

Changes in the list of Finnish insects during 2001–2005

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During the period 2001–2005, 769 species have been added to the list of Finnish insects, and 213 species have been deleted from it. At the end of year 2005, a total of 20,533 insect species were known from Finland. The Finnish insect fauna is generally well known. Still, particularly for Diptera Nematocera and Hymenoptera Parasitica, and to some degree also in part of Hemiptera, there still remains much to be done.

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1. Introduction

This paper is a sequel to a similar list published in 2001 (Silfverberg 2001, Entomol. Fennica 12: 227–243), which itself was a continuation of a series of lists published in 1921–1996 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 (for the provinces, see e.g. Heikinheimo & Raatikainen 1981, Notulae Entomol. 61: 133–154). 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.

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 and NE = Notulae Entomologicae. A species enclosed in square brackets is considered accidentally im-

ported, 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.

A thorough examination of earlier lists showed that a few species had been added twice. In order to correct the numbers, corresponding subtractions are made.

During the period covered by this list, 769 species have been added to the list of Finnish insects and 213 species have been deleted from it. At the end of year 2005, a total of 20,533 insect species were known from Finland.

2. Additions and deletions from the list of Finnish insects

Collembola

Deletions

Anurida brunsvigiensis Hüh. (= *A. ellipsoides* Stach). Fjellberg 1998 Fauna Entomol. Scand. 35:84.

Species accidentally counted twice

- Protaphorura fimata* (Gisin). Silfverberg 1991 EF 2:9; Silfverberg 2001 EF 12:217.
Tullbergia arctica Wahlgr. Silfverberg 1991:9; Silfverberg 2001:217.
Mesaphorura hylophila Rusek. Silfverberg 1991:9; Silfverberg 2001:218.
 – *tenuisensillata* Rusek. Silfverberg 1991:9; Silfverberg 2001:218.

Additions

- Isotoma anglicana* Lubbock. *Ta, Tb*. Huhta & al. 2005 Memoranda Soc. Fauna Flora Fenn. 81:62.
Lepidocyrtus violaceus (Geoffr.) *Tb*. *ibid.*:62.

Present number: 218 – 5 + 2 = 215 spp.

Thysanura

Additions

- Ctenolepisma lineata* (F.) *N*: Helsingfors. Huldén 2001 *Sahlbergia* 6:37.
 [– *longicaudata* Esch. *N*: Esbo & Helsingfors. *ibid.*:37.]

Present number: 4 + 1 = 5 spp.

Odonata

Additions

- Sympyga paedisca* Brauer. *Ab*: Dragsfjärd Örö. Kullberg 2004 *Suomen Luonto* 63(7):17.
Aeshna mixta Latr. *Al, Ab, N*. Kauppinen 2002 *Suomen Luonto* 61(10):16. Hildén & al. 2003b Memoranda Soc. Fauna Flora Fennica 79:76. Hämäläinen, Huldén & Karjalainen 2004 *Sahlbergia* 8:49.

Present number: 52 + 2 = 54 spp.

Psocoptera

Additions

- Psocus flavonimbatus* Rost. *Ok*: Kuhmo. Lienhard & Kanervo 2002 EF 13:59.
Mesopsocus helveticus Lienh. *Ab, N*. Kanervo 2002 *Sahlbergia* 7:37.

Present number: 65 + 2 = 67 spp.

Phthiraptera

Deletions

- Menacanthus vistulanus* Eichl. & Zlot. (= *M. curru-*

cae ssp.) Hackman 1994 Memoranda Soc. Fauna Flora Fenn. 70:59.

- Holomenopon nyrocae* (Blagov.) (= *H. leucoanthum* ssp.) *ibid.*:41.
Actornithophilus laveni Eichl. (= *A. ochraceus* ssp.) *ibid.*:46.
Ricinus bombycillae (Denny) (*intermedius* (Piag.)) (= *R. elongatus* ssp.) *ibid.*:56.
Craspedonirmus frontatus (Nitzsch) (= *C. colymbinus* ssp.) *ibid.*:36.
Columbicola bacillus (Gieb.) (= *C. columbae* ssp.) *ibid.*:53.
Saemundssonina melanocephala (Burm.) (= *S. sternaes* ssp.) *ibid.*:51.
Lunaceps phaeopi (Denny) (= *L. numenii* ssp.) *ibid.*:49.
Allobrueelia viscivora (Denny) (= *A. marginata* ssp.) *ibid.*:57.
Docophorulus bischoffi Eichl. (= *D. merulae* ssp.) *ibid.*:57.
Cypseloecus microsomaticus (Tand.) (*hirundinis* (Piag.)) (= *C. excisus* ssp.) *ibid.*:55.
Pediculus capitis (DeG.) (= *P. humanus* L., var.) Leo & Barker 2005 *Parasitol. Res.* 98:45.

Additions

- Menacanthus merisuoi* Eichl. Finland (on *Nucifraga caryocatactes*) Hackman 1994 Memoranda Soc. Fauna Flora Fenn. 70:62.
Lanicanthus camelinus inaequalis (Piag.) Finland (on *Lanius collurio*) *ibid.*:61.
Austromenopon vanelli Zlot. Finland (on *Vanellus vanellus*) *ibid.*:47.
Holomenopon clypeilargum Eichl. Finland (on *Mergus merganser*) *ibid.*:42.
Lariphophilus piceus (Denny) Finland (on *Larus argentatus*) *ibid.*:51.
Laemobothrion maximum (Scop.) Finland (on *Haliaeetus albicilla*) *ibid.*:42.
Lagopoecus tetrastei Bech. Finland (on *Tetrastes bonasia*) *ibid.*:45.
Anaticola rheinwaldi Eichl. & Vasj. Finland (on *Branta bernicla*) *ibid.*:39.
Columbicola claviformis (Denny) (sp. dist.) Finland (on *Columba palumbus*) *ibid.*:52.
Aquanirmus emersoni Edw. Finland (on *Podiceps griseigena*) *ibid.*:37.
Lunaceps falcinellus Timm. Finland (on *Limicola falcinellus*) *ibid.*:48.
Strigiphilus glaucidii Zlot. (sp. dist.) Finland (on *Glaucidium passerinum*) *ibid.*:53.
Picophilopterus arcticus Carr. Finland (on *Picoides tridactylus*) *ibid.*:55.
Docophorulus hansmanchi Eichl. & Vasj. Finland (on *Loxia leucoptera*) *ibid.*:63.

Present number: 292 – 12 + 14 = 294 spp.

Hemiptera

Deletions

- Aradus crassicornis* Boh. (= *A. betulinus* Fall.). Heiss 2001 Catal. Heteropt. Pal. Reg. 4:17.
– *pictus* Bärenspr. (f.d., = *A. obtectus* Vászárh.). *ibid.*:17.

Additions

- Calocoris affinis* (H.-Sch.) *N*: Espoo, Helsinki. Albrecht & al. 2004 Sahlbergia 8:65.
Phytocoris reuteri (Saund.) *Ab*: Turku, *N*: Hanko. *ibid.*:65.
Europiella artemisiae (Beck.) (*obscura* (J.Sahlb.)). Finland. Schuh, Lindskog & Kerzhner 1995 Proc. Entomol. Soc. Washington 97:386.
Liorhyssus hyalinus (F.) *Ab*: Nagu. Ollikainen & Rinne 2005 Sahlbergia 10:65.
Amphiareus obscuriceps (Popp.) *Ka*: Hamina. Albrecht & al. 2004:66.
Odontoscelis fuliginosa (L.) *N*: Pyhtää. *ibid.*:67
Dybowskyia reticulata (Dall.) *Ka*: Hamina. *ibid.*:67.
Eysarcoris aeneus (Scop.) *Ka*: Hamina. *ibid.*:67.
Cyphostethus tristriatus (F.) *Ka*: Vehkalahti. *ibid.*:67.
Aradus obtectus Vászárh. (*A. pictus* auct.). Finland. Heiss 2001 Catal. Heteropt. Pal. Reg. 4:16.
Kelisia praecox Haupt *Ab, N*. Albrecht & al. 2004:68.
Stenocranus fuscovittatus (Stål) *N*: Pernå. *ibid.*:68.
Populicerus albicans (Kirschb.) *N, Ka*. *ibid.*:68.
Macropsidius sahlbergi (Flor) *Sa*: Lappeenranta. *ibid.*:68.
Macropsis scutellata (Boh.) Finland. Söderman 2004 Beitr. Zikadenk. 7:28.
Oncopsis avellanae Edw. Finland. *ibid.*:26.
Alebra albotriella (Fall.) *Sa*: Joutseno. Albrecht & al. 2004:68.
– *neglecta* Wagn. *Sa*: Joutseno. *ibid.*:69.
– *wahlbergi* (Boh.) *Ab, N*. *ibid.*:69.
Vilbasteana oculata (Lindb.) *N, Ka, Sa*. *ibid.*:69.
Fagocyba carri (Edw.) *Ab*: Turku Ruissalo. *ibid.*:69.
Edwardsiana ampliata (Wagn.) *N*: Helsinki. *ibid.*:69.
– *lanternae* (Wagn.) *N, Ta, Sa*. *ibid.*:69.
– *gratiosa* (Boh.) *N*: Pyhtää, *Ka*: Vehkalahti. *ibid.*:69.
Eupterycyba jucunda (H.-Sch.) *Ab*: Mietoinen. *ibid.*:69.
Typhlocyba quercus (F.) *Al, Ab, N, Ka, Ta, Sa, Kb*. *ibid.*:69.
Zygina angusta Leth. *Ab*: Rymättylä. *ibid.*:70.
Balclutha arhenana (Dlab.) *Al, Ab, N, Ka, Ta, Sa, Kb*. *ibid.*:70.
– *boica* (Wagn.) *N, Oa, Sb, Om, Ob*. *ibid.*:70.
Scleroracus identicus Tish. Finland. Söderman 2004:26.

- Laburrus impictifrons* (Boh.) *Sa*: Lappeenranta. Albrecht & al. 2004:71.
Metalimnus steini (Fieb.) Finland. Söderman 2004:28.
Paralimnus zachvatkini Em. Finland. *ibid.*:28.
Parapotes reticulatus (Horv.) *N*: Hangö. Albrecht & al. 2004:71.
Calamotettix taeniatus (Horv.) *Al, N, Ka, Sa*. *ibid.*:71.
Mongolojassus bicuspidatus (J.Sahlb.) *Sa*: Lappeenranta. *ibid.*:71.
Aphalara crispicola Oss. *N*: Helsinge, *Sa*: Mikkeli (O. Heikinheimo). Ossiannilsson 1992 Fauna Ent. Scand. 26:48.
Cacopsylla melanoneura (Först.) *Ab, N, Ka, Ta*. Albrecht & al. 2004:71.
Trioza rotundata Flor *St*: Ikaalinen. Mattila 2002 Diamina 11:32.
Pemphigus populi Couch. *Ab, N, Ka, Ta, Sa, Oa*. Albrecht & al. 2004:72.
Aphis erigerontis Holm. *Ta*: Nastola. *ibid.*:73.
– *newtoni* (Theob.) *N*: Helsinki. *ibid.*:74.
– *selini* (Börn.) *N*: Helsinki, Pernå. *ibid.*:74.
– *viburni* Scop. *N*: Sibbo, *Sa*: Punkaharju. *ibid.*:74.
Brachycaudus tragopoginis (Kalt.) *Ab, N*. *ibid.*:75.
Coloradoa campestellata Oss. *Ab*: Pargas. *ibid.*:75.
Dysaphis centaureae (Börn.) *Al*: Hammarland. *ibid.*:75.
– *newskyi* (Börn.) *Ta, Oa*. Heie 1995 Fauna Ent. Scand. 31:175. Albrecht & al. 2004:75
Hyperomyzus lampanae Börn. *N, Ta*. Albrecht & al. 2004:75.
Macrosiphoniella asteris (Walk.) *Ab*: Dragsfjärd. *ibid.*:75.
Pleotrichophorus duponti HRL *Oa*: Närpes. *ibid.*:75.
Titanosiphon artemisiae (Koch) *Ab*: Dragsfjärd. *ibid.*:75.
Tuberolachnus salignus (Gmel.) *Ab, N, Ka, Ta, Sa*. *ibid.*:76.

Accidentally omitted from check-list in 1984.

Typhlocyba bifasciata Boh. Silfverberg 1981 NE 61:47.

Present number: 1,376 – 2 + 54 = 1,428 spp.

Thysanoptera

Additions

- Lispthrips crassipes* (Jabl.) *Sb*: Joroinen. Kettunen & al. 2005 EF 16:249.
Hoplothrips carpathicus Pel. *Sb*: Jäppilä, Joroinen. *ibid.*:248.
Liophloeothrips hungaricus (Priesn.) *Sb*: Jäppilä. *ibid.*:249.
– *glaber* Priesn. *Sb*: Joroinen. *ibid.*:249.

Present number: 114 + 4 = 118 spp.

Neuroptera

Additions

Chrysopa commata Kis & Ujh. (sp. dist.) Finland.
Popov 2002 Acta Zool. Hungar. 48, Suppl. 2:284.

Present number: 62 + 1 = 63 spp.

Coleoptera

Silfverberg, H. 2004a. Enumeratio nova Coleopterorum Fennoscandiae, Daniae et Baltiae. — Sahlbergia 9:1–111.

– 2004b. Enumeratio nova Coleopterorum: errata. — Sahlbergia 9:122.

Deletions

Haliphus wehncke Gerh. (= *H. sibiricus* Motsch.).
Lundmark & al. 2001 Insect Syst. Evol. 32:248.

Patrobus australis J.Sahlb. (= *P. septentrionis* Dej.).
Zamotajlov 2003 Acta Soc. Zool. Bohem. 67:241.

Helophorus pumilio Er. (f.d., = *H. strigifrons* Thoms.).
Valtonen 2001 Sahlbergia 6:38.

– *obscurus* Muls. (f.d.) *ibid.*:38.

Quedius pseudoumbrinus Lohse (= *Q. umbrinus* Er.).
Assing 1999 Entomol. Blätter 95:39.

Tytthaspis sedecimpunctata (L.) (collected outside Finland).
Biström & al. 2001 Sahlbergia 6:10, Huldén 2001 Sahlbergia 6:38.

Stenostola ferrea (Schr.) (f.d., = *S. dubia* (Laich.)).
Clayhills 2003 Sahlbergia 7:100.

Phytoecia nigricornis (F.) (f.d., = *P. cylindrica* (L.)),
otherwise collected outside Finland). Heliövaara,
Mannerkoski & Siitonen 2004 Suomen sarvijää-
rät, p. 258.

Galerucella kerstensi Lohse (= *G. sagittariae* Gyll.).
Silfverberg 2004a:82.

! *Psylliodes isatidis* Heik. (f.d., = *P. crambicola* Lohse).
Wanntorp & Ödegaard 2005 Entomol. Tid-
skr. 126:193.

Miarus fennicus Kang. (= *M. campanulae* (L.)).
Silfverberg 2004a:93

Additions

! *Badister sodalis* (Duft.) N: Helsinki. Perkiömäki &
Rutänen 2005 Sahlbergia 10:28.

Harpalus rufipalpis Sturm Ab: Dragsfjärd Örö. Rassi
2004 Sahlbergia 8:100.

Microderes brachypus (Stev.) Finland (S. Karjalai-
nen). Silfverberg 2004a:14, 99.

Bradycellus csikii Laczó Finland (H. Lappalainen).
ibid.:14, 99.

– *verbasci* (Duft.) Finland (P. Rassi). *ibid.*:14, 99.

Hydrochus elongatus (Schall.) Finland (S. Karjalai-
nen). *ibid.*:15, 99.

Berosus signaticollis (Charp.) Al: Föglö. Rassi 2001
Sahlbergia 6:37.

Margarinotus terricola (Germ.) Finland (P. Martikai-
nen). Silfverberg 2004a:18, 99.

Acrotrichis lucidula Rossk. Ta: Somero. Sörensson
& Rutanen 2003 Sahlbergia 7:96.

– *sjobergi* Sundt Ok: Kuhmo. *ibid.*:98.

Tachinus schneideri Luze Finland (I. Rutanen).
Silfverberg 2004a:28, 99.

Aleochara haematoptera Kr. Finland (T. Clayhills).
ibid.:29, 99.

Aloconota strandi Ben. Ab: Suomensjärvi. Iivarinen
2001 Sahlbergia 6:37.

Philhygra pseudoelongatula (Bernh.) Finland
(P. Rassi). Silfverberg 2004a:32, 99.

Atheta indubia (Sharp) Finland (J. Muona). *ibid.*:33,
99.

Trichiusa immigrata Lohse Ab: Nummi-Pusula
(I. Mannerkoski); N: Hyvinkää (I. Rutanen).

Mannerkoski 2001 Sahlbergia 6:37. Hildén & al.
2003a Memoranda Soc. Fauna Flora Fenn. 78:68.

Bolitochara obliqua Er. Finland (M. Landvik).
Silfverberg 2004a:36, 99.

Gabronthus sulcifrons (Sharp) Ab, N, Ta, Kb, Om, Lk.
Smetana & Clayhills 2004 Entomol. Tidskr.
125:121. Silfverberg 2004:43, 99.

Philonthus alpinus Epp. Finland (P. Rassi). Silfver-
berg 2004a:44, 99.

Quedius vexans Epp. Finland (P. Rassi). *ibid.*:45, 99.

* *Trixagus leseigneuri* Muona N: Helsingfors Drumsö
(S. Stockmann). Muona 2002 Bull. Soc. Ento-
mol. France 107:187.

Negastrius arenicola (Boh.) Li: Utsjoki. Gillerfors
2003 Entomol. Tidskr. 124:175.

[*Dermestes haemorrhoidalis* Küst. Ab: Naantali.
Clayhills 2001 Sahlbergia 6:37.]

[*Attagenus trifasciatus* (F.) Finland (J. Muona).
Silfverberg 2004a:56, 99.]

[*Dinoderus bifoveolatus* Woll. N: Espoo (Valovirta).
ibid.:63.]

[*Lyctus hipposideros* Lesne N: Helsingfors. Geis
2002 Mitt. Internat. Entomol. Ver., Suppl. 10:43.]

[*Trogoxylon praeustum* (Er.) N: Helsingfors.
ibid.:52.]

Dorcatoma flavicornis (F.) Finland (J. Mattila, P.
Ahlroth & M. v.Numers). Silfverberg 2004a:58,
99.

Meligethes subaeneus Sturm N. Audisio & al. 2001
Europ. Journ. Entomol. 98:93.

Cryptarcha undata (Ol.) Finland (J. Mattila & P. Ahl-
roth). Silfverberg 2004a:62, 99.

Monotoma quadricollis Aubé Al, Ab, N, Ka, Ta, Sa,
Tb. Rutanen 2003 Sahlbergia 8:25.

Cryptolestes wisei (Rtt.) Finland (I. Rutanen).
Silfverberg 2004a:63, 99.

- Atomaria pseudatra* Rtt. Finland (I. Rutanen).
ibid.:64, 99.
- Calvia decemguttata* (L.) Finland (S. Karjalainen).
ibid.:67, 99.
- Dienerella ruficollis* (Marsh.) Finland (I. Rutanen).
ibid.:68, 99.
- Corticarina truncatella* (Mannh.) Finland (P. Martikainen). ibid.:69, 99.
- Stricticomus tobias* (Mars.) Finland (S. Karjalainen).
ibid.:75, 99.
- [*Plagionotus detritus* (L.) *N*: Esbo, Helsingfors. Bi-
ström 2004a Sahlbergia 9:127.]
- Stenostola dubia* (Laich.) (*nec ferrea* (Schr.)). Fin-
land. Clayhills 2003 Sahlbergia 7:100.
- Otiorhynchus lugdunensis* Boh. Finland (I. Manner-
koski). Silfverberg 2004a:99.
- Ceutorhynchus arquatus* (Hbst.) Finland (P. Rassi).
ibid.:96, 99.
- Carphoborus cholodkowskyi* Spess. *Ta*: Korpilahti.
Hyvärinen & Mattila 2004 Sahlbergia 8:82.

Species accidentally omitted for Finland
in check list.

- ! *Veraphis engelmarki* Franz Finland. Silfverberg
2004b:122.
- ! *Tachyporus quadriscolulatus* Pand. Finland.
ibid.:122.
- ! *Rhagonycha fulva* (Scop.) Finland. ibid.:122.
- ! *Cryptophagus obsoletus* Rtt. Finland. ibid.:122.
- ! *Notaris bimaculatus* (F.) Finland. ibid.:122.

Present number: 3,632 – 11 + 36 = 3,657 spp.

Trichoptera

Deletions

- Apatania stylata* Navás (f.d.) Salokannel & al. 2004
Sahlbergia 9:119.

Additions

- Apatania forsslundi* Tob. *Lk*: Muonio, *Li*: Inari. Mat-
tila & Salokannel 2004 Diamina 13:4. Salokan-
nel & al. 2004 Sahlbergia 9:120.
- *muliebris* McLachl. *Le*: Saana. Ilmonen & Rinne
2005 Diamina 14:4.
- Grammotaulius nitidus* (Müll.) *N*: Tammisaari, Har-
paskog. Salokannel 2003 Diamina 12:2. Salo-
kannel 2004 Sahlbergia 8:100. Salokannel & al.
2004:120.

Present number: 213 – 1 + 3 = 215 spp.

Lepidoptera

- Kullberg, J., Albrecht, A., Kaila, L. & Varis, V. 2002.
Checklist of Finnish Lepidoptera – Suomen per-
hosten luettelo. — Sahlbergia 6:45–190.

Deletions

- Elachista regificella* Sirc. (f.d., = *E. tengstromi* Kaila
& al.). Kaila & al. 2001 EF 12:157.
- Clepsis consimilana* (Hübner) (f.d., = *C. pallidana*
(F.)) Kullberg & al. 2002:100. Mutanen & al.
2003 Baptria 28(2):15.
- Eucosma jaceana* (H.-S.) (f.d., = *E. flavispecula*
Kuzn.). Kullberg & Sundell 2002 Baptria 27:75.
- ! *Melanargia galathea* (L.) dubious record. Nupponen
& al. 2002 Baptria 27:130.
- Selidosema plumarium* (D. & Sch.) (f.d., = *S. brunne-
arium* (Vill.)) Kullberg & al. 2002:155.
- Diarsia florida* (Schm.) (= *D. rubi* (View.)) Kullberg
& al. 2002:159.

Additions

- ! *Stigmella aceris* (Frey) *Al*: Eckerö. Mutanen, Itämi-
es, Junnilainen, Kaitila, Kullberg, Mutanen &
Välimäki 2003 Baptria 28(2):6.
- Tinea pallescentella* Haw. *N*: Kullberg & al. 2002:57.
Mutanen & al. 2003:6.
- Caloptilia robustella* Jäckh *N*: Espoo (M. Tyni); In-
koo (T. Ranki & J. Junnilainen). Kullberg & al.
2002:60. Hildén & al. 2002 Memoranda Soc.
Fauna Flora Fenn. 77:20. Mutanen & al. 2003:6.
Mutanen & Nupponen 2003 Baptria 28(4):7.
- ! *Leucospilapteryx omisella* (Staint.) *Ab, N, Ka, Kb*.
Mutanen, Nupponen & Välimäki 2005 Baptria
30:62. Mutanen, Nupponen & Kaitila 2005 Bap-
tria 30:131.
- Phyllonorycter roboris* (Zell.) *N*: Espoo (M. Tyni).
Kullberg & al. 2002:60. Hildén & al. 2002:20.
Mutanen & al. 2003:7.
- *heringiellus* (Grönl.) (sp. dist.) *Al, Ab, N, Ka, Ta,
Sa, Om, Ob*. Kullberg & al. 2002:61. Mutanen,
Nupponen & Välimäki 2005:66.
- *maestingellus* (Müll.) *N*: Espoo (K. Nupponen).
Kullberg & al. 2002:60. Mutanen & Nupponen
2003:7.
- ! – *issikii* (Kum.) *N, Ta, Kl*. Mutanen, Nupponen &
Välimäki 2005: 62.
- Leucoptera orobi* (Staint.) (sp. dist.) *Al, Ka, Ta, Sa*
Kullberg & al. 2002:65.
- ! *Exaeretia praeustella* (Reb.) *N*: Tammisaari Jussarö
(T. & K. Nupponen). Mutanen, Nupponen & Kai-
tila 2005:124.
- ! *Ethmia dodecea* (Haw.) *N*: Tammisaari Hästö-Busö.
ibid.:125.
- Agonopterix purpurea* (Haw.) *Ab*: Dragsfjärd (K. He-
loma & K. Saloranta). Kullberg & al. 2002:66.

- Kullberg 2002a Tvärminne Stud. 9:61. Mutanen & Nupponen 2003:7.
- *multiplacella* (Ersch.) *Ka*: Virolahti. Kullberg & al. 2002:66. Mutanen & Nupponen 2003:7.
- Depressaria albipunctella* (D. & Sch.) *Ab*: Dragsfjärd Örö (A. & J. Kullberg) Kullberg & al. 2002:66. Kullberg 2002a:61. Kullberg 2002b Baptria 27:77.
- **Elachista tengstromi* Kaila & al. (*regificella* auct.) *Al-Tb*. Kaila & al. 2001 EF 12:164.
- *abiskoella* Bengts. *Li*: Inari (E. & L. Laasonen) Kullberg & al. 2002:68. Laasonen & Laasonen 2003 Baptria 28:23. Mutanen & Nupponen 2003:8.
- Metriotes lutarea* (Haw.) *N*: Vantaa (J. Kaitila). Kullberg & al. 2002:71. Mutanen & al. 2003:7.
- Coleophora lutipennella* (Zell.) *N*: Inkoo (J. Kaitila). Kullberg & al. 2002:71. Mutanen & al. 2003:8.
- *follicularis* (Vall.) *Ka*: Vehkalahti (M. Tyni). Kullberg & Tyni 2002 Baptria 27:19. Kullberg & al. 2002:74.
- !* – *jaernaensis* Björkl. & Palmqv. *Ab*: Piikkiö (B. Wikström), *Ta*. Björklund & Palmqvist 2002 Ent. Tidskr. 123:99.
- ! – *conyzae* Zell. *N*: Tammisaari (T. & K. Nupponen). Mutanen, Nupponen & Välimäki 2005:63.
- !*Pancalia leuwenhoekella* (L.) *N*: Ruotsinpyhtää (J. Junnilainen). Mutanen & Nupponen 2003:8.
- Carpatolechia decorella* (Haw.) *Al*: Lemland (J. Junnilainen). Kullberg & al. 2002:77. Mutanen & al. 2003:8.
- !*Cosmopterix scribaiella* Zell. *N*: Tammisaari, Inkoo. Mutanen, Nupponen & Kaitila 2005:126.
- !*Chionodes tragicellus* (Heyd.) *N*: Helsinki (M. Tyni). Mutanen, Nupponen & Välimäki 2005:63.
- !*Scrobipalpa bryophiloides* Povol. *Ka*: Kotka (L. Luukkonen & R. Teriaho); Virolahti (K. Saloranta & K. Vaalamo). Mutanen & Nupponen 2003:8.
- !*Cosmardia moritzella* (Treit.) *Ab*: Dragsfjärd Örö. Kullberg 2004 Baptria 29:90. Mutanen, Nupponen & Kaitila 2005:127.
- Caryocolum blandulellum* (Tutt) *Ab*: Dragsfjärd Örö (A. & J. Kullberg). Kullberg & al. 2002:79. Kullberg 2002a:61. Kullberg 2002b:79.
- Zygaena minos* (D. & Sch.) *Ab*: Turku (O. Ermala). Kullberg & al. 2002:81.
- !*Zeuzera pyrina* (L.) *Al*: Lemland (K. Vaalamo & B. Wikström). Mutanen, Nupponen & Kaitila 2005:126.
- **Aethes kyrkii* Itäm. & Mut. *Ob*, *Ks*, *Lk*. Kullberg & al. 2002:84 [*Aethes* sp. nr. *cnicana*]. Itämies, Mutanen & Lankinen 2003 Ins. Syst. Evol. 34:8.
- !*Cochylis atricapitana* (Steph.) *Ab*: Dragsfjärd Örö. Kullberg 2003b Baptria 28(4):21.
- !*Bactra suedana* Bengtss. *Al*: Kökar. Mutanen, Nupponen & Välimäki 2005:63.
- Endothenia pullana* (Haw.) *N*: Pyhtää. Kullberg & al. 2002:87. Mutanen & al. 2003:8.
- ! – *gentianacea* (Hüb.) *Kb*: Ilomantsi (J.-P. Kaitila & E. Tuomisto). Mutanen, Nupponen & Kaitila 2005:127.
- !*Ancyliis rhenana* Müll.-R. *Ab*, *N*, *Ka*. Laasonen & Laasonen 2005 Baptria 29:122. Mutanen, Nupponen & Kaitila 2005:127.
- Pelochrista mollitana* (Zell.) *N*: Hanko (J.-P. Kaitila); *N*: Tammisaari (K. & T. Nupponen). Kullberg & al. 2002:90. Mutanen & Nupponen 2003:9.
- Eucosma flavispecula* Kuzn. *Ab*, *N*, *Ka*. Kullberg & Sundell 2002 Baptria 27:76. Hildén & al. 2003a Memoranda Soc. Fauna Flora Fenn. 78:68. Mutanen & Nupponen 2003:12. Mutanen, Nupponen & Välimäki 2005:67.
- ! – *fulvana* Steph. *Al*, *Ab*, *N*, *Ka*, *Ta*, *Kl*. Mutanen, Nupponen & Kaitila 2005:128.
- Epiblema cnicicolanum* (Zell.) *N*: Hanko Russarö (J. Kullberg). Kullberg & al. 2002:91. Kullberg 2002a:61.
- Rhyacionia logaea* Durr. (sp. dist.) *Al*, *Ab*, *N*, *Ka*, *St*, *Ta*, *Sa*. Kullberg & al. 2002:92.
- !*Cydia microgrammana* (Guen.) *N*: Hanko (P. Sundell). Mutanen, Nupponen & Välimäki 2005:64.
- ! – *lobarzewskii* (Now.) *Al*: Maarianhamina (K. Vaalamo & B. Wikström). Mutanen, Nupponen & Kaitila 2005:128.
- ! – *oxytropidis* (Mart.) *Ka*: Virolahti (J. & P. Kaitila & S. Korpela). *ibid.*:128.
- !*Grapholita janthiniana* (Dup.) *N*: Hanko (T. Mutanen & T. Ojala). Mutanen, Nupponen & Välimäki 2005:64.
- Pammene luculentana* (Kuzn.) *Ta*: Orivesi, *Kl*: Parikkala. Laasonen & Laasonen 2002 Baptria 27:29. Kullberg & al. 2002:93. Mutanen & al. 2003:8.
- Tebenna pretiosana* (Dup.) *N* (E. Franssila), *Ka* (J. & P. Kaitila). Kullberg & al. 2002:94. Mutanen, Nupponen & Kaitila 2005:131.
- Stenoptilia zophodactyla* (Dup.) *Ab*: Dragsfjärd Örö (A. & J. Kullberg) Kullberg & al. 2002:95. Kullberg 2002a:61. Kullberg 2002b:80.
- !*Oidaematophorus vafradactylus* Svenss. *N*: Tammisaari Jussarö (T. & K. Nupponen). Mutanen, Nupponen & Kaitila 2005:128.
- !*Salebriopsis albicilla* (H.-S.) *Ab*: Dragsfjärd Örö. Kullberg 2003b:22.
- Etiella zinckenella* (Tr.) *Ab*: Dragsfjärd (K. Helomaa & K. Saloranta). Kullberg & al. 2002:97. Kullberg 2002a:61. Mutanen & Nupponen 2003:9.
- Nephoterix angustella* (Hüb.) *Ab*: Dragsfjärd Örö (J. Kullberg). Kullberg & al. 2002:98. Kullberg 2002a:61. Kullberg 2002b:81.
- !*Eurhodope cirrigerella* (Zinck.) *Kb*: Kitee (M. Liljebblad & J. Kanerva). Mutanen, Nupponen & Välimäki 2005:64.
- !*Scoparia basistrigalis* Knaggs *N*: Hanko & Tammisaari. Mutanen, Nupponen & Välimäki 2005:64.
- Catoptria verella* (Zinck.) *Al*, *Ab*, *N*, *Ka*. Kullberg & al. 2002:100. Kullberg 2002a:61. Kullberg &

- Junnilainen 2002 *Baptria* 27:86.
- Pediasia luteella* (D. & Sch.) *N, Ka*: Virolahti (J.-P. Kaitila). Kaitila & Nupponen 2002 *Baptria* 27:19. Kullberg & al. 2002:100.
- Evergrestis limbata* (L.) *Al*: Kökar, *N*: Espoo. Kullberg & al. 2002:102. Mutanen & Nupponen 2003:9. Mutanen, Nupponen & Välimäki 2005:67.
- ! *Leptidea reali* Reiss. *Al, N*. Saarinen 2005 *Baptria* 29:114.
- ! *Pontia callidice* (Hüb.) *Li*: Utsjoki (T. Nupponen). Saarinen 2005:114. Mikkola 2005 *Baptria* 29 [recte 30]:101.
- Apatura ilia* (D. & Sch.) *N* (B.-G. Kumlander, H. Tankanen). Kullberg & al. 2002:110. Saarinen 2003 *Baptria* 28:8.
- ! *Limenitis camilla* (L.) *Ta*: Valkeakoski. Nieminen & Nieminen 2004 *Diamina* 13:2.
- Sabra harpagula* (Esp.) *N*: Inkoo (T. Ranki). Kullberg & al. 2002:112.
- Scopula caricaria* (Reutti) *N*: Kirkkonummi (J. Junnilainen). Kullberg & al. 2002:113.
- Idaeia ochrata* (Scop.) *Ab*: Dragsfjärd Örö (A. & J. Kullberg). Kullberg & al. 2002:113. Kullberg 2002a:61. Mikkola 2002 *Baptria* 27:59. Kullberg 2003a *Baptria* 28(4):20.
- ! *Rhometra sacraria* (L.) *Ta*: Hattula. Mikkola 2004 *Baptria* 29:26.
- Eupithecia fraxinata* Crewe (sp. dist.) *Al, Ab, N, St, Oa, Ob*. Kullberg & al. 2002:119.
- Ligdia adustata* (D. & Sch.) *N*: Vantaa (J. Tamminen). Kullberg & al. 2002:120. Kullberg & Wettenhovi 2002 *Baptria* 27:99.
- ! *Alsophila aescularia* (D. & Sch.) *Sb*: Suonenjoki. Leinonen, Ylönen & Ylönen 2005 *Baptria* 30:71.
- ! *Alcis bastelbergeri* (Hirschke) *Ka*: Virolahti (L. Jalonon, O. Helminen & I. Seuranen). Kaitila & Jalonon 2004 *Baptria* 29:69.
- ! *Peridea anceps* (Gze.) *N*: Nurmijärvi (K. Keinänen). Hildén & al. 2003b *Memoranda Soc. Fauna Flora Fenn.* 79:77.
- Arctornis l-nigrum* (Müll.) *Ka*: Virolahti (J.-P. Kaitila & S. Korpela). Kullberg & al. 2002:125. Mikkola 2002:59.
- ! *Pelosia obtusa* (H.-S.) *Al*: Kökar. Sundell & Kaitila 2003 *Baptria* 28(4):16.
- [*Holomelina aurantiaca* (Hb.) *Sa*: Ristiina. Sihvonen & Sihvonen 2001 *Baptria* 26:121.]
- ! *Phragmatobia luctifera* (D. & Sch.) *N*: Kirkkonummi. Helomaa 2005 *Baptria* 29 [recte 30]:112.
- Schranckia intermedialis* Reid *Ka*: Virolahti (M. & T. Mutanen & P. Välimäki). Kullberg & al. 2002:128. Mikkola 2002:59.
- *taenialis* (Hüb.) *Ka*: Kotka (J. Suomi). Kullberg & al. 2002:128. Mikkola 2002:59.
- Calyptra thalictri* (Borkh.) *Kl*: Simpele (M. Sinervirta). Kullberg & al. 2002:129.
- ! *Diachrysia zosimi* (Hb.) *Ka*: Virolahti (R. Elfving).
- Mikkola 2003 *Helsingin Sanomat* 27.7.:D10.
- Acrionicta cinerea* (Hufn.) (sp. dist.) *Ab-Le*. Kullberg & al. 2002:131.
- Eucarta virgo* (Tr.) *N*: Hangö (A. Graeffe). Kullberg & al. 2002:131.
- Aedia finesta* (Hb.) *Ab*: Dragsfjärd Örö. Kullberg 2004:90.
- Cucullia lychnitis* Ramb. *Ab*: Kisko (K. Wettenhovi). Kullberg & al. 2002:132.
- ! – *chamomillae* (D. & Sch.) *N*: Hanko. Lehto 2004 *Baptria* 29:36.
- Platyperigea albina* (Ev.) *N, Ka, Sa*. Kullberg & al. 2002:133. Mikkola 2002:59.
- Oligia versicolor* (Borkh.) *N*: Tammisaari (K. & T. Nupponen). Kullberg & al. 2002:136.
- ! *Mesapamea remmi* Rezb.-R. *Al*: Kökar. Lundsten & Sihvonen 2003 *Baptria* 28(4):18.
- Hadena bicurris* (Hufn.) *Al*: Lemland (K. Vaalamo). Kullberg & al. 2002:138.
- Mythimna vitellina* (Hüb.) *N, Ka*. Kullberg & al. 2002:139.
- ! *Euxoa temera* (Hüb.) *N*: Kirkkonummi (D. Lindblom). Peltokangas 2002 *Baptria* 27:50. Kullberg 2005 *Baptria* 30:36
- ! – *vitta* (Esp.) *Ab, N*. Kullberg 2005:36.

Present number: 2,426 – 6 + 89 = 2,509 spp.

Diptera

Kahanpää, J. & Winqvist, K. 2005. Check-list of Finnish flies: families Xylophagidae – Microphoridae. — *Sahlbergia* 10:10–27.

Deletions

- Prionocera lapponica* Tjed. (= *P. recta* Tjed.). Oosterbroek & Theowald 1992 *Catal. Pal. Dipt.* 1:85.
- Neolimnomyia leucophaea* (Meig.) (= *N. nemoralis* (Meig.)). Savchenko, Oosterbroek & Starý 1992 *Catal. Pal. Dipt.* 1:225.
- Dicranomyia schineriana* (Alex.) (= *D. schineri* Lacks.). *ibid.*:344.
- Cricotopus alpestris* Goetgh. (= *C. annulator* Goetgh.). Ashe & Cranston 1990 *Catal. Pal. Dipt.* 2:172.
- Psectrocladius edwardsi* Brund. (= *P. limbatellus* (Holmgr.)). *ibid.*:218.
- Tanytarsus decipiens* Lindeb. (= *T. lestagei* Goetgh.). Ekrem 2004 *Deutsche Entomol. Zschr.* 51:108.
- *palmeni* Lindeb. (= *T. lestagei* Goetgh.). *ibid.*:108.
- *socialis* Lindeb. (= *T. telmaticus* Lindeb.). *ibid.*:113.
- *simulans* Lindeb. (= *T. telmaticus* Lindeb.). *ibid.*:113.
- Bolitophila tarsata* (May.) (= *B. modesta* Lacks.).

- Kallweit & Plassmann 1999 Stud. Dipterol., Suppl. 2:17.
- Brevicornu boreale* (Lundstr.) (= *B. griseolum* (Zett.)). Kjaerandsen 2005 Zootaxa 856:2.
- Mycetophila tarsata* Winn. (= *M. occultans* Lundstr.). Zaitzev 2003 Dipterol. Res. 14:268.
- Phronia minuta* Landr. (= *P. longelamellata* Strobl, nec auct.). Chandler 2001 Brit. Journ. Entomol. Nat. Hist. 13:241.
- *appropinquata* Strobl (= *Trichonta vulcani* (Dzi-edz.)). Zaitzev 2003:356.
- Trichonta adunca* Edw. (= *T. atricauda* (Zett.)). *ibid.*:339.
- *nigricauda* Lundstr. (= *T. vulgaris* Loew). *ibid.*:358.
- Trichosia elegans* (Winn.) (= *Leptosciarella scutellata* (Staeg.)). Menzel & Mohrig 1999 Stud. Dipterol., Suppl. 6:361.
- *coarctata* (Winn.) (= *Leptosciarella trochanterata* (Zett.)). *ibid.*:358.
- Plastosciara brachialis* (Winn.) (= *Cratyna nobilis* (Winn.)). *ibid.*:280.
- *brevicornis* Tuomik. (= *Cratyna perplexa* (Winn.)). *ibid.*:284.
- Campiochaeta uncinata* Hippa & Vilk. (= *Corynop-tera parvula* (Winn.)). *ibid.*:242.
- Lycoriella solani* (Winn.) (= *L. ingenua* (Duft.)). *ibid.*:394.
- *brevipila* Tuomik. (= *L. ingenua* (Duft.)). *ibid.*:394.
- Bradysia betuleti* (Leng.) (= *B. hilaris* (Winn.)). *ibid.*:167.
- *atroparva* Frey (= *B. nitidicollis* (Meig.)). *ibid.*:180.
- *degenerans* Frey (= *Scaptosciara tricuspidata* (Winn.)). *ibid.*:501.
- *myrmecophila* Frey (= *Scaptosciara curviforceps* (Buk. & Leng.)). *ibid.*:497.
- Leptomorphus quadrimaculatus* (Matsum.) (f.d., = *L. subforcipatus* Zaitz. & Ševč.). Zaitzev & Ševčik 2002 Acta Zool. Acad. Sci. Hungar. 48:203.
- Sargus splendens* Meig. (f.d., = *S. flavipes* Meig.). Kahanpää & Winqvist 2005:20.
- Odontomyia hydroleon* (L.) (doubtful record). *ibid.*:13
- Haematopota italica* Meig. (f.d., = *H. pluvialis* (L.)). *ibid.*:13.
- Cyrtopogon maculipennis* (Macq.) (= *C. flavimanus* (Meig.)). Lehr 1988 Catal. Pal. Dipt. 5:237.
- Cliorismia ardea* (F.) (recorded outside Finland). Kahanpää & Winqvist 2005:14.
- *rustica* (Panz.) (recorded outside Finland). *ibid.*:14.
- Thereva circumscripta* Loew (f.d., = *T. valida* Loew). *ibid.*:14.
- Bombylius albibarbis* Zett. (= *B. minor* L.). *ibid.*:22.
- Anastoechus nitidulus* (F.) (doubtful record). *ibid.*:14.
- Villa circumdata* (Meig.) (f.d.). *ibid.*:14.
- *halteralis* (Kow.) (doubtful record). *ibid.*:14.
- *paniscus* (Rossi) (f.d., = *V. modesta* (Meig.)). *ibid.*:14.
- Microphorella praecox* (Loew) (doubtful record). *ibid.*:17.
- Iteaphila furcata* (Zett.) (doubtful record). *ibid.*:16.
- Hilara flavipes* Meig. (f.d.). Chvála 2005 Fauna Ent. Scand. 40:48.
- *quadrifaria* Strobl (f.d., = *H. coracina* Old.). Chvála 2002a EF 13:74.
- *hirtella* Coll. (f.d., = *H. hirta* Strobl). Chvála 2002b Acta Univ. Carol., Biol. 46:245. Chvála 2005:115.
- *pseudochorica* Strobl (f.d.). Kahanpää & Winqvist 2005:15.
- *quadrivittata* Meig. (f.d., = *quadrifasciata* Chvála). *ibid.*:23.
- *scrobiculata* Loew (f.d.). *ibid.*:16.
- *tetragramma* Loew (doubtful record). *ibid.*:16.
- Empis punctata* Meig. (recorded outside Finland). *ibid.*:15.
- Rhamphomyia tibialis* Meig. (f.d.). *ibid.*:16.
- *anomala* Old. (f.d., = *R. anomalipennis* Meig.). *ibid.*:16.
- *tephraea* Meig. (f.d., = *R. maculipennis* Zett.). *ibid.*:16.
- *aperta* Zett. (= *R. griseola* Zett. (?)). *ibid.*:24.
- *longestylata* Frey (= *R. caudata* (Zett.)). *ibid.*:16.
- *dentipes* Zett. (= *R. pilifer* Meig.). *ibid.*:24.
- *intermedia* Frey (= *R. pilifer* Meig.). *ibid.*:24.
- Chelifera astigma* Coll. (doubtful record). *ibid.*:16.
- Clinocera nigra* Meig. (doubtful record). *ibid.*:15.
- Medetera thunebergi* Negr. (= *M. excellens* Frey). Grichanov 2002 Ent. Tidskr. 123:124.
- Megaselia setifer* (Lundb.) (= *M. tumida* (Wood)). Disney 2002 Bonn. zool. Beitr. 50:297. Listed with question mark by Hackman (1980).
- Baccha obscuripennis* (Meig.) (= *B. elongata* (F.)). Haarto & Kerppola 2004 Sahlbergia 9:154.
- Chrysotoxum elegans* Loew (f.d., = *C. octomaculatum* Curt.). *ibid.*:154.
- Platycheirus complicatus* Beck. (f.d., = *P. kittilaensis* Dušek & Laska). *ibid.*:154.
- Pipizella brevis* Luc. (f.d., = *P. curta* Viol.). *ibid.*:155.
- *virens* (F.) (f.d., = *P. viduata* (L.)). *ibid.*:155.
- Cheilosia gracilis* Hell. (= *C. gigantea* (Zett.)). *ibid.*:154.
- *rotundicornis* Hell. (= *C. vernalis* (Fall.)). *ibid.*:154.
- *ruralis* (Meig.) (= *C. mutabilis* (Fall.)). *ibid.*:154.
- *soror* (Zett.) (f.d., = *C. longula* (Zett.)). *ibid.*:154.
- Chrysogaster viduata* (L.) (f.d., = *Melanogaster aëro-rosa* (Loew)). *ibid.*:154.
- Orthonevra brevicornis* (Loew) (f.d., = *O. plumbago* (Loew)). *ibid.*:154.
- Eristalis vitripennis* Strobl (= *E. rupium* F.). Hippa, Nielsen & Steenis 2001 Norw. J. Entomol. 48:312.

- Temnostoma bombylans* (F.) (f.d., = *T. angustistriatum* Kriv.). Krivosheina & Ståhls 2004 Sahlbergia 8:97.
- Eudorylas fascipes* (Zett.) (f.d., = *E. coloratus* (Beck.)). Kehlmaier 2005 Verh. Naturwiss. Ver. Hamburg 41:223.
- Psila buccata* Fall. (= *Chamaepsila gracilis* (Meig.)). Soós 1984 Catal. Pal. Dipt. 9:30.
- Homalocephala bipunctata* (Loew) (= *H. albitarsis* (Zett.)). Zaitzev 1984 Catal. Pal. Dipt. 9:65.
- Campiglossa borealis* Port. (= *C. grandinata* (Rond.)). Foote 1984 Catal. Pal. Dipt. 9:74.
- Sapromyza imitatrix* Czerny (= *S. opaca* Beck.). Papp 1984 Catal. Pal. Dipt. 9:214.
- Palloptera arcuata* (F.) (f.d., = *P. trimacula* Meig.). Morge 1984 Catal. Pal. Dipt. 9:246.
- Lonchaea laticornis* Meig. (f.d., = *L. caledonica* McGow. & Roth.). MacGowan & Rotheray 2000 Dipter. Dig. 7:39.
- Anthomyza sordidella* (Zett.) (= *A. gracilis* Fall.). Andersson 1984 Catal. Pal. Dipt. 10:52.
- Geomyza consobrina* Zett. (= *G. apicalis* Meig.). Soós 1984 Catal. Pal. Dipt. 10:55.
- Ischiolepta paracrenata* (Duda) (= *I. denticulata* (Meig.)). Papp 1988 Catal. Pal. Dipt. 10:70.
- Limosina antennata* Duda (= *Pullimosina moesta* Villen.). Rohaček 2000 Bull. Soc. Ent. France 105:474.
- Chlorops zonulatus* Wahlgr. (f.d., = *C. kirigaminensis* Kanm.). Nartshuk 2002 Dipterol. Res. 13:16.
- Orygma luctuosum* Meig. (collected outside Finland). Pont & Meier 2002 Fauna Ent. Scand. 37:38.
- Cordilura melanacra* (Loew) (= *Scoliaphleps ustulata* (Zett.)). Šifner 2003 Acta Mus. Natn. Prag., Ser. B 59:19.
- Cosmetopus fulvipes* (Zett.) (= *C. dentimanus* (Zett.)). Gorodkov 1986 Catal. Pal. Dipt. 11:23.
- Parallelomma paridis* Her. (= *Americina vittata* (Meig.)). Šifner 2003:65.
- Fannia glaucescens* (Zett.) (= *F. armata* (Meig.)). Pont 2002 Ins. Syst. Evol. 33:107.
- Hydrotaea occulta* (Meig.) (= *H. armipes* (Fall.)). Pont 1986 Catal. Pal. Dipt. 11:75.
- Hebecnema affinis* Mall. (= *H. vespertina* (Fall.)). *ibid.*:162.
- Spilogona fumipennis* (Zett.) (= *S. contractifrons* (Zett.)). *ibid.*:166.
- Sarcophaga schulzi* Müll. (= *S. carnaria* (L.)). Pape 1987 Fauna Ent. Scand. 19:176.
- Species accidentally counted twice
- Hydrobaenus pilipes* (Mall.) Hackman 1980 NE 60:27; Silfverberg 1981 NE 61:53.
- Propiloscerus* [*Tokunagayusurika*] *jacuticus* (Zvet.) Silfverberg 1991 EF 2:14; Silfverberg 1996 EF 7:45.
- Chironomus macani* Freem. Hackman 1980:27; Silfverberg 2001 EF 12:232.
- *melanotus* Keyl Silfverberg 1981:53; Silfverberg 2001:232.
- Pachyneura fasciata* Zett. Hackman 1980:29; Silfverberg 1996:45.
- Eupeodes* [*Metasyrphus*] *abiskoensis* (Dušek & Las.) Silfverberg 1996:45; Silfverberg 2001:234.
- Admontia* [*Trichopareia*] *grandicornis* (Zett.) Hackman 1980:141; Silfverberg 1986:141.
- Prosopea nigricans* (Egg.) Silfverberg 1981:55; Silfverberg 1986:142.
- Species reported and later deleted
- Sciophilha hebes* Johans. (= *S. antiqua* Chandl.) Ok: Kuhmo. Komonen 2001 Sahlbergia 6:37. Polevoi & Jakovlev 2004:138.
- Simulium sublacustre* Dav. Ks: Kuusamo. Kuusela 1992:42. Synonym of *S. rostratum* (Lundstr.) Yankovsky 2002 Opred. Faune Rossii 170:22.
- Additions
- Tipula laccata* Lundstr. & Frey Ks: Kuusamo (H. Bruun). Viramo 1992 Oulanka Rep. 10:36.
- *wahlgreni* Ecksch. Sb: Savonranta. Stari & Salmela 2004 EF 15:47.
- Ula mixta* Stari Ab, Ta, Sb. Salmela 2001b EF 12:152. Stari & Salmela 2004:47.
- *kiushiuensis* Alex. N: Espoo, Kb: Ilomantsi, Ks: Kuusamo. Salmela & Piirainen 2003 Norw. Journ. Entomol. 50:76.
- Dicranota gracilipes* Wahlgr. Li: Inari. Salmela 2001a Diamina 10:21.
- *pavida* (Halid.) Ab, Sb. Salmela 2001b:152.
- Paradelphomyia fuscula* (Loew) Ab, N, Ta. Krogerus 1936 Notulae Entomol. 16:89. Salmela 2001b:150. Accidentally omitted from check list in 1980.
- Adelphomyia punctum* (Meig.) Ta: Urjala. Salmela & Härmä 2004 Sahlbergia 9:141.
- Erioptera pederi* Tjed. Ta: Somero. Salmela 2001b:150.
- Molophilus bifidus* Goetgh. Ab: Kiikala. *ibid.*:150.
- *bihamatus* Meij. Ta: Ruovesi. *ibid.*:150.
- *corniger* Meij. Ab, N, Ta. *ibid.*:151.
- Gnophomyia acheron* Alex. Sb: Savonranta. Stari & Salmela 2004:47.
- Lipsothrix ecucullata* Edw. Ab, N, Ta, Sb. Salmela 2001b:151. Stari & Salmela 2004:47.
- Elephantomyia krivosheinae* Savch. Sb: Savonranta. Kb: Ilomantsi. Polevoi 2001b Metsähall. luonnonsuoj.julk. A 131:191. Stari & Salmela 2004:47.
- Helius flavus* (Walker) Ta: Tampere. Salmela 2002 Diamina 11:32.

- Dicranomyia occidua* Edw. Ks: Kuusamo (H. Bruun). Viramo 1992:36.
- *fusca* (Meig.) Ab: Perniö & Kiikala. Salmela 2001b:151.
 - *handlirschi* Lacksch. Sb: Savonranta. Oa: Kauhajoki (J. Salmela & T. Vuorinen). Salmela 2001a:21. Stari & Salmela 2004:47.
- Libnotes ladogensis* Lack. Kb: Ilomantsi. Polevoi 2001b:191.
- Limonia badia* (Walk.) Sb: Savonranta, Ob: Rovaniemi. Stari & Salmela 2004:44.
- Ptychoptera hugoi* Tjed. Lk: Kolari (K. Mattila). Salmela 2001a:21.
- Sycorax silacea* Halid. Ab: Kiikala (J. Ilmonen). Salmela 2003b Stud. Dipterol. 10:148.
- Ulomyia cognata* (Eat.) Ta: Somero (L. Paasivirta) & Ruovesi (J. Salmela). *ibid.*:148.
- Pneumia* [*Satchelliella*] *bucegiana* (Vaill.) N: Espoo, Ta: Längelmäki, Tampere, Oa: Kauhajoki. Salmela 2002 Diamina 11:31. Salmela 2003b:147.
- *stammeri* (Jung) Ks: Kuusamo. Salmela 2003b:147.
 - *trivialis* (Eat.) Ab, N, Ta, Sa, Oa, Ks. Salmela 2002:32. Salmela 2003b:147.
 - *ussurica* (Wagn.) Tb: Toivakka. Salmela 2004 Memoranda Soc. Fauna Flora Fenn. 80:6,10.
- Pericoma blandula* Eat. Lk: Kittilä (K. Mattila), Li: Inari (K. Mattila). Salmela 2003b:146.
- *formosa* Niels. Oa: Kauhajoki (T. Tuovinen & V. Yli-Teevahainen). *ibid.*:146.
- Tonnoirella nigricauda* (Tonn.) Ta: Tampere. Salmela 2002:32. Salmela 2003b:148.
- Boreoclytocerus* [*Clytocerus*] *rivosus* (Tonn.) Ta: Tampere. Salmela 2002:32. Salmela 2003b:145.
- *tetracorniculatus* Wagn. Ta: Lahti (L. Paasivirta). Tb: Toivakka. Salmela 2003b:145. Salmela 2004:10.
- Bazarella subneglecta* (Tonn.) Oa: Kauhajoki, Ks: Kuusamo, Li: Inari. Salmela 2003b:144.
- Psychoda albipennis* Zett. Ta, Sa, Oa. Salmela 2002:32. Salmela 2003b:145.
- *cinerea* Banks Ta: Tampere. Salmela 2003b:147.
 - *gemina* Eat. Ab: Karjaa, Oa: Kauhajoki. *ibid.*:146.
 - *minuta* Banks Ks: Kuusamo. *ibid.*:147.
- Logima satchelli* (Quate) N: Esbo, Tb: Toivakka. Salmela 2004:6,10. Salmela 2005 Sahlbergia 10:2.
- *erminea* Eat. N: Espoo. Salmela 2005:1.
- Paramormia polyascoidea* (Krek) Ta, Oa, Tb, Sb. Salmela 2003b:146. Salmela 2004:10.
- Katamormia niesiolowskii* Wagn. Sb: Joroinen. Salmela 2003b:145.
- Psycmera integella* (Jung) St: Pori, Ta: Tampere, Lahti. Salmela 2002:32. Salmela 2003b:146.
- Jungiella consors* (Eat.) Ta: Tampere, Luopioinen, Sb: Joroinen. Salmela 2002:32. Salmela 2003b:145.
- *ellisi* With. Ta: Tampere. Salmela 2002:32. Salmela 2003b:145.
 - *pseudolongicornis* Wagn. St, Ta, Sa, Tb. Salmela 2002:32. Salmela 2003b:145. Salmela 2004:10.
- Sciria advena* (Eat.) Sb: Savonranta. Salmela 2005:2.
- Philosepedon balkanicus* Krek. Ta: Ruovesi. Salmela 2003b:146.
- Dixa dilatata* Strobl Ab, N, St, Ta. *ibid.*:148.
- *submaculata* Edw. Ab, N, Ta, Oa, Sb, Kb. *ibid.*:148.
- Dixella filicornis* (Edw.) Sb: Joroinen. *ibid.*:149.
- Bryophaenocladus illimbatus* Edw. Ta: Tampere. Salmela 2002:25.
- Cricotopus maurii* Spies & Saeth. (*polychaetus* Hirv. nec Kieff.) Ta: Tampere. *ibid.*:25.
- Georthocladus luteicornis* (Goetgh.) Ka: Kymijoki. Raunio & Langton 2005 Sahlbergia 10:8.
- Gymnometriocnemus subnudus* (Edw.) Ta: Tampere. Salmela 2002:25.
- Limmophyes natalensis* (Kieff.) Ta: Tampere. *ibid.*:25.
- Metriocnemus atriclava* Kieff. Ta: Tampere. *ibid.*:25.
- *picipes* (Meig.) Ta: Tampere. *ibid.*:25.
- Smittia paranudipennis* Brund. Ta: Tampere. *ibid.*:25.
- Thienemanniella clavicornis* (Kieff.) Kb: Koitajoki. Liljaniemi & al. 2002 Hydrobiol. 474:250.
- Tvetenia discoloripes* (Goetgh.) Kb: Koitajoki. *ibid.*:250.
- *paucunca* (Saeth.) Kb: Koitajoki. *ibid.*:250.
- Chironomus luridus* Strenzke Ta: Riihimäki. Hirvenoja 2002 Sahlbergia 7:7 (only mentioned in the abstract).
- (*Lobochironomus*) *pectoralis* (Kieff.) Ta: Tampere. Salmela 2002:25.
- Parachironomus tenuicaudatus* (Malloch) Ta: Tampere. *ibid.*:26.
- Robackia demeijerei* (Krusem.) Kb: Koitajoki. Liljaniemi & al. 2002:251.
- Zavrelliella marmorata* (v.d.Wulp) Ta: Tampere. Kb: Liperi. Leppä & Hämäläinen 2001 EF 12:44. Salkannel 2002 Diamina 11:25.
- **Stempellina tervolae* Gilka Ob: Tervola. Gilka 2005 Ann. Zool. (Warsz.) 55:414.
- Tanytarsus pallidicornis* (Walk.) Ta: Tampere. Salmela 2002:26.
- *palettaris* Vern. Ta: Riihimäki. Hirvenoja 2002:12.
- Metacnephia saileri* (Stone) Li: Inari. Ilmonen 2005 Sahlbergia 10:56.
- Hellichella* [*Simulium*] *baffinensis* (Twinn) Ta, Lk, Li. Ilmonen & Kuusela 2004 Sahlbergia 8:89.
- *crassa* Rubts. Ta, Ks, Li. *ibid.*:89.
- Cnetha* [*Simulium*] *bicornis* Dorog., Rubts. & Vlas. Ob: [Rovaniemi] Meltaus, Ks: Kuusamo. Kuusela 1992 Oulanka Rep. 10:42. Ojanen & al. 2002 EF 13:157. Yankovsky 2002 Opred. Faune Rossii 170:8.
- Thaumalea truncata* Edw. Ks: Kuusamo. Salmela 2003a Diamina 12:11. Salmela 2003b:150. Hil-dén & al. 2003b:77.
- Mycomya simulans* Väis. Ta: Heinola (Kaila & Rus-

- kanen). Polevoi 2001a Entomol. Obozr. 80:519.
- *indistincta* Pol. *Ab*: Parainen (P. Chandler). Zaitzev & Polevoi 1995 EF 6:186.
 - *humida* Garr. *Kb*: Ilomantsi. Polevoi 2001b:192.
 - Acnemis angusta* Zaitz. [*Kb*: Ilomantsi.] Tapionaho. Polevoi 2001a:520. Polevoi 2001b:193.
 - *falcata* Zaitz. [*Kb*: Ilomantsi.] Tapionaho. Polevoi 2001a:520. Polevoi 2001b:193.
 - *longipes* Winn. [*Kb*: Ilomantsi.] Koitajoki (M. Tiitäväinen). Polevoi 2001a:520. Polevoi 2001b:193.
 - **Leptomorphus subforcipatus* Zaitz. & Ševč. *Kb*: Ilomantsi (A. Jakovlev). Zaitzev & Ševčik 2002 Acta Zool. Acad. Sci. Hungar. 48:208.
 - Monoclona braueri* (Strobl) [*Kb*: Ilomantsi.] Tapionaho. Polevoi 2001a:520. Polevoi 2001b:193.
 - Phthinia congenita* Plassm. [*Kb*: Ilomantsi.] Tapionaho. Polevoi 2001a:521. Polevoi 2001b:193.
 - *mira* Ostrov. *Kb*: Ilomantsi. Polevoi & Jakovlev 2004:138.
 - Sciophila antiqua* Chandl. (*hebes* auct.) *Ok*: Kuhmo. Komonen 2001 Sahlbergia 6:37. Polevoi & Jakovlev 2004:138.
 - *jakutica* Blagod. [*Kb*: Ilomantsi.] Tapionaho. Polevoi 2001a:523. Polevoi 2001b:193.
 - * – *krysheni* Polev. *Kb*: [Ilomantsi.] Tapionaho, Syväjärvi. Polevoi 2001a:523.
 - Acomoptera difficilis* (Dziedz.) *Kb*: Ilomantsi. Polevoi 2001b:194.
 - Boletina erythropyga* Holmgr. *Kb*: Ilomantsi. *ibid.*:194.
 - *nitiduloides* Zaitz. *Kb*: Ilomantsi. *ibid.*:194.
 - *onensis* Polev. *Kb*: Ilomantsi. *ibid.*:194.
 - *populina* Polev. *Kb*: Ilomantsi. *ibid.*:194.
 - * – *falcata* Polev. & Hedm. *Kb*: [Ilomantsi.] Tapionaho, *Ok*: Kuhmo, Sotkamo. Polevoi & Hedmark 2004 EF 15:24.
 - * – *hedstroemi* Polev. & Hedm. *Ok*: Kuhmo. *ibid.*:25.
 - * – *struthioides* Polev. & Hedm. *Le*: Kilpisjärvi (L. Tiensuu). *ibid.*:26.
 - * – *kivachiana* Polev. & Hedm. *Ok*: Kuhmo. *ibid.*:27.
 - * – *fennoscandica* Polev. & Hedm. *Ok*: Kuhmo. *ibid.*:28.
 - * – *subtriangularis* Polev. & Hedm. *Li*: Utsjoki (R. Frey). *ibid.*:30.
 - * – *cordata* Polev. & Hedm. *Kb*: [Ilomantsi.] Tapionaho, Koitajoki, *Ks*: Kuusamo (R. Frey). *ibid.*:31.
 - *lundbecki* Lundstr. (sp. dist.) *Lk*: Pallastunturi. Polevoi & Jakovlev 2004 Sahlbergia 9:136.
 - Impleta consorta* Plassm. *N*: Järvenpää. Kurina 2004 Sahlbergia 8:86.
 - Syntema elegantia* Plassm. *Ok*: Kuhmo. Polevoi 2003 Stud. Dipterol. 10:135.
 - *morosa* Winn. *Ta*, *Tb*, *Kb*, *Ks*. *ibid.*:137.
 - * – *oulankaensis* Polev. *Ks*: Kuusamo. *ibid.*:138.
 - *stylata* Huts. *Ab*, *Kb*, *Ok*, *Ks*. Polevoi 2001b:194. Polevoi 2003:141.
 - *stylatoides* Zaitz. *Kb*, *Ok*. Polevoi 2001b:194. Polevoi 2003:141.
 - Greenomyia baikalica* Zaitz. *Kb*: Ilomantsi. Polevoi 2001b:195.
 - Tetragoneura ambigua* Grzeg. *Kb*: Ilomantsi. *ibid.*:195.
 - *obirata* Plassm. *Kb*: Ilomantsi. *ibid.*:195.
 - Dynatosoma dihaeta* Polev. *Kb*: Ilomantsi. *ibid.*:195.
 - *norwegiense* Zaitz. & Økl. *Kb*: Ilomantsi. *ibid.*:195.
 - Mycetophila abiecta* (Last.) *Kb*: Ilomantsi. *ibid.*:195.
 - *curviseta* Lundstr. *Kb*: Ilomantsi. *ibid.*:195.
 - *evanida* Last. *Kb*: Ilomantsi. *ibid.*:195.
 - *pseudoforcipata* Zaitz. *N*: Järvenpää. Kurina 2004:86.
 - *sublunata* Zaitz. *N*: Järvenpää. *ibid.*:86.
 - *deflexa* Chandl. *Kb*: Ilomantsi. Polevoi & Jakovlev 2004:137.
 - **Phronia carli* Chandl. (*longelamellata* auct.) Finland. Chandler 2001 Brit. Journ. Entomol. Nat. Hist. 13:239.
 - *coritanica* Chandl. *N*: Järvenpää. Kurina 2004:87.
 - *dubioides* Mat. *Kb*: Ilomantsi. Polevoi 2001b:196.
 - Sceptonia costata* (v.d.Wulp) *Kb*: Ilomantsi. *ibid.*:196.
 - *fumipes* Edw. *Kb*: Ilomantsi. *ibid.*:196.
 - *fuscipalpis* Edw. *Kb*: Ilomantsi. *ibid.*:196.
 - *membranacea* Edw. *Kb*: Ilomantsi. *ibid.*:196.
 - Zygomyia kiddi* Chandl. *Kb*: Ilomantsi. *ibid.*:196.
 - Allodia embla* Hackm. *Kb*: Ilomantsi. *ibid.*:197.
 - *confusa* Zaitz. (*simplex* Zaitz. nec (Buk.)) *Kb*: Ilomantsi. Polevoi 2001b:197; Zaitzev 2003 Dipterol. Res. 14:88.
 - *zaitzevi* Kur. *Kb*: Ilomantsi. Polevoi & Jakovlev 2004:137.
 - Anatella bremia* Chandl. *Kb*: Ilomantsi. Polevoi 2001b:197.
 - *crispa* Zaitz. *Kb*: Ilomantsi. *ibid.*:197.
 - *gibba* Winn. *N*: Järvenpää. Kurina 2004:86.
 - Brachypeza armata* Winn. *Kb*: Ilomantsi. Polevoi 2001b:197.
 - Brevicornu beatum* (Joh.) *Kb*: Ilomantsi. *ibid.*:197.
 - *bipartitum* Last. & Mat. *Kb*: Ilomantsi. *ibid.*:197.
 - *improvisum* Zaitz. *Kb*: Ilomantsi. *ibid.*:197.
 - Cordyla nitens* Winn. *Kb*: Ilomantsi. *ibid.*:197.
 - *styliforceps* (Buk.) *Kb*: Ilomantsi. *ibid.*:197.
 - *murina* Winn. *Kb*: Ilomantsi (previously doubtfully included). *ibid.*:197.
 - Exechia pectinivalva* Stack. *Kb*: Ilomantsi. *ibid.*:198.
 - Exechiopsis clypeata* (Lundstr.) *N*: Järvenpää. Kurina 2004:86.
 - **Sciarosoma boreale* Chandl. *Kb*: Lieksa (R. Tuomikoski), *Ob*: Rovaniemi (R. Tuomikoski). Chandler 2002 Ann. Soc. Entomol. France 38:125.
 - Sciara nursei* Freem. (*ulrichi* Menz. & Mohr.) *Oa*: Ilmajoki. Mukkala & al. 2005 w-album 2:7; Men-

- zel, Smith & Chandler 2006 Zool. J. Linn. Soc. 146:134.
- Trichosia glabra* (Meig.) *Tb*: Toivakka. Salmela & Vilkkamaa 2005 EF 16:291.
- Baeosciara sinuata* (Menz. & Mohr.) *N*: Helsinki (O. Ranin); *Ok*: Kuhmo & Sotkamo (A. Komonen). Vilkkamaa & Komonen 2001:47. Vilkkamaa 2003 EF 14:225.
- Leptosciarella helvetica* (Rudz.) *Tb*: Konnevesi. Salmela & Vilkkamaa 2005:291.
- Cratyna spiculosa* (Rudz.) *Tb*: Konnevesi. *ibid.*:290.
- **Peyerimhoffia infera* Vilkk. & Hippa *Ta*: Lammi (P. Vilkkamaa), *Om*: Nykarleby (W. Hackman). Vilkkamaa & Hippa 2005 Ins. Syst. Evol. 35:473.
- * – *thula* Vilkk. & Hippa *Li*: Utsjoki (J. Tuiskunen). *ibid.*:473.
- * – *menzeli* Vilkk. & Hippa *Le*: Kilpisjärvi (A. Suormala). *ibid.*:474.
- * – *sepei* Hippa & Vilkk. *Lk, Le, Li*. Hippa & Vilkkamaa 2005 Zootaxa 1044:51.
- Claustropyga corticis* (Mohr. & Ant.) *Ks*: Salla (E. Pulliainen). Hippa & al. 2003 Stud. Dipterol. 9:492.
- *heteroclausula* (Rudz.) *Ab, N, Ka, Ok, Ks*. *ibid.*:499.
- *subcorticis* (Mohr. & Kriv.) *Ks*: Iivaara (R. Tuomikoski). *ibid.*:507.
- Corynoptera fera* Mohr. & Hell. *Tb*: Toivakka. Salmela & Vilkkamaa 2005:290.
- *furcifera* Mohr. & Mam. *Tb*: Toivakka. *ibid.*:290.
- *saetistyla* Mohr. & Kriv. *Tb*: Toivakka & Konnevesi. *ibid.*:290.
- *subsedula* Mohr. & Mam. *Tb*: Rautalampi. *ibid.*:290.
- **Dichopygina aculeata* Vilkk. & al. *Ab, N, Ta, Kb, Ok, Ks, Le, Li*. Vilkkamaa, Hippa & Komarova 2004 Ins. Syst. Evol. 35:110.
- *intermedia* (Mohr. & Kriv.) *Ka*: Vehkalahti (J. Tuiskunen). *ibid.*:115.
- * – *ramosa* Vilkk. & al. *Ab, N, Ka, Ta, Sa, Om, Ok, Ks*. *ibid.*:119.
- Pseudolycoriella brunnea* (Buk. & Leng.) *Tb*: Toivakka. Salmela & Vilkkamaa 2005:291.
- *nodulosa* (Mohr. & Kriv.) *Tb*: Toivakka. *ibid.*:291.
- Lycoriella micria* Mohr. & Menz. *Tb*: Rautalampi. *ibid.*:291.
- *autostylia* Mohr. & Menz. *Oa*: Ilmajoki. Mukkala & al. 2005:7.
- *ingenua* (Duf.) (*solani* (Winn.), *brevipila* Tuomik.) Finland. Menzel & Mohrig 1999 Stud. Dipterol., Suppl. 6:393.
- **Ctenosciara exigua* Salm. & Vilkk. *Oa*: Kauhajoki, *Tb*: Toivakka. Salmela & Vilkkamaa 2005:297.
- Bradysia subbetuleti* Mohr. & Kriv. *Tb*: Konnevesi, Rautalampi. *ibid.*:290.
- *submoesta* Mohr. & Kriv. *Tb*: Toivakka. *ibid.*:290.
- *subscabricornis* Mohr. & Menz. *Tb*: Toivakka. *ibid.*:290.
- Scaptosciara neglecta* Menz. & Mohr. *Tb*: Toivakka, Konnevesi. *ibid.*:291.
- Epidosis modesta* (Spung.) *Ta*: Lammi (J. Jakovlev). Penttinen & Siitonen 2005 Sahlbergia 10:52.
- Monepidosis pectinata* Mam. *Tb*: Keuruu. *ibid.*:52.
- Pseudepidosis trifida* Mam. *Tb*: Toivakka. *ibid.*:53
- Paratetraneuromyia vernalis* Spung. *Tb*: Toivakka & Laukaa. *ibid.*:52
- Porricondyla lutescens* Spung. *Tb*: Rautalampi. *ibid.*:52.
- Contarinia vincetoxici* Kieff. *Al, Ab*. Widenfalk & al. 2002 Syst. Entomol. 27:520.
- Dasineura pustulans* (Rübs.) Finland. Huldén 2004 Sahlbergia 8:100.
- Ectaeia clavipes* (Loew) *Ab*: Vichtis (R. Frey). Krivosheina 2002 Entomol. Obozr. 81:735.
- Thripomorpha paludicola* End. *N*: Hangö, Helsinge. Krivosheina 2001 Zool. Zhurn. 80:549.
- Swammerdamella adercotris* Cook *Al*: Saltvik (R. Frey), *Ab*: Nystad (W. Hellén). *ibid.*:552.
- Sylvicola stackelbergi* Kriv. & Menz. *N*: Grankulla (P. Grotenfelt) & Helsingfors (T. Clayhills & L. Tiensuu), *Sr*: Tyrvää (P. Savolainen). Krivosheina & Menzel 2002 Entomol. Obozr. 81:426.
- Xylophagus matsumurae* Miyat. *Tb*: Saarijärvi, Konginkangas. Kahanpää & Winqvist 2005:13.
- Rhagio notatus* (Meig.) *N, Ta*. *ibid.*:13.
- Sargus flavipes* Meig. (*splendens* auct.). Finland. *ibid.*: 20.
- Tolmerus pyragra* Zell. *Sa*: Luumäki. *ibid.*:13.
- Villa modesta* (Meig.) *Al, Ab, N, Ta, Sa, Kl*. Kahanpää & Winqvist 2005:14.
- Microphor anomalus* (Meig.) *Al*: Mariehamn (R. Frey). *ibid.*:17.
- Platypalpus annulipes* (Meig.) *Ab*: Turku (K. Winqvist). Hildén & al. 2003b:77. Kahanpää & Winqvist 2004 Sahlbergia 8:92.
- *scandinavicus* Chvála *Oa*: Ilmajoki. Mukkala & al. 2005:7. Kahanpää & Winqvist 2005:17.
- *fuscicornis* (Zett.) *N*: Espoo. Kahanpää & Winqvist 2005:17.
- *albicornis* (Zett.) *Al, Ab*. Chvála 1975 Fauna Ent. Scand. 3:195. Accidentally omitted from check list in 1980 (Hackman 1980 NE 60).
- Hilara sturmii* Wied. *Ab, N, St*. Chvála 2005 Fauna Ent. Scand. 40:51.
- *eviana* Straka *Sb*. *ibid.*:73.
- *hyposeta* Straka *Ta, Sa, Kb*. Kahanpää & Winqvist 2005:15. Chvála 2005:75
- *hirta* Strobl *Ab, N, Sa, Lk*. Chvála 2002b Acta Univ. Carol. Biol. 46:244. Chvála 2005:113.
- *coracina* Old. *Al, Ab, N*. Chvála 2002a EF 13:75. Chvála 2005:139.
- *longifurca* Strobl *Ab, N, Ka, Sb, Om*. Kahanpää & Winqvist 2005:15 Chvála 2005:143.
- *campinosensis* Nies. *Al, Ab, St, Kb*. Kahanpää &

- Winqvist 2005:15. Chvála 2005:145.
- *implicata* Coll. *Al, Ab, N, St*. Kahanpää & Winqvist 2005:15. Chvála 2005:147.
 - * – *lapponica* Chvála *Li*: Inari, Utsjoki. Chvála 2002a EF 13:69. Chvála 2005:173.
 - * – *quadrifasciata* Chvála (*quadrivittata* auct.). *Al, Ab, N, Ta, Sa, Oa, Sb, Kb, Om, Ks*. Chvála 2002 Acta Univ. Carol., Biol. 46:257. Kahanpää & Winqvist 2005:23.
 - *woodiella* Chvála *Ab*: Åbo (R. Frey), *N*: Esbo (B. Poppius). Kahanpää & Winqvist 2005:16. Chvála 2005:179.
 - *biseta* Coll. *N*: Kyrkslätt (R. Frey), *Sb*: Maaninka (C. Lundström). Kahanpää & Winqvist 2005:15. Chvála 2005:191.
 - *albitarsis* Ros. *Ab, Ta, Sa*. Kahanpää & Winqvist 2005:15. Chvála 2005:218.
- Rhamphomyia cinerascens* (Meig.) *Sb*: Kuopio (C. Lundström). Kahanpää & Winqvist 2005:16.
- *laevipes* (Fall.) *Sa, Sb*. *ibid.*:16.
 - *aethiops* Zett. (*caudata* auct. nec (Zett.)) Finland. *ibid.*:16.
 - *pilifer* Meig. (*dentipes* Zett., *intermedia* Frey) Finland. *ibid.*:24.
 - *helleni* Frey *Lk*: Muonio (R. Frey). *ibid.*:16.
 - *trigemina* Old. *Ab*: Pargas (R. Frey). *ibid.*:16.
 - *galactoptera* Strobl *Sa*: Joutseno (E. Thuneberg). *ibid.*:16.
- Hemerodromia adulatoria* Coll. *Ks*: Kuusamo (R. Frey). *ibid.*:16.
- Rhaphium zetterstedti* Par. *Ab*: Pertteli (A. Haarto & V.-M. Mukkala). Haarto 2002b Sahlbergia 7:36.
- Syntormon denticulatum* (Zett.) *Ab*: Kiikala. Accidentally omitted from check list in 1980 (Hackman 1980 NE 60), cf. Frey 1915 Acta Soc. Fauna Flora Fenn. 40(5):41. Haarto 2002b:36.
- Dolichopus austriacus* Par. *N*: Pyhtää (V.-M. Mukkala). Haarto 2002b:36.
- Dolichophorus kerteszi* Lichtw. *Ta*: Hartola, Sysmä. Kahanpää & Winqvist 2004:92.
- Diplonevra concinna* (Meig.) *Sa*: Puumala. *ibid.*:93.
- Megaselia opacicornis* Schmitz *Li*: Utsjoki Kevo. Gross & al. 2004 Ecol. Entomol. 29:588.
- Spiniphora maculata* (Meig.) *Ta*: Hartola. Kahanpää & Winqvist 2004:93.
- Paraplatypeza bicincta* (Szil.) *N*: Helsinki (R. Tuomikoski), *St*: Yläne (J. Sahlberg). Chandler 2001 Fauna Ent. Scand. 36:234.
- Protoclythia modesta* (Zett.) *Al*. *ibid.*:234.
- Dasysyrphus friuliensis* v.d.Goot *N, Ks, Lk, Li*. Haarto & Kerppola 2004 Sahlbergia 9:150.
- Epistrophe annulitarsis* (Stack.) *Tb*: Pihtipudas. Piirainen 2001 Diamina 10:1.
- *diaphana* (Zett.) *N*: Helsinki (T. Järveläinen). Haarto & Kerppola 2004:150.
- Leucozona inopinata* Docz. *Ab, N, Ka, St, Ta, Sa, Kl, Oa, Sb, Om*. *ibid.*:150.
- Eupeodes curtus* (Hine) *Li*: Inari (J. Kahanpää). *ibid.*:150.
- Parasyrphus groenlandicus* (Niels.) *Le*: Kilpisjärvi. Haarto 2002a Sahlbergia 7:29; Haarto 2002b:36.
- *proximus* Mut. *N*: Helsinki (S. Kerppola). Haarto & Kerppola 2004:150.
 - *punctulatus* (Verr.) *Al, Ab, N, Ka, Ta*. *ibid.*:150.
- Sphaerophoria abbreviata* Zett. *Ab, Ta, Ok, Ks, Lk, Li*. *ibid.*:151.
- Syrphus rectus* O-Sack. *N*: Helsinki (E. Räsänen & Hölltä). *ibid.*:151.
- Chrysotoxum octomaculatum* Curt. *Ab, Kl*. *ibid.*:150.
- Platycheirus europaeus* Goeldl., Maib. & Sp. *Ab, N, Ta, Sa, Oa, Sb, Kb, Ok, Ks, Lk, Le, Li*. *ibid.*:149.
- *laskai* Niels. *Ab, N, Sa, Oa, Ok*. *ibid.*:149.
 - *lundbecki* (Coll.) *Le*: Kilpisjärvi (W. Hellén). *ibid.*:149.
 - *parmatus* Rond. *Ks*: Oulanka (G. Ståhls), *Lk*: Savukoski (A. Haarto). *ibid.*:149.
 - *perpallidus* Verr. *N, Ob, Lk, Le, Li*. *ibid.*:149.
 - *ramsarensis* Goeldl., Maib. & Sp. *Le*: Enontekiö. Haarto 2002a:30; Haarto 2002b:35.
 - *splendidus* Roth. *Al*: Finström (R. Frey). Haarto & Kerppola 2004:149.
 - *subordinatus* Beck. *Le*: Enontekiö. Haarto 2002a:30; Haarto 2002b:35
 - *tarsalis* (Schumm.) *Al*: Eckerö (E. & L. Laasonen), *Ks*: Oulanka (G. Ståhls). Haarto & Kerppola 2004:149.
 - *varipes* Curr. *Lk*: Muonio (J.A. Palmén), *Li*: Utsjoki (E. & L. Laasonen). *ibid.*:149.
- Pipiza festiva* Meig. *N*: Helsinki (S. Kerppola). *ibid.*:153.
- Pipizella certa* Viol. *N, Ka, Ta*. *ibid.*:153.
- Trichopsomyia joratensis* Goeldl. *Ta*: Längelmäki (K. Mattila). Haarto & Kerppola 2004:153. Piirainen & Mattila 2005 Diamina 14:2.
- Triglyphus primus* Loew *Ab*: Turku (A. Haarto), *N*: Helsinki (S. Kerppola). Haarto & Kerppola 2004:153.
- Cheilosia alba* Vuj. & Cl. *Ab* Suomusjärvi (J. Kahanpää), *Ta*: Somero (A. Haarto). *ibid.*:151.
- *impressa* Loew *Ab, N, St, Ta, Sa, Tb, Sb*. *ibid.*:151.
- * – *ingerae* Niels. & Cl. *Lk*: Kittilä. Nielsen & Clausen 2001 Dipteron 4:43. Haarto & Kerppola 2004:151.
 - *lasiopa* Kow. Finland. *ibid.*:160.
 - *morio* (Zett.) *Ab, N, Ta, Ok*. *ibid.*:151.
 - *psilophthalma* Beck. *Ab, N, Ta*. *ibid.*:151.
 - *urbana* Meig. *Ab, N, St, Ta, Sa, Om, Ob*. *ibid.*:151.
- Brachyopa obscura* Thomp. & Torp *N*: Helsinki, Vantaa. *ibid.*:151.
- Chrysogaster virescens* Loew *N*: Helsinki (S. Kerppola). *ibid.*:152.
- Chrysosyrphus nasutus* (Zett.) *Ks, Lk, Le, Li*. *ibid.*:152.

- Orthonevra plumbago* (Loew) *N*: Helsingfors (W. Nylander), *Sb*: Kuopio (C. Lundström). *ibid*:152.
 – *stackelbergi* Thomp. & Torp *Ab, N, St, Ta, Ob, Ks*. *ibid*:152.
- Neoscia obliqua* Coe *Ab*: Kaarina, *N*: Inkoo. *ibid*:152.
- Sericomyia jakutica* (Stack.) *Li*: Utsjoki (R. Frey & W. Hellén). *ibid*:153.
- Eristalis alpina* (Panz.) Finland. Hippa, Nielsen & Steenis 2001 *Norw. J. Entomol.* 48:294.
 – *pseudorupium* Kan. (sp. dist.) *Ta, Li*. *ibid*:308.
- Helophilus bottnicus* Wahlb. *Ok*: Ruhtinansalmi (O. Sorsakoski). Haarto & Kerppola 2004:152.
- Temnostoma angustistriatum* Kriv. (*bombylans* auct.). *N, Ka, St, Ta, Tb, Sb*. Krivosheina & Ståhls 2004 *Sahlbergia* 8:97.
 – *carens* Gaun. (sp. dist.) *Ok*: Ruhtinansalmi (O. Sorsakoski). Krivosheina 2003 *Zool. Zhurn.* 82:1480. Haarto & Kerppola 2004:153.
 – *sericomylaeforme* (Port.) (sp. dist.) *N*: Esbo (Pipping), *Sa*: [Joutseno] Rajala (Redikotzev). Krivosheina & Bagachanova 2004 *Zool. Zhurn.* 83:75.
- Xylota jakutorum* Bagatsch. Finland. Haarto 2002b:35. Bartsch, Nielsen & Speight 2002 *Volucella* 6:77.
- Eudorylas coloratus* (Beck.) (*fascipes* auct. nec (Zett.)). Finland. Kehlmaier 2005 *Verh. Naturwiss. Ver. Hamburg* 41:221.
 – *goennersdorfensis* Dempew. & Dunk *Ta*: Lammi (F. Mihályi). *ibid*:246.
- Pipunculus zugmayeriae* Kow. *Ab*: Turku. Kahanpää & Winqvist 2004:93.
- Thecophora pusilla* (Meig.) *N*: Helsinki. *ibid*:93.
- Sepsis luteipes* Mel. & Spul. (sp. dist.) *Ab – Lk*. Pont & Meier 2002 *Fauna Ent. Scand.* 37:169.
- Palloptera venusta* Loew *Kb*: Ilomantsi. Polevoi 2001b:202.
 – *marginata* (Meig.) *Ta*: Somero (T. Mutanen). Haarto 2002b:36.
- **Lonchaea fraxina* McGow. & Roth. *Al*: Saltvik (R. Frey). MacGowan & Rotheray 2000 *Dipter. Dig.* 7:38.
 * – *caledonica* McGow. & Roth. (*laticornis* auct. nec Meig.) Finland. *ibid*:40.
 **Agromyza quadriseta* Zlob. *N*: Helsingfors (R. Frey). Zlobin 2001 *Dipterol. Res.* 13:92.
- Phytomyza pubicornis* Hend. *Ab*: Turku. Kahanpää & Winqvist 2004:93.
- Amiota rufescens* (Oldenb.) *Ob*: Oulu. Baechli & al. 2004 *Fauna Ent. Scand.* 39:50.
- **Drosophila vireni* Bch., Vil. & Har. *Ks*: Kuusamo Oulanka (S. Lakovaara). Bächli & al. 2002 *Mitt. Schweiz. Ent. Ges.* 75:312.
- Hirtodrosophila confusa* (Staeg.) *N*: Helsinki. Baechli & al. 2004:248.
 – *oldenbergi* Duda *Sa*: Puumala. Kahanpää & Winqvist 2004:94.
- Microdrosophila congesta* (Zett.) *Al, N*. Baechli & al. 2004:270, 347.
- Scaptomyza montana* Wheel. *Al, Ab, N, Ka, Ta, Ob, Ks, Li*. *ibid*:309, 347.
- Elachiptera diastema* Coll. *Ab, N, Ka*. *ibid*:94.
- Dicraeus vagans* (Meig.) *Ab*: Turku. *ibid*:93.
- **Pullimosina vulgesta* Roh. (*moesta* auct. nec (Vilén.)). Rohaček 2000 *Bull. Soc. Entomol. France* 105:474.
- Clusiodes microcerca* Stack. *Kb*: Ilomantsi. Polevoi 2001b:202.
- **Trimerina indistincta* Kriv. *Ab*: Lojo (W. Hellén), *N*: Grankulla (R. Frey), *Ta*: Orivesi (L. Tiensuu). Krivosheina 2004 *Zool. Zhurn.* 83:631.
- Notiphila major* Stenh. *Lk*: Sodankylä. Kahanpää & Winqvist 2004:94.
- Ditrichophora pulchella* (Meig.) *Ab*: Turku. Winqvist 2002 *Sahlbergia* 7:37.
- Parydra arctica* Claus. *Oa*: Solf (Håk. Lindberg), *Li*: Utsjoki (R. Frey). Krivosheina 2000 *Dipterol. Res.* 11:173.
- Coenia curvicauda* (Meig.) *Ab*: Turku. Winqvist 2002:36.
- Calocoenia paurosoma* (Sturt. & Wh.) *Le*: Kilpisjärvi (R. Storå). Krivosheina 2000:172.
- Chlorops kirigaminensis* Kanm. (*zonulatus* auct.) *Al, Ab, N, Ta, Sa, Kl, Sb, Ks*. Nartshuk 2002 *Dipterol. Res.* 13:17.
- Cosmetopus longus* (Walk.) (*bergrothi* Beck.) (sp. dist.) Finland. Gorodkov 1986 *Catal. Pal. Dipt.* 11:23.
- Coniosternum lapponicum* Ringd. Finland. Šifner 2003 *Acta Mus. Natn. Prag., Ser. B* 59:78.
- Fannia lucidula* (Zett.) (= *F. glaucescens* auct.) (sp. dist.). Pont 2002 *Ins. Syst. Evol.* 33:107.
- Coenosia means* Meig. *Ob, Lk, Li*. Kahanpää & Winqvist 2004:94.
 – *lineatipes* (Zett.) *Oa*: Ilmajoki. Mukkala & al. 2005:7.
- Alliopsis* [*Paraprosalpia*] *denticauda* Zett. Finland. Tiensuu 1933 *Notulae Entomol.* 13:79 (accidentally omitted from check list in 1980).
- Alliopsis conifrons* (Zett.) *Ob, Ks, Lk, Le, Li*. Kahanpää & Winqvist 2004:94.
- Nemorilla maculosa* (Meig.) *Al*: Kökar (J. Itämies). Haarto 2002b:35.
- Ramonda prunaria* (Rond.) *Ta*: Somero (A. Haarto & V.-M. Mukkala). *ibid*:35.

Present number: 5,349 – 103 + 305 = 5,551 spp.

Hymenoptera

Koponen, M., Jussila, R. & Vikberg, V. 2003. Suomen loispistiäisluettelo (Hymenoptera, Parasitica). Osa 5, heimo Ichneumonidae, alaheimot Tersilonchinae, Ophioninae, Paxylommatinae, Cremastinae ja Campopleginae. — *Sahlbergia* 8:27–48.

- Söderman, G. & Leinonen, R. 2003. Suomen mesipistiäiset ja niiden uhanalaisuus. — Tremex Press, Helsinki, 420 pp.
- Söderman, G. & Vikberg, V. 2003. Suomen myrkkypistiäisten luettelo ja levinneisyys (Hymenoptera, Apocrita, Aculeata). — *Sahlbergia* 7:41–66.
- Yu, D.S., van Achterberg, K. & Horstmann, K. 2005. World Ichneumonoidea 2004. Taxonomy, Biology, Morphology and Distribution. CD/DVD. Taxapad, Vancouver, Canada. [with species numbers]
- Deletions
- Aprosthemina bifidum* (Klug) (= *A. melanurum* (Klug)) Zhelochovtsev & Zinovjev 1995 Entomol. Obozr. 74:401.
- Eupontania lapponica* (Mal.) (= *E. crassipes* (Thoms.)). Vikberg 2003 EF 14:135.
- Phytodietus crassitarsis* Thoms. (= *P. arcuatorius* (Thunb.)). Yu & al. 2005:63845.
- *segmentator* Grav. (= *P. polyzonias* (Forst.)). *ibid.*:63903.
- Polyblastus affinis* Woldst. (= *P. varitarsus* (Grav.)). *ibid.*:64522.
- Exenterus claripennis* Thoms. (= *E. amictorius* (Panz.)). *ibid.*:63013.
- Charitopes brunneus* (Morl.) (= *C. areolaris* (Thoms.)). *ibid.*:39383.
- Sulcarius hellbachi* (Schmied.) (= *S. biannulatus* (Grav.)). *ibid.*:41999.
- Phygadeuon oppositus* Thoms. (= *P. subtilis* Grav.). *ibid.*:41690.
- Cubocephalus erythrinus* (Grav.) (= *C. sperator* (Müll.)). Sawoniewicz 2003 Entomofauna 24:214.
- Baeosemus vulpecula* Holmgr. (= *B. mitigiosus* (Grav.)). Yu & al. 2005:45405.
- Trachyarus specularis* Rom. (= *T. fuscipes* Thoms.). *ibid.*:46029.
- Cratichneumon fabricator* (F.) (= *C. culex* (Müll.)). *ibid.*:48386.
- Ichneumon latrator* F. (f.d., = *I. oblongus* Schrank). Horstmann 2001 Beitr. Entomol. 51:40.
- *versutus* Holmgr. (= *I. vulneratorius* Zett.). Yu & al. 2005:51100.
- Plectiscus flavicornis* (Thoms.) (= *P. agilis* (Holmgr.)). *ibid.*:58286.
- Plectiscidea humilis* (Först.) (= *Proclitus zonatus* (Grav.)). *ibid.*:58376.
- Proclitus absconditus* Först. (= *P. zonatus* (Grav.)). *ibid.*:58372.
- Helictes pumilio* (Först.) (= *Megastylus orbitator* Schte) *ibid.*:57972.
- *rufipleuris* (Först.) (= *Megastylus orbitator* Schte) *ibid.*:57974.
- Tromatobia oculatoria* (F.) (f.d., = *T. lineatoria* (Vill.)). Horstmann 2001:42.
- Schizopyga varipes* Holmgr. (= *S. podagrica* Grav.). Yu & al. 2005:59996.
- Pimpla padellae* Torka (= *P. turionellae* (L.)). *ibid.*:61171.
- Ctenopelma luteum* Holmgr. (= *C. tomentosum* (Desv.)). *ibid.*:42383.
- *xanthostigma* Holmgr. (= *C. tomentosum* (Desv.)). *ibid.*:48384.
- Himerta varicornis* (Grav.) (= *H. defectiva* (Grav.)). *ibid.*:43280.
- Camporodorus humerellus* (Thoms.) (= *C. scapularis* (Steph.)). *ibid.*:43227.
- Mesoleius stenocerus* (Thoms.) (= *M. hyperboreus* Holmgr.). Kasparyan 2001 Ent. Obozr. 80:713.
- *furax* Holmgr. (= *M. opticus* (Grav.)). *ibid.*:707,710.
- *sinuatus* Thoms. (= *M. intermedius* (Grav.)). Yu & al. 2005:43504.
- Mesoleptidea amoena* (Holmgr.) (= *M. cingulata* (Grav.)). *ibid.*:42723.
- Dimophora nitens* (Grav.) (*robusta* Brischke) Recorded outside Finland. Koponen & al. 2003:31.
- Cremastus geminus* Grav. Recorded outside Finland. *ibid.*:31.
- Aneuclis affinis* Hellén (= *Tersilochus filicornis* (Thoms.)). *ibid.*:33.
- *incidens* (Thoms.) Recorded outside Finland. *ibid.*:31.
- Campoletis vexans* (Holmgr.) (= *C. viennensis* (Grav.)). *ibid.*:40.
- Dusona annexa* (Först.) (f.d., = *D. leptogaster* (Holmgr.)). *ibid.*:38.
- *oxyacanthae* (Boie) Recorded outside Finland. *ibid.*:31.
- Astiphromma plagiatum* (Thoms.) (= *A. splenium* (Curt.)). Yu & al. 2005:53974.
- *strenuum* (Holmgr.) (= *A. splenium* (Curt.)). *ibid.*:53972.
- Agrypon brachycerum* Hellén (= *A. anxium* (Wesm.)). Koponen & al. 2003:35.
- *delarvatum* (Grav.) Recorded outside Finland. *ibid.*:31.
- Dendrosoter flaviventris* Först. (= *D. hartigii* (Ratz.)). Belokobylskij & al. 2003 Beitr. Entomol. 53:376.
- Oncophanes caudalis* Hellén (= *Ontsira antica* (Woll.)). Yu & al. 2005:12797.
- Rhysipolis varicoxa* (Thoms.) (= *R. meditator* (Hal.)). *ibid.*:23173.
- Opius hilaris* Fisch. (= *O. posticatae* Fisch.). Belokobylskij & al. 2003:396.
- *seebensteinensis* Fisch. (= *O. posticatae* Fisch.). *ibid.*:396.
- *minor* Fisch. (= *O. gracilis* Fisch.). *ibid.*:394.
- *basirufus* Fisch. (= *O. similis* Szépl.). *ibid.*:396.
- *altimontanus* Fisch. (= *O. similis* Szépl.). *ibid.*:396.
- *piceus* Thoms. (= *O. pallipes* Wesm.). *ibid.*:395.

- *meracus* Fisch. (= *O. pygmaeator* (Nees)).
ibid.:395.
- *funebri* Wesm. (= *O. pygmaeator* (Nees)).
ibid.:395.
- *latipes* Fisch. (= *O. pendulus* Hal.). ibid.:395.
- *reconditor* Wesm. (f.d., = *O. recondens* (Acht.).
van Achterberg 2004 Zool. Meded. Leiden
78:334.
- Alysia curtungula* Thoms. (= *A. manducator* (Panz.)).
Yu & al. 2005:1691.
- Coelinus anceps* (Curt.) (= *C. parvulus* (Nees)). Be-
lokobylyskij & al. 2003:360.
- *circulator* (Grav.) (= *C. parvulus* (Nees)).
ibid.:360.
- Chelonus catulus* Marsh. (= *Ascogaster varipes*
Wesm.). Yu & al. 2005:10902.
- *rimulosus* Thoms. (= *C. sulcatus* Jur.).
ibid.:11806.
- Microgaster acilius* Nixon (= *M. meridianus* Hal.).
ibid.:19791.
- Trioxys hincksi* Mack. (= *T. betulae* Marsh.).
ibid.:4880.
- Adialytus arvicola* Stary (= *A. ambiguus* (Hal.)). Be-
lokobylyskij & al. 2003:364.
- Taphaeus filator* (Nees) (= *Diospilus capito* (Nees)).
Yu & al. 2005:16297.
- Perilitus secalis* (Hal.) (= *P. cerealium* (Hal.)).
ibid.:15629.
- Eubazus opacus* Reinh. (= *Foersteria puber* (Hal.)).
Belokobylyskij & al. 2003:368.
- Bassus cingulator* (Ratz.) (= *B. dimidiator* Nees).
ibid.:355.
- Copidosoma auricollis* (Thoms.) (= *C. agrotis*
(Fonsc.)). Guerreri & Noyes 2005 Syst. Ent.
30:111.
- Laelius femoralis* (Först.) (f.d., = *L. borealis* Vikb.).
Vikberg & Koponen 2005 EF 16:32.
- Myrmica microrubra* Seif. (= *M. rubra* (L.)). Savolai-
nen & Vepsäläinen 2003 Proc.Nat.Acad.Sci.
100:7172.
- Lasius alienus* (Först.) (f.d., = *L. psammophilus*
Seif.). Söderman & Vikberg 2003:60.
- Arachnospila nivalabnormis* (Wolf) (f.d., = *A. spissa*
(Schte.)). ibid.:61.
- Osmia ventralis* (Panz.) (= *O. leaiana* (Kby.)).
ibid.:62. Söderman & Leinonen 2003:212.
- Additions
- **Pamphilius kontunemii* Shinoh. *Ab, N, Ka, Ta, Sa,*
Kl, Tb, Sb, Kb, Om, Ok, Ob, Ks, Lk, Li. Shinohara
2003 Ins. Syst. Evol. 34:463.
- Dolerus brevicornis* Zadd. (sp. dist.). Finland (north
to *Li*). Heidema, Nuorteva, Hantula & Saarma
2004 Eur. Journ. Ent. 101:647.
- Sterictiphora sorbi* Kontun. (sp. dist.). *N, Tb, Sb, Ks.*
Nuorteva & Nuorteva 2003 EF 14:173.
- **Euura boreoalpina* Kop. *Le:* Kilpisjärvi. Kopelke
2001 Senckenb. Biol. 81:197.
- *hastatae* Mal. (sp. dist.) *Le:* Kilpisjärvi. ibid. 213.
- *lappo* Mal. (sp. dist.) *Le:* Kilpisjärvi. ibid. 216.
- * – *phylicifoliae* Kop. *Le:* Kilpisjärvi. ibid. 220.
- Eupontania crassipes* (Thoms.) (sp. dist.). *Lk, Le.*
Vikberg 2003 EF 14:135.
- *myrsiniticola* (Kop.) *Le:* Kilpisjärvi. ibid.:157.
- Pontania triandrae* Bens. (sp. dist.). Kopelke 2005
Senckenberg. Biol. 85:92.
- Thymaris collaris* Thoms. (sp. dist.). Yu & al.
2005:63352.
- Ctenochira breviseta* (Ratz.) “Finland (Coll. Jussi-
la)”. Horstmann 2002 Mitt. Münch. Ent. Ges.
92:83.
- Xorides praecatorius* (F.) *Ab:* Nauvo (I. Sääksjärvi).
Jussila & al. 2003 Sahlbergia 8:22.
- Helcostizus maculatus* (Woldst.) (sp. dist.) *Ob:* Kolari
(J. Siitonen). Sawoniewicz 2003 Entomofauna
24:219.
- Atractodes alpestris* Rom. *Sa:* Mikkeli (M. Kopo-
nen). Jussila 2001 EF 12:193.
- *tenuipes* Thoms. *Ab, N, Ka, St, Kb, Om, Ks.*
ibid.:198.
- *remotus* Juss. (sp. dist.) *Ob:* *Ii, Lk:* Kolari.
ibid.:200.
- Pleolophus cursitans* Kriechb. *Kb:* Ilomantsi. Huma-
la 2001 Metsähall. luonnonsuoj.julk. A 131:206.
- Aoplus biannulatus* (Thunb.) (*pulchricornis*
(Grav.)) *Kb:* Ilomantsi. ibid.:210.
- Ichneumon erythromerus* Wesm. (*corfitzi* Thoms.)
(sp. dist.). Horstmann 2003 Mitt. Münch. Ent.
Ges. 93:26.
- *oblongus* Schrank (*latrator* auct. nec F.). Horst-
mann 2001 Beitr. Entomol. 51:40.
- **Cylloceria tenuicornis* Hum. *Ab:* Karislojo (W. Hel-
lén), *Ta:* Tavastehus (J. Sahlberg), *Li:* Ivalo. Hu-
mala 2002 Entomol. Obozr. 81:380.
- Aniseres caudatus* Hum. *Kb:* Ilomantsi. Humala
2001:209.
- **Allomacrus subtilis* Hum. *Kb:* [Ilomantsi], Pieni
Kotavaara (M. Tietäväinen). Humala 2002:381.
- Orthocentrus radialis* Thoms. *Kb:* Ilomantsi. Humala
2001:209.
- Gnathochoris crassulus* (Thoms.) (sp. dist.). Yu &
al. 2005:57870.
- *xanthocephala* (Strobl) Finland. Humala 2003
Finn. Environm. 485:196.
- Eusterinx inaequalis* Ross. *Kb:* Ilomantsi. Humala
2001:208; Humala 2004 Trudy Russ. Ent.
Obshch. 75:67.
- *circaea* Ross. Finland. Humala 2004:67.
- *trifasciata* (Ashm.) Finland. ibid.:68.
- *aquilonigena* Ross. Finland. ibid.:68.
- *minima* (Strobl) Finland. ibid.:69.
- *refractaria* Ross. Finland. ibid.:70.
- Plectiscidea fuscifemur* Hum. Finland. Humala
2003:196.

- *koponeni* Hum. Finland. *ibid.*:196.
- *helleni* Hum. Finland. *ibid.*:196.
- Hemiphanes performidatum* Ross. Finland. *ibid.*:196.
- Helictes carinatus* Hum. Finland. *ibid.*:196.
- Megastylus orbitator* Schte. (*pumilio* (Först.), *rufi-pleuris* (Först.)). Yu & al. 2005:57948.
- Proeliator proprius* Ross. Finland. Humala 2003:196.
- Delomerista strandi* Ulbr. *Kb*: Ilomantsi. Humala 2001:205.
- Scambus signatus* (Pfeff.) *Al, Ab, St, Oa, Om*. Jussila & al. 2003 *Sahlbergia* 8:21.
- *tenthredinum* (Gze.) *Ab*: Pyhäjärvi (V. Vikberg). Horstmann 2005 *Entomofauna* 26:108.
- Polysphincta nielseni* Rom. *Oa*: Kristinestad. Fritzen 2005 *Memoranda Soc. Fauna Flora Fenn.* 81:49.
- Tromatobia lineatoria* (Vill.) (*oculatoria* auct. nec (F.)). Horstmann 2001:42.
- Ctenopelma tomentosum* (Desv.) (*luteum* Holmgr., *xanthostigma* Holmgr.). Yu & al. 2005:12382.
- Lethades cingulatur* Hinz *Ab*: Sauvo. Jussila 2001 *EF* 12:119.
- *curvispina* (Thoms.) *Ab, Ta, Oa, Ks, Li*. *ibid.*:119.
- *laricis* Hinz *Li*: Utsjoki (S. Koponen & E. Linna-luoto). Jussila & al. 2003:22.
- Trematopygus helleni* Hinz *Lk*: Kolari, *Li*: Utsjoki. Jussila 2001:119.
- *rufator* Hinz *Li*: Utsjoki. *ibid.*:120.
- **Campodorus nigriventris* Kasp. *Le*: Kilpisjärvi (R. Hinz). Kasparyan 2005 *Ent. Obozr.* 84:189.
- Rhorus chrysopygus* (Rom.) *Li*: Utsjoki. Jussila 2001:120.
- Cremastus pungens* Grav. *Ab, N, Ka, St, Tb*. Koponen & al. 2003:28.
- Diaparsis frontella* (Holmgr.) Finland. *ibid.*:32.
- *rarus* (Horstm.) Finland. *ibid.*:32.
- Aneuclis maritima* (Thoms.) *Ab*: Vihti (V. Karvonen). *ibid.*:27.
- Epistathmus crassicornis* Horstm. Finland. *ibid.*:32.
- Barycnemis angustipennis* (Holmgr.) (sp. dist.) Finland. *ibid.*:32.
- *filicornis* (Thoms.) *Ab, N, Ka, Ta, Sa, Kb, Tb, Om, Ok, Ob, Ks*. *ibid.*:27.
- *punctifrons* Horstm. *Ab*: Turku (R. Jussila). *ibid.*:28.
- Probles longicaudator* Aub. Finland. *ibid.*:33.
- Tersilochus spiracularis* Horstm. Finland. *ibid.*:33.
- Sinophorus juniperinus* (Holmgr.) (sp. dist.) Finland. *ibid.*:36.
- Campoplex scaposus* (Thoms.) *Ab, N, Oa*. *ibid.*:28.
- Nemeritis aequalis* Horstm. *Ab*: Houtskär (H. Bruun). *ibid.*:29.
- *breviventris* Horstm. *Ab*: Tenhola (R. Jussila). *ibid.*:29.
- Bathyplectes balteatus* (Thoms.) *Ab, N, Oa*. *ibid.*:29.
- *immolator* (Grav.) *Ab*: Turku, *Ks*: Oulanka. *ibid.*:29.
- Campoletis cognata* (Tschek) Finland. *ibid.*:39.
- Dusona contumax* (Först.) *Ab, N, Ka, Tb, Sb, Om, Li*. *ibid.*:28.
- *incompleta* (Bridgm.) *Al, Ab, N*. *ibid.*:29.
- *subimpressa* (Först.) *N*: Helsinki (J. Perkiömäki). *ibid.*:29.
- Phobocampe alticollis* (Thoms.) Finland. *ibid.*:40.
- *crassiuscula* (Grav.) *Ab, N*. *ibid.*:29.
- *flavicincta* (Thoms.) *Ab, Ka, Li*. *ibid.*:29.
- *luctuosa* Schmied. *Ab, N, Ka*. *ibid.*:29.
- Tranosema nigridentis* (Thoms.) *Ab, Ta*. *ibid.*:29.
- Diadegma aculeatum* (Bridgm.) *N*: Sibbo (A. Albrecht). *ibid.*:29.
- *albotibiale* Horstm. Finland. *ibid.*:40.
- *anurum* (Thoms.) *Ka, Om, Ok*. *ibid.*:29.
- *consumptor* (Grav.) *Ab, N, Ka, St, Ta, Sa, Oa, Om, Le, Li*. *ibid.*:29.
- *contractum* (Brischke) *N*: Helsinki (V. Karvonen). *ibid.*:29.
- *crassiseta* (Thoms.) *Ab*: Korppoo (R. Jussila). *ibid.*:29.
- *elishae* (Bridgm.) *Li*: Utsjoki (R. Jussila). *ibid.*:29.
- *elongatum* (Thoms.) *Ab, N, Le*. *ibid.*:29.
- !– *exareolator* Aub. *Kb*: Ilomantsi. Humala 2001:208.
- *gibbulum* (Brischke) *Ab, N, Ka*. Koponen & al. 2003:29.
- *holopygum* (Thoms.) *Al, N, St, Sa*. *ibid.*:30.
- *maculatum* (Grav.) *Ab, N, Ka*. *ibid.*:30.
- *melanium* (Thoms.) *Al, Ab, N, Ka*. *ibid.*:30.
- *pulicator* Aub. *Ab*: Turku (R. Jussila). *ibid.*:30.
- *rufatum* (Bridgm.) *Ab, N, Li*. *ibid.*:30.
- *speculare* (Thoms.) *Ab*: Mietoinen, Sauvo. *ibid.*:30.
- *stigmatellae* Horstm. *Ab, Ka, Oa*. *ibid.*:30.
- *trochanteratum* (Thoms.) (sp. dist.) Finland. *ibid.*:41.
- Hyposoter albonotatus* (Bridgm.) *Ab, N, St, Oa, Om*. *ibid.*:30.
- *coxator* (Thoms.) *N, Sa*. *ibid.*:30.
- *discedens* (Schmied.) *Ab, Sa, Oa, Ob, Li*. *ibid.*:30.
- *fitchii* (Bridgm.) *Ab, N*. *ibid.*:30.
- *longulus* (Thoms.) *Ab, N, Ka, Ta, Sa*. *ibid.*:30.
- *pectinatus* (Thoms.) Finland. *ibid.*:41.
- *virginalis* (Grav.) *N*: Tammisaari (V. Karvonen). *ibid.*:30.
- *vividus* (Holmgr.) *Al, Ab, N, Ka, Om*. *ibid.*:30.
- Echthronomas facialis* (Thoms.) *Ab, N*. *ibid.*:31.
- Olesicampe cavigena* (Thoms.) *Ab, N, Oa, Ks*. *ibid.*:30.
- *nigricoxa* (Thoms.) *Ab, N, Tb*. *ibid.*:31.
- *praeoccupator* (Aub.) *Le*: Kilpisjärvi (V. Karvonen). *ibid.*:31.
- *vitripennis* (Holmgr.) *Ab, Ob, Ks, Li*. *ibid.*:31.
- Lathrostizus flexicauda* (Holmgr.) *Le*: Kilpisjärvi. Kopelke 1999 *Cour. Forsch. inst. Senckenb.* 212:37, 49.

- *forticauda* (Thoms.) *Le*: Kilpisjärvi. *ibid.*:54.
Eriborus perfidus (Grav.) (*aberrans* (Grav.)). Finland. Koponen & al. 2003:43.
 – *terebrans* (Grav.) *Ab*: Vihti (V. Karvonen). *ibid.*:31.
Ophion costatus Ratz. *N, Ka*. *ibid.*:28.
 – *crassicornis* Brock *Ab, N, Ka, Ta*. *ibid.*:28.
 – *forticornis* Morl. *Ab, N, Ka*. *ibid.*:28.
 – *perkinsi* Brock *Ab, N, Ka, Sa*. *ibid.*:28.
Enicospilus merdarius (Grav.) (sp. dist.) Finland. *ibid.*:34.
 **Astiphromma peltolatum* Schwenke *Ab*: “Turkku, Peltola” (V.-M. Mukkala). Schwenke 2004 Entomofauna 25:83.
 – *simplex* (Thoms.) (sp. dist.). Yu & al. 2005:53969.
 – *splenium* (Curt.) (*plagiatum* (Thoms.), *strenuum* (Holmgr.)). *ibid.*:53970.
 **Mesochorus oshobotrianus* Schwenke *Ob*: “Oshobotria bor.” (K. Müller). Schwenke 2002 Entomofauna 23:88.
Exochus nigripalpis Thoms. Yu & al. 2005:55344.
 – *incidens* Thoms. (sp. dist.). *ibid.*:55286.
 – *septentrionalis* Holmgr. (sp. dist.). *ibid.*:55417.
Agyron anomelas (Grav.) Finland. Koponen & al. 2003:35.
 – *batis* (Ratz.) (*stenostigma* (Thoms.)) (sp. dist.) Finland. *ibid.*:35.
 – *canaliculatum* (Ratz.) *Ta*: Urjala (T. Brander). *ibid.*:28.
 ! – *hilaris* (Tosq.) *Kb*: Ilomantsi. Humala 2001:208.
 – *rugifer* (Thoms.) *Al*: Finström, *Kb*: Ilomantsi. Koponen & al. 2003:28. Humala 2001:208.
Meteorus corax Marsh. *Sa*: Juva, Ristiina. Martikainen & Koponen 2001 EF 12:170.
 **Peristenus varisae* Acht. *N*: Helsinki, Viikki (A.-L. Varis). Varis & van Achterberg 2001 Zool. Meded. 75:375.
Diospilus oleraceus Hal. (sp. dist.). Belokobylskij & al. 2003 Beitr. Entomol. 53:384.
Basus arcuatus (Reinh.) (sp. dist.). *ibid.*:355.
Microchelonus erosus (Herr.-Sch.) (sp. dist.) *ibid.*:375.
Chelonus humilis Thoms. (sp. dist.). Yu & al. 2005:11031.
 **Opius (Odontopoea) epulatiformis* Fisch. *N*: Sibbo (A. Albrecht). Fischer 2001 Linz. Biol. Beitr. 33:10.
Opius (Utetes) posticatae Fisch. (*hilaris* Fisch., *seebensteinensis* Fisch.). Belokobylskij & al. 2003:396.
 **Opius (Phaedrotoma) recondens* (Acht.) (*reconditor* auct. nec Wesm.). Finland. van Achterberg 2004 Zool. Meded. Leiden 78:344.
 **Phaenocarpa unguulosetosa* Acht. & Kop. *Al, N, St, Ta, Sa, Om, Ok*. van Achterberg & Koponen 2003 Zool. Meded. 77:293.
 – *angustiptera* Papp *Al, Ab, N, Ta, Sa, Kl, Ob, Ks, Lk*. Koponen & Vikberg 2005 EF 16:58.
 * – *hirsuta* Kop. & Vikb. *Om*: Kalajoki (M. Koponen). *ibid.*:52.
 – *picinervis* (Hal.) *Al, Ab, N, Ka, St, Ta, Sa, Kl, Tb, Kb, Om*. *ibid.*:56.
Coelinius parvulus (Nees) (*anceps* (Curt.)), *circulator* (Grav.)). Belokobylskij & al. 2003:360.
Colastes incertus (Wesm.) (sp. dist.). *ibid.*:383.
Aleiodes linearis Hellén (sp. dist.). *ibid.*:398.
Bracon claripennis Thoms. Finland. Papp 2000 Ann. hist.-nat. Mus. Natn. Hungar. 92:242.
 – *pallicarpus* Thoms. (sp. dist.) Finland. *ibid.*:256.
Neuroterus numismalis (Geoffr.) *Ab, N*. Roslin, Silfverberg & Huldén 2004 Sahlbergia 8:100.
Copidosoma serricorne (Dalm.) Finland. Guerreri & Noyes 2005 Syst. Ent. 30:111.
 – *sosares* (Walk.) Finland. *ibid.*:118.
 – *cyaneum* Hoff. Finland. *ibid.*:123.
 – *dius* (Walk.) Finland. *ibid.*:126.
 – *genale* (Thoms.) Finland. *ibid.*:130.
 – *radnense* Erdős Finland. *ibid.*:135.
 – *bolivari* Merc. Finland. *ibid.*:137.
 – *albipes* (Westw.) Finland. *ibid.*:139.
 – *fuscisquama* (Thoms.) Finland. *ibid.*:140.
 – *tibiale* Hoff. Finland. *ibid.*:147
 * – *charon* Guerr. & Noy. *Ab*: Vichtis (W. Hellén), *N*: Tvärminne (W. Hellén). *ibid.*:147.
 – *iracundum* Erdős Finland. *ibid.*:152.
 – *anceus* (Walk.) Finland. *ibid.*:154.
 **Proclithrophorus genalis* Vikb. & Kop. *Ob*: Pudasjärvi (M. Koponen). Vikberg & Koponen 2001 EF 12:177.
Phaenoserphus chittii (Morl.) (*dubiosus* Nixon) *Kb*: Ilomantsi. Humala 2001:205.
Macrohynniss lepidus Mayr *N, St, Ta, Sb, Li*. Vikberg & Koponen 2002 EF 13:52.
 – *fragilis* (Nixon) *Kb*: Tohmajärvi, Liperi. *ibid.*:52.
Allotropa conventus Manev. *Ab*: Västanfjärd, *N*: Nurmijärvi. Buhl & Koponen 2003 Ent. Fenn. 14:98.
Fidiobia polita Buhl *Sb*: Jäppilä (P. Martikainen). *ibid.*:99.
Platystasius antennatus (Sundh.) *Sb*: Savonranta (P. Martikainen). *ibid.*:99.
Pseudaphanomerus hyalinatus Szel. *Sb*: Savonranta (P. Martikainen). *ibid.*:99.
 **Anopedias notaulatus* Buhl *N*: Nurmijärvi (M. Koponen), *Ta*: Juupajoki (M. Koponen). Buhl 2005 EF 16:74.
Inostemma acuminatum Toms. *Lk*: Kittilä. Buhl & Koponen 2003:100.
 * – *koponi* Buhl *N*: Kirkkonummi (M. Koponen), *Sa*: Ristiina (M. Koponen), *Kl*: Parikkala (M. Koponen). Buhl 2005:75.
Acerotella evanescens (Kieff.) *St*: Vammala. Buhl & Koponen 2003:99.
 – *humilis* (Kieff.) *N*: Nurmijärvi. *ibid.*:99.
Aceroteta borealis Kozl. & M. *N*: Nurmijärvi, Tuusula, Hyvinkää. *ibid.*:99.

- Isocybus bifracticornis* (Zett.) *Ok*: Ristijärvi, Paltamo. *ibid.*:100.
- *matuta* (Walk.) *Ok*: Paltamo. *ibid.*:100.
 - *ocellaris* Kieff. (cf.) *Ta*: Janakkala. *ibid.*:100.
 - **Platygaster anopediana* Buhl *Kb*: Liperi (M. Koponen). Buhl 2005:78.
 - *attenuata* Walk. *N*: Nurmijärvi. Buhl & Koponen 2003:101.
 - *chloropus* Thoms. *N*: Nurmijärvi. *ibid.*:101.
 - *clavata* Buhl *Oa, Ok, Ob*. *ibid.*:101.
 - *damokles* (Buhl) *Sa*: Ristiina. *ibid.*:101.
 - *danielssoni* Buhl *Ta*: Nastola. *ibid.*:101.
 - *demades* Walk. *N*: Nurmijärvi. *ibid.*:101.
 - * – *fennica* Buhl *Sb*: Savonranta (P.Martikainen). Buhl 2003 Ent. Fenn. 14:110.
 - *gracilipes* Hugg. *N, St, Sa, Sb, Ok*. Buhl & Koponen 2003:101.
 - *hybrida* Buhl *N*: Nurmijärvi, *Kb*: Liperi. *ibid.*:102.
 - * – *koponeni* Buhl *N*: Nurmijärvi (M.Koponen). Buhl 2003:111.
 - *leptines* Walk. *Ok*: Paltamo. Buhl & Koponen 2003:102.
 - *longestriolatus* Thoms. *Sa*: Ristiina. *ibid.*:102.
 - *lundensis* Buhl *N*: Nurmijärvi. *ibid.*:102.
 - *lysicles* Walk. *N*: Nurmijärvi. *ibid.*:102.
 - *marginata* Thoms. *N*: Nurmijärvi. *ibid.*:102.
 - * – *martikaineni* Buhl *Sb*: Savonranta (P.Martikainen). Buhl 2003:112.
 - * – *martii* Buhl *N*: Nurmijärvi (M. Koponen), *St*: Vammala (M.Koponen). Buhl & Koponen 2003:113; Buhl 2005:79.
 - *nisus* Walk. *N*: Nurmijärvi. Buhl & Koponen 2003:102.
 - *nottoni* Buhl *N*: Nurmijärvi, *Sa*: Ristiina. *ibid.*:102.
 - * – *oblonga* Buhl *N*: Nurmijärvi (M.Koponen). Buhl 2005:79.
 - *osculus* Walk. *Sa*: Mikkeli. Buhl & Koponen 2003:102.
 - *pedasus* Walk. *Ta*: Nastola, *Sa*: Ristiina. *ibid.*:102.
 - *pelias* Walk. *N*: Nurmijärvi, *Sa*: Ristiina. *ibid.*:102.
 - *picipes* Först. *N*: Nurmijärvi. *ibid.*:103.
 - *rugosiceps* Buhl *N, Sb, Ob*. *ibid.*:103.
 - *rutilipes* Buhl *N*: Helsinki. *ibid.*:103.
 - *sagana* Walk. *N*: Nurmijärvi. *ibid.*:103.
 - *soederlundi* Buhl *N*: Nurmijärvi. *ibid.*:103.
 - *splendidula* Ruthe *N, Ta, Sa*. *ibid.*:103.
 - *tisias* Walk. (cf.) *Sb*: Savonranta, *Ob*: Tervola. *ibid.*:103.
 - *transversiceps* Buhl *N*: Nurmijärvi. *ibid.*:103.
 - *vintheri* Buhl *Sb*: Savonranta (P.Martikainen). *ibid.*:103.
- Euxestonotus error* (Fitch) *St, Sb*. *ibid.*:100.
- *hasselbalchi* Buhl *N*: Nurmijärvi. *ibid.*:100.
 - Synopeas brevis* Buhl *N*: Nurmijärvi. *ibid.*:103.
 - *ciliatus* Thoms. *N*: Nurmijärvi. *ibid.*:103.
 - * – *discoideus* Buhl *N*: Nurmijärvi (M. Koponen). buhl 2005:81.
 - *lugubris* Thoms. *Sb*: Savonranta (P.Martikainen). Buhl & Koponen 2003:104.
 - * – *suomiana* Buhl *N*: Nurmijärvi (M.Koponen). Buhl 2003:116.
 - *trebius* Walk. (cf.) *Sb*: Savonranta (P.Martikainen). Buhl & Koponen 2003:104.
 - Leptacis breisteini* Buhl *N*: Nurmijärvi. *ibid.*:100.
 - *coryphe* Buhl *N*: Nurmijärvi. *ibid.*:100.
 - *orchymonti* (Deb.) *N*: Nurmijärvi, *Sa*: Ristiina. *ibid.*:100.
 - *ozines* (Walk.) *N*: Nurmijärvi, *Ta*: Hämeenlinna. *ibid.*:100.
 - *vlugi* Buhl *N*: Nurmijärvi, *Om*: Alahärmä. *ibid.*:101.
 - Amblyaspis belus* (Walk.) *N, Ta, Sb, Ob*. *ibid.*:99.
 - *scelionoides* (Halid.) *Sa*: Ristiina. *ibid.*:99.
 - *tritici* (Walk.) (cf.) *Sb*: Savonranta (P.Martikainen). *ibid.*:99.
 - Bocchus vernieri* Olmi *Ta*: Tammela. Vikberg & Koponen 2001 EF 12:34.
 - Gonatopus horvathi* Kieff. *Ab*: Lojo (W. Hellén), *Sa*: Joutseno (W. Hellén), *Kl*: Parikkala (W. Hellén). *ibid.*:35.
 - Bethylus berlandi* Arlé *Ab-Ok*. Söderman & Vikberg 2003:43.
 - Laelius pedatus* (Say) *N, Ka, Ok, Ob*. *ibid.*:43.
 - * – *borealis* Vikb. *Al, Ab, N, Ka, Ta, Sa, Sb*. Vikberg & Koponen 2005 EF 16:29.
 - * – *parcepilosus* Vikb. *Ta*: Hämeenlinna, *Sa*: Mikkelä, *Kl*: Parikkala. *ibid.*:38.
 - * – *virilis* Vikb. *Ta, Sa*. *ibid.*:32.
 - Chrysis subcoriacea* Linsenm. (sp.dist.) *Al-Ob*. Söderman & Vikberg 2003:45.
 - Lasius psammophilus* Seif. *Ab-Ob*. *ibid.*:46
 - *platythorax* Seif. *Ab-Ob*. *ibid.*:46.
 - Priocnemis gracilis* Haupt *St*: Punkalaidun. *ibid.*:60.
 - Evagetes alamannicus* (Blüthg.) *Al-Li*. *ibid.*:49.
 - *subglaber* (Haupt) *Kb*. *ibid.*:49.
 - Anoplius aeruginosus* (Tourn.) *Al-Ob*. *ibid.*:49.
 - Arachnospila virgilabnormis* (Wolf) *Ab, N*. *ibid.*:49.
 - Passaloecus turionum* Dahlb. (sp.dist.). *ibid.*:51.
 - Ectemnius sexcinctus* (F.) *Ab*: Bromarv (P. & S.-L. Nuorteva). *ibid.*:62
 - Hylaeus difformis* (Eversm.) *Ab*: Halikko (L. Lindgren & J. Pöyry). Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:60.
 - *pfankuchi* Alf. *Al*: Hammarland. Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:70.
 - Andrena helvola* (L.) *Al*: Hammarland, Geta. Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:121.
 - *nigroaenea* (Kby.) *Al, Ab, N*. Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:103.
 - Lasioglossum quadrinotatum* (Kby.) *Al*: Sund (P. Val-

- tonen). Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:145.
- *subfulvicorne* (Blüthg.) (sp. dist.) *Sa, Sb, Ok*. Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:152.
- Stelis minima* Schenck (sp. dist.) *Al-Kb*. Söderman & Vikberg 2003:57.
- Osmia hyperborea* Tkalcú *Le, Li*. Söderman & Vikberg 2003:62, Söderman & Leinonen 2003:211.
- Bombus patagiatus* Nyl. *Kb*: Eno (G. Söderman). Söderman & Vikberg 2003:63, Söderman & Leinonen 2003:294.
- *schrencki* (Mor.) *N*: Pyhtää (G. Söderman). Söderman & Vikberg 2003:63, Söderman & Leinonen 2003:322.

Present number: $5,976 - 40 + 239 = 6,175$ spp.

3. Discussion

The Finnish insect fauna is generally well known. Still, there are certain groups where much re-

mains still to be done. That is particularly the case within Diptera Nematocera and Hymenoptera Parasitica, to some degree also in part of Hemiptera. The additions during the study period have been particularly numerous in those groups, and will undoubtedly be so further on, too, as long as taxonomic and faunistic research continues. In many other orders, our knowledge is much more complete, taxonomic work may result in occasional changes, and intense field work will now and then bring out some previously overlooked species, but a considerable percentage of the new records will really mean that the species have spread to new areas. Whether they are just strays, or whether there is going to be a colonization, remains then to be seen. Particularly the orders Coleoptera and Lepidoptera have shown several cases of colonization during the last decades, some of them spontaneous, others assisted by international trade.