

Changes 1996–2000 in the list of Finnish insects

Hans Silfverberg

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During the period 127 species have been deleted from the list of Finnish insects, and 555 species have been added to it. At the end of the year 2000, a total of 19 977 insect species were recorded from Finland.

Hans Silfverberg, Zoological Museum, P.O. Box 17, FIN-00014 University of Helsinki, Finland; E-mail: hans.silfverberg@helsinki.fi.

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This paper is a sequel to a similar list published in 1996 (Silfverberg, Entomol. Fenn. 7: 39–49), which itself was a continuation of a series of lists published in 1921–1991 first by Hellén and then by Silfverberg. 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 did not give a more exact location.

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. Again 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 127 species deleted from the Finnish

fauna, and 555 species added to it. At the end of year 2000, a total of 19 977 insect species were known from Finland.

Collembola

Deletions

Ceratophysella armata (Nicol.) (f.d. = *C. scotica* (Carp. & Ev.). Fjellberg 1998 Fauna Ent. Scand. 35: 40, 42.
— *longispina* (Tullb.) (f.d.). *ibid.*: 41.

Additions

Hypogastrura neglecta (Börn.) (sp. dist.) *Kb, Om, Ob*. Fjellberg 1998: 32, 161.
Ceratophysella succinea Gisin *Ab. ibid.*: 45, 163.
Anurida ellipsoides Stach *Oa. ibid.*: 84, 169.
Archaphorura serratotuberculata Stach *Ab. ibid.*: 101, 171.
Oligaphorura schoetti (Lie Pett.) *Om. ibid.*: 103, 171.
Protaphorura subuliginata (Gisin) *Ab, Ta, Tb. ibid.*: 114, 173.
— *pannonica* (Hayb.) *Ab. ibid.*: 117, 173.
— *fimata* (Gisin) *Ta. ibid.*: 118, 173.
Tullbergia arctica Wahlgr. *Li. ibid.*: 128, 175.
Paratullbergia callipygos (Börn.) *Ab. ibid.*: 131, 175.

- Mesaphorura critica* Ellis *Ab.* *ibid.*: 141, 177.
 — *hylophila* Rusek *Ta.* *ibid.*: 141, 177.
 — *tenuisensillata* Rusek *Ab, Ta, Li.* *ibid.*: 141, 177.
 **Folsomia palaeartica* Pot. & Bab. *Li:* Utsjoki Kevo (“S. Kopponen”). Potapov & Babenko 2000 *Eur. J. Ent.* 97: 57.

Present number: 206 – 2 + 14 = 218 spp.

Ephemeroptera

Additions

- Potamanthus luteus* (L.) *Ka:* Kotka, *Ta:* Kuusankoski. Vuori 1999 *EF* 10: 171.
Ephemerella lineata Eat. *Ta:* Kuusankoski. Vuori & Savolainen 1999 *Sahlbergia* 4: 53.
Heptagenia flavata (Rost.) *N:* Vantaa. Hirvenoja 2000 *Memoranda Soc. Fauna Flora Fenn.* 76: 32.
Baetis tracheatus Keff. & Mach. *Lk:* Kittilä. Savolainen & Saura 1996 *Sahlbergia* 3: 28.

Present number: 51 + 4 = 55 spp.

Psocoptera

Additions

- Caecilius atricornis* (McLachl.) *Ab:* Turku. Kanervo 1996 *EF* 7: 1.
Peripsocus subfasciatus (Ramb.) *Ab:* Turku. *ibid.*: 1.
Amphigerontia intermedia (Tet.) *Ab:* Turku. Kanervo 1997 *EF* 8: 1.

Present number: 62 + 3 = 65 spp.

Hemiptera

Deletions

- Nysius groenlandicus* (Zett.) (= *N. ericae* (Schill.), var.). Pericart 1998 *Faune de France* 84A: 217.
Aphalara pauli Login. (f.d. = *A. ulicis* Först.). Burckhardt & Lawrence 1997 *Ent. Scand.* 28: 293.
Dysaphis aizenbergi (Shap.) (f.d. = *Brachycaudus linariae* Stroy.). Heikinheimo 1997 *EF* 7: 175.

Additions

- Stenocranus major* (Kirschb.) *Ta:* Jokioinen. Rinne & Vasarainen 1998 *EF* 9: 1.
Zygina nigratarsis Rem. *Ab:* Korpo. Rinne 1996 *EF* 7: 1.
Aphalara ulicis Först. (*pauli* auct.). Finland. Burckhardt & Lawrence 1997 *Ent. Scand.* 28: 295.
 *— *freji* Burckh. & Lawr. (*polygoni* auct.). Finland. *ibid.*: 296.
Pemphigus spyrothecae Pass. *N:* Helsinki (Nuorteva). Heikinheimo 1997 *EF* 7: 162.
Callipterinella minutissima (Stroy.) *N, Sa, Ob.* *ibid.*: 162.
Tuberculatus querceus (Kalt.) *N:* Vantaa. *ibid.*: 164.
Thripsaphis caespitosae Oss. *Lk:* Sodankylä. *ibid.*: 165.
 — *brevicornis* Oss. *Ta:* Janakkala (V. Vikberg). *ibid.*: 165.
Iziphya bufo (Walk.) *N:* Tvärminne (A. Albrecht). *ibid.*: 165.
Chaitophorus ramicola (Börn.) *Ab, N, Ta.* *ibid.*: 167.
 [*Rhopalosiphum rufiabdominale* (Sas.) *St:* Noormarkku. *ibid.*: 168]
Melanaphis elisabethae (Oss.) *N:* Vantaa, *Sa:* Mikkeli. *ibid.*: 168.
Schizaphis agrostis HRL *Sa, Oa, Om, Ok, Ob.* *ibid.*: 168.
 — *dubia* Hucul. *N:* Vantaa. *ibid.*: 169.
 — *jaroslavi* (Mordv.) *N, Kb, Ks.* *ibid.*: 170
 — *caricis* (Schout.) *Ab, N, St, Ta, Om, Ks.* *ibid.*: 172.
Aphis avicularis (L.) *N:* Vantaa. *ibid.*: 173.
 — *longirostrata* HRL *N, St.* *ibid.*: 173.
Brachycaudus linariae Str. *N:* Vantaa. *ibid.*: 175.
Myzus certus (Walk.) *Al:* Jomala, *N:* Vantaa. *ibid.*: 177.

Present number: 1359 – 3 + 20 = 1376 spp.

Coleoptera

Deletions

- Ochthebius rugulosus* Woll. (f.d. = *O. alpinus* (Ien.) & *O. hungaricus* Endr.-Y.) Jäch 1998 *Koleopterol. Rundschau* 68: 179–180.

- Ptilium affine* Er. (f.d. = *P. exaratum* (Allib.))
Rutanen 1996 EF 7: 3.
- Bledius bosnicus* Bernh. (f.d. = *B. erraticus* Er.)
Clayhills 1996 EF 7: 68.
- Globicornis corticalis* (f.d. = *G. emarginata*
(Gyll.)) Mannerkoski 1996 EF 7: 3.
- Dasytes nigrocyaneus* Muls. & Rey (f.d. = *D.*
obscurus Gyll.) Mannerkoski 1996: 3.
- Epuraea melanocephala* (Marsh.) (f.d. = *Nitidula*
rufipes (L.)) Mannerkoski 1996: 3.
- *concurrans* Sjöb. (= *E. hilleri* Rtt. (*fageticola*
Aud.)). Kirejtshuk 1997 Zoosyst. Ross. 6: 259.
- Hyperaspis reppensis* (Hbst.) (f.d. = *H. pseudo-*
pustulata Muls. Clayhills 2000 EF 11: 111.
- Cis castaneus* Mell. (f.d. = *Ennearthron cornutum*
(Gyll.)) Mannerkoski 1996: 3.
- Anthicus axillaris* Schm. (f.d. = *A. flavipes* (Panz.))
Mannerkoski 1996: 2.
- Liophloeus lentus* Germ. (f.d. = *L. tessulatus*
(Müll.)) Mannerkoski 1999 EF 10: 5.
- Hypera venusta* (F.) (f.d. = *H. meles* (F.)) Manner-
koski 1996: 3.
- Anthonomus pomorum* (L.) (f.d.) Mannerkoski
1996: 2.
- *ulmi* (DeG.) (f.d. = *A. undulatus* (Gyll.))
Mannerkoski 1996: 3.
- *rufus* (Gyll.) (f.d. = *A. conspersus* Desbr.)
Mannerkoski 1996: 3.
- Ceutorhynchus pyrrhorhynchus* (Marsh.) (f.d. =
C. floralis (Payk.)) Mannerkoski 1996: 3.
- *trimaculatus* (F.) (f.d. = *C. litura* (F.)) Manner-
koski 1996: 3.
- *melanostictus* (Marsh.) (f.d. = *C. arquatus*
(Hbst.)) Clayhills 1999 EF 10: 5.
- Phloeotribus rhododactylus* (Marsh.) (f.d.) Heliö-
vaara *et al.* 1998 Univ. Helsinki Dept. Appl.
Zool. Rep. 25: 86.
- Additions**
- Bembidion azurescens* (D.T.) *N*: Helsinki. West-
man *et al.* 2000 Sahlbergia 5: 39.
- Ochthebius alpinus* (Ieniştea) (*rugulosus* auct. nec
Woll.) *N, Ta, Sb, Kb, Om, Ob, Lk.* Jäch 1998
Koleopterol. Rundschau 68: 179
- *hungaricus* Endr.-Y. (*rugulosus* auct. nec
Woll.) *Ab, N.* *ibid.*: 180.
- **Baranowskiella ehnstromi* Sörens. *Ab*: Pargas (T.
Clayhills), Ekenäs Bromarv (P. Rassi & I. Ru-
tanen). Clayhills 1993 EF 4: 17 [“*Nanosella* sp.”];
Sörensson 1997 System. Entomol. 22: 271.
- Philonthus micantoides* Ben. & Lohse *Ab*: Korpo
Jurmo. Clayhills *et al.* 2000 Metsähall.
Luonnonsuoj.julk. A 113: 77.
- Velleius dilatatus* (F.) *Ab*: Dragsfjärd Örö (J.
Kullberg). Forstén *et al.* 2000 Memoranda
Soc. Fauna Flora Fenn. 76: 62.
- Lesteva punctata* Er. *Ta*: Somero (E. Helve & R.
Iivarinen). Forstén *et al.* 1998 Memoranda
Soc. Fauna Flora Fenn. 74: 90. Iivarinen 1999
EF 10: 2.
- Bledius erraticus* Er. (*bosnicus* auct.) *Ks, Li.*
Clayhills 1996 EF 7: 68.
- Mycetoporus glaber* (Sperk) *Ab*: Pargas (T.
Clayhills). Schülke & Kocian 2000 Entomol.
Bl. 96: 94.
- Atheta (Alaobia) pandionis* Scheerp. *Ok*: Puolanka
& Suomussalmi (R. Leinonen). Rutanen &
Kashevarov 1997 Finn. Environm. 124: 288.
Rutanen & Leinonen 1999 Sahlbergia 4: 56.
- Oligota inexpectata* Will. *Ab*: Dragsfjärd Örö.
Clayhills *et al.* 2000: 52.
- Platysoma compressum* (Hbst.) *Ka*: Virolahti (J.
Muona). Mannerkoski 1999 EF 10: 2.
- Oxythyrea funesta* (Poda) *Sa*: Imatra (E. Helve).
Forstén *et al.* 1997 Memoranda Soc. Fauna
Flora Fenn. 73: 66.
- Limnichus sericeus* (Duft.) *N*: Siuntio, *Kb*: Polvi-
järvi (M. Pohjola). Mannerkoski 1996 EF 7: 1.
[*Lyctus africanus* Lesne] Southern Finland.
Muona 2000 EF 11: 2.
- Anthocomus rufus* (Hbst.) *Ab*: Korpo Jurmo.
Clayhills *et al.* 2000: 51.
- Atomaria lapponica* Johns. *Ab*: Sammatti (J.
Sahlberg), *Ta*: Korpilahti (J. Sahlberg). Clay-
hills 1999 EF 10: 2.
- *strandii* Johns. *Ab*: Karislojo (J. Sahlberg), *N*:
Helsinki (J. Sahlberg). *ibid.*: 2.
- Hyperaspis pseudopustulata* Muls. (*reppensis*
auct.) *Ab-Om* (not as in map). Clayhills 2000
EF 11: 111.
- Corticaria pineti* Lohse Finland. Rassi 1993 WWF
Suom. Rah. Rap. 6: 99.
- [*Stromatium fulvum* (Vill.)] Finland. Muona 2000
EF 11: 2.
- Leptinotarsa decemlineata* (Say) *N, Ka, Ta, Sa,*
Kl, Kb. Tomminen 1999 Kasvinsuojelulehti

- 32: 4. Mikkola 1999 *Baptria* 24: 101.
 [*Otiiorhynchus corruptor* (Hast)] *N*: Hangö.
 Silfverberg 2000 *EF* 11: 2.
Gnathotrichus materiarius (Fitch) *N*: Vantaa.
 Valkama *et al.* 1997 *EF* 8: 155; Valkama *et al.* 1998 *EF* 8: 193.
Pityophthorus morosovi Spess. *Sa*: Sulkava.
 Heliövaara *et al.* 1998 Univ. Helsinki Dept.
 Appl. Zool. Rep. 25: 85.

Present number: 3629 – 19 + 22 = 3632 spp.

Trichoptera

Additions

- Allotrichia pallicornis* (Eat.) *Ka*: Kotka (P. Sundell & J. Kullberg). Salmela 2000 *Diamina* 9: 5.
Hydroptila vectis Curt. *Ob*: Simo, *Li*: Inari. Mattila & Salmela 1999 *Diamina* 8: 1.
 — *dampfi* Ulm. *Ta*: Toijala & Lempäälä. Turunen 1999 *EF* 10: 2.
 **Oxyethira tamperensis* Mal. *Ta*: Tampere (H. Turunen & E. Saarela). Malicky 1999 *Braueria* 26: 44; Turunen 2000 *Diamina* 9: 3.
 — *boreella* Sv. & Tj. *Li*: Inari. Laasonen 2000 *EF* 11: 2.
Crunoecia irrorata (Curt.) *Ab*, *St*, *Ta*, *Oa*. Saarela 1997 *Diamina* 6: 13. Laasonen *et al.* 1998 *EF* 9: 135. Järventausta 1999 *Diamina* 8: 15. Saarela 1999 *EF* 10: 2.
Apatania stylata Navás *Ta*: Valkeakoski (K. Järventausta). Laasonen *et al.* 1998: 134.
Limnephilus hirsutus (Pict.) *Ab*: Korpo Elvsö. Leivo 1996 *Diamina* 5: 28. Laasonen *et al.* 1998: 127. Salokannel 1999 *EF* 10: 2.

Present number: 205 + 8 = 213 spp.

Lepidoptera

Huldén, L. (ed.) 2000. Suomen suurperhosatlas. Finlands storfjärilsatlas. Atlas of Finnish Macrolepidoptera. — Helsinki, 328 pp.

Deletions

- Synanthedon herzi* (Spat. & Gorb.) (f.d.). Kerppola

- 1997 *Baptria* 22: 61.
Hadena bicruris (Hufn.) (f.d. = *capsincola* (D. & Sch.)). Kullberg 1999 *Baptria* 24: 118.

Species reported but later considered incorrect

- Euxoa montivaga* Fib. *Ab*, *N*, *Ka*. Pöyry 2000 *Baptria* 25: 73. Huldén 2000: 284.

Additions

- Ectoedemia longicaudella* Klim. Finland. Vuorinen 1998 *Baptria* 23: 112.
 — *turbidella* (Zell.) *N*: Espoo (M. Tyni) Kaila 1998 *Baptria* 23: 113.
Phyllonorycter pyrifoliellus (Geras.) *Sa*: Lappeenranta. Saarela 1996 *Diamina* 5: 12. Kerppola 1997 *Baptria* 22: 51.
Zelleria hepariella Staint. *Al* (K. Saloranta), *Ab*: Dragsfjärd Örö (A. & J. Kullberg). Vaalamo 1998 *Baptria* 23: 113. Forstén *et al.* 2000 *Memoranda Soc. Fauna Flora Fenn.* 76: 62.
Ypsolopha chazariella (Mann) *N*: Helsinki. Nupponen & Nupponen 1996 *Baptria* 21: 33.
 — *sarmaticella* (Rebel) *Sa*: Joutseno. Huusko & Malinen 1996 *Diamina* 5: 22. Kerppola 1997: 52.
Acrolepia autumnitella Curt. *Ab*: Korpo Jurmo. Kaitila 1998 *Baptria* 23: 113.
Agonopterix subpropinquella *Ka*: Anjalankoski (H. Luoma). Kaitila 2000 *Baptria* 25: 74.
 **Elachista ripula* Kaila *Li*: Utsjoki (E. Linna-
 luoto). Kaila 1998 *EF* 8: 221.
Coleophora limosipennella (Dup.) *Al*: Finström (E. Laasonen). Kerppola 1997: 54.
 — *gallipennella* (Hüb.) *Ab*: Dragsfjärd Örö (J. Kullberg), *N*: Ekenäs Hästö (J. Itämies). Kullberg 1998 *Baptria* 23: 113.
 — *nutantella* Mühl. & Fr. *N*: Kirkkonummi. Junnilainen 1998 *Baptria* 23: 113.
Mompha langiella (Hüb.) *Al*: Eckerö. Nupponen 1997 *Baptria* 22: 1.
Monochroa niphognatha *Ab*: Turku. Winqvist 2000 *Baptria* 25: 74.
Athrips amoenella (Frey) *Ta*: Heinola, Lammi, Hämeenlinna. Kaila & Kerppola 1995 *Baptria* 20: 98 [*Athrips* sp.]. Svensson 1996 *Entomol. Tidskr.* 117: 53. Kerppola 1997: 56. Mutanen

- et al.* 1998: 56.
- Scrobipalpula diffluella* (Frey) *Ks*: Kuusamo Liikasenvaara (J. Kyrki). Huener & Karsholt 1998 *Nota Lepidopterol.* 21: 55.
- Helcystogramma lutatellum* (H.-S.) *Ab*: Dragsfjärd Öro, *N*: Inkoo. Kullberg 2000 *Baptria* 25: 133. Forstén *et al.* 2000 *Memoranda Soc. Fauna Flora Fenn.* 76: 62.
- Neosphaleroptera nubilana* (Hüb.) *Al*: Maarianhamina. Nupponen 1997: 1.
- **Exapate bicuspidella* Bruun & Krog. *Ks*: Kuusamo. Bruun & Krogerus 1996 *EF* 7: 77.
- Lobesia virulenta* Bae & Komai *Al-Ob*. Kaitila 2000 *Baptria* 25: 74.
- Eucosma jaceana* (H.-S.) *Ka*: Koivuluoto (J. Kullberg & P. Sundell). Pöyry 2000: 75.
- Ancylis achatana* (D. & Sch.) *Ab*: Rymättylä (Vuorinen). Kerppola 1997: 58.
- Cydia fagiglandana* (Zell.) *Ab*: Dragsfjärd Öro. Kullberg 1998 *Baptria* 23: 113. Kullberg 1999 *Baptria* 24: 152.
- Epermenia falciformis* (Haw.) *Al, N, Ka, Ta, Ok, Ob*. Laasonen & Laasonen 1998 *Baptria* 23: 120.
- Psorosa nucleolella* (Möschl.) *N*: Borgå Munkby. Landtman 1999 *Baptria* 24: 114.
- Phycitodes lacteella* (Rothsch.) *N*: Kirkkonummi. Junnilainen 2000 *Baptria* 25: 75.
- Vitula edmandsii* (Pack.) *N*: Tammisaari (K. Mikkola). Kullberg 1999 *Baptria* 24: 114.
- Loxostege turbidalis* (Tr.) *Ka*: Virolahti (J. Kullberg & M. Kuisma). Kullberg 2000 *Baptria* 25: 136.
- Palpita vitrealis* (Rossi) (*unionalis* (Hüb.)) *Ka*: Virolahti. Savela 1999 *Baptria* 24: 116. Kaitila 2000 *Baptria* 25: 74.
- Dolicharthria punctalis* (D. & Sch.) *Ab*: Dragsfjärd Öro. Kullberg 1997 *Baptria* 22: 135. Forstén *et al.* 2000: 62.
- Cupido* (*Everes*) *alcetas* (Hoffm.) *Sa*: Imatra (H. Nurmi). Kullberg 1996 *Eläinmaailma* 18(4):58. Huldén 2000: 56. Kolev & Kullberg 2000 *Baptria* 25: 157.
- [*Morpho peleides* Koll. *N*: Helsinki (M. Honkanen). Holmberg 1999 *Baptria* 24: 177.]
- Cyclophora linearia* (Hüb.) *Ab*: Dragsfjärd Öro (J. Kullberg), *N*: Vantaa (T. Salin). Mikkola 1999 *Baptria* 24: 101; Kullberg 1999 *Baptria* 24: 149. Kaitila *et al.* 1999 *Baptria* 24: 185. Huldén 2000: 83.
- Eupithecia distinctaria* H.-S. *Ab*: Dragsfjärd Öro. Kullberg 2000 *Baptria* 25: 1. Huldén 2000: 125.
- (*Chloroclystis v-ata*) **relicta* Krog. *Ab*: Karislojo. Krogerus 1996 *EF* 7: 63. Huldén 2000: 292.
- Odonestis pruni* (L.) *Ka*: Virolahti. Kullberg 1999 *Eläinmaailma* 21(10):9. Huldén 2000: 159.
- Cerura erminea* (Esp.) Finland. Mikkola 2000 *Suomen Luonto* 59(9):42.
- Cucullia fraterna* Butl. *N*: Elimäki. *Baptria* 22: 101. Huldén 2000: 209.
- Hoplodrina ambigua* (D. & Sch.) *N*: Hangö. *Baptria* 22: 101. Huldén 2000: 217.
- Mormo maura* (L.) *Ka*: Kotka (T. Nikki). Mikkola 1997 *EF* 8: 132. Repo & Kullberg 1998 *Baptria* 23: 135. Huldén 2000: 296.
- Dicycla oo* (L.) *N*: Helsinki (L. Öberg) & Sipoo (M. Varesvuo). Kaila 1998 *Baptria* 23: 113. Repo & Kullberg 1998: 136. Kaitila *et al.* 1999: 197. Huldén 2000: 222.
- Agrochola lychnidis* (D. & Sch.) *Al*: Kökar, *N*: Esbo. Grotenfelt 1999 *Baptria* 24: 114. Huldén 2000: 226.
- **Discestra* [*Hadula*] *farnhami palaeartica* Hacker. *Ob*: Rovaniemi. Hacker 1998 *Esperiana* 6: 689. Kaila & Kullberg 2000 *Baptria* 25: 74. Huldén 2000: 297.
- Lacanobia splendens* (Hüb.) *N*: Kirkkonummi (Sundell & Elo). Repo & Kullberg 1997 *Baptria* 22: 43. Sundell 1997 *Baptria* 22: 46. Huldén 2000: 253.
- Hadena luteago* (D. & Sch.) *N*: Pernå (B. G. Kumlander), *Ka*: Kotka, Hamina & Virolahti. Repo & Kullberg 1997: 43. Silvonen 1998 *Baptria* 23: 22. Repo & Kullberg 1998: 138. Huldén 2000: 250.
- *capsincola* (D. & Sch.) (*bicruris* auct.) *Al-Ob*. Kullberg 1999 *Baptria* 24: 174. Huldén 2000: 253.
- Mythimna l-album* (L.) *Ab*: Kustavi (P. Grotenfelt); *N*: Hanko (J. & A. Kullberg) & Helsinki (H. Koski). Kaitila *et al.* 1999: 185. Huldén 2000: 261.
- Noctua interjecta* Hüb. *N*: Hanko (P. Koskinen); *Ka*: Kotka (T. Nikki). Mikkola 1997 *EF* 8: 132. Repo & Kullberg 1998: 138. Huldén 2000: 270.
- Xestia atrata* (Morr.) *Ks*: Kuusamo (P. Sundell). Sundell 2000 *Baptria* 25: 77. Huldén 2000: 276. Sundell & Lundsten 2000 *Baptria* 25: 92. Forstén *et al.* 2000: 62.
- *agathina* (Dup.) *Ab*: Kustavi (P. Grotenfelt). Kaitila *et al.* 1999: 185. Huldén 2000: 279.

- Euxoa eruta* (Hübner) Finland. Kullberg 1999 Baptria 24: 118. Kullberg 2000 Baptria 25: 73. Huldén 2000: 284.
Euplagia quadripunctaria (Poda) Ka: Karhula (L. Solanterä). Luukkonen 2000 Baptria 25: 75. Huldén 2000: 181.

Present number: 2378 – 2 + 50 = 2426 spp.

Diptera

Deletions

- Bezzia xanthocephala* Goetgh. (= *B. leucogaster* (Zett.)). Szadziwski 1986 Polskie Pismo Entomol. 56: 91.
Cheilisia honesta Rond. (= *C. barbata* Loew). Claussen & Thompson 1996 Stud. dipterol. 3: 278.
 — *nasutula* Beck. (= *C. vicina* (Zett.)). Lucas, Nielsen & Ståhls 1995 Internat. Journ. Dipterol. Res. 6: 3.
Eristalis vallei (Kan.) (= *E. fratercula* (Zett.)). Nielsen 1995 Intern. J. Dipterol. Res. 6: 130.
Hydrellia chrystostoma (Meig.) (= *H. griseola* (Fall.)). Zatwarnicki 1988 Polskie Pismo Entomol. 58: 598.
Chamaepsila nigromaculata (Strobl) (= *C. bicolor* (Meig.)). Carles-Tolrá 1995 Graellsia 49: 93.
Phytobia betulae (Kangas) (= *P. cambii* (Hend.)). Tschirnhaus 1992 Decheniana Beih. 31: 480.
Liriomyza pedestris Hend. (= *L. richteri* Her.). Tschirnhaus 1981 Spixiana Suppl. 6: 32.
Stiphrosoma [*Anthomyza*] *cingulatum* (Halid.) (f.d. = *S. laetum* (Meig.)) Roháček 1996 Europ. J. Entomol. 93: 119.
Chlorops figuratus Zett. (f.d. = *C. zonulatus* Wahlgr.). Nartshuk 1998 EF 9: 154.
 — *geminatus* Meig. (f.d. = *C. zonulatus* Wahlgr.). *ibid.*: 154.
 — *triangularis* Beck. (= *C. planifrons* Loew, var.). *ibid.*: 154.
Peribaea setinervis (Thoms.) (*fissicornis* (Strobl)) (f.d. = *P. hertingi* And.). Andersen 1996 Fauna Ent. Scand. 33: 72.
Entomophaga [*Ceromya*] *nigrohalterata* Vill. (doubtful record). *ibid.*: 53.
Entomophaga exoleta (Meig.) (f.d.). *ibid.*: 55.
Aphantorhaphopsis [*Ceranthia*] *selecta* (Pand.) (f.d.). *ibid.*: 111.
Siphona cristata (F.) = *geniculata* (DeG.). *ibid.*: 94.

Additions

- Psectrocladius barbatipes* Kieff. Lk: Sodankylä Lokka. Hirvenoja 1998 Oulanka rep. 18: 38.
Chironomus borokensis Kerk. et al. Tb: Jyväskylä (L. Paasivirta). Wülker 1999 Stud. Dipterol. 6: 426.
 — *muratensis* Ryser et al. Ta: Vanajavesi, Tb: Jyväskylä. *ibid.*: 426.
 — *sororius* Wülk. Oa: Nurmo/ Seinäjoki (E. Koskenniemi). *ibid.*: 426.
 — *acutiventris* Wülk. et al. Oa: Seinäjoki (E. Koskenniemi). *ibid.*: 428.
 — *melanotus* Keyl Lk: Sodankylä. *ibid.*: 429.
 — *heteropilicornis* Wülk. Kyrkösjärvi, Liikapurro, Vatianjärvi, Venetjärvi. *ibid.*: 429.
 *— *esai* Wülk. Oa: Nurmo & Jalasjärvi (E. Koskenniemi), Tb: Laukaa (L. Paasivirta). Wülker 1997 EF 8: 172. Wülker 1999: 429.
 — *melanescens* Keyl Oa: Nurmo (E. Koskenniemi). Wülker 1999: 432.
 — *macani* Freem. Venetjärvi. *ibid.*: 433.
 *— *brevidentatus* Hirv. & Mich. Lk: Sodankylä Lokka. Hirvenoja & Michailova 1998 EF 9: 226.
 *— *improvidus* Hirv. Lk: Sodankylä Lokka. Hirvenoja 1998: 45.
 *— *coetaneus* Hirv. Lk: Sodankylä Lokka. *ibid.*: 53.
Bolitophila austriaca Meyer Kb: Ilomantsi. Polevoi 1995 Karel. Biosph. Res. Stud., p.162.
 *— *limitis* Polev. Kb: Ilomantsi. Polevoi 1996 Zoosyst. Ross. 4: 177.
 — *nigrolineata* Landr. Kb: Ilomantsi. Polevoi 1995: 162. Polevoi 1996: 179.
 — *obscurior* Stack. Kb: Ilomantsi. Polevoi 1995: 162. Polevoi 1996: 179.
Neoplatyura flava (Macq.) Kb: Ilomantsi. Polevoi 1995: 163. Polevoi 1996: 181.
Orfelia falcata Zaitz. Kb: Ilomantsi. Polevoi 1996: 181.
 **Diadocidia trispinosa* Polev. Kb: Ilomantsi. *ibid.*: 180.
Leptomorphus quadrimaculatus Mats Polevoi 1995: 163.
Paratinia sciarina Mik Kb: Ilomantsi. *ibid.*: 163.
Sciophila buxtoni Freem. Kb: Ilomantsi. *ibid.*: 163.

- *quadriterga* Huts. *Kb*: Ilomantsi. *ibid.*: 163.
- Boletina dissipata* Plass. *Al*: Lumparland. Hedmark 1998 *Entomol. Tidskr.* 119: 6.
- Coelophthinia thoracica* (Winn.) *Al*: Lumparland, *Kb*: Ilomantsi. Hedmark 1998: 7. Polevoi 1995: 164.
- Coelosia bicornis* Stack. *Ob*: Rovaniemi Pisavaara (R. Tuomikoski). Söli 1997 *Entomol. Scand.*, Suppl. 50: 134.
- Palaeodocosia janickii* (Dziedz.) *Al*: Lumparland. Hedmark 1998: 8.
- Ectrepesthoneura referta* Plassm. *Kb*: Ilomantsi. Polevoi 1995: 164.
- Leia crucigera* Zett. *Al*: Lumparland. Hedmark 1998: 8.
- Mycetophila assimilis* Mat. *Kb*: Ilomantsi. Polevoi 1995: 164.
- *brevitarsata* (Lašt.) *N*: Esbo, *Kb*: Ilomantsi. Laštovka 1963 *Čas. českosl. Spol. Entomol.* 60: 320. Polevoi 1995: 164.
- *estonica* Kur. *Kb*: Ilomantsi. Polevoi 1995: 164.
- *lunata* Meig. *Kb*: Ilomantsi. *ibid.*: 164 (previously included with doubt).
- *stricklandi* Laff. *Kb*: Ilomantsi. *ibid.*: 164.
- Phronia gagnei* Chandl. *Kb*: Ilomantsi. *ibid.*: 165.
- Zygomia pseudohumeralis* Casp. *Kb*: Ilomantsi. *ibid.*: 165.
- Allodia adunca* Zaitz. *Kb*: Ilomantsi. *ibid.*: 165.
- Anatella aquila* Zaitz. *Kb*: Ilomantsi. *ibid.*: 165.
- *ciliata* Winn. *Kb*: Ilomantsi. *ibid.*: 165.
- *flavomaculata* Edw. *Kb*: Ilomantsi. *ibid.*: 165.
- *lenis* Dziedz. *Kb*: Ilomantsi. *ibid.*: 165.
- *maritima* Ostrov. *Kb*: Ilomantsi. *ibid.*: 165.
- *setigera* Edw. *Kb*: Ilomantsi. *ibid.*: 165.
- *turi* Dziedz. *Kb*: Ilomantsi. *ibid.*: 165.
- *novata* Dziedz. *Al*: Lumparland. Hedmark 2000 *Entomol. Tidskr.* 121: 80.
- Brevicornu bellum* (Joh.) *Kb*: Ilomantsi. Polevoi 1995: 165.
- *foliatum* Edw. *Kb*: Ilomantsi. *ibid.*: 166.
- *setulosum* Zaitz. *Kb*: Ilomantsi. *ibid.*: 166.
- Cordyla parvipalpis* Edw. *Al*: Lumparland, *Kb*: Ilomantsi. Hedmark 1998: 8. Polevoi 1995: 166.
- *sixi* (Barendr.) *Kb*: Ilomantsi. *ibid.*: 166.
- Exechiopsis sagittata* Lašt. & Mat. *Kb*: Ilomantsi. *ibid.*: 166.
- Pseudexechia aurivernica* Chandl. *Kb*: Ilomantsi. *ibid.*: 166.
- Scaptosciara curviforceps* (Buk. & Leng.) (*myrmecophila* Frey) *Ab*: Vichtis, *N*: Helsingfors. Frey 1948 *Notulae Entomol.* 27: 87; Menzel, Mohrig & Báez 1996 *Vieraea* 25: 141. Accidentally omitted from latest checklist (Hackman 1980 *Notulae Entomol.* 60: 17–48).
- Anaretella defecta* (Winn.) *Ab*: Uusikaupunki. Økland & Mamaev 1997 *Fauna Norv.*, Ser. B 44: 125.
- *magnicornis* Mam. *Ab*: Uusikaupunki. *ibid.*: 125.
- Bryomyia apsectra* *Ab*: Uusikaupunki. Økland & Mamaev 1997: 126. Mamaev & Økland 1998 *EF* 9: 151.
- Colobostema infumatum* (Halid.) *N*: Tuusula (R. Tuomikoski); “Lapponia” (E. Palmén). Krivosheina 2000 *Entomol. Obozr.* 79: 491.
- Bibio varipes* Meig. *Al*: Lemland (H. Silfverberg). Skartveit 1999 *EF* 10: 115.
- *lepidus* Loew (sp. dist.) *N*: Helsing (C. Lundström). *ibid.*: 115.
- Dilophus borealis* Skartv. *Al, St, Ta, Sa, Om, Ok, Ob, Ks.* *ibid.*: 115.
- Scenopinus vitripennis* Meig. *Oa*: Isokyrö. Haarto 2000 *EF* 11: 1.
- Hilara hybrida* Coll. *Ob, Lk, Le, Li.* Chvála 1996 *System. Entomol.* 21: 274.
- *femorella* Zett. *Le*: Kilpisjärvi. Frey 1930 *Notulae Entomol.* 10: 113; Chvála 1996: 280. Accidentally omitted from latest checklist (Hackman 1980 *Notulae Entomol.* 60: 17–48).
- *submaura* Coll. *Ks*: Kuusamo (R. Frey), *Le*: Enontekis (E. Palmén). Chvála 1996: 286.
- Clinocera aucta* (Zett.) (sp. dist.) *Ks, Le, Li.* Sinclair 1999 *Ent. Mon. mag.* 135: 229.
- Sciapus contristans* (Wied.) *Ab*: Dragsfjärd Öro (Clayhills, Koponen & Rinne). Haarto 1997 *EF* 8: 1.
- Aenigmatias lubbocki* (Verr.) *Ab*: Mietoinen. Haarto 1998 *EF* 9: 1.
- Platycheirus complicatus* Beck. *Li*: Utsjoki. Haarto 1995 *EF* 6: 5.
- *amplus* Curr. *Ab*: Nousiainen (T. Lammes). Haarto 1997 *EF* 8: 1.
- *nielseni* Vocker. *Al*: Eckerö, *Ta*: Somero, *Li*: Utsjoki. Haarto 1997: 1. Bartsch 2000 *Sahlbergia* 5: 45.
- *occultus* Goeld., M. & Sp. *Ab, Ta.* Haarto 1997: 2. Haarto 1998 *EF* 9: 2. Mattila 2000 *Diamina* 9: 44.
- *holarcticus* Vock. Finland. van Steenis & Goeldin 1998 *Mitt. Schweiz. Ent. Ges.* 71: 193. Mattila 2000: 44.

- *nigrofemoratus* Kan. *Le*: Kilpisjärvi. Haarto 2000 EF 11: 1.
- Dasysyrphus hilaris* (Zett.) *Al*: Eckerö. Bartsch 2000
- Epistrophella euchroma* (Kow.) *Ab, Ta*. Haarto 1997 EF 8: 2.
- Epistrophe cryptica* Dozc. & Schm. *Ab*: Nousiainen (T. Lammes). Haarto 1997: 2.
- *eligans* (Harr.) *Al*: Eckerö & Jomala. Bartsch 2000: 44.
- Eupeodes abiskoensis* (Dušek & Láska) *Le*: Kilpisjärvi, *Li*: Utsjoki. Haarto 1995: 5. Haarto 1997: 2.
- *latilunulatus* (Coll.) *Sa*: Savonlinna. Haarto 1997: 2.
- *borealis* (Duš. & Lás.) *Li*: Utsjoki (S. Koponen & E. Linnaluoto). *ibid.*: 2.
- Sphaerophoria virgata* Goeld. *Al, Ab, Ob, Ks*. Haarto 1995: 6. Haarto 1996 EF 7: 2. Bartsch 2000: 45.
- Syrphus admirandus* Goeld. *Ab, N, Ta*. Haarto 1999 EF 10: 1.
- Cheilosia sootryeni* Niels. *Ta*: Lempäälä (J. Salokannel). Haarto 2000 EF 11: 1; Haarto 2000 *Diamina* 9: 7.
- Eristalinus aeneus* (Scop.) *Ab*: Korpo Jurmo (K. Rainio). Haarto 1999: 1.
- Eristalis gomojunovae* Viol. *Lk, Le, Li*. Nielsen 1995 *Intern. J. Dipterol. Res.* 6: 132.
- Anasimyia interpuncta* (Harr.) *Al*: Eckerö. Bartsch 2000: 44.
- Pipizella viduata* (L.) *Al, Ob*. Haarto 1995: 5. Bartsch 2000: 45.
- **Paloptera anderssoni* Roth. & McG. “near Lempola” (Chandler). Rotheray & MacGowan 1999 *Brit. Journ. Entomol. Nat. Hist.* 11: 175.
- Stiphrosoma laetum* (Meig.) (*cingulatum* auct.) Finland. Roháček 1996 *Europ. J. Entomol.* 93: 119.
- Chlorops centromaculatus* (Duda) *N*: Helsinki (M. Koponen), *Ta*: Kärkölä (M. Koponen). Nartshuk 1998 EF 9: 167.
- *crassipalpis* Smirn. *N*: Helsinki (C. Ahnger). *ibid.*: 167.
- *rossicus* Smirn. *Ab, St, Tb, Kb, Li*. *ibid.*: 170.
- *serenus* Loew *Al*: Lemland (Lindberg), Kökar (Koponen). *ibid.*: 172.
- *zonulatus* Wahlgr. *Al, Ab, N, Ta, Kl, Sb, Ks*. *ibid.*: 173.
- Cryptonevra flavitarsis* (Meig.) *Al-Om* (accidentally omitted from checklist in 1980). Nartshuk 1999 EF 10: 14.
- Cetema simile* Ism. *Ab, N, Ta, Sb, Om*. Nartshuk 1999 EF 10: 15.
- *neglectum* Tonn. *Al, Ab, N, Sa*. *ibid.*: 15.
- Eutropha fulvifrons* (Halid.) *N*: Hangö (R. Krogerus). *ibid.*: 16.
- Pseudopachychaeta heleocharis* (Nartsh.) *Ta, Om*. *ibid.*: 17.
- *ruficeps* (Zett.) *Ab, N, Ta, Sa, Oa, Tb, Sb, Om, Ok, Ob, Ks, Lk, Le, Li*. *ibid.*: 17.
- Lasiosina albipila* (Loew) *N*: Helsinki. *ibid.*: 17.
- *brevisurstylata* Dely-Dr. *St*: Eura. *ibid.*: 17.
- Amobia signata* (Meig.) *Oa*: Ilmajoki. Haarto 2000 EF 11: 1.
- Chaetostevenia brevicornis* (Zett.) *Ab*: Rymättylä. *ibid.*: 1.
- Pseudoperichaeta nigrolineata* (Walk.) *Ab*: Kaarina (V.-M. Mikkala). Haarto 1999: 1.
- Lydella ripae* Brisch. Dragsfjärd Öro (Clayhills, Koponen & Rinne). Haarto 1997 EF 8: 2.
- Erycia fatua* (Meig.) *Sa*: Joutseno. Komonen 1997 *Baptria* 22: 108.
- Peleteria [Cuphocera] ruficornis* Macq. *Ab*: Naantali (I. E. Sääksjärvi). Haarto 1999: 1.
- Ceromya flaviceps* (Ratz.) *Ob*: Pisavaara (H. Lindberg). Andersen 1996 *Fauna Ent. Scand.* 33: 43.
- Entomophaga sufferta* Vill. *N*: Inkoo (Koponen). *ibid.*: 54.
- Actia maksymovi* Mesn. *Ab*: Nagu (A. Nordman). *ibid.*: 61.
- **Peribaea hertingi* And. *Ab*: Lojo (Forsius), *N*: Hangö (Hellén). *ibid.*: 74.
- Siphona ingerae* And. *Al, N, Ka, Ta*. *ibid.*: 86.
- *— *immaculata* And. *Al*: Saltvik (M. Meinander). *ibid.*: 89.
- *collini* Mesn. *Al, Ab, N*. *ibid.*: 90.
- *confusa* Mesn. *Al, N, Ks*. *ibid.*: 92.
- *urbana* (Harr.) *Al-Ks*. *ibid.*: 97.
- *setosa* Mesn. *Ab, N, Ka, Ta, Sa, Ks*. *ibid.*: 99.
- *pauciseta* Rond. *Ab*: Nagu (M. Meinander). *ibid.*: 100.
- *— *subarctica* And. *Sb, Ks, Lk, Li*. *ibid.*: 103.
- *rossica* Mesn. *Al, N*. *ibid.*: 106.
- Aphantorhaphopsis samarensis* (Vill.) *Ta*: Kuhmoinen, Harmoinen (E. Hellman), *Kl*: Parikkala (W. Hellén). *ibid.*: 110.
- Ceranthia lichtwardtiana* (Vill.) *N, Ta, Sa, Kb*. *ibid.*: 120.
- *— *verneri* And. *Ab, N, Ka*. *ibid.*: 121.

- *pallida* Hert. *Ta*: Janakkala (Peltonen). *ibid.*: 122.
 — *tenuipalpis* (Vill.) *N*: Tvärminne (A. Nordman). *ibid.*: 122.
Aphria longilingua Rond. *Ab*: Dragsfjärd Öro. Haarto 1999: 1.
Ramonda ringdahli (Villen.) *Li*: Utsjoki. *ibid.*: 1.

Present number: 5237 – 17 + 129 = 5349 spp.

Hymenoptera

- Koponen, M., Jussila, R. & Vikberg, V. 1999. Suomen loispistiäisluettelo (Hymenoptera, Parasitica). Osa 2. heimo Ichneumonidae, alaheimot Tryphoninae, Eucero-tinae, Adelognathinae, Xoridinae ja Agriotypinae. — Sahlbergia 4: 1–18.
 Koponen, M., Jussila, R. & Vikberg, V. 1999. Suomen loispistiäisluettelo (Hymenoptera, Parasitica). Osa 3. heimo Ichneumonidae, alaheimo Cryptinae. — Sahlbergia 4: 19–52.
 Koponen, M., Jussila, R. & Vikberg, V. 2000. Suomen loispistiäisluettelo (Hymenoptera, Parasitica). Osa 4. heimo Ichneumonidae, alaheimot Lycorininae, Neorha-codinae, Stilbopinae, Banchinae ja Ctenopelmatinae. — Sahlbergia 5: 51–82.

Deletions

- Amauronematus stenogaster* Först. (= *A. fallax* (Serv.)). Schmidt 1997 Beitr. Entomol. 47: 280.
 — *festivus* Saar. (= *A. fallax* (Serv.)). *ibid.*: 280.
Thymaris pulchricornis Brischke (= *T. tener* (Grav.)). Koponen *et al.* 1999: 5.
 — *collaris* (= *T. tener* (Grav.)). *ibid.*: 5.
Polyblastus carbonarius (Grav.) (f.d. = *P. sub-alpinus* Holmgr.). *ibid.*: 7.
Ctenochira pratensis (Grav.) (f.d. = *C. pectinata* (Bauer)). *ibid.*: 8.
Exyston phaeorrhoeus (Hal.) (f.d. = *E. pratorum* (Woldst.)). *ibid.*: 10.
Hemiteles unicolor Thoms. (= *H. similis* (Gmel.)). Koponen *et al.* 1999: 25.
Polyaulon rufipes Först. (f.d. = *P. paradoxus* (Zett.)). Horstmann 1998 Entomofauna 19: 454. Koponen *et al.* 1999: 23.
Gelis edentatus (Först.). Recorded outside Finland. Koponen *et al.* 1999: 23.
 — *linearis* (Först.) (= *G. anthracinus* (Först.)). *ibid.*: 27.
Arctodeuon glacialis (Thoms.) (f.d. = *Gelis*

- alopecosae* Horstm.). *ibid.*: 20.
Thaumatogetelis aquisgranensis (Först.) (= *T. vulpinus* (Först.)). *ibid.*: 28.
Endasys kriegeri (Haberm.) (= *E. cnemargus* (Grav.)). *ibid.*: 29.
Charitopes macrocerus Hellén. Recorded outside Finland. *ibid.*: 23.
Isadelphus obscuripes (Thoms.) (= *I. inimicus* (Grav.)). *ibid.*: 31.
Bathythrix rubens (Kriechb.) (= *B. pellucidator* (Grav.)). *ibid.*: 32.
Leptocryptoides clavipes (Thoms.). Recorded outside Finland. *ibid.*: 23.
Stibeutes liogaster (Thoms.) (= *S. infernalis* (Ruthe)). *ibid.*: 33.
Phygadeuon fasciatus Brischke (= *Orthizema hadrocera* (Thoms.)). *ibid.*: 33.
 — *lateareolatus* Hellén. Recorded outside Finland. *ibid.*: 23.
 — *punctigena* Thoms. (= *P. leucostigmus* Grav.). *ibid.*: 35.
 — *rugipectus* (Thoms.) (= *P. pallicarpus* (Thoms.)). *ibid.*: 35.
 — *striiventris* Hellén. Recorded outside Finland. *ibid.*: 23.
Parmortha erythropus (Grav.) (= *P. parvula* (Grav.)). *ibid.*: 38.
Gambrus inferus Thoms. (= *G. incubitor* (L.)). Schwarz & Shaw 1998 Entomol. Gaz. 49: 111.
 — *ornatulus* Thoms. (= *G. incubitor* (L.)). *ibid.*: 111.
Enclisis remex (Tschek) (= *E. macilentus* (Grav.)). Koponen *et al.* 1999: 43.
 — *nubifer* (Thoms.) (= *E. vindex* (Tschek)). *ibid.*: 43.
Caenocryptus melanarius Hellén (= *C. polytomi* (Tschek)). *ibid.*: 44.
Schreineria annulata (Brischke). Recorded outside Finland. *ibid.*: 23.
Stilbops ruficornis (Grav.). Recorded outside Finland. Koponen *et al.* 2000: 57.
Glypta nigrina Desv. Recorded outside Finland. *ibid.*: 57.
 — *rufipes* Brischke (= *G. nigricornis* (Thoms.)). Koponen *et al.* 2000: 58.
Lissonota perspicillator Grav. Recorded outside Finland. *ibid.*: 57.
 — *unicincta* Holmgr. (= *L. rusticator* (Thunb.)). *ibid.*: 61.
 — *segmentator* auct. nec (F.) (= *L. rusticator* (Thunb.)). *ibid.*: 61.

- Rhorus haemorrhoidicus* (Hart.) (= *R. substitutor* (Thunb.)). *ibid.*: 65.
- Rhaestus femoralis* auct. nec Thoms. (= *R. lativentris* (Holmgr.)). *ibid.*: 65.
- Perilissus holmgreni* Haberm. (= *P. pallidus* (Grav.)). *ibid.*: 66.
- Rhinotorus atratus* (Holmgr.) (= *R. compactor* (Thunb.)). *ibid.*: 69.
- Notopygus emarginatus* Holmgr. Recorded outside Finland. *ibid.*: 57.
- *xanthocerus* Kriechb. Recorded outside Finland. *ibid.*: 57.
- Rhinotorus forsii* (Rom.) (= *Campodorus assiduus* (Holmgr.)). Kasparyan 1997 Zoosyst. Ross. 6: 302.
- Campodorus alni* (Woldst.) (= *C. haematodes* (Grav.)). Koponen *et al.* 2000: 70.
- *dreuseni* (Holmgr.) (= *Mesoleius dubius* Holmgr.). Kasparyan 1997: 302.
- *nubilus* (Holmgr.). Recorded outside Finland. Koponen *et al.* 2000: 57.
- *subfasciatus* (Holmgr.). Recorded outside Finland. *ibid.*: 57.
- Mesoleius curvicrus* Holmgr. (= *M. grossulariae* (Ratz.)). Kasparyan 2000 Entomol. Obozr. 79: 163.
- *discedens* Holmgr. (= *M. grossulariae* (Ratz.)). Kasparyan 2000: 163.
- *erythrogaster* Holmgr. (= *M. axillaris* (Steph.)). Kasparyan 2000: 153.
- *tenuiventris* Holmgr. (= *M. axillaris* (Steph.)). Kasparyan 2000: 153.
- *wahlbergi* Holmgr. (= *M. grossulariae* (Ratz.)). Kasparyan 2000: 163.
- Saotis brevispina* (Thoms.). Recorded outside Finland. Koponen *et al.* 2000: 57.
- Mesoleptidea sylvatica* (Woldst.). Recorded outside Finland. *ibid.*: 57.
- Hypamblys transfugus* (Holmgr.) (= *H. albopictus* (Grav.)). *ibid.*: 75.
- Phobetes latipes* (Thoms.) (= *P. nigriceps* (Grav.)). *ibid.*: 76.
- Campoletis holmgreni* (Tschek) (= *C. ensator* (Grav.)). Horstmann 2000 Linz. Biol. Beitr. 32: 1206.
- *erythropus* (Thoms.) (= *C. rapax* (Grav.)). *ibid.*: 1208.
- Probles pallipes* (Holmgr.) (= *P. gilvipes* (Grav.)). Horstmann 1971 Veröff. Zool. Staatssamml. München 15: 90.
- Stictopisthus complanatus* (Halid.) (= *S. unicolor* (Thunb.)). Schwenke 1999 Spixiana Suppl. 26: 31.
- Mesochorus nigriceps* Thoms. nec Brischke (= *M. punctipleuris* Thoms.). *ibid.*: 44.
- *tachypus* Holmgr. (= *M. gemellus* Holmgr.). *ibid.*: 108.
- Triaspis arcticus* Hellén (= *T. caudatus* (Nees)). Papp 1999 Folia Entomol. Hungar. 60: 284.
- Eubazus atricornis* (Ratz.) (= *E. semirugosus* (Nees)). van Achterberg & Kenis 2000 Zool. Meded. 73: 448.
- *mucronatus* (Thoms.) (= *E. semirugosus* (Nees)). *ibid.*: 449.
- Microgaster grandis* Thoms. (= *M. meridianus* Halid.). van Achterberg 1997 Zool. Verhand. 317: 58.
- Apanteles memnon* Nix. (= *Cotesia praepotens* (Halid.)). *ibid.*: 68.
- Opius exilis* Halid. (= *O. pallipes* Wesm.). *ibid.*: 38.
- Psytalia carinata* (Thoms.) (f.d. = *P. rhagoleticola* (Sachtl.)). Fischer & Koponen 1999 EF 10: 144.
- Biosteres sylvaticus* (Halid.) (f.d.). *ibid.*: 149.
- Torymus rosarum* (Hoffm.) (= *T. bedeguaris* (L.)). de Vere Graham & Gijswijt 1998 Zool. Verhand. 317: 64.
- *glechomae* Mayr (= *T. cingulatus* Nees). *ibid.*: 76.
- *tiliarum* Ruschka (= *T. eglanteriae* Mayr). *ibid.*: 90.
- Codrus buccatus* (Thoms.) (= *Parthenocodrus elongatus* (Halid.)). Johnson 1992 Mem. Amer. Ent. Inst. 51: 313.
- *gracilis* (Nixon) (= *Exallonyx ater* (Grav.) (*aterrimus* (DT))). *ibid.*: 291.
- Zygota longinervis* (Kieff.) (= *Synbelyta fuscipennis* Thoms.) Macek 1996 Čas. Nár. Muz., rad. přír. 165: 67.
- Belyta brevicornis* (Kieff.) (f.d. = *B. borealis* Whitt.) Macek 1996 Sborn. Nár. Muz. Praz, Ser. B 51: 20.
- *brachyptera* Thoms. (= *B. sanguinolenta* Nees) *ibid.*: 10.
- Trimorus angustulus* (Thoms.) (= *T. flavipes* (Walk.)). Johnson 1992: 532.
- *autumnalis* (Thoms.) (= *T. therycides* (Walk.)). *ibid.*: 552.
- *pallipes* (Thoms.) (= *T. therycides* (Walk.)). *ibid.*: 552.

— *medon* (Walk.) (= *Xenomerus ergenna* Walk.).
ibid.: 559

Spilomena expectata Valk. (= *S. beata* Blüthg.).
Vikberg 2000 EF 11: 41.

Unjustified deletion

Gelis helleni Kolar. (*breviceps* sensu Hellén).
Deleted as recorded outside Finland, but also
reported from *N*: Helsinki. Hellén 1970 Notulae
Entomol. 50: 86. Koponen *et al.* 1999: 23.

Addition later deleted

Opius insertus Fisch. “Finland” (sp. dist.) Fischer
1997 Entomofauna 18: 139. (= *O. zelotes*
Marsh.) Fischer & Koponen 1999 EF 10: 77.

Additions

**Euura cinereae* Kop. *Kb*: Joensuu (Roininen).
Kopelke 1996 Senckenbergiana biol. 76: 102.
— *weiffenbachii* Ermol. *Ab* Kaarina (Roininen).
ibid.: 109.

Parna reseri List. *N*: Borgå (Hellén), *Ta*: Pälkäne
(J. Kangas). Heidema & Viitasaari 1997 Proc.
Eston. Acad. Sci. Biol. Ecol. 46: 192.

**Caliroa crypta* Heid. *Ab*: Perniö (P. Niemelä).
Heidema 1999 EF 10: 183.

**Amauronematus betulae* Schm. *Ks*: Kuusamo (M.
Ahola). Schmidt 1997 Beitr. Entomol. 47: 279.

*— *mimus* Schm. *Ta*: Pälkäne (J. Kangas). ibid.:
285.

*— *nigrinus* Schm. Finland. ibid.: 286.

*— *subfuscus* Schm. *Tb*: Toivakka (E. Tiihonen).
ibid.: 294.

*— *tenuis* Schm. *Li*: Utsjoki Kevo. ibid.: 295.

Scambus eucosmidarum (Perk.) *Ab*, *St*. Jussila
1999b EF 10: 175.

Phytodietus crassitarsis Thoms. (sp. dist.). Kopon-
en *et al.* 1999: 4.

— *segmentator* Grav. (sp. dist.). ibid.: 4.

Eclytus rubridorsum Kasp. *Ob*: Pello (R. Hinz).
Kasparyan 1977 Ent. Obozr. 56: 168. Koponen
et al. 1999: 5.

Thymaris niger (Tasch.) *Al*, *Ab*, *N*, *Ob*. Koponen
et al. 1999: 1.

— *srikem* Fitt. & Fick. *Ab*, *N*, *Sa*. ibid.: 1.

— *tener* (Grav.) (*pulchricornis* Brischke, *collaris*
(Thoms.)). Finland. ibid.: 5.

Cladeutes discedens (Woldst.) *Al*: Föglö (R.
Jussila), *Ab*: Vihti (A. Petramaa). ibid.: 2.

Cosmoconus hinzi Kasp. *Ab*: Vihti, *N*: Kirkko-
nummi. ibid.: 2.

Tryphon brevipetiolaris Uch. *Ab*, *N*, *Ta*. ibid.: 2.

— *fulviventris*. Holmgr. *Ta*: Forssa, *Sb*: Leppä-
virta (E. Tiihonen). Jussila 1999c Loun. Häm.
Lu 86: 25. Koponen *et al.* 1999: 3.

— *hinzi* Heinr. *Ab*, *N*, *Ta*, *Sa*, *Sb*, *Li*. Koponen *et*
al. 1999: 2.

Grypocentrus bilobus Kasp. *N*: Helsingfors (A.
Nordman). ibid.: 2.

Polyblastus alternans Schte. *Ab*, *N*, *Ta*. ibid.: 2.
Jussila 1999c:25.

— *leucoon* Kasp. *Ab*, *N*, *Ka*, *Ta*. ibid.: 2.

Ctenochira annulata (Holmgr.) *Ab*, *Ka*, *Ta*, *Sa*,
Ok. ibid.: 2.

— *bisinuata* Först. *Le*: Kilpisjärvi (V. Karvonen).
ibid.: 2.

— *fecula* Kasp. *N*: Kirkkonummi (V. Karvonen)
& Espoo (J. Perkiömäki). ibid.: 2.

— *gelida* Kasp. *Le* Kilpisjärvi (V. Karvonen), *Li*:
Utsjoki (V. Karvonen). ibid.: 2.

— *genalis* (Thoms.) *Ab*, *N*, *Ka*, *Ta*, *Le*. ibid.: 2.

— *oreophila* (Schmied.) *Ab*: Vihti (V. Karvonen).
ibid.: 3.

— *sculpturata* Kasp. *Le*: Kilpisjärvi (V. Karvo-
nen), *Li*: Utsjoki (V. Karvonen). ibid.: 3.

— *xanthopyga* (Holmgr.) *Ab*, *N*, *St*, *Ta*. ibid.: 3.

Erromenus alpestrator Aub. *N*: Kirkkonummi (V.
Karvonen). ibid.: 3.

— *tarsator* Aub. *Ab*, *N*, *Sb*, *Li*. ibid.: 3.

Orthomiscus uncinatus (Holmgr.) *Ab*: Vihti (V.
Karvonen), *Ta*: Kangasala (Th. Grönblom).
ibid.: 3.

! *Dyspetes praerogator* (Thoms.) *N*: Espoo, *Ka*:
Virolahti. Jussila 2000 EF 11: 88.

Adelognathus cubiceps Rom. *Le*: Enontekiö.
Kopelke 1994 Senckenbergiana biol. 73: 102.
Koponen *et al.* 1999: 4.

— *nigriceps* Thoms. *Ab*: Vihti (V. Karvonen &
A. Petramaa). ibid.: 4.

Xorides gracilicornis (Grav.) *Ab*: Turku (R.
Lindqvist). ibid.: 4.

! — *rufipes* (Grav.) Finland. Hilszczanski 2000 Ins.
Syst. Evol. 31: 254.

Pleurogyrus cyclogaster (Thoms.) *St*: Huittinen

- (R. Jussila), *Ta*: Urjala (T. Reilin). Koponen *et al.* 1999: 19. Jussila 1999c:27.
- Aclastus eugracilis* Horstm. *Ab*: Korppoo (R. Jussila). Koponen *et al.* 1999: 19.
- *flavipes* Horstm. *Al*: Lumparland (R. Jussila). *ibid.*: 19.
- Polyaulon stiavnicensis* Čap. *N*: Hanko (M. Koponen). *ibid.*: 19.
- Dichrogaster genalis* (Haberm.) *Ab, N, St.* *ibid.*: 19.
- Gelis alopecosae* Horstm. *Ok*: Suomussalmi (O. Sorsakoski), *Li*: Utsjoki (W. Hellén). *ibid.*: 20.
- *bicolor* (Vill.) *Al, Ab, St, Ta, Oa.* *ibid.*: 20.
- *discendens* (Först.) *Ab, St.* *ibid.*: 20.
- *longulus* (Zett.) *Ab, N, Oa, Kb, Om.* *ibid.*: 20.
- *nigritulus* Zett. *Sa*: Joutseno. Komonen 1997 *Baptria* 22: 108.
- *thomsoni* (Schmied.) *Ab*: Turku & Sauvo. Koponen *et al.* 1999: 20.
- Endasys annulatus* (Haberm.) *Ab*: Sauvo, *Ta*: Urjala & Forssa. Jussila 1999b:176. Jussila 1999c:28.
- *bicolor* (Lundb.) *Ab, N, Tb, Le, Li.* Koponen *et al.* 1999: 20.
- *eurycerus* (Thoms.) *N*: Helsinki (V. Karvonen), *St*: Huittinen (R. Jussila). *ibid.*: 20.
- *testaceipes* (Brischke) *Ab, Tb.* *ibid.*: 20.
- Charitopes brunneus* (Morl.) *Ab*: Turku, *Oa*: Vaasa. *ibid.*: 20.
- Mastrus pictipes* (Grav.) *Ab*: Turku. Jussila 1999b:175.
- *tenuicosta* (Thoms.) *Ab*: Turku, *Tb*: Saarijärvi. *ibid.*: 175.
- Sulcarius hellbachi* (Schmied.) (sp. dist.) *Ab, Ta, Sa, Oa, Tb, Sb, Kb.* Koponen *et al.* 1999: 23, 33.
- Orthizema eleganticornis* (Schmied.) *Ab*: Vihti (V. Karvonen). *ibid.*: 20.
- *subannulata* (Bridgm.) *Ab, N, Ka, Ta, Tb, Sb, Ob, Li.* *ibid.*: 20.
- Theroscopus trochanteratus* (Thoms.) *Ab, St.* *ibid.*: 21.
- Phygadeuon alpinus* (Thoms.) *Le, Li.* *ibid.*: 21.
- *brevitarsis* Thoms. *Ab, N, Ka, Sa.* *ibid.*: 21.
- *crassicornis* (Grav.) *N*: Helsinki (V. Karvonen). *ibid.*: 21.
- *occisor* Haberm. *Ab*: Turku. Jussila 1999b:176.
- *punctiventris* Thoms. *Ab, N, Oa, le, Li.* Koponen *et al.* 1999: 21.
- *stilpninus* Thoms. *Al, Ab, N, Ka, Ta, Oa, Le, Li.* *ibid.*: 21.
- ! *Stilpnus fallax* (Först.) *Al, Sb, Li.* Jussila 1999a EF 10: 107.
- Mesoleptus filicornis* (Thoms.) *N*: Helsinki (M. Koponen). Koponen *et al.* 1999: 21.
- *marginatus* (Thoms.) *Ab, N, Ka, Sa, Li.* *ibid.*: 21.
- Atractodes townesi* Juss. *Al*: Föglö (R. Jussila). *ibid.*: 22.
- !— *romani* Juss. *Tb*: Keuruu (Y. Ermala). Jussila 1999b:176.
- Plectocryptus digitatus* (Gmel.) *Ab, N, Ta.* Koponen *et al.* 1999: 22.
- Aptesis nigritula* (Thoms.) *Ab, Ta, Oa, Li.* *ibid.*: 22.
- Aritranis explorator* (Tschek) *Ab, Ob.* *ibid.*: 22.
- Idiolispa obfuscator* (Vill.) *Li*: Inari (V. Karvonen). *ibid.*: 23.
- Trychosis gradarius* (Tschek) *Ab*: Vihti (V. Karvonen). *ibid.*: 22.
- Enclisis ornaticeps* (Thoms.) *Ab, Ta, Li.* *ibid.*: 22.
- Cryptus obscuripes* Zett. (sp. dist.). Finland. *ibid.*: 44.
- Stenarella domator* (Poda) (*gladiator* (Scop.)) *Ab*: Turku & Naantali. Sääksjärvi 1998 EF 9: 8; Koponen *et al.* 1999: 45.
- Glypta salicis* Thoms. Finland. Koponen *et al.* 2000: 58.
- *similis* Bridgm. Finland. *ibid.*: 59.
- Lissonota cruentator* (Panz.) (*insignita* (Grav.)). Finland. *ibid.*: 62.
- *digestor* (Thunb.) Finland. *ibid.*: 60.
- *excelsa* Schmied. *Ab*: Vihti, *N*: Tvärminne & Vantaa. *ibid.*: 51.
- *flavovariegata* (Luc.) (*nigricoxis* Strobl) (sp. dist.) Finland. *ibid.*: 62.
- *nigridens* Thoms. Finland. *ibid.*: 61.
- *rusticator* (Thunb.) (*unicincta* Holmgr., *segmentator* auct. nec (F.)). Finland. *ibid.*: 61.
- Alloplasta plantaria* (Grav.). Finland. *ibid.*: 62.
- Syzeuctus* [*Cryptopimpla*] *helveticus* Brauns *Kb*: Ilomantsi. Humala 1995 Karel. Biosph. Res. Stud., p. 157.
- Xenoschesis mordax* (Thoms.) (sp. dist.). Finland. Koponen *et al.* 2000: 64.
- Homaspis* [*Notopygus*] *flavicornis* Holmgr. *Ta*: Tammela. Jussila 1999c: 32.
- *varicolor* (Thoms.) Finland. Koponen *et al.* 2000: 64.
- Trematopygus rufator* Hinz *Li*: Utsjoki (R. Jussila). *ibid.*: 52.
- *spiniger* Hinz *Kb*: Hammaslahti (P. Kontkanen). *ibid.*: 52.

- Lethades cingulator* Hinz *Ab*: Sauvo (R. Jussila). *ibid.*: 51.
 — *curvispina* (Thoms.) *Ab, N, Ta, Oa, Tb, Ks, Le, Li*. *ibid.*: 51.
Rhorus chrysopygus (Roman) *Li*: Utsjoki (K. Ruohomäki). *ibid.*: 52.
Sympherta splendens (Strobl) *Ab, Tb, Sb*. *ibid.*: 52.
Perilissus lutescens Holmgr. *N, Ta, Kl*. Hellén 1961 *Notulae Entomol.* 41: 94. Jussila 1999c: 33.
Lathrolestes lucidulus (Holmgr.) *Ab*: Vihti (V. Karvonen), *N*: Kirkkonummi (V. Karvonen). Koponen *et al.* 2000: 52.
Scolobates fennicus Schmied. (sp. dist.). Finland. *ibid.*: 67.
Alexeter coxalis (Brischke) *Al, Ab, N, Ka, Tb, Kb, Ob, Li*. *ibid.*: 52.
Lamachus transiens (Ratz.) Finland. *ibid.*: 69.
Rhinotorus mesocastaneus (Thoms.) *Ks, Le, Li*. *ibid.*: 52.
Campodorus astutus (Holmgr.) *N*: Helsinki (I. Jalas). *ibid.*: 52.
 — *axillaris* (Steph.) *Ab, Oa, Tb, Sb, Ob, Ks, Le, Li*. *ibid.*: 52.
 — *ciliatus* (Holmgr.) *N*: Tvärminne (V. Karvonen). *ibid.*: 52.
 — *commotus* (Holmgr.) *Al, Ab, N, Ka, Tb, Lk*. *ibid.*: 52.
 — *crassipes* (Thoms.) *N*: Kirkkonummi (V. Karvonen). *ibid.*: 53.
 — *crassitarsis* (Thoms.) Finland. *ibid.*: 70.
 — *holmgreni* (Schmied.) *N*: Kirkkonummi & Vantaa. *ibid.*: 53.
 — *humereus* (Thoms.) *Ab, N, Tb*. *ibid.*: 53.
 — *intermedius* (Grav.) *Ab, N, Le*. *ibid.*: 53.
 — *latiscapus* (Thoms.) *Sa*: Hirvensalmi (O. Ranin). *ibid.*: 53.
 — *nigridens* (Thoms.) *Ab, N, St, Om*. *ibid.*: 53.
 — *vestergreni* (Roman) *Le*: Kilpisjärvi (V. Karvonen). *ibid.*: 53.
 — *vicinus* (Holmgr.) *Le*: Kilpisjärvi (V. Karvonen). *ibid.*: 53.
Mesoleius affinis Brischke *Tb*: Toivakka (E. Tiihonen). *ibid.*: 53.
 *— *antennator* Kasp. *Le*: Kilpisjärvi (Hinz). Kasparyan 2000 *Entomol. Obozr.* 79: 164.
 — *axillaris* (Steph.) (*amabilis* Holmgr., *erythrogaster* Holmgr., *tenuiventris* Holmgr.) [Finland]. Kasparyan 1997 *Zoosyst. Ross.* 6: 302. Kasparyan 2000: 153.
 — *cognatus* Brischke *Ab*: Vihti (V. Karvonen), *N*: Helsinki (I. Jalas). Koponen *et al.* 2000: 53.
 — *contractus* (Holmgr.) Finland. *ibid.*: 71.
 — *grossulariae* (Ratz.) (*curvicrus* Holmgr., *discedens* Holmgr., *wahlbergi* Holmgr.) [Finland]. Kasparyan 1997: 302. Kasparyan 2000: 163.
 — *parvus* Holmgr. *Ab*: Lieto (R. Jussila), *Le*: Kilpisjärvi (V. Karvonen). Koponen *et al.* 2000: 53.
 — *placidus* Holmgr. *Ab, N, Ob*. *ibid.*: 53.
 — *subcoriaceus* Strobl *Ab*: Vihti (V. Karvonen), *N*: Kirkkonummi (V. Karvonen). *ibid.*: 53.
 !*— *tibiator* Kasp. *Le*: Kilpisjärvi (Hinz). Kasparyan 2000: 176.
 — *varicoxa* Thoms. *Ab, N, Ok, Le*. Koponen *et al.* 2000: 53.
Hyperbatus aemulus (Holmgr.) *Ab, N, Le*. *ibid.*: 53.
Saotia compressiventris (Strobl) *Ab, N, Sb*. *ibid.*: 54.
 — *longiventris* (Thoms.) *Ab*: Vihti, *N*: Kirkkonummi (V. Karvonen). *ibid.*: 54.
Anoncus flavicaudatus (Holmgr.) *Le*: Kilpisjärvi (V. Karvonen). *ibid.*: 54.
 — *sincerus* (Holmgr.) *Ab*: Turku (R. Jussila), *Le*: Kilpisjärvi (V. Karvonen). *ibid.*: 54.
Synomelix faciator Idar *Ab, N, Sb, Lk, Le*. *ibid.*: 54.
Hadrodactylus bidentulus Thoms. *Al, Ab, N, St, Sa, Tb, Sb, Ob, Li*. *ibid.*: 54.
 — *graminicola* Idar *Ab, N, St, Tb, Kb, Ks, Li*. *ibid.*: 54.
 — *indefessus* (Grav.) *Ta* (m.l.). Jussila 1999c: 35.
 — *rectinervis* Roman *Ab*: Vihti (V. Karvonen), *Li*: Utsjoki (R. Jussila). Koponen *et al.* 2000: 54.
 — *spiraculator* Idar *Ab, N, Sa*. *ibid.*: 54.
 — *villosulus* Thoms. *Ab, N, Sb, Ob*. *ibid.*: 54.
Syndipnus abbreviatus Roman *N*: Vantaa (O. Ranin). *ibid.*: 55.
 — *albicuris* (Grav.) *Ab, Sb*. *ibid.*: 55.
 — *decipiens* Woldst. *Le*: Enontekiö (R. Frey), *Li*: Utsjoki (W. Hackman). *ibid.*: 55.
 — *flaviventris* Roman *Ab*: Sauvo (R. Jussila), *Le*: Enontekiö (E. Karvonen). *ibid.*: 55.
Phobetes femorator (Thoms.) *Ta*: Tammela. Jussila 1999c: 35.
 — *rufipes* (Thoms.) *Al, Ab, N, Ta*. Koponen *et al.* 2000: 55.
 — *splendidissimus* (Strobl) *Ab, N, Tb, Sb, Kb*. *ibid.*: 55.
Euryproctus inferus Thoms. *Ab*: Vihti (V. Karvonen), *N*: Helsinki (O. Ranin). *ibid.*: 55.
 — *plantator* (Thunb.) (*tuberculatus* Holmgr.) (sp.

- dist.) Finland. *ibid.*: 76.
- Delopia polita* (Först.) *Ta*: Urjala. Jussila 1999c: 36.
- **Lathroplex anthreni* Vikb. *Ta, Sa, Kb*. Vikberg 1999 EF 10: 239.
- *clypearis* Thoms. *N*: Nurmijärvi (M. Koponen). *ibid.*: 242.
- Leptocampoplex cremastoides* (Holmgr.) *Ab*: Korpo (M. Nieminen). Várkonyi 1998 EF 9: 215.
- Diadegma claripennis* (Thoms.) *Kb*: Ilomantsi. Humala 1995: 157.
- Lathrostizus flexicauda* (Holmgr.) *Le*: Kilpisjärvi. Koppelke 1994: 99.
- **Astrenis nigrifacies* Vikb. *Ab, N, St, Ta, Oa, Tb, Kb, Ok*. Vikberg 2000 EF 11: 210.
- *— *brunneofacies* Vikb. *Ab, N, Ta, Sa, Oa, Tb, Ok*. *ibid.*: 213.
- Phrudus defectus* Stelf. *Ab, N, Ta, Sa, Tb, Ob, Lk, Li*. *ibid.*: 218.
- *— *compressus* Vikb. *Ta*: Janakkala & Riihimäki. *ibid.*: 220.
- *badensis* Hilp. *Ta, Sa, Kl*. *ibid.*: 221.
- Diaparsis frontellus* (Holmgr.). Finland. Horstmann 1971 Veröff. Zool. Staatssamml. München 15: 99.
- Epistathmus crassicornis* Horstm. Finland. *ibid.*: 108.
- Tersilochus spiracularis* Horstm. Finland. *ibid.*: 125.
- **Mesochorus boreomontanus* Schw. "Oshobotria" (R. Müller). Schwenke 1999 Spixiana Suppl. 26: 86.
- *— *suomiensis* Schw. "Oshobotria bor." (K. Müller). *ibid.*: 91.
- *— *fennicus* Schw. *Li*: Utsjoki (Rinohomäki). *ibid.*: 94.
- Chorinaeus flavipes* Bridgm. *Ab*: Turku. Jussila 1996 EF 7: 97.
- Trieces dinianae* Aeschl. *Sb*: Varpaisjärvi, *Ok*: Kuhmo. *ibid.*: 98.
- Metopius harpyiae* Clém. *Ob*: Tornio (J. Itämies), *Ks*: Oulanka (J. Itämies). Várkonyi 1998 EF 9: 52.
- Tersilochus spiracularis* Horstm. *Ta*: Forssa. Jussila 1999c: 40.
- Exochus lentipes* Grav. *Ta*: Tammela & Urjala. *ibid.*: 41.
- Pantisarthrus dispar* Ross. *Kb*: Ilomantsi. Humala 1995: 157.
- Proelator proprius* Ross. *Kb*: Ilomantsi. *ibid.*: 157.
- Proclitus ardentis* Ross. *Kb*: Ilomantsi. *ibid.*: 157.
- Eusterinx circaea* Ross. *Al*: Saltvik (W. Hellén). *Ab*: Dragsfjärd (W. Hellén). Humala 1997 Zoosyst. Ross. 5: 300.
- Helictes conspicuus* (Först.) *Kb*: Ilomantsi. Humala 1995: 157.
- Syrphoctonus megaspis* (Thoms.) *Al, Ab, St*. Jussila 1996: 95.
- *collinus* (Stelf.) *Ta*: Forssa. Jussila 1999c: 42.
- Woldstedtius holarcticus* (Dill.) *Al, Ab, Ka, St, Ta, Oa*. Jussila 1996: 95.
- Diplazon pallicoxa* Manuk. *Ab*: Sauvo. *ibid.*: 97.
- Phaegenes curator* (Thunb.) *Ta*: Forssa & Tammela. Jussila 1999c: 43.
- Cotesia melitaearum* (Wilk.) *Al*: Finström; *Sa*: Joutseno. Lei *et al.* 1997 Journ. Nat. Hist. 31: 637; Komonen 1997: 108.
- **Microchelonus nigrinus* Tob. *N*: Helsinki (M. Koponen). Tobias 1999 Zool. Zh. 78: 703.
- *irritus* Tob. *N*: Pernå (Nordström). *ibid.*: 707.
- *incrassus* Papp *Ta*: Ypäjä, Lammi, Koski & Padasjoki (P. Peltotalo). Papp 1992 Ann. Hist. Nat. Mus. Natn. Hungar. 84: 134.
- Opius decoratus* Stelf. *Ab*: Nauvo, Turku. Fischer & Koponen 1999 EF 10: 68.
- *notabilis* Fisch. *Ab*: Nauvo, *Om*: Reisjärvi. *ibid.*: 69.
- *rudis* Wesm. *Sa*: Imatra (Hk. Lindberg). *ibid.*: 69.
- *holconotus* Fisch. *Ob*: Simo, *Li*: Inari. *ibid.*: 69.
- *karesuandensis* Fisch. *Ok*: Paltamo, *Lk*: Muonio. *ibid.*: 71.
- *polyzonius* Wesm. *Ab, N, Ta, Sa, Tb*. *ibid.*: 72.
- *reconditor* Wesm. *Oa*: Lappfjärd (Nordström). *ibid.*: 72.
- *rufipes* Wesm. *Al, N, Sa*. *ibid.*: 73.
- *pactus* Halid. *N*: Nurmijärvi. *ibid.*: 73.
- *aemulus* Halid. *Al, N, Ta, Sa, Kb*. Fischer 1997 Entomofauna 18: 139. Fischer & Koponen 1999: 74.
- *curtipectus* Fisch. *N*: Nurmijärvi. Fischer & Koponen 1999: 75.
- *hilaris* Fisch. *Al, Ab, N, Ta, Sa, Kb, Om, Ob*. *ibid.*: 76.
- *magnus* Fisch. *N*: Helsinki. *ibid.*: 76.
- *ochropus* Thoms. *N*: Kirkkonummi. *ibid.*: 76.
- *aureliae* Fisch. *Ab*: Perniö, *N*: Helsinki, *Sa*: Mikkeli. *ibid.*: 78.
- *flavigaster* Fisch. *Ab*: Pojo (Meinander). *ibid.*: 78.
- *crassicrus* Thoms. *Ab, N, St, Sa, Tb, Sb, Kb, Ob*. *ibid.*: 78.
- *tscheki* Fisch. *Ta*: Janakkala. *ibid.*: 78.
- *curvatus* Fisch. *Al, N, Ta, Sa*. *ibid.*: 79.

- *gracilis* Fisch. *N, Ta, Sa, Kb, Ks.* *ibid.*: 79.
 — *minor* Fisch. *Ab, N, St, Ta, Sa, Kl, Tb, Ks, Lk.* *ibid.*: 79.
 — *pygmaeus* Fisch. *Al, Ab, N, St, Ta, Sa, Kl, Kb, Ok, Ob, lk, Li.* *ibid.*: 80.
 — *tersus* (Först.) *Al, Ab, N, Ta, Kl, Kb.* *ibid.*: 80.
 — *caprifolii* Fisch. *Ta:* Hattula. *ibid.*: 80.
 — *iuxtangelum* Fisch. *N:* Nurmijärvi. *ibid.*: 81.
 — *pulicariae* Fisch. *N, Ta, Kb, Ks, Le.* *ibid.*: 81.
 — *austriacus* Fisch. *Ta:* Lahti. *ibid.*: 81.
 — *heringi* Fisch. *N, Ta, Sa.* *ibid.*: 82.
 — *similis* Szépl. *N, Ka, St, Ta, Sa, Kb, Om, Ks.* Fischer 1997: 174. Fischer & Koponen 1999: 83.
 — *similoides* Fisch. *Al, N, St, Ta, Sa, Kl, Kb, Om, Ok, Ob, Ks.* *ibid.*: 83.
 — *tirolensis* Fisch. *Ab, N, Ta, Sa, Ok.* *ibid.*: 84.
 — *saevulus* Fisch. *N:* Siuntio. *ibid.*: 85.
 — *saevus* Halid. *N, Sa, Kb, Ob, Ks.* *ibid.*: 85.
 — *mundus* (Först.) *N:* Nurmijärvi, *Kl:* Uukuniemi. *ibid.*: 85.
 — *celsus* Halid. *N:* Sibbo, *Ok:* Kajaani. *ibid.*: 86.
 — *maculipes* Wesm. *N, Ta, Sa.* *ibid.*: 88.
 — *pirchitticola* Fisch. *Li:* Inari. *ibid.*: 88.
 — *seebensteinensis* Fisch. *N:* Helsinki, *Sb:* Kuopio. *ibid.*: 88.
 — *sigmodus* Papp *Al:* Mariehamn (W. Hellén). *ibid.*: 88.
 — *speciosus* Fisch. *N:* Helsinki. *ibid.*: 88.
 — *tuberculifer* Fisch. *N, St, Ok, Ob.* *ibid.*: 88.
 — *viennensis* Fisch. *Ta:* Pälkäne (M. Hellén). *ibid.*: 89.
 — *connivens* Thoms. *N, Sa, Ob.* *ibid.*: 129.
 — *epulatus* Papp *N:* Helsinki (Yu). *ibid.*: 129.
 — *paranivens* Fisch. *N:* Helsinki & Nurmijärvi. *ibid.*: 130.
 — *parvungula* Thoms. *Ab, N, St, Sa.* *ibid.*: 131.
 — *agromyzicola* Fisch. *N:* Nurmijärvi, *Ks:* Kuusamo. *ibid.*: 131.
 — *breviscapus* Thoms. *Al, Ab, N, St, Sa, Kl, Ok, Ob, Lk.* *ibid.*: 132.
 — *caricivorae* Fisch. *N, Kb, Om.* *ibid.*: 132.
 — *circinus* Papp *N:* Nurmijärvi. *ibid.*: 132.
 — *subpallipes* Tob. *Ta:* Janakkala. *ibid.*: 135.
 — *pulchriventris* Fisch. *N:* Nurmijärvi, *St:* Kokemäki. *ibid.*: 136.
 — *fuscipennis* Wesm. *Ab, N, Sa, Sb, Kb.* *ibid.*: 137.
 — *padidalis* Fisch. *Sa:* Ristiina. *ibid.*: 137.
 — *pulcherrimus* Fisch. *Sa:* Mikkeli. *ibid.*: 137.
 — *staryi* Fisch. *Ta, Sa, Kb.* *ibid.*: 138.
 — *crassipes* Wesm. *Al, Ab.* *ibid.*: 139.
 — *mongolaltaiensis* Fisch. *N:* Nurmijärvi. *ibid.*: 139.
 — *adentatus* Fisch. *N:* Nurmijärvi. *ibid.*: 139.
 — *abditiformis* Fisch. *N, Sa, Kl.* *ibid.*: 139.
 — *dureseai* Fisch. *N:* Nurmijärvi. *ibid.*: 140.
 — *funebri* Wesm. *Al, N, Ta, Sa, Sb, Om, Ok, Le.* *ibid.*: 140.
 — *inflammatus* Fisch. *Ab, N, St, Sa, Sb, Kb, Ok.* *ibid.*: 140.
 — *minusculae* Fisch. *N:* Espoo. *ibid.*: 142.
 — *mirabilis* Fisch. *N:* Nurmijärvi, *Sa:* Mikkeli. *ibid.*: 142.
 — *opacus* Fisch. *N:* Nurmijärvi. *ibid.*: 143.
 — *soenderupianus* Fisch. *Ab, N, Ka, Ta, Sa, Tb, Sb, Kb, Lk.* *ibid.*: 143.
 — *turcicus* Fisch. *Al, Kl, Ok.* *ibid.*: 143.
Psytalia concolor Szépl. *Al:* Lemland (A. Nordman). *ibid.*: 144.
 — *rhagoleticola* (Sachtl.) *N, Ta.* *ibid.*: 144.
Eurytenes abnormis (Wesm.) *Ta:* Lammi. *ibid.*: 144.
 — *campanariae* Fisch. *N:* Nurmijärvi, *Le:* Kilpisjärvi. *ibid.*: 145.
 — *cubitalis* Fisch. *St:* Reposaaari (V. Lauro). *ibid.*: 145.
 — *impatiens* Fisch. *N:* Kirkkonummi. *ibid.*: 145.
 — *vockerothi* Fisch. *Al, N, Ok, Ks, Lk, Li.* Fischer 1997: 182; Fischer & Koponen 1999: 146.
Biosteres punctiscuta (Thoms.) *Ab:* Turku, *N:* Helsinki. Fischer 1996 *Zschr. Arb. Gem. Österr. Entomol.* 48: 60; Fischer & Koponen 1999: 148.
 — *colorativentris* (Fisch.) *Ab, N, Sa.* Fischer & Koponen 1999: 151.
 — *magnicornis* (Wesm.) *N, Ta.* *ibid.*: 151.
Desmlostoma parvulum (Wesm.) *N, Lk, Li.* *ibid.*: 152.
Trachyusa aurora (Halid.) *N, St, Ta.* Koponen 1999 *EF* 10: 199.
 — *nigrothoracica* Acht. & O’C. *N, St, Ta, Sa, Kl, Kb.* *ibid.*: 199.
Adelurota florimela (Halid.) *Al, Ab, N, Ka, Ta, Sa, Kl, Tb, Kb, Ok, Ob, Ks.* Koponen 2000 *EF* 11: 239.
Anisocyrta alpinicola Acht. *N:* Helsinki. *ibid.*: 240.
 — *perdita* (Halid.) *Al, Ab, N, St, Ta, Sa, Tb, Kb, Ok, Lk, Le, Li.* *ibid.*: 241.
Asyntactus rhogaleus Marsh. *N, Ta, Lk.* *ibid.*: 241.
Symphanes striolata (Thoms.) *Ab, N, Sa, Tb.* *ibid.*: 242.
Ibalia jakowlewi Jacobs. *Sa:* Juva. Martikainen & Viitasaari 1996 *Sahlbergia* 3: 26.

- Torymus flavipes* (Walk.) (*dauci* auct., *viridissimus* Boh.) sp.dist. de Vere Graham & Gijswijt 1998 Zool. Verhand. 317: 97.
- Pteromalus pontaniae* Ask. *Le*: Kilpisjärvi. Kopelke 1994: 97
- Coelopisthia caledonica* Ask. *Al*: Finström. Lei *et al.* 1997: 637.
- Eulonchetron scalprum* (Ask.) *Le*: Kilpisjärvi. Kopelke 1994: 96.
- Metaphycus nadius* (Walk.) *N*: Hyvinkää (M. Koponen). Guerrieri & Noyes 2000 System. Entomol. 25: 158.
- *asterolecanii* (Merc.) *N*: Nurmijärvi (M. Koponen). *ibid.*: 165.
- *dispar* (Merc.) *N*: Helsinki (M. Koponen), *Ta*: Lahti (M. Koponen). *ibid.*: 168.
- *petitus* (Walk.) *Ab, N, Sb, Om.* *ibid.*: 175.
- *insidiosus* (Merc.) *Al, St, Tb.* *ibid.*: 180.
- *bulgaricus* Sugonj. *Ta, Om, Ok.* *ibid.*: 186.
- *roubali* Hoff. *Al*: Jomala (W. Hellén), *N*: Nurmijärvi (M. Koponen). *ibid.*: 195.
- *unicolor* Hoff. *N*: Nurmijärvi (M. Koponen). *ibid.*: 195.
- *punctipes* (Dalm.) *Ab*: Nystad (W. Hellén). *ibid.*: 205.
- *— *annasor* Guerr.& N. *Ta*: Lammi (M. Koponen). *ibid.*: 206.
- Syrphophagus sosius* (Walk.) *Sa*: Ristiina (M. Koponen). Trjapitzin *et al.* 1995 Dipterol. Res. 6: 37.
- Leptorhaptus docilis* Nixon *Kb*: Ilomantsi. Humala 1995: 156.
- *egregius* Kieff. *Kb*: Ilomantsi. Humala 1995: 156.
- Aclista prolongata* Kieff. *Kb*: Ilomantsi. Humala 1995: 156.
- Pantoclis hirtistilus* Kieff. *Kb*: Ilomantsi. Humala 1995: 156.
- Zygota dentatipes* (Kieff.) *Kb*: Ilomantsi. Humala 1995: 156.
- Belyta pedestris* Kieff. *Kb*: Ilomantsi. Humala 1995: 156.
- *seron* Nixon Finland. Maček 1996 Sborn. Nár. Muz. Praze, Ser. B 51: 15.
- *borealis* Whitt. (*brevicornis* auct.) Finland. *ibid.*: 20.
- Chrysocharis pontaniae* Ask. & Kop. *Le*: Kilpisjärvi. Kopelke 1994: 93.
- Spilomicrus crassiclavis* Kieff. *Kb*: Tohmajärvi (M. Koponen). Notton 1999 Bull. Nat. Hist. Mus. (Ent.) 68: 133.
- Bethylus boops* (Thoms.) *Ta*: Janakkala. Vikberg 1999 EF 10: 246.
- Trimorus therycides* (Walk.) (*autumnalis* (Thoms.)),

pallipes (Thoms.)). Finland. Johnson 1992 Mem. Amer. Ent. Inst. 51: 552.

**Formica fennica* Seif. *Sb*: Iisalmi, *Kb*: Kitee & Ilomantsi. Seifert 2000 Zoosystema 22: 535.

Spilomena differens Blüthg. (sp. dist.) *Al*, *Ab*, *N*, *St*, *Ta*, *Sa*. Vikberg 2000 EF 11: 49.

*— *valkeilai* Vikb. *Ab*, *N*, *Ta*, *Sa*, *Tb*. *ibid.*: 43.

Crossocerus assimilis (Smith) *Ta*: Janakkala. Vikberg 1999: 245.

Present number: 5755 – 84 + 305 = 5976 spp.

In 1971, Hellén commented upon the increase in numbers of insect species during the past 50 years (Notulae Entomol. 51: 90), and made a prediction on how the situation might develop. It may be of interest to see how his suggestion for the year 2000 agrees with what we actually have. In Table 1, the number of species in various orders is given for the years 1950, 1970 and 2000, as well as Hellén's prediction for 2000 (column 2000H). It should be kept in mind that Hellén's numbers also include those species, which only were collected in areas lost through the Second World War, and which accordingly are no longer considered part of the Finnish fauna.

Table 1. Number of insect of various orders reported from Finland in 1950, 1970 and 2000, together with Hellén's prediction (2000H) for the year 2000.

	1950	1970	2000H	2000
Collembola	156	170	180	218
Diplura	1	1	2	1
Protura	1	3	5	3
Thysanura	4	4	4	4
Ephemeroptera	57	59	65	55
Odonata	50	51	53	52
Plecoptera	35	33	40	35
Dermaptera	2	2	3	2
Orthoptera	35	36	38	32
Dictyoptera	6	6	6	7
Psocoptera	51	56	65	65
Phthiraptera	147	223	368	292
Hemiptera	902	1130	1300	1376
Thysanoptera	113	113	120	114
Neuroptera	61	62	65	62
Coleoptera	3239	3412	3650	3632
Strepsiptera	6	7	10	5
Trichoptera	202	202	210	213
Lepidoptera	2071	2196	2350	2426
Mecoptera	6	6	8	6
Diptera	4098	4655	5400	5349
Siphonaptera	44	44	50	52
Hymenoptera	3700	4886	6200	5976
Total	14987	17357	20192	19977