heie 1995:176.

Prociphilus bumeliae (Schrank) N. *ibid.*:176.

Pemphigus fuscicornis (Koch) Ab, N. *ibid.*:176.

Smynthurodes betae Westw. N: Pernå. Albrecht 1992 EF 3:6; Heie 1995:176.

Baizongia pistaciae (L.) Ab, N. Albrecht 1992 EF 3:5.

Geoica setulosa (Pass.) N: Ingå, Vanda. Albrecht 1992 EF 3:5; Heie 1995:176.

Monaphis antennata (Kalt.) N: Sibbo. Albrecht 1993 EF 4:12; Heie 1995:176.

Calaphis arctica HRL Ta, Sa, Tb, Sb, Om, Ok. *ibid.*:170.

Tinocallis nevskyi Qued. & Heie N: Ruotsinpyhtää. Albrecht 1993:12; Heie 1995:171.

Therioaphis riehmi (Börn.) N: Helsinki. Albrecht 1993:12.

— *brachytricha* HRL Ab: Vihti. *ibid.*:12.

— *tenera* (Aiz.) Ab, N, Ta. Heie 1995:170.

Thripsaphis caricicola (Mordv.) Al: Jomala. Heikinheimo 1992 EF 3:61.

Periphyllus coracinus (Koch) Al: Finström (Heikinheimo) & Mariehamn (Heie). *ibid.*:61.

Chaitophorus populialbae (Fonsc.) N: Helsinki & Vantaa. Albrecht 1994 EF 5:4.

Pterocomma populeum (Kalt.) Ab. Heie 1995:176.

Melanaphis luzulella (HRL) Al: Jomala. Heikinheimo 1992:72.

Schizaphis borealis T.-L. Al: Jomala. *ibid.*:74.

— *nigerrima* (HRL) Tb, Om. Heie 1995:174.

— *scirpi* (Pass.) Ab, Sa. *ibid.*:176.

Aphis chloris Koch Ab: Dragsfjärd, Ta: Hollola. Albrecht 1993 EF 4:11; Heie 1995:176.

— *coronillae* Ferr. Al: Jomala, Om: Vimpeli. Heikinheimo 1992:64.

— *epilobaria* Thunb. N: Helsinki & Sibbo, Sa: Kouvola. Albrecht 1994 EF 5:4; Heie 1995:176.

— *euphorbiae* Kalt. Al: Jomala. Heikinheimo 1992:64; Heie 1995:176.

— *genistae* Scop. N. Heie 1995:176.

— *klimeschi* (Börn.) Ab: Vihti. Albrecht 1994 EF 5:3; Heie 1995:176.

— *leontodontis* (Börn.) Ab, N, Om. Albrecht 1994:4; Heie 1995:176.

— *lotiradicis* Str. Ab: Vihti, N: Nurmijärvi & Helsinki. Albrecht 1993 EF 4:11; Heie 1995:174.

— *mammulata* Gim. & HRL Al: Jomala. Heikinheimo 1992:65.

— *mirifica* (Börn.) Al: Jomala. *ibid.*:65.

— *molluginis* (Börn.) Ta. Hollola. Albrecht 1994 EF 5:4; Heie 1995:176.

— *pilosellae* Börn. Ab: Vihti, Ta: Hollola. Albrecht 1993 EF 4:11; Heie 1995:176.

— *sanguisorbae* Schr. Al: Jomala. Heikinheimo 1992:65.

— *sarothamni* Franss. Al: Jomala. *ibid.*:66.

— *spiraephaga* Müll. Ab. Heie 1995:176.

— *tormentillae* Pass. N: Helsinki. Albrecht 1993 EF 4:11.

— *tripolii* Laing N. Heie 1995:176.

— *umbrella* Börn. N. *ibid.*:176.

— *violae* Schout. Sa: Luumäki. Albrecht 1994 EF 5:4; Heie 1995:176.

— *striata* HRL. Ta. Heie 1995:176.

- Anuraphis subterranea* (Walk.) *Ta*: Somero. Albrecht 1993:11; Heie 1995:176.
- Brachycaudus persicae* (Pass.) *N*. Heie 1991 *Fauna Entomol. Scand.* 25:47.
- *aconiti* (Mordv.) *N, Ta*. Heie 1995:174.
- Ossiannilssonina oelandica* HRL *N*. *ibid.*:177.
- Semiaphis nolintangere* (Aiz.) *N*: Sibbo. Albrecht 1993 EF 4:12; Heie 1995:175.
- *anthrisci* (Kalt.) *Sa*. Heie 1995:176.
- Hyadaphis tataricae* (Aiz.) *Al*: Jomala. Heikinheimo 1992:71
- Coloradoa absinthii* (Licht.) *Ab*: Dragsfjärd, *N*: Tenala. Albrecht 1993:11; Heie 1995:176.
- *abrotani* (Koch) *Om*. Heie 1995:176.
- *inodorella* *Oss. Ab, N. ibid.*:177.
- Mamontova vera* Shap. *Sa*: Punkaharju. Albrecht 1993 EF 4:12; Heie 1995:174.
- Cavariella intermedia* HRL *Al*: Jomala. Heikinheimo 1992:68; Heie 1995:176.
- Aspidaphium cuspidati* Str. *Al*: Jomala. Heikinheimo 1992:66.
- Pleotrichophorus persimilis* Börn. *N*. Heie 1995:177.
- Nasonovia altaensis* Stens. *Li*: Ivalo. Heikinheimo 1991 *Entomol. Gener.* 16:207; Heie 1994 *Fauna Entomol. Scand.* 28:61.
- Submegoura heikinheimoi* HRL *N*. Heie 1995:177.
- Impatientinum asiaticum* Nevs. *N*: Helsinki. Albrecht 1993:11; Heie 1994:79.
- Acyrtosiphon hertae* HRL *Al*: Jomala, *Sa*: Mikkeli. Heikinheimo 1992:62. Heie 1994:152.
- *boreale* HRL *Sa*. Heie 1994:127.
- *ignotum* Mordv. *N*: Helsinki. Albrecht 1993:12.
- Microlophium carnosum* (Buck.) (*sibiricum* auct.) Finland. Heie 1994:148.
- Galiobium langei* (Börn.) *Al*: Jomala & Mariehamn. Heikinheimo 1992:70.
- Sitobion equiseti* Holm. *Al*: Jomala, *Tb*: Laukaa. *ibid.*:75. Heie 1994:189.
- *paludum* Müll. *Tb, Sb, Om, Ok, Lk, Li*. Heie 1995:177.
- Linosophon galiophagum* (Wimsh.) *N. ibid.*:177.
- Delphinobium junackianum* (Karsch) *N, Ta*. Heie 1995:11.
- Macrosiphoniella dimidiata* Börn. *Ab, N, Ka, Ta, Sa. ibid.*:21.
- Uroleucon grossum* (HRL) (sp.dist.) *Ab-Lk. ibid.*:52.
- *inulicola* (HRL) *N, Ka. ibid.*:54.
- *jaceicola* (HRL) *N. ibid.*:56.
- *muralis* (Buck.) *Ab. ibid.*:57.
- *pilosellae* (Börn.) *Ab, Ta, Sa, Kb*. Albrecht 1994 EF 5:5; Heie 1995:61.
- *erigeronensis* (Ths.) *N*. Heie 1995:67.
- *aeneum* (HRL) (sp.dist.) *Ab-Li. ibid.*:70.
- Amphorophora gei* Börn. *N*: Tenala. Albrecht 1993:12; Heie 1995:87.
- Megourella purpurea* HRL *N, Sa, Om*. Heie 1995:96.
- Galiaphis annae* *Oss. Ob. ibid.*:104.
- Eulachnus brevipilosus* Börn. *Sa. ibid.*:121.
- Cinara piniphila* (Ratz.) *N. ibid.*:152.
- *smolandiae* Dan. & Cart. *Sa. ibid.*:155.
- Protrama flavescens* (Koch) *Ab, N, Ta, Sa*. Albrecht 1992 EF 3:5; Heie 1995:157.
- Trama centaureae* Börn. *Ab, N*. Heie 1995:164.
- Diaspidiotus bavaricus* Lind. *Ta*: Janakkala. Vikberg 1991 EF 2:4.
- Acanthococcus baldonensis* Ras. *Ta*: Janakkala. *ibid.*:4.
- Present number: 1271 – 3 + 91 = 1359 spp.

Thysanoptera

Additions

- [*Frankliniella schultzei* (Tryb.) Finland. Brax 1991 *Kasvinsuojelulehti* 24:12.]
- [*Thrips palmi* Karny Finland. *ibid.*:12.]

Present number: 114 spp.

Neuroptera

Additions

- Conwentzia psociformis* (Curt.) *Ab*: Raisio. Lammes 1994 *Sahlbergia* 1:26.

Present number: 61 + 1 = 62 spp.

Coleoptera

Silfverberg, H. 1992. *Enumeratio Coleopterorum Fennoscandiae, Daniae et Baltiae*. — Helsinki — Helsingfors, 94 pp.

Deletions

- ! *Agonum moestum* (Duft.) (f.d., = *A. afrum* (Duft.)). Schmidt 1994 *Beitr. Entomol.* 44:19.
- ! *Acrotrichis lucidula* Rossk. (f.d., = *A. atomaria* (Deg.)). Sörensson 1994 *Entomol. Tidskr.* 115:170.
- ! – *suecica* Ssundt (f.d., = *A. norvegica* Strand). *ibid.*:171.
- ! *Leiodes rotundata* (Er.) (f.d., = *L. picea* (Panz.)). Muona 1995 EF 6:3.
- ! *Nargus badius* (Sturm) (f.d., = *N. velox* (Spence)). Rutanen, Kangas & Valtonen 1994 EF 5:2.
- ! *Colon calcaratum* Er. (f.d., = *C. appendiculatum* (Sahlb.)). Muona 1995 EF 6:2.
- Quedius limbatus* (Heer) (f.d., = *Q. limbatoides* Coiff.). Clayhills 1992 EF 3:14.
- ! *Proteinus crenulatus* Pand. (f.d., = *P. macropterus* (Grav.)). Muona 1995 EF 6:3.
- ! *Oxyptoda lapponica* Lundb. (= *O. hansseni* Strand). Lundberg 1995 *Catal. Col. Succ.*:67.
- Meotica lohsei* Ben. (= *M. pallens* (Redt.)). Muona 1991 *Deutsche Entomol. Zschr.* 38:228.
- Atheta pertyi* (Heer) (f.d., = *A. incognita* (Sharp)). Clayhills

- 1991 EF 2:5.
- !– *britanniae* Bernh. & Scheerp. (f.d., = *A. crassicornis* (F.)). Muona 1995 EF 6:2.
- ! *Gyrophaena rugipennis* Muls. & Rey (f.d., = *G. orientalis* Str.). *ibid.*:2.
- Cidnopus pilosus* (Leske) Recorded outside Finland. Silfverberg 1991 EF 2:1.
- Agrilotes sputator* (L.) Recorded outside Finland. *ibid.*:1.
- ! *Microrhagus lindbergi* (Palm) (= *M. lepidus* Rosh.) Muona 1994 Sahlbergia 1:2; Muona 1995 EF 6:39.
- ! *Hylis olexai* (Palm) (f.d., = *H. foveicollis* (Thoms.)). *ibid.*:2, 8.
- ! *Agrilus angustulus* (Ill.) (f.d., = *A. betuleti* Ratz.). *ibid.*:8.
- ! *Epuraea florea* Er. (= *E. pallescens* (Steph.)). Spornraft 1992 Die Käfer Mitteleur. 13:107.
- !– *abietina* J.Sahlb. (= *E. pallescens* (Steph.)). *ibid.*:107.
- !– *adumbrata* Mannh. (= *E. terminalis* (Mannh.)). *ibid.*:107.
- !– *danica* Sjöb. (f.d., = *E. opalizans* J.Sahlb.). Muona 1995 EF 6:2.
- !– *deleta* Er. (= *E. silacea* (Hbst.)). Spornraft 1992:107.
- ! *Monotoma brevicornis* Motsch. (f.d., = *M. testacea* Motsch.). *ibid.*:3.
- Cryptophagus hexagonalis* Tourn. (f.d., = *C. subvittatus* Rtt.). Clayhills 1991 EF 2:5.
- ! *Euglenes lokvenci* (Roub.) (= *E. pygmaeus* (Deg.)). Lohse 1992 Die Käfer Mitteleur. 13:187.
- Hallomenus innatus* Kang. (= *Scryptia fuscula* Müll.). Kangas 1992 EF 3:7.
- Altica cirsii* Isr. (= *A. carduorum* (Guér.)). Kangas & Rutanen 1993 EF 4:122.
- ! *Larinus planus* (f.d., = *L. sturnus* (Schall.)). Silfverberg 1995 EF 6:2.
- Anthonomus pedicularius* (L.) (f.d., = *A. conspersus* Desbr.). Silfverberg 1992 EF 3:6.
- Limnobaris reitteri* Munst. (= *L. t-album atriplicis* F.). Dieckmann 1991 Beitr. Entomol. 41:310.
- Additions
- ! *Agonum afrum* (Duft.) (*moestum* auct.) *Al, Ab*. Schmidt 1994 Beitr. Entomol. 44:20.
- !– *hypocrita* (Apf.) *Ab*: Åbo, *N*: Tvärminne, Ekenäs. *ibid.*:15.
- Amara gebleri* Dej. *Ab-Ok*. Silfverberg 1992 EF 3:167.
- Demetrias imperialis* (Germ.) *Ab*: Pargas, *N*: Tammisaari. Kaila 1992 EF 3:3; Clayhills 1993 EF 4:17.
- Coelambus polonicus* (Aubé) *Ka*: Ulko-Tammio. Rutanen & Rassi 1991 EF 2:23.
- *parallelogrammus* (Ahr.) *N*: Hanko. *ibid.*:23.
- ! *Stictotarsus multilineatus* Falk. (sp. dist.) Nilsson & Holmen 1995 Fauna Entomol. Scand. 32:80.
- Sphaeridium marginatum* F. *Al, Ab, N, Ka, Ta, Sa, Oa*. Silfverberg 1991 EF 2:3.
- Ochthebius rugulosus* Woll. *Ok, Ob, Ks, Lk*. Cuppen & Nilsson 1991 Entomol. Tidskr. 112:42.
- ! *Hydraena excisa* Gglb. *Ks*: Kuusamo, *Li*: Inari. Hansen & Hämäläinen 1994 EF 5:53.
- Philonthus spinipes* Sharp Finland. Silfverberg 1992:16.
- ! *Quedius lundbergi* Palm Finland. Lundberg 1995 Catal. Col. Suec.:46.
- *limbatoides* Coiff. (*limbatus* auct. nec (Heer)) (sp. dist.) Finland. Clayhills 1992 EF 3:14.
- Euryalea pulcherrima* Bernh. *Li*: Utsjoki. Clayhills 1991 EF 2:2.
- ! *Ischnoglossa obscura* Wund. Finland. Lundberg 1995:69.
- Parocyusa crebrepunctata* (Str.) Finland. Silfverberg 1992:27.
- Phloeopora opaca* Bernh. *Ok*: Puolanka. Clayhills 1993 EF 4:16.
- Ischnopoda coarctata* (Er.) Finland. Silfverberg 1992:28.
- Philhygra [Atheta] pinegensis* (Muona) *Ks*: Oulanka (Rassi & Muona). Silfverberg 1992:29; Muona 1995 Entomol. Meddel. 63:13.
- ! *Atheta (Microdota) wireni* Brd. *Lk*: Kolari. Siitonen 1993 EF 4:228.
- !– (–) *pittionii* Scheerp. Finland. Lundberg 1995:74.
- (s.str.) *fungicola* (Thoms.) *N*: Espoo. Rutanen 1991 EF 2:1.
- ! *Acrotona pseudotenera* (Cam.) (*rassii* Muona) *Ab, N, Ta, Tb*. Muona 1993 Entomol. Bl. 89:9; Hansen & al. 1994 Entomol. Meddel. 62:72.
- Thamiaraea hospita* (Märk.) *N*: Espoo. Helve 1992 EF 3:4.
- ! *Falagrioma concinna* (Er.) Finland. Rassi 1993:62
- Gyrophaena rugipennis* Muls. *Ta*: Luopioinen. Kangas 1991 EF 2:2.
- !– *kangasi* Rut. *Sa*: Leivonmäki. Rutanen 1994 EF 5:39.
- ! *Trichonyx sulcicollis* (Reich.) *Ab*: Turku. Rassi 1993:66. Martikainen 1994 EF 5:3.
- ! *Clambus nigrellus* Rtt. *St*: Mouhijärvi. Mannerkoski & Helve 1994 EF 5:1.
- ! *Malthodes misellus* Kiesw. *Sb, Kb, Ok*. Rutanen 1994 EF 5:2.
- Lacon lepidopterus* (Panz.) *Ks*: Kuusamo (Muona). Rassi 1992 Komiteanmietintö 1991:145; Muona 1994 Sahlbergia 1:7.
- ! *Melanotus villosus* (Geoffr.) *Ab, N, Sb*. Muona 1994 Sahlbergia 1:8.
- Attagenus smirnovi* Zhant. Established in Finland. Biström & Rutanen 1992 EF 3:2.
- ! [– *fasciatus* (Thunb.) *Tb*: Jyväskylä. Mannerkoski 1993 EF 4:9.]
- ! *Xyletinus tremulicola* Y.Kng. *Sb*: Savonranta. Rassi 1993:83; Rutanen 1995 EF 5:201.
- Epuraea concurrens* Sjöb. *N, Ta, Sa, Tb, Kb, Ok, Ks*. Rutanen 1993 EF 4:25.
- !– *pallescens* (Steph.) (*florea* Er., *abietina* J.Sahlb.). Spornraft 1992 Die Käfer Mitteleur. 13:107.
- !– *rugulosa* J.Sahlb. (*longipennis* Sjöb.) (sp. dist.) Finland. Audisio 1993 Fauna d'Ital. 32:363.
- Psammoecus bipunctatus* (F.) *Kl*: Rautjärvi, Parikkala. Clayhills 1991 EF 2:3.
- Cryptophagus obsoletus* Rtt. *N*: Espoo. Clayhills 1992 EF 3:2.
- ! *Olibrus flavicornis* Sturm Finland. Lundberg 1995:123.

! *Cis fissicornis* Mell. *Sb*: Savonranta (Mannerkoski). *Rassi* 1993:100; *Rutanen* 1995 *Vesi- & ymp.hall. julk. A* 215:37.

Typhaea decipiens Lohse *N, Ta, Sa, Ob*. *Clayhills* 1993 *EF* 4:10. *Mannerkoski* 1993 *EF* 4:10.

Anidorus nigrinus (Germ.) *Sa*: *Rautjärvi*. *Clayhills* 1991 *EF* 2:1.

Cynaesus opacus Champ. *Ab*: *Nummi-Pusula, N*: *Nurmijärvi*, *Helsinki*. *Mannerkoski & Ferrer* 1992 *EF* 3:95.

! *Crioceris asparagi* (L.) *N*: *Tusby*. *Silfverberg* 1992 *EF* 3:2.]

Chrysomela vigintipunctata (Scop.) *Sa*: *Joutseno (Blomqvist), Kl*: *Parikkala*. *Biström* 1991 *EF* 2:18; *Mannerkoski* 1991 *EF* 2:5.

Galerucella aquatica (Geoffr.) m.l. *Kangas* 1991 *EF* 2:2. — *kerstensi* Lohse m.l. *ibid.*:2.

Longitarsus ochroleucus (Marsh.) *N*: *Espoo*. *Helve* 1992 *EF* 3:4.

Altica carduorum (Guér.) *Kb*: *Ilomantsi (L. Kangas)*. *Kangas* 1992 *EF* 3:1; *Kangas & Rutanen* 1993 *EF* 4:122.

— *quercetorum saliceti* Wse. *N*: *Helsinki (Muona)*. *Kangas* 1992:1; *Kangas & Rutanen* 1993:120.

Apion meieri Desbr. *N, Sa*. *Silfverberg* 1991 *EF* 2:1.

! *Sitona lateralis* Gyll. (*ononidis* Sharp) (sp.dist.) *Finland* (m.l.). *Silfverberg* 1995 *Sahlbergia* 2:117.

Anthonomus brunnipennis Curt. *Al–Om*. *Silfverberg* 1992 *EF* 3:1; *Kangas* 1992 *EF* 3:1.

Bagous robustus Bris. (sp.dist.) *Finland*. *Dieckmann* 1983 *Beitr. Entomol.* 33:373.

Present number: 3606 – 31 + 54 = 3629 spp.

Lepidoptera

Varis, V., Ahola, M., Albrecht, A., Jalava, J., Kaila, L., Kerppola, S. & Kullberg, J. 1995. Checklist of Finnish Lepidoptera — Suomen perhosten luettelo. - *Sahlbergia* 2:1–80. 2378 spp. (this number includes some as yet unidentified species, which have not been included in the numbers below).

Deletions

Leucoptera orobi (Staint.) (= *L. lathyriifoliella* (Staint.)). *Mey* 1994 *Deutsche Entomol. Zschr.* 41:201.

Coleophora vulnerariae Zell. (f.d.). *Kaila & Kerppola* 1993 *Baptria* 18:55.

Celypha flavipalpana (H-S) (f.d.). *Kaila & Kerppola* 1992 *EF* 3:13; *Kaila & Kerppola* 1992 *Baptria* 17:64.

Pristerognatha penthinana (Guen.) (f.d., = *P. fuligana* (D&S)). *Kerppola* 1991 *EF* 2:8; *Kerppola & Kontuniemi* 1991 *Baptria* 16:58.

Endothenia gentianaeanana (Hb.) (f.d., = *E. oblongana* (Haw.)). *Laasonen & Laasonen* 1995 *EF* 5:190.

Species deleted and later again accepted

Stigmella lappovimella (Svenss.) (= *S. zelleriella* (Snell.)):

Puplesis 1994 *Nepticul. East. Eur. & Asia*, p. 125; sp.dist.: *Varis & al.* 1995:51.

Additions

Lampronia standfussiella (Zell.) *Ob*: *Rovaniemi (Mutanen)*. *Kaila & Kerppola* 1995:93.

Sterrhopterix fusca (Haw.) *Ab, N, Ka, Ta, Sa, Oa*. *Kaila & Kerppola* 1993 *Baptria* 18:104; *Kaila & Kerppola* 1995:93; *Nupponen* 1995 *Baptria* 20:107; *Kerppola, Albrecht & Huldén* 1995 *Baptria* 20 (2a):12.

Infurcitinea argentimaculella (St.) Previously considered imported, now a natural occurrence: *Varis & al.* 1995:51.

Bucculatrix latviaella Sulcs *Sa*: *Imatra & Punkasalmi*. *Kerppola* 1991 *EF* 2:7; *Kerppola & Kontuniemi* 1991 *Baptria* 16:53; *Kaila & Kerppola* 1995:94.

Yponomeuta irrorellus Hb. *N*: *Espoo (Vaalamo)*. *Kaila & Kerppola* 1993:105.

Swammerdamia pyrella (Vill.) *Al*: *Lemland (Lingonblad)*. *Kaila & Kerppola* 1992:11; *Kaila & Kerppola* 1992 *Baptria* 17:58; *Kullberg* 1992 *Baptria* 17:109.

Argyresthia spinosella St. *Al*: *Mariehamn; N*: *Vantaa*. *Kaila & Kerppola* 1993:105; *Kaila & Kerppola* 1995:95.

Depressaria emeritella (St.) *Ab*: *Dragsfjärd Örö (Kullberg)*. *Kaila & Kerppola* 1995:95.

— *chaerophylli* Zell. *Ab*: *Turku; N*: *Helsinki*. *Kaila & Kerppola* 1992 *EF* 3:12; *Kaila & Kerppola* 1992 *Baptria* 17:59; *Kaila & Kerppola* 1995:95.

**Elachista leifi* *Kaila & Kerppola*. *Oa, Ob, Ks, Lk, Le, Li*. *Kaila & Kerppola* 1992 *EF* 3:155; *Kaila & Kerppola* 1993:106; *Kaila & Kerppola* 1995:96.

Coleophora badiipennella (Dup.) *Al*. *Kaila & Kerppola* 1992 *EF* 3:12; *Kaila & Kerppola* 1992 *Baptria* 17:60; *Kaila & Kerppola* 1993:107.

— *vibicigerella* Zell. *N*: *Helsinki (Laasonen & Laasonen)*. *Kaila & Kerppola* 1992 *EF* 3:12; *Kaila & Kerppola* 1992 *Baptria* 17:60.

Teleiodes wagai (Now.) *Al*: *Kökar (Kaitila & Kerppola)*. *Kaila & Kerppola* 1992 *EF* 3:12; *Kaila & Kerppola* 1992 *Baptria* 17:6.

Caryocolum alsinellum (Zell.) *Ab*: *Pargas (Vaitinen & Rantanen)*. *Kaila & Kerppola* 1995:99.

— *schleichi* (Christ.) *St*: *Jämijärvi (Saarela & Sippola); Ok*: *Sotkamo (Leinonen & Pöykkö)*. *Kaila & Kerppola* 1993:108; *Kaila & Kerppola* 1995:99.

Syndemis histrionana (Fröl.) *Ab, N*. *Kaila & Kerppola* 1992 *EF* 3:12; *Kaila & Kerppola* 1992 *Baptria* 17:62; *Kullberg* 1992 *Baptria* 17:67; *Kaila & Kerppola* 1993:109.

Clepsis rogana (Guen.) *Ka*: *Virolahti (Kaitila)*. *Kaila & Kerppola* 1995:100.

Cnephasia alticolana (HS) *Sa, Kb, Ok*. *Jalava* 1993 *Baptria* 18:114.

Cochylidia rupicola (Curt.) *Al*: *Finström (Junnilainen)*. *Kerppola & Kontuniemi* 1990:55.

Aterpia chalybeia Falkov. *Ka*: *Virolahti (Kaitila)*. *Kaila & Kerppola* 1993:109.

- Endothenia oblongana* (Haw.) (*E. gentianaeana* auct.).
Laasonen & Laasonen 1995 EF 5:190.
- *(- *marginana*) *tarandina* Laas. & Laas. Li: Inari. *ibid.*:192.
- Lobesia littoralis* Hmp. & Westw. N: Helsinki (Sundell).
Kaila & Kerppola 1995:101.
- *abscisana* (Dbl.) Al, Ab. Kaila & Kerppola 1993:110.
- Gypsonoma oppressana* (Tr.) N: Helsinki (Tyni). Kaila & Kerppola 1995:102.
- Eucosma conterminana* Guen. Ab: Dragsfjärd. Kaila & Kerppola 1993:111.
- ! *Synanthedon herzi* Spat. & Gorb. N, Ta, Tb, Ks. Kaila & Kerppola 1995:103.
- Oidaematophorus rogenhoferi* Mann Ob: Tornio. Mutanen, Itämies & Leinonen 1994 Baptria 19:60; Itämies, Karvonen & Mutanen 1995 Baptria 20:69.
- Marasmarcha lunaedactyla* (Haw.) N: Tammissaari Jussarö, N: Helsinki. Nupponen & Nupponen 1993 Baptria 18:41; Kaila & Kerppola 1993:111; Kaila & Kerppola 1995:103.
- Vitula biviella* (Zell.) N: Helsingfors (Nybom). Kaila & Kerppola 1995:104.
- Agrotora nemoralis* (Scop.) N: Pernaja (Kumlander).
Nupponen, Nupponen & Kumlander 1993 Baptria 18:91; Kaila & Kerppola 1993:112.
- Drepana binaria* (Hufn.) Ab: Dragsfjärd Örö (M.Ahola).
Repo 1994 Baptria 19:12.
- Timandra comai* Schm. Al, Ab, N, Ka, Ta, Sa, Kl, Kb.
Kaila & Albrecht 1994 Entomol. Scand. 25:462.
- Peribatodes rhomboidarius* (D&S) Ab: Turku (Vuorinen).
Varis & al. 1995:54. Repo & Kullberg 1996 Baptria 21:5.
- Cornutiplusia circumflexa* (L.) Sa: Mäntyharju (Peltonen).
Peltonen & Mikkola 1994 Baptria 19:62.
- Syngrapha ain* (Hochw.) St: Vammala (Silvonen). Repo
1995 Baptria 20:26; Mattila 1995 Diamina 4:46.
- Cucullia boryphora* Fisch.-W. Finland. Varis & al. 1995:55.
- Amphipyra livida* (D&S) Ka: Kotka (Päivinen, Oksanen & Kotiahö). Repo 1992 Baptria 17:12; Päivinen 1992 EF 3:6.
- Aporophyla lutulenta* (D&S) Ab: Dragsfjärd Örö (J.Kullberg).
Repo 1993 Baptria 18:62.
- Lithophane semibrunnea* (Haw.) N: Hanko (Nurminen).
Repo 1993:63.
- Hadena irregularis* (Hufn.) Al: Kökar (Kaarna). *ibid.*:63.
- Sideridis albicolon* (Hübner.) N: Hanko (M.Saarikoski). Repo
1994:15.
- Orthosia munda* (D&S) Ab, N, Ta. Kaila 1991 EF 2:5; Repo
1991 Baptria 16:11; Repo 1993:63; Repo 1994:15; Repo
1995:28.
- Diarsia florida* (Schm.) (sp.dist.) Varis & al. 1995:57.
- Noctua interposita* (Hübner.) N: Borgå Pörtö (G.Nordenswan).
Repo 1994:15.
- *janthe* (Borkh.) (sp.dist.) Al, Ab, N. Nupponen & Nupponen 1992 EF 3:10; Repo 1993:64; Repo 1994:15; Repo 1995:28.
- (*Epipsilia grisescens*) **septentrionalis* Fibig. N: Hangö, Sibbo & Borgå. Fibiger 1993 Noctuid. Europ. 2:24.

Species accidentally omitted from checklist

! *Amphipyra tragopoginis* (Clerk) Varis 1995 Sahlbergia 2:128.

Present number: 2338 – 5 + 45 = 2378 spp.

Diptera

Deletions

- Prionocera lackschewitzi* Mannh. (= *P. recta* Tjed.) Brodo
1987 Evol. Monogr. 8:44.
- *proxima* Lacksch. (= *P. subsericornis* (Zett.)) *ibid.*:56.
- Tipula oleracea* L. (f.d., = *T. paludosa* Meig.) Brodo 1994
EF 5:51.
- Phronia fusciventris* Duz. (= *P. bicolor* Dziedz.) Chandler
1992 Entomol. Mon. Mag. 128:248.
- Corynoptera concinna* (Winn.) (f.d., = *C. winnertzi* Mohr.)
Mohrig 1993 Bonn. zool. Beitr. 44:50.
- Bradysia picipes* Zett. (= *B. brunripes* Meig.) Mohrig &
Menzel 1993 Bonn. zool. Beitr. 44:271.
- *moestula* Tuomik. (= *B. forcipulata* Lundb.) *ibid.*:280.
- *albasetosa* Frey (= *B. moesta* Frey) *ibid.*:282.
- Empis planetica* Coll. (f.d., = *E. staegeri* Coll.) Chvála
1991 EF 2:80.
- Rhaphium lanceolatum* Loew (= *R. caliginosum* Meig.)
Negrobov 1991 Catal. Pal. Dipt. 7:20.
- *luteipenne* (Frey) (= *R. holmgreni* (Mik)) *ibid.*:23.
- Campsicnemus pectinulatus* (Loew) (= *C. pumilio* (Zett.))
ibid.:62.
- *dasygnemus* Loew (= *C. pilosellus* (Zett.)) *ibid.*:60.
- Chrysotus amplicornis* Zett. (= *C. laesus* (Wied.)) *ibid.*:73.
- Megaselia euryprocta* Schmitz (= *M. xanthozona* (Strobl))
Disney 1991 Catal. Pal. Dipt. 7:188.
- Epistrophe euchroma* (Kow.) (f.d.) Ståhls 1995 EF 6:8.
- *melanostomoides* (Strobl) (= *E. melanostoma* (Zett.))
ibid.:8.
- Paragus albifrons* Fall. (f.d., = *P. majoranae* Rond.) *ibid.*:8.
- Brachyopa bicolor* Fall. (f.d., = *B. pilosa* Coll.) *ibid.*:8.
- Sphegina kimakowicz* Strobl (f.d., = *S. elegans* Schumm.)
Polevoi & Ståhls 1994 Sahlbergia 1:24.
- Microdon devius* (L.) (recorded outside Finland). Ståhls
1995:8.
- Minilimosina trogeri* Roh. (f.d., = *M. bicuspis* Roh.)
Rohaček 1993 Entomol. Arb. Mus. Tierk. Dresden
55:198.
- Chiasmocheta trollii* (Zett.) (= *C. inermella* (Zett.)) Dely-
Draskovits 1993 Catal. Pal. Dipt. 13:33.
- Delia floricola* Rob.-D. (= *D. cardui* (Meig.)) *ibid.*:41.
- Parapegomyia consanguinea* (Tiens.) (= *P. socculata*
(Zett.)) *ibid.*:75.
- Angioneura fimbriata* Meig. (f.d., = *Morinia melanoptera*
(Fall.)) Rognes 1991 Fauna Entomol. Scand. 24:188.

Additions

Limnophila pictipennis (Meig.) Ta: Kojjärvi. Mannheims
1965 Lounais-Hämeen Luonto 20:7. Overlooked in
Enumeratio Dipteroorum Fenniae 1980.

- Zavrelimyia hirtimana* (Kieff.) *Ta*: Riihimäki. Hirvenoja & Michailova 1991 EF 2:95.
- Syndiamesa komensis* Zver. Finland. Kosonen 1993 *Diamina* 2:33.
- Tokunagayusurika jacutica* Zver. *Ta, Sa, Tb, Sb*. *ibid.*:33.
- **Chironomus beljaninae* Wülk. *Ta*: Riihimäki, *Oa*: Seinäjoki. Wülker 1991 EF 2:99.
- *- *fraternus* Wülk. *Ta*: Riihimäki, Ruovesi, *Oa*: Seinäjoki. *ibid.*:98.
- *riparius* Meig. *Ta*: Riihimäki. Hirvenoja & Michailova 1991 EF 2:95.
- Glyptotendipes aequalis* Kieff. *N*: Vantaa, *Ta*: Riihimäki. *ibid.*:88.
- Simulium monticola* Fried. *Ks*: Kuusamo. Kuusela 1992 *Oulanka Rep.* 10:42.
- Eusimulium lundstromi* (End.)/ *latigonium* Rubz. *Ks*: Posio (Sulkava). *ibid.*:42.
- Simulium vulgare* Dor., R. & Vl. *Lk, Le*. Adler & Kuusela 1994 *Entomol. Scand.* 25:444.
- *tumulosum* Rubts. (?) *Lk, Le*. *ibid.*:444.
- Pachyneura fasciata* Zett. *Tb*: Saarijärvi. Väisänen & Biström 1991 EF 2:4.
- Boletina edwardsi* Chandl. *Ab*: [Salo:] Kotalato & Helisnummi. Chandler 1992 *Brit. Journ. Entomol. Nat. Hist.* 5:121.
- Phronia crassitarsus* Hackm. (sp. dist.) Finland. Chandler 1992 *Entomol. Mon. Mag.* 128:249.
- **Mycetophila perpallida* Chandl. Finland. Chandler 1993 *Brit. Journ. Entomol. Nat. Hist.* 6:6.
- **Prosciria plusiochaeta* Hippa & Vilk. *Ks*: Iivaara (Tuomikoski). Hippa & Vilkamaa 1991 EF 2:120.
- **Corynoptera winnertzi* Mohr. (*concinna* auct. nec (Winn.)). Mohrig 1993 *Bonn. Zool. Beitr.* 44:50.
- Capmtochaeta consimilis* (Holmgr.) *Le*: Kilpisjärvi (Suomala). Hippa & Vilkamaa 1994 *Acta Zool. Fenn.* 194:12.
- *- *duplicata* H. & Vilk. *Kb*: Pielisjärvi, *Ks*: Kuusamo, *Li*: Inari. *ibid.*:14.
- *uniformis* (Mohr. & Menz.) *Ab*: Korpo & Vihti. *ibid.*:17.
- *- *sicilicula* H. & Vilk. *Al*: Lemland, *N*: Tvärminne. *ibid.*:22.
- *- *scanica* H. & Vilk. *Ka*: Vehkalahhti (Tuiskunen). *ibid.*:22.
- *delicata* (Lengersd.) *Ks, Lk, Le, Li*. *ibid.*:36.
- *- *simulator* H. & Vilk. *Ks*: Kuusamo & Salla. *ibid.*:41
- *xystica* H. & Vilk. *Ks, Lk, Li*. *ibid.*:44.
- *- *propria* H. & Vilk. *Ks*: Kuusamo (Tuiskunen). *ibid.*:46.
- *tenuipalpis* (Mohr. & Ant.) *Ks*: Kuusamo. *ibid.*:48.
- *- *ferrata* H. & Vilk. *Ta*: Kangasala (Tuiskunen). *ibid.*:50.
- *verrucifera* (Lengersd.) *N*: Esbo. *ibid.*:54.
- *minutula* (Buk. & Leng.) *N*: Helsinki (Kaila, Martikainen & Siitonen). *ibid.*:61.
- *- *quantula* H. & Vilk. *Ta*: Somero (Hippa). *ibid.*:63.
- *subdentata* (Mohr.) *Al, Ab, N, Ta, Ks*. *ibid.*:63.
- *parvulataformis* (Mohr.) *Al*: Lemland, *Ab*: Rymättylä. *ibid.*:72.
- *- *uncinata* H. & Vilk. *Ab*: Turku (Mannila). *ibid.*:75.
- *- *unidentata* H. & Vilk. *Ab*: Houtskär & Pargas. *ibid.*:75.
- Ptiolina nigra* Zett. Finland. Nartshuk 1995 *Acta Zool. Fenn.* 199:20.
- Bicellaria austriaca* Tuomik. *N*: Esbo. Chvála & Biström 1991 EF 2:3.
- Empis laminata* Coll. *Al, Ab, N, St, Oa, Om, Ob*. Chvála 1991 EF 2:82.
- *staegeri* Coll. *Al*: Eckerö, Hammarland, Saltvik, Jomala, Mariehamn, Lemland. *ibid.*:82.
- *punctata* Meig. *Ka*. Chvála 1994 *Fauna Entomol. Scand.* 29:170.
- Lonchoptera impicta* Zett. Finland. Andersson 1991 *Catal. Pal. Dipt.* 7:140.
- *nigrociliata* Duda Finland. *ibid.*:141.
- *nitidifrons* Strobl Finland. *ibid.*:141.
- Chalarus basalis* Loew *Ab*: Tenala (Albrecht), *N*: Hoplax (Frey). Jervis 1992 *Zool. J. Linn. Soc.* 105:267.
- *- *elegantulus* Jervis *Ab*: Runsala (Frey). *ibid.*:268.
- *fimbriatus* Coe *Al, Ab, N, Ta*. *ibid.*:272.
- *- *gynocephalus* Jervis *Ab*: Björnå (Albrecht). *ibid.*:274.
- *- *juliae* Jervis *N*: Grankulla (Frey). *ibid.*:277.
- *pughi* Coe *Al*: Mariehamn (Frey), Jomala (Krogerus), *N*: Grankulla (Grotenfelt). *ibid.*:284.
- *latifrons* Hardy *Al, Ab, N, Sa, Kl, Om, Li*. *ibid.*:298.
- *perplexus* Jervis *Om*: Jakobstad (Storå). *ibid.*:305.
- *- *brevicaudis* Jervis *Ab*: Vichtis (Frey), *Sa*: Joutseno (Thuneberg). *ibid.*:313
- *- *decorus* Jervis *Al, Ab, N, Sa*. *ibid.*:318.
- *- *indistinctus* Jervis *N, Sa, Om, Ok, Ks, Le, Li*. *ibid.*:325.
- Epistrophe similis* Docz. & Schm. *Ta*. Ståhls 1995 EF 6:7.
- *flava* Docz. & Schm. Finland. *ibid.*:7.
- Metasyrphus abiskoensis* Duš. & Láska *Le*: Kilpisjärvi. Haarto 1995 EF 6:5.
- Sphaerophoria fatarum* Goeld. *Ta, Ob, Lk, Le, Li*. Hedström 1991 *Entomol. Tidskr.* 112:137; Haarto 1995:5; Ståhls 1995:8.
- *bankowskiae* Goeld. *Ab*: Mietoinen; *Lk*: Pallastunturi. Haarto 1995:5; Ståhls 1995:8.
- *batava* Goeld. *Li*: Lemmenjoki (Hellén). Ståhls 1995:7.
- *boreoalpina* Goeld. *Li*: Lemmenjoki (Hellén). *ibid.*:7.
- *laurae* Goeld. *Ta*: Padasjoki; *Le*: Saana. *ibid.*:7.
- Paragus majoranae* Rond. *Al, Ab, N, Ka, Ta*. *ibid.*:7.
- Cheilosia rufimana* (Beck.) *Ta*: Urjala (T.Brandner). *ibid.*:7.
- Chamaesyrrhus caledonicus* Coll. *N*: Tvärminne (Lindberg); *Ob*: Karlö (Nylander). *ibid.*:7.
- Sphegina elegans* Schumm. *N, Ta*. Polevoi & Ståhls 1994 *Sahlbergia* 1:24.
- Drosophila repleta* Woll. *Sb*: Kuopio, *Om*: Raahe. Lakovaara & Itämies 1994 EF 5:149.
- [*Liriomyza sativae* Blanch. Finland. Brax 1991 *Kasvinsuojelulehti* 24:12.]
- [— *huidobrensis* Blanch. Finland. Valtonen 1993 *Kasvinsuojelulehti* 26:85.]
- Chromatomyia linnaeae* (Griff.) *Ok, Ob, Ks, Li*. Itämies 1995 EF 5:187.
- **Minilimosina bicuspis* Roh. *N*: Helsinge (Frey). Rohaček 1993 *Entomol. Arb. Mus. Tierk. Dresden* 55:198.
- Leptocera anceps* (Stenh.) *N, Ta, Sa*. Rohaček 1991 *Cas. Sle. Muz. Opava (A)* 40:136.
- *lugubrina* (Zett.) *Al*: Finström (Frey). *ibid.*:172.
- *hostica* Villen. *Ab*: Pargas (Ingelius). *ibid.*:184.
- *intermedia* (Duda) (sp. dist.) *Al, Ab, Om, Ob*. *ibid.*:218.
- Meromyza curvinervis* Zett. *Ab*: Dragsfjärd. Nartshuk 1992

EF 3:124.

- *elbergi* Fedos. *Al*: Lemland. *ibid.*:124.
 *— *ingrica* Nartsh. *Al, Ab, N, Ka, Ta, Oa, Om, Ob.* *ibid.*:125.
 *— *lidiae* Nartsh. *Ab, N.* *ibid.*:126.
 — *mosquensis* Fedos. *Al, Ab, N, Ta, Sa.* *ibid.*:128.
 — *nigriseta* Fedos. *Ab, N, Sa.* *ibid.*:128.
 — *palposa* Fedos. *Al, Ab, N, St, Ta, Ob.* *ibid.*:129.
 — *pluriseta* Pét. *Al, Ab, N, Ka, Ta, Oa, Tb, Kb, Om, Ob.* *ibid.*:129.
 — *rohdendorfi* Fedos. *Ab*: Nagu & Dragsfjärd. *ibid.*:131.
 — *rostrata* Hub. *Ab*: Karislojo. *ibid.*:131.
 — *sororcula* Fedos. *Ab, N, Ka, St, Ta, Sa, Om, Ob.* *ibid.*:133.
 — *triangulina* Fedos. *Al, Ab, N, St.* *ibid.*:133.
 *— *zimerla* Nartsh. *Al, N, Ka.* *ibid.*:135.
Phorbia phrenione (Seguy) *Al, Ab, N, St, Ta, Sa, Tb, Sb, Ob, Lk, Le, Li.* Väre & Itämies 1995 *Sahlbergia* 2:120.
Pollenia angustigena Wainwr. *Al, Ab.* Rognes 1991 *Fauna Entomol. Scand.* 24:221.
 — *hungarica* Rogn. *N, Ta.* *ibid.*:226.
 — *pediculata* Macq. *Al, Ab, N, Ta, Sa, Oa.* *ibid.*:233.
Melinda gentilis Rob.-Desv. *Ab*: Mietoinen, Kaarina. Haarto 1995:6.
Onesia floralis Rob.-Desv. *Ab*: Korppoo. *ibid.*:6.

Present number: 5170 – 26 + 93 = 5237 spp.

Hymenoptera

Deletions

- Arge pyrenaica* (André) (= *A. ochropus* (Gmel.)) Zhelochovtsev & Zinovjev 1995 *Entomol. Obozr.* 74:400.
 — *fuscipes* (Fall.) (= *A. ustulata* (L.)) *ibid.*:400.
Atractogaster semisculptus Kriechb. Recorded outside Finland. Koponen & al. 1995 *Sahlbergia* 2:89.
Eridolius alpicola (Holmgr.) (= *E. dorsator* (Thunb.)) Kasparyan 1990 *Fauna SSSR* 141:166.
 — *praeustus* (Holmgr.) (= *E. flavomaculatus* (Grav.)) *ibid.*:171.
 — *marginatus* (Thoms.) (= *E. pictus* (Grav.)) *ibid.*:186.
Exenterus claripennis Thoms. (= *E. amictorius* (Panz.)) *ibid.*:235.
Gelis nigratus (Först.) (= *G. exareolatus* (Först.)) Schwarz 1995 *Linz Biol. Beitr.* 27:18.
 — *lapponicus* Hellén (= *G. exareolatus* (Först.)) *ibid.*:18.
 — *instabilis* (Först.) (= *G. agilis* (F.)) *ibid.*:26.
 — *breviceps* (Thoms.) (= *G. agilis* (F.)) *ibid.*:26.
 — *cephalotes* Hellén (= *G. agilis* (F.)) *ibid.*:26.
 — *ochraceus* (Först.) (= *G. proximus* (Först.)) *ibid.*:36.
 — *analis* (Först.) (= *G. proximus* (Först.)) *ibid.*:36.
 — *attentus* (Först.) (= *G. proximus* (Först.)) *ibid.*:36.
 — *tonsus* (Först.) (= *G. proximus* (Först.)) *ibid.*:36.
 — *inflatipes* Hellén (= *G. proximus* (Först.)) *ibid.*:37.
 — *sericeus* (Först.) (= *G. acarorum* (L.)) *ibid.*:41.
 — *impotens* (Först.) (= *G. hortensis* (Chr.)) *ibid.*:46.
 — *pumilus* (Först.) (= *G. festinans* (F.)) *ibid.*:64.
Lissonota parallela Grav. (= *L. histrio* (F.)). Not in Finland. Rey del Castillo 1992 *Ann. Soc. Entomol. France*

28:144.

- Cidaphus brischkei* (Szepl.) (f.d., = *C. alarius* (Grav.)). Jussila 1992 *EF* 3:159.
Picrostigeus antennalis Rom. (f.d.) Horstmann 1994 *Zschr. Arb.gem.sch. Österr. Entomol.* 46:113.
 — *anomalus* (Holmgr.) (f.d.) *ibid.*:118.
Syrphoctonus pulcher (Holmgr.) (= *S. gracilentus* (Holmgr.)) Manukyan 1995 *Acta Zool. Fenn.* 199:56.
Ichneumon emancipandus Heinr. (= *I. silaceus* Grav.) Hilpert 1992 *Entomofauna Suppl.* 6:104.
 — *nereni* Thoms. (= *I. sculpturatus* Holmgr.) *ibid.*:126.
 — *hircinus* Holmgr. (= *I. exilicornis* Wesm.) *ibid.*:128.
 — *corfüzi* Thoms. (= *I. insidiosus* Wesm.) *ibid.*:269.
 — *wolteri* Ranin (= *I. latrator picticollis* Holmgr.) *ibid.*:281.
Oncophanes obsoletus Hellén (= *Clinocentrus vestigator* Halid.) Belokobylskij 1995 *J. Nat. Hist.* 29:816.
Monodontomerus obsoletus (F.) (f.d., = *M. vicicellae* (Walk.)) Vikberg & Viitasaari 1991 *EF* 2:75.
 — *dilinae* Palmén (= *M. minor* (Ratz.)) *ibid.*:75.
Synacra brevipennis Kieff. (= *S. brachialis* (Nees)) Macek 1995 *Eur. J. Entomol.* 92:472.
Gonatopus barbatellus Rich. (= *G. sepsoides* Westw.) Olmi 1989 *Frust. Entomol. (N.S.)* 12:341.
Omalus triangulifer Ab. (= *O. auratus* (L.)) Kunz 1994 *Beih. Veröff. Naturschutz Landsch.pfl. Baden-Württ.* 77:19.
Elampus constrictus (Först.) (= *E. panzeri* (F.)) *ibid.*:21.
Hedychrum niemelai Linsm. (= *H. nobile* (Scop.)) *ibid.*:22.
Chrysis helleni Balth. (= *C. bicolor* LeP.) *ibid.*:25.
 — *mediadentata* Linsm. (= *C. mediata* Linsm.) Kimsey & Bohart 1990 *The Chrysidid wasps of the world*, p. 437; Kunz 1994:38.
 — *scintillans* Valk. (= *C. mediata* Linsm.) Kimsey & Bohart 1990:437.
 — *impressa* Schenck (= *C. ignita* (L.)) Kimsey & Bohart 1990:420; Kunz 1994:38.
 — *schencki* Linsm. (= *C. ignita* (L.)) Kimsey & Bohart 1990:421; Kunz 1994:38.
 — *rutiliventris* Ab. (= *C. ignita* (L.)) Kunz 1994:38.
 — *ruddii* Shuck. (= *C. ignita* (L.)) *var.* *ibid.*:38.
 — *angustula* Schenck (= *C. ignita* (L.)) *ibid.*:38.
 — *longula* Ab. (= *C. ignita* (L.)) *ibid.*:38.
 — *subcoriacea* Linsm. (= *C. ignita* (L.)) *ibid.*:38.
Myrmica sabuleti Mein. (f.d., = *M. lonae* Finzi) Saaristo 1995 *EF* 6:155.
 — *specioides* Bondr. (f.d., = *M. scabrinodis* Nyl.) *ibid.*:153.
Pemphredon fennica Meris. (= *P. baltica* Meris.) Dollfuss 1995 *Linz. Biol. Beitr.* 27:951.
 — *clypealis* Thoms. (= *P. morio* v.d.Lind.) Dollfuss 1991 *Stapfia* 24:62; Dollfuss 1995:998.
Stelis minima Schr. (= *S. minuta* LeP. & Serv.) Warncke 1992 *Entomofauna* 13:352.

Additions

- **Trichiosoma nanae* Vikb. & Viitas. *Ab, N, Ka, Ta, Kb, Om, Ok, Ob.* Vikberg & Viitasaari 1991 *EF* 2:68.
Aprosthemina bifidum (Klug) *Ab, N, St, Ta, Sa, Kl.* Viitasaari

- 1990 Rep. Univ. Helsinki Dept. Agric. Forest Zool. 15:13.
- **Dineura pullior* Schm. & W. Le: Kilpisjärvi (Hellén), Li: Inari (Frey) & Utsjoki. Schmidt & Walter 1995 Entomol. Scand. 26:389.
- Nematus tulunensis* Vikb. Kl: Parikkala. Viitasaari 1991 EF 2:4.
- Pontania gallarum* (Hart.) (*pusilla* Lindqv.) (sp.dist.) Finland. Kopelke 1991 Senckenbergiana Biol. 71:89.
- *- *glaucae* Kopelke (*P. dolichura* auct.) (sp.dist.) Finland. Kopelke 1994 Senckenbergiana Biol. 74:129.
- *- *lapponicola* Kopelke (*P. dolichura* auct.) (sp.dist.) Finland. *ibid.*:129.
- *nigricantis* Kopelke (*P. dolichura* auct.) (sp.dist.) Finland. *ibid.*:129.
- Ephialtes spatulatus* (Town.) Finland. Hedström 1987 Entomol. Tidskr. 108:152; Koponen & al. 1995 Sahlbergia 2:89.
- Liotryphon caudatus* (Ratz.) Ta: Jokioinen (Saaristo). Jussila 1975 Ann. Entomol. Fenn. 41:142; Koponen & al. 1995:90.
- Endromopoda phragmitidis* (Perk.) N, Ka, Ta, Kb. Koponen & al. 1995:88.
- Scambus foliae* (Cushm.) Ab: Karkkila (Vikberg), Ta: Janakkala (Vikberg) *ibid.*:88.
- Schizopyga varipes* Holmgr. sp.dist. Hedström 1990 Entomol. Tidskr. 111:135.
- Piogaster pilosator* (Aub.) Ta: Valkeakoski (E. Saarela). Koponen & al. 1995:88.
- Polysphincta vexator* Fitton & al. Al, Ab, N, Ta, Sa, Ok, Lk, Li. *ibid.*:89.
- Pimpla padellae* Torka (sp.dist.) Koponen & al. 1995:92.
- Pimpla strigipleuris* Thoms. sp.dist. Hedström 1990:136; Koponen & al. 1995:89.
- Megarhyssa perlata* (Christ) Ab, Ta, Sa. Koponen & al. 1995:89.
- Phytodietus arcuatorius* (Thunb.) (sp.dist.). Kasparyan 1993 Entomol. Obozr. 72:879.
- *polyzonias* (Forst.) (*segmentator* Grav.) (sp.dist.) *ibid.*:887.
- Eridolius basalis* (Steph.) Le: Kilpisjärvi (Hinz). Kasparyan 1990 Fauna SSSR 141:157
- Adelognathus stelfoxi* Fitt., G. & Sh. Ta: Forssa (Nylund). Jussila 1991 EF 2:37.
- Dichrogaster heteropus* (Thoms.) Finland. Horstmann 1991 Mitt. Münch. Entomol. Ges. 81:234.
- Cremnodes atricapillus* (Grav.) Finland (Jussila). Horstmann 1993 Entomofauna 14:98.
- Gelis meuseli* (Lange) Finland. *ibid.*:98.
- *proximus* (Först.) (*ochraceus* (Först.), *analis* (Först.), *atentus* (Först.), *tonsus* (Först.)) [Finland]. Schwarz 1995 Linz. Biol. Beitr. 27:36.
- **Endasys lissorulus* Saw. & Luhm. Finland. Sawoniewicz & Luhman 1992 Entomofauna 13:16.
- *thunbergi* Saw. & Luhm. (*rubricator* Thunb. nec Panz.) Finland. *ibid.*:22.
- *transverseareolatus* (Strobl) Finland. *ibid.*:23.
- *cnemargus* (Grav.) Finland. *ibid.*:30.
- *euxestus* (Speis.) Finland. *ibid.*:35.
- *plagiator* (Grav.) Finland. *ibid.*:44.
- *rusticus* (Haberm.) Finland. *ibid.*:45.
- *alutaceus* (Haberm.) Finland. *ibid.*:46.
- * — *microcellus* Saw. & Luhm. Finland. *ibid.*:55.
- *striatus* (Kiss) Finland. *ibid.*:58.
- Phygadeuon acutipennis* Thoms. Finland. Horstmann 1993:110.
- *elegans* (Först.) Finland. *ibid.*:112.
- *paradoxus* (Bridgm.) Finland. *ibid.*:115.
- Atractodes ruficollis* Juss. Lk: Sodankylä. Jussila 1993 EF 4:13.
- **Rhytura europeator* Sawon. N, Om. Sawoniewicz 1993 Entomofauna 14:20.
- **Schenkia humeralis* Sawon. N, St, Ta, Sa. *ibid.*:21.
- Caenocryptus polytomi* (Tschek) (*melanarius* Hellén) N: Helsingfors. Schwarz 1990 Linz. Biol. Beitr. 22:365.
- **Lissonota confusa* Rey del C. (*L. parallela* ab. *confusa* Hellén, sp.dist.) Al, Ab, N, Sa. Rey del Castillo 1992 Ann. Soc. Entomol. France 28:140.
- *lineata* Grav. Finland [Lojo]. *ibid.*:150.
- Sympherta ambulator* (Thunb.) Finland. Hinz 1991 Spixiana 14:33.
- *- *facialis* Hinz (*Stiphrosomus montanus* ab. *facialis* Hellén, sp.dist.) Ab: Bjärnä. *ibid.*:34.
- *foveolator* (Holmgr.) Finland. *ibid.*:35.
- Campodorus hamulus* (Grav.) Ab, N, St. Jussila 1991 EF 2:37.
- *hyperboreus* (Holmgr.) Le: Enontekiö. *ibid.*:38.
- *rubidus* (Thoms.) Le: Enontekiö, Li: Utsjoki. *ibid.*:38.
- *suspiciax* (Holmgr.) Le: Enontekiö. *ibid.*:38.
- Mesoleius immarginatus* Thoms. Al, Ab, Oa, Tb, Ok. *ibid.*:38.
- *sinuatus* Thoms. Ab, Ka, Sb. *ibid.*:38.
- Saotis dorsatus* (Thoms.) Al: Mariehamn. *ibid.*:39.
- *nigriventris* (Thoms.) Sb: Nilsjä. *ibid.*:39.
- Syndipnus atricornis* (Thoms.) Ta: Urjala & Humppila, Li: Utsjoki. *ibid.*:39.
- Campoplex ferinus* (Holmgr.) N: Helsinki (O. Peltonen). *ibid.*:39.
- Echthronomas tricincta* (Grav.) Ab, St, Ta, Sa, Oa, Sb. *ibid.*:39.
- Bathyplectes stenostigma* (Thoms.) Ab, Ta, Oa. *ibid.*:40.
- Callidora albovincta* (Holmgr.) N, Ka. *ibid.*:40.
- *analis* (Grav.) Ta: Forssa (Rämö). *ibid.*:40.
- Delopia baueri* (Hinz) Ta: Somero (E. Saaristo). *ibid.*:40.
- *carpathica* (Szepl.) Ab: Uusikaupunki. *ibid.*:40.
- Phobocampe neglecta* (Holmgr.) Lk: Savukoski (R. Ruohomäki). Jussila 1992 EF 3:159.
- Hyposoter tricolor* (Ratz.) Al, Ab, Oa. Jussila 1991:41.
- Olesicampe curtigena* (Thoms.) Ab: Sauvo. *ibid.*:41.
- Diaparsis carinifer* (Thoms.) St: Pori Reposari. *ibid.*:41.
- Probles tenuicornis* Horstm. Le: Enontekiö. *ibid.*:41.
- Cidaphus alarius* (Grav.) Ab, Ka, Ta. Jussila 1992 EF 3:159.
- Mesochorus albipes* Thoms. Ob: Oulu & Kemi. *ibid.*:160.
- *globulator* (Thunb.) Al, Ab, N, Ka, St, Ta, Tb. *ibid.*:160.
- *lapponicus* Thoms. Ab, St. *ibid.*:160.

- *novus* Kiss *Ab*: Kustavi, *Li*: Utsjoki. *ibid.*:160.
 — *temporalis* Thoms. *Al, Ab, N, Ka, St, Ta, Sa, Oa, Tb, Kb, Om, Ok, Ob, Li*. *ibid.*:160.
 — *velox* Holmgr. *Ab, N, Ka, St, Ta*. *ibid.*:162.
Entypoma robustator Aub. *Ab*. Jussila 1994 EF 5:121.
Aniseres pallipes Först. *Ab, Ta*. *ibid.*:116, 121.
 *— *lapponicus* Juss. *Li*: Utsjoki (Koponen & Linnaluoto). *ibid.*:117, 121.
Plectiscidea nava (Först.) *Al*: Lemland, *Li*: Utsjoki. *ibid.*:120.
 — *substantiva* Ross. *Sr*: Pori (V.Lauro). *ibid.*:120.
 — *subteres* (Thoms.) *Al*: Jomala (H.Bruun). *ibid.*:116, 120.
Aperileptus microspilus Först. *Ab, Ka, St, Li*. *ibid.*:119.
 *— *rossemi* Juss. *N*: Siuntio. *ibid.*:115, 120.
 — *viduatus* Först. *Ta*: Lempäälä (O.Sotavalta). *ibid.*:120.
Symplecis invisitata Ross. *Al, Ab, St, Oa, Ok*. *ibid.*:117, 122.
 — *breviuscula* Rom. *Sa*: Joutseno. *ibid.*:122.
Helictes fabularis Ross. *Ab*: Sauvo, *Ka*: Virolahti. *ibid.*:121.
 — *incongruens* Ross. *Le*: Enontekiö (T.Lammes). *ibid.*:121.
Megastylus pectoralis (Först.) *Al, Ab, N, Ka, Li*. *ibid.*:119.
Orthocentrus ambiguus Holmgr. *Li*: Utsjoki (S.Koponen). *ibid.*:122.
 — *hirsutor* Aub. *St*: Reposaari (V.Lauro). *ibid.*:122.
 — *patulus* Holmgr. *Al*: Mariehamn & Finström. *ibid.*:122.
 — *thomsoni* Rom. *Ab*: Turku & Tenala. *ibid.*:122.
 **Picrostigeus brevicauda* Horstm. *Li*: Utsjoki (Jussila). Horstmann 1994 Zschr. Arb.gem.sch. Österr. Entomol. 46:114.
 *— *obscurus* Horstm. "Finland" (Jussila). *ibid.*:117.
 — *setiger* (Brischke) "Nordfinland" (Jussila). *ibid.*:118.
Stenomacrus laticollis (Holmgr.) *Li*: Utsjoki (Koponen & Linnaluoto). *ibid.*:123.
 — *minutissimus* (Zett.) *Le*: Kilpisjärvi (Palmgren). *ibid.*:123.
 **Aethecerus ranini* Gokhm. *N*: Helsinki (Ranin). Gokhman 1991 Zool. Zh. 70(12):78.
Macrocentrus blandus Ead. & Cl. *Ab, N, Sa*. Koponen 1992 EF 2:196.
 — *equalis* Lyle *N*: Vantaa (Peltonen). *ibid.*:197.
 — *gibber* Ead. & Cl. *Al, Ab, N, Ka, Sb*. *ibid.*:197.
 — *nidulator* (Nees) *Ab, N, Ta, Sa*. *ibid.*:197.
 — *nitidus* (Wesm.) *Al, N, Sa, Kl*. *ibid.*:197.
 — *pallipes* (Nees) *Ab, N, St, Ta*. *ibid.*:198.
 — *thoracicus* (Nees) *Al, Ab, N, Ka, Sa*. *ibid.*:198.
Blacus interstitialis Ruthe *N*: Pernå (Nordström). *ibid.*:195.
Agathis glabricula Thoms. *Ab, N, St*. *ibid.*:195.
 — *malvacearum* Latr. *Sa*: Valkeala (Peltonen). *ibid.*:196.
 — *tibialis* Nees *Al, N, St, Ta, Oa, Sb*. *ibid.*:196.
Bassus clausathalianus (Ratz.) *Al, Ab, N, Ta, Sb, Kb, Ob*. *ibid.*:196.
 — *rufipes* (Nees) *N*: Ingå. *ibid.*:196.
Microplitis marshallii Kok. *N*: Nurmijärvi. *ibid.*:199.
 — *ratzeburgi* (Ruthe) *Ta, Ok*. *ibid.*:199.
 — *varipes* (Ruthe) *N*: Helsinki, Nurmijärvi. *ibid.*:200.
 — *viduus* (Ruthe) *Al, N*. *ibid.*:200.
Microgaster acilius Nixon *N*: Vantaa. *ibid.*:200.
 — *alebion* Nixon *N, Ta, Sa, Kl, Kb, Ob*. *ibid.*:200.
Paroplitis wesmaeli (Ruthe) *Al, N, St, Oa, Li*. *ibid.*:202.
Diolcogaster flavipes (Halid.) *Sa, Sb*. *ibid.*:202.
 — *minuta* (Reinh.) *Tb*: Keuruu (Carpelan). *ibid.*:202.
 — *scotica* (Marsh.) *Ta*: Lammi, *Sa*: Mikkeli. *ibid.*:202.
Protapanteles mandanis (Nixon) *Ta*: Janakkala (Peltonen). *ibid.*:202.
Glyptapanteles aliphera (Nixon) *Ab*: Korpo. *ibid.*:202.
 — *porthetriae* (Muesebl.) *Ta*: Janakkala (Peltonen). *ibid.*:203.
Cotesia lineola (Curt.) *N*: Helsinki, *Sa*: Taipalsaari. *ibid.*:203.
 — *salebrosa* (Marsh.) *N*: Helsinki (Peltonen). *ibid.*:204.
Dolichogenidia lacteicolor (Vier.) *N*: Tvärminne. *ibid.*:205.
Chorebus gracilis (Nees) *N, Sa*. Gannota 1993 EF 4:13.
 — *bathyzonus* Marsh. *Ab, N, Oa, Tb*. *ibid.*:13.
 — *petiolatus* (Nees) *N*: Helsinki (Koponen). *ibid.*:13.
 — *leptogaster* (Hal.) *N*: Nurmijärvi (Koponen). *ibid.*:13.
 — *abnormiceps* Nixon *Ab*: Vihti (Koponen). *ibid.*:13.
Gnamptodon decoris (Först.) *Al*: Finström, *N*: Nurmijärvi. Koponen 1992:195.
Dendrosoter protuberans (Nees) *N*: Helsinki & Tuusula. *ibid.*:194.
Coeloides filiformis Ratz. *Al*: Sund (Mannerkoski). *ibid.*:194.
 — *forsteri* Haes. *Ta*: Nokia (Grönblom). *ibid.*:194.
Ephedrus chaitophori Gärd. *N, Ta, Om*. Koponen & Halme 1993 EF 4:32.
 *— *koponeni* Halme *N, St, Ta, Sa*. Halme 1992 EF 3:113.
 — *longistigmus* Gärd. *Ab, N, Sb, Ok, Lk*. Koponen & Halme 1993:32.
 — *vaccinii* Gärd. *Ab, N, Ta*. *ibid.*:33.
Monodontomerus vicicellae (Walk.) *Ka*: Anjalankoski, *Kb*: Kontiolahti, Vikberg & Viitasaari 1991 EF 2:75.
Ablaxia squamifera (Thoms.) *N*: Helsinki (E.Kangas). Koponen 1994 EF 5:5.
Minotetrastichus ecus (Walk.) Finland. Graham 1987 Bull. Brit. Mus. (Nat. Hist.) Entomol. 55:54.
Sigmophora brevicornis (Panz.) Finland. *ibid.*:79.
Aprostocetus rubi Grah. *Ta*: Vanaja (Valkeala). *ibid.*:319.
 — *pygmaeus* (Zett.) Finland. *ibid.*:340.
Aphelopus camus Rich. *Sa*: Taipalsaari. Olmi 1994 Fauna Entomol. Scand. 30:41.
 — *querceus* Olmi *Ab, Sa*. *ibid.*:43.
Anteon exiguum (Haupt) *Al*: Lojo, *N*: Helsinge, *Li*: Ivalo. Olmi 1989 Frust. Entomol. (N.S.) 12:155.
 — *infectum* (Hal.) *N*: Helsinki. Olmi 1994:57.
Gonatopus formicicola (Rich.) *N*: Tvärminne. *ibid.*:72.
Myrmica hellenica Forel *N*: Hanko. Saaristo 1995 EF 6:154.
 — *lonae* Finzi (*sabuleti* auct.) "Südfinland". Seifert 1994 Abh. Ber. Naturkundemus. Görnitz 67(3):12; Saaristo 1995:155.
 — *microrubra* Seif. *Ab, N*. Saaristo 1995:155.
Leptothorax interruptus (Schenck) *Ab, N, St, Kb*. Gallé 1991 Holarct. Ecol. 14:33; Kuussaari & al. 1995 Baptria 20:16; Saaristo 1995:159.
 — *kuteri* Busch. *Al, Ab, N, Ka, St, Oa, Kb, Ok, Ob, Ks, Lk*. Kuussaari & al. 1995:16; Saaristo 1995:159.
 — *nylanderi* (Först.) *N*: Tvärminne. Gallé 1991:33.
Tapinoma melanocephalum (F.) *N*: Helsinki. Rosengren

1992 EF 3:6.

Formica cunicularia Latr. *Ab, N, Sa.* Albrecht 1993 EF
4:13.

Bombus terrestris (L.) (*audax* (Harr.)) *N:* Helsinki. Pekkarinen

& Kaarnama 1994 *Sahlbergia* 1:11.

— *cryptarum* (F.) *Lk:* Sodankylä. Salmi 1993 *Diamina* 2:22.

— *magnus* (Trautm.) *Al:* Eckerö. *ibid.*:23.

Present number: 5644 – 53 + 164 = 5755 spp.