

Changes 2006–2010 in the list of Finnish insects

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During the period 142 species have been deleted from the list of Finnish insects, and 1,223 species have been added to it. At the end of year 2010 a total of 21,613 insect species were known from Finland.

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1. Introduction

This paper is a sequel to a similar list published in 2007 (Silfverberg, Entomol. Fenn. 18:82–101), which itself was a continuation of a series of lists published in 1921–2001 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.

In previous lists only data from printed publications have been included. Nowadays fairly much has been published in electronic form, and such data cannot be ignored. When referred to, such publications are listed in the beginning of each order.

For the new species the locality has generally been given, with its biogeographical province. If the species has been reported from many localities often only the provinces have been listed, or the abbreviation m.l. (= many localities) has been used. When Finland is mentioned as the locality, the original record gave no more exact location. 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 imported, and has not been included in the species total. Again square brackets have in some cases 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.

There were some counting errors in the previous list (Silfverberg 2007). Numbers in this list are based on corrected ones. During the period covered by this list there have been 126 species deleted from the Finnish fauna, and 1,223 species added to it. At the end of year 2010 a total of 21,617 insect species were known from Finland.

2. Additions and deletions from the list of Finnish insects

Collembola

Deletions

Folsomia diplophthalma (Ax.) (f.d., = *F. palaeartica* Pot. & Bab.). Fjellberg 2007 Fauna Ent. Scand. 42:38.

Vertagopus sarekensis (Wahlgr.) (f.d.). *ibid.*:104, 252.
Isotoma violacea Tullb. (f.d., = *Desoria tolya* Fjellb. & *D. hiemalis* (Sch.)). *ibid.*:120, 122.

Sminthurides signatus (Krausb.) (f.d., = *S. pseud-assimilis* Stach). *ibid.*:181.

Arrhopalites pygmaeus (Wank.) (f.d.). *ibid.*:191, 254.
Sminthurus flaviceps Tullb. (f.d.). *ibid.*:226.

Additions

Ceratophysella engadinensis (Gis.) *Ka*: Kotka, *Tb*: Jyväskylä. Huhta *et al.* 2010 Memoranda Soc. Fauna Flora Fenn. 86:76.

Friesea truncata Cass. *Al*. *ibid.*:76.

Protaphorura tricampata (Gis.) *Tb*, *Kb*, *Ob*, *Ks*. *ibid.*:77.

Stenaphorura lubbocki Börn. *N*: Helsinki. *ibid.*:78.

Mesaphorura italica (Rus.) *Ks*: Kuusamo. *ibid.*:77.

- *sylvatica* (Rus.) *Ab*, *N*, *Ka*, *Oa*, *Tb*, *Ob*, *Ks*, *Lk*. *ibid.*:77.

Wankeliella peterseni Rus. *Ks*: Kuusamo. *ibid.*:78.

Anurophorus palaearticus Pot. *Tb*. Fjellberg 2007 Fauna Ent. Scand. 42:23, 250.

- *atlanticus* Fjellb. *N*, *Oa*. *ibid.*:24, 250.

Folsomia candida (Will.) *N*, *Oa*. Fjellberg 2007 *ibid.*:28, 250.

- *bisetosa* Gisin *Lk*. *ibid.*:32, 250.

- *manolachei* Bagn. *Ab*, *Ks*, *Lk*. *ibid.*:38, 250.

Proisotoma clavipila (Ax.) *Ka*, *Oa*, *Ob*, *Lk*. *ibid.*:81, 251.

Desoria grisea (Lubb.) *Al*, *Ab*, *N*, *Ka*, *Oa*, *Kb*, *Ob*. Huhta *et al.* 2010:76.

Isotomurus italicus Carap. *Kb*. Fjellberg 2007:94, 252.

* - *graminis* Fjellb. *Ob*. *ibid.*:96, 252.

- *stuxbergi* (Tullb.) *Ab*, *Ta*. *ibid.*:98, 252.

- *antennalis* Bagn. *N*: Helsinki, *Ka*: Kotka. Huhta *et al.* 2010:77.

Vertagopus haagvari Fjellb. *Ab*, *Ta*, *Tb*. Fjellberg 2007:103, 252.

Parisotoma trichaetosa (Mart.) *Ob*: Oulu (V. Huhta). *ibid.*:111.

Isotoma riparia (Nic.) (m.l.). *ibid.*:115, 252.

- *caerulea* Bourl. (m.l.). *ibid.*:116, 252.

* *Desoria tolya* Fjellb. (m.l.). *ibid.*:120, 252.

* - *potapovi* Fjellb. *Lk*, *Li*. *ibid.*:126, 253.

Entomobrya multifasciata (Tullb.) (sp.dist. m.l.). *ibid.*:139, 253.

Lepidocyrtus pallidus Reut. (sp.dist.) *N*, *Sa*, *Kb*. *ibid.*:147, 253.

Sminthurides parvulus (Krausb.) *Tb*. *ibid.*:184, 254.

Arrhopalites cochlearifer Gisin *Ka*, *Ta*. *ibid.*:189, 254.

Sminthurinus transversalis Ax. (sp.dist.) *N*, *Om*, *Ob*. *ibid.*:196, 255.

- *signatus* (Krausb.) (sp.dist.) (m.l.). *ibid.*:197, 255.

- *alpinus* Gis. *N*: Helsinki. Huhta *et al.* 2010:78.

Dicyrtomina flavosignata (Tullb.) *Ab*, *N*. Fjellberg 2007:206, 255.

Heterosminthurus claviger Gisin (m.l.). *ibid.*:213, 255.

Present number: 215 – 6 + 33 = 242 spp.

Ephemeroptera

Deletions

Baetis tracheatus Keff. & Mach. (f.d., = *B. jaervii* Savol.). Savolainen 2009a EF 20:185. Savolainen 2009b Kulumus 15:26.

Additions

* *Baetis jaervii* Savol. *Ta*, *Kl*, *Tb*, *Sb*, *Kb*, *Om*, *Ok*, *Ks*, *Lk*, *Li*. Savolainen 2009a EF 20:183. Savolainen 2009b Kulumus 15:3,22.

Present number: 55 – 1 + 1 = 55 spp.

Odonata

Korentowiki. <http://www.sudenkorento.fi/kwiki> (30.9.2010)

Additions

Aeshna affinis V.d.Lind. *N*: Helsinki. Schröter & Karjalainen 2009 Crenata 2:36.

Anax imperator (Leach) *Al*: Lågskär (P. Pynnönen). Korentowiki

Sympetrum pedemontanum (Alli.) *N*: Tvärminne (P. Ahlroth & A. Albrecht) *ibid.*

Present number: 54 + 3 = 57 spp.

Psocoptera

Kanervo, J. 2010. Suomen jäytiäiset / The Psocoptera of Finland. <http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/psoc/psocmaps.htm> (15.11.2010)

Additions

Liposcelis palatina Roesl. *Ab*: Lemu. Kanervo.

Peripsocus consobrinus Pearm. *Ka*: Virolahti. Kanervo.

Elipsocus moebiusi Tet. *Ab*, *N*, *St*, *Ta*, *Ob*, *Ok*. Kanervo.

Philotarsus parviceps Roesl. *Al-Om*. Kanervo.

Present number: 67 + 4 = 71 spp.

Hemiptera

Hem1 – Hemiptera-työryhmä, Albrecht, A. Rinne, V. & Hemiptera Expert Group. 2010. Suomen luteet. / The Heteroptera of Finland. <http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/het/ludemaps.htm> (25.11.2010)

Hem2 – Söderman, G., Albrecht, A., Rinne, V. & Hemiptera Expert Group. 2010. Suomen kaskaat. / The Auchennorrhyncha of Finland. <http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/auch/kaskmaps.htm> (15.11.2010)

Hem3 – Mattila, K., Söderman, G., Albrecht, A., Rinne, V. & Hemiptera Expert Group. 2010. Suomen kempit,

- jauhiaiset ja kilpikirvat. / The Psylloidea, Aleyrodoidea and Coccoidea of Finland. http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/psyll_etc/kempmaps.htm (15.11.2010)
- Hem4 – Albrecht, A. & Hemiptera Expert Group. 2010. Suomen kirva-atlas. / Atlas över Finlands bladlöss / Atlas of the Aphids of Finland. <http://www.luomus.fi/elaintiede/hyonteiset/tutkimus/kirvat/atlas.htm> (15.6.2010)
- Albrecht, A., Mattila, K., Rinne, V. & Söderman, G. 2008. Suomen nivelkärsäisten luettelo. http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/tyoryhma/Check-list_of_Finnish_Hemiptera.pdf (28.11.2008)
- Rintala, T. & Rinne, V. 2010. Suomen luteet. Tibiale Oy, Helsinki, 352 pp.
- Deletions**
- Hydrometra stagnorum* (L.) (dubious record). Albrecht *et al.* 2008:1.
- Edwardiana hippocastani* (Edw.) (f.d., = *E. ulmiphaga* Wils. & Cl.). Albrecht *et al.* 2006 *Sahlbergia* 11(2):9.
- Macrosteles fascifrons* (Stål) (= *M. alpinus* (Zett.)). Söderman 2007 *The Finnish Environment* 7:45.
- Aphalara rumicicola* Klim. (= *A. polygoni* Först.). Albrecht *et al.* 2008:17.
- Aphis striata* HRL (f.d.). Hem4
- *praeterita* Walk. (f.d.). *ibid.*
- Toxopterella drepanosiphoides* McGill. & Br. (= *Muscaphis escherichi* (Börn.)). Remaudière & Remaudière 1997 *Catal. Aphid. monde*, p. 123.
- Additions**
- Glaenocoris cavifrons* (Thoms.) (sp.dist.) *Ok-Li*. Rintala & Rinne 2010:42.
- Plea minutissima* Leach *N*: Helsinki. Hem1.
- Velia caprai* Taman. *Al*: Eckerö. Rintala & Rinne 2010:59.
- Galeatus affinis* (H.-Sch.) Finland. Albrecht *et al.* 2008:3
- Stephanitis pyri* (F.) Finland. *ibid.*:3.
- *rhododendri* Horv. *N*: Elimäki. Rintala & Rinne 2010:79.
- Macrolophus melanotoma* (Costa) Finland. Albrecht *et al.* 2008:4.
- Dicyphus errans* (Wolff) *Al*. Rintala & Rinne 2010:85.
- *pallicornis* (Fieb.) *Ab*: Tarvasjoki. Albrecht *et al.* 2006 *Sahlbergia* 11(2):3, Rintala & Rinne 2010:85.
- *epilobii* Reut. *N*: Ingå. Hem1.
- Tupiocoris rhododendri* (Doll.) *N*: Helsinki. Rintala & Rinne 2010:87.
- [*Nesidiocoris tenuis* (Reut.)] *Oa*. Huusela-Veistola *et al.* 2010 *Kasvinsuojelulehti* 43:20, Rintala & Rinne 2010:267.
- Deraeocoris lutescens* (Schill.) *Ab*: Turku. Hem1.
- Dichrooscytus gustavi* Josif. *Ta*: Tampere (J. Kirjavainen). Albrecht *et al.* 2006:4, Rintala & Rinne 2010:110.
- Dichrooscytus intermedius* Reut. *Ab, N, Ta*. Rintala & Rinne 2010:111.
- Acetropis gimmerthalii* (Flor) *Kl*: Parikkala. Hem1.
- Pseudoloxops coccineus* (M.-D.) *Al*: Finström & Marrihamn. Albrecht *et al.* 2006:4, Rintala & Rinne 2010:135.
- Psallus montanus* (Jos.) *N, Ka*. Rintala & Rinne 2010:266.
- Chlamydatius drymophilus* Vinok. *Ab-Le*. *ibid.*:148.
- Amblytylus nasutus* (Kirschb.) *N*: Tvärminne. Hem1.
- Elatophilus nigrellus* (Zett.) (sp. dist.) *Ab-Ks*. Rintala & Rinne 2010:172.
- Orius laticollis* (Reut.) *Al*: Finström (P. Ahlroth). Albrecht *et al.* 2006:4, Rintala & Rinne 2010:175.
- *majusculus* (Reut.) *N*: Espoo & Järvenpää, *Sa*: Lappenranta. Rintala & Rinne 2010:176.
- *vicinus* (Rib.) *Ab*: Turku, *N*: Helsinki. *ibid.*:176.
- *laevigatus* (Fieb.). Finland. Albrecht *et al.* 2008:7.
- Coranus aethiops* Jak. *Ab, N, St, Ta, Sa, Oa, Kb*. Rintala & Rinne 2010:185.
- Aradus montandoni* Reut. *Kb*: Ilomantsi. *ibid.*:195.
- Nysius groenlandicus* (Zett.) (sp.dist.) *Lk, Le, Li*. *ibid.*:199.
- Geocoris grylloides* (L.) *Ab*: Dragsfjärd (P. Ahlroth). Albrecht *et al.* 2006:5, Rintala & Rinne 2010:203.
- [*Oxycarenus lavatae* (F.)] *Ka*: Hamina (S. Karjalainen). Albrecht *et al.* 2006:5, Rintala & Rinne 2010:268.
- Tropidophlebia costalis* (Herr.-Sch.) *Sa*: Valkeala. Rintala & Rinne 2010:207.
- Graptopeltus lynceus* (F.) *Al*: Geta & Lemland. Albrecht *et al.* 2006:5, Rintala & Rinne 2010:219.
- Pyrrhocoris apterus* (L.) *Sa*: Imatra. Jantunen 2010 *Suomen Luonto* 69(8):13.
- Bathysolen nubilus* (Fall.) *Ab, N, Sa*. Rintala & Rinne 2010:240.
- Elasmotherus minor* Horv. *Al, Ab*. *ibid.*:249.
- Aelia rostrata* Boh. *Kl*: Parikkala. *ibid.*:258.
- Graphosoma lineatum* (L.) *Ab, N*. Hem1.
- Kelisia confusa* Linnav. *Al*: Jomala. Albrecht *et al.* 2006:8.
- Anakelisia perspicillata* (Boh.) *Al*: Sund. *ibid.*:8.
- Eurybregma porcus* (Emel.) *Kb*: Tohmajärvi (M. Pajari). *ibid.*:8.
- Ditropis flavipes* (Sign.) *Ka*: Hamina. Hem2.
- Delphacodes capnodes* (Scott) *St*: Yläne, *Ta*: Kuru. Albrecht *et al.* 2006:8.
- Acanthodelphax spinosa* (Fieb.) *Ab, N, Ta, Sa*. *ibid.*:8; Söderman 2007 *The Finnish Environment* 7:22.
- Florodelphax leptosoma* (Flor) *N*: Helsinki. Hem2.
- Xanthodelphax xantha* Vilb. *Sa, Kl*. Albrecht *et al.* 2006:8.

- Ribautodelphax vinealis* Biem. *Ab, Ta, Ob, Ok, Lk, Le, Li*. *ibid.*:8.
- Ommatidiotus inconspicuus* Stål *N*: Hanko. *ibid.*:8.
- Aphrophora salicina* (Gze.) *Ab, N*. Hem2.
- Neophilaenus pallidus* Haupt *Al*. *ibid.*
- Macropsis albae* Wagn. Finland. Albrecht *et al.* 2008:12.
- *flavida* Vilb. *Ok, Ob*. Hem2.
- *gravensteini* Wagn. *Ab*: Pojo, *N*: Elimäki. *ibid.*
- *notata* (Proh.) *Ab*: Karis. *ibid.*
- *ocellata* Prov. *N*: Borgå. *ibid.*
- *remanei* Nick. *St, Ta, Kb, Ob*. *ibid.*
- Anaceratagallia lithuanica* Vilb. *N, Sa*. Albrecht *et al.* 2006:9; Söderman 2007:30.
- Acericerus heydenii* (Kirschb.) *Ab*: Nauvo & Turku. Albrecht *et al.* 2006:9.
- Metidiocerus crassipes* (J.Sahlb.) *Ob*: Rovaniemi. Hem2.
- Tremulicerus distinguendus* (Kirschb.) *Al, Ab, Sa*. Söderman 2007:31.
- Aphrodes diminuta* Rib. *N, St, Ta, Kb, Om, Lk*. Albrecht *et al.* 2006:9.
- Kybos volgensis* (Vilb.) *N*: Ingå (G. Söderman). *ibid.*:9.
- *rufescens* (Mel.) *N*: Helsinki. Hem2.
- *mucronatus* (Rib.) *Al*. *ibid.*
- Edwardiana lethierryi* (Edw.) *Al*: Lemland. Albrecht *et al.* 2006:9.
- *plurispinosa* (Wagn.) *Al, Ab, N*. *ibid.*:9.
- *ulmiphaga* Wils. & Cl. (*hippocastani* auct.) *Al, Ab, N*. *ibid.*:9.
- Linnavuoriana intercedens* (Linnav.) (sp. dist.) *Al, Ab, N, Ta, Sa, Kb, Ok*. *ibid.*:9.
- Eupteryx stachydearum* (Hardy) *Al*: Lemland & Finström. *ibid.*:10.
- *aurata* (L.) *N*: Elimäki. Hem2.
- *decemnotata* Rey *N*: Helsinki. *ibid.*
- Zygina schneideri* (Günth.) *Ab*: Turku. *ibid.*
- Circulifer haematoceps* (Muls. & R.) *Om*: Lohtaja (G. Söderman). Albrecht *et al.* 2006:10.
- Macrosteles oshanini* Razv. *Ab*: Nauvo. *ibid.*:10.
- *sardus* Rib. *Ab, N*. Hem2.
- Doratura exilis* (Horv.) *N*: Borgå. *ibid.*
- Cicadula nigricornis* (J.Sahlb.) *Ab, N*. Albrecht *et al.* 2006:10.
- *rubroflava* Linnav. *Ab-Ks*. Hem2.
- Fieberiella septentrionalis* Wagn. *N*: Hangö. *ibid.*
- Perotettix orientalis* (Anufr.) *Ta*: Ruovesi. Albrecht *et al.* 2006:10.
- *pictus* (Leth.) *Ta*: Valkeakoski (J. Kirjavainen). *ibid.*:10.
- Metalimnus obtusus* Emel. *N, Sa, Kb*. Söderman 2007:55.
- Psammotettix lapponicus* Oss. *Le*: Kilpisjärvi (K. Mattila). Albrecht *et al.* 2006:11.
- *slovacus* Dlab. *St, Ta, Sa, Kl, Oa*. *ibid.*:11; Söderman 2007:57.
- Adarrus multinotatus* (Boh.) *Ta*: Valkeakoski (J. Kirjavainen). Albrecht *et al.* 2006:11.
- Pinimius areatus* Rib. *Kl*: Rautjärvi (M. Koponen). *ibid.*:11.
- Cosmotettix evanescens* Oss. *Ab, Ta, Sa*. *ibid.*:11; Söderman 2007:59.
- Craspedolepta campestris* Oss. *Ka, Ta, Sa*. Albrecht *et al.* 2008:17. Hem3.
- Psylla buxi* (L.) *N, Ta*. Albrecht *et al.* 2008:17. Hem3.
- Cacopsylla pyricola* (Schrank) *Ka, Ta*. Albrecht *et al.* 2006:11.
- *pulchra* (Zett.) *Al-Kl, Kb, Ok*. Albrecht *et al.* 2008:18. Hem3.
- Bactericera parastricola* Conc. *et al. Li*: Inari. Albrecht *et al.* 2008:18. Hem3.
- *substriola* Oss. *Ok*: Kuhmo. Albrecht *et al.* 2008:18. Hem3.
- Trioza cirsii* Löw *Ab, N, Ta*. Albrecht *et al.* 2008:18. Hem3.
- *tatrensis* Klim. *Li*: Utsjoki. Albrecht *et al.* 2008:18. Hem3.
- Adelges lapponicus* (Chol.) *Li*: Utsjoki. Albrecht *et al.* 2008:18. Hem4.
- *tardus* (Dreyf.) *Ab-Lk*. Albrecht *et al.* 2008:18. Hem4.
- Acanthohermes quercus* Koll. *Ab*: Turku Ruissalo. Albrecht *et al.* 2006:12.
- Cinara cupressi* (Buckt.) *Ab, N, Ka*. Albrecht *et al.* 2008:25. Hem4.
- Trama rara* Mordv. *N*: Sjundeå. Albrecht *et al.* 2008:25. Hem4.
- Anoecia nemoralis* Börn. *Ab, N, Ta, Sa*. Albrecht *et al.* 2008:19. Hem4.
- Pachypappa warshavensis* (Nason.) *Ka*: Virolahti. Albrecht *et al.* 2008:19. Hem4.
- Pemphigus passeki* Börn. *Ab, N, Sa*. Albrecht *et al.* 2008:19. Hem4.
- *immunis* Buckt. Finland. Albrecht *et al.* 2008:19.
- Subsaltusaphis lambersi* (Quedn.) *Ab, N, Sa*. Albrecht *et al.* 2008:20. Hem4.
- Sipha littoralis* (Walk.) *Ab, Sa, Ob*. Albrecht *et al.* 2008:20. Hem4.
- Aphis loti* Kalt. *N*: Helsinki (A. Albrecht). Albrecht *et al.* 2006:14.
- *ruborum* (Börn.) *N*: Sibbo (A. Albrecht). *ibid.*:14.
- *etiolata* Stroy. *Sa*: Rautjärvi. Albrecht *et al.* 2008:21. Hem4.
- *nepetae* Kalt. *Ab*: Turku. Albrecht *et al.* 2008:21. Hem4.
- *rumicivora* Heie *Al-Kb*. Albrecht *et al.* 2008:21. Hem4.
- Schizaphis phlei* Orlob *N*. Albrecht *et al.* 2008:21. Hem4.

- Dysaphis aizenbergi* (Shap.) Al: Eckerö (A. Albrecht). Albrecht *et al.* 2006:14.
 - *ossiannilssoni* Stroy. Ab: Dragsfjärd. Albrecht *et al.* 2008:22. Hem4.
 - *maritima* (HRL) N. Albrecht *et al.* 2008:22. Hem4.
Ceruraphis eriophori (Walk.) Ab, N, Ta, Sa. Albrecht *et al.* 2008:22. Hem4.
Cavariella cicutae (Koch) Ta: Janakkala. Albrecht *et al.* 2008:22. Hem4.
Myzus nicotianae Blackm. N: Helsinki. Albrecht *et al.* 2008:23. Hem4.
Macrosiphum lisae Heie Om: Pyhäjoki. Albrecht *et al.* 2006:14.
Uroleucon rapunculoides (Börn.) Ab: Turku. *ibid.*:15.
 - *hypochoeridis* (F.) Sa, Kb. Albrecht *et al.* 2008:24. Hem4.
 - *leontodontis* (HRL) Ab-Ob. Albrecht *et al.* 2008:24. Hem4.
Amphorophora rubi (Kalt.) Ab-Lk. Albrecht *et al.* 2008:24. Hem4.
Atracoccus paludinus (Gr.) N: Hyvinkää, Kb: Ilomantsi. Albrecht *et al.* 2006:15.
Peliococcus calluneti (Lid.) Kb: Ilomantsi. Albrecht *et al.* 2008:25. Hem3.
Trionymus perrisii (Sign.) Finland. Albrecht *et al.* 2008:25.
 [Rhizoecus cactitans (Hambl.)] Finland. *ibid.*:25.
Acanthococcus uvaeursi (L.) Ab: Vihti. Hem3.
Pseudochermes fraxini (Kalt.) Finland. Albrecht *et al.* 2008:25.
Eulecanium tiliae (L.) Ab: Karis. Albrecht *et al.* 2008:26. Hem3.
Leucaspis pini (Hart.) Ab, N. Albrecht *et al.* 2008:26. Hem3.
 - *lowi* Colv. [*Lepidosaphes loewi*] N: Helsinki (G. Söderman). Albrecht *et al.* 2006:15.

Present number: 1,428 – 7 + 128 = 1,549 spp.

Thysanoptera

Kettunen, J. 2008. Suomen ripsiäisten luettelo / Check-list of Finnish Thysanoptera. http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/tyoryhma/Check-list_of_Finnish_Thysanoptera.pdf (2.6.2008)

Additions

- Aeolothrips melaleucus* Halid. Finland. Kettunen 2008:1.
Dendrothrips degeeri Uzel Finland. *ibid.*:1.
Neohydatothrips abnormis (Karny) Finland. *ibid.*:1.
 [Echinothrips americanus Morg.] Finland. *ibid.*:1.
 [Frankliniella occidentalis (Perg.)] Finland. *ibid.*:1.
Thrips praetermissus Priesn. Finland. *ibid.*:2.
 [– *palmi* Karny] Finland. *ibid.*:2.

- Chirothrips pallidicornis* Priesn. Finland. *ibid.*:2.
Taeniothrips inconsequens (Uzel) Finland. *ibid.*:2.
Aptinothrips elegans Priesn. Finland. *ibid.*:2.
Haplothrips acanthoscelis (Karny) Finland. *ibid.*:2.
 - *kurdjumovi* Karny Finland. *ibid.*:2.
 - *propinquus* Bagn. Finland. *ibid.*:2.
 - *setigeriformis* Fáb. Finland. *ibid.*:2.
 - *tritici* (Kurdj.) Finland. *ibid.*:2.
Phlaeothrips bispinosus Priesn. Finland. *ibid.*:2.
Hoplandrothrips bidens (Bagn.) Finland. *ibid.*:3.
Hindsiothrips oettingeni (Priesn.) Finland. *ibid.*:3.
Hoplothrips fungi (Zett.) Finland. *ibid.*:3.
 - *grisescens* (Priesn.) Finland. *ibid.*:3.
 - *pallicornis* Crawf. Finland. *ibid.*:3.
 - *polysticti* (Moris.) Finland. *ibid.*:3.
 - *unicolor* (Vuill.) Finland. *ibid.*:3.
Maderothrips longisetis (Bagn.) Finland. *ibid.*:3.

Present number: 118 + 21 = 139 spp.

Neuroptera

Ahlroth, P. 2010. Suomen verkkosiipiset ja kärsäkorennot / The Neuroptera s.l. and Mecoptera of Finland. <http://www.sci.utu.fi/projects/biologia/elainmuseo/hemi/neur/verkmapp.htm> (10.8.2010)

Additions

- Hemerobius gilvus* Stein N: Hangö. Ahlroth 2010.
Micromus variegatus (L.) Al-Ka. *ibid.*
Chrysopa walkeri McL. Sa: Joutseno. *ibid.*

Present number: 63 + 3 = 66 spp.

Coleoptera

Albrecht, A., Karjalainen, S., Salokannel, J. & The Finnish expert Group on Coleoptera. 2010. Suomen kuoriaisatlas / Atlas över Finlands skalbaggar / Atlas of the beetles of Finland. <http://www.fnnh.helsinki.fi/elainmuseo/kovakuoriaiset> (15.3.2010)

Deletions

- Choleva agilis* (Ill.) (f.d., = *C. angustata* (F.)). Ruzicka & Vávra 2003 Mem. Entomol., Internat. 17:158.
Onthophagus similis (Scr.) (f.d., = *O. fracticornis* (Preysl.)). Roslin & Heliövaara 2007 Suomen lantakuoriaiset, p. 180.
Lamprobyrrhulus nitidus (Schall.) Recorded outside Finland. Silfverberg 2008 [2009] Sahlbergia 14:55.
Atomaria pseudaffinis Johns. & Str. (= *A. affinis* (F.Sahlb.)). Johnson 2006 Entomol. Gaz. 57:55.
Cryptocephalus flavipes F. (f.d., = *C. bameuli* Duhald.). Silfverberg 2008 [2009] Sahlbergia 14:54.

Additions

- Graphoderus austriacus* (Sturm) *Al*: Eckerö (T. Clayhills). Albrecht *et al.* 2010.
- ! *Cybister lateralimarginalis* (DeG.) *Ab*: Dragsfjärd Öro. Kullberg 2007 Suomen Luonto 66(6):12. Hildén *et al.* 2007 Memoranda Soc. Fauna Flora Fenn. 83:85.
- Bembidion obtusum* Serv. *Al*: Eckerö (E. Helve). Hildén *et al.* 2010 Memoranda Soc. Fauna Flora Fenn. 86:87.
- Anisodactylus signatus* (Panz.) *Sa*: Juva. Martikainen 2006 Sahlbergia 11:7.
- Bradycellus harpalinus* (Serv.) *N*: Hanko (P. Rassi). Albrecht *et al.* 2010.
- Masoreus wetterhallii* (Gyll.) *Ab*: Hitis. *ibid.*
- Helophorus pumilio* Er. *Ka*: Virolahti (S. Karjalainen). *ibid.*
- ! *Berosus fulvus* Kuw. *Al, Ab*. Valtonen 2010 Sahlbergia 16:1.
- Acrotichis nana* Strand *Sa*: Pertunmaa. Martikainen 2006:8.
- *suecica* Sundt *N*: Espoo (P. Rassi). Albrecht *et al.* 2010.
- Nevraphes perssoni* Franz *Ob*: Pudasjärvi (P. Rassi). *ibid.*
- Phyllodrepa vilis* (Er.) *Al*. *ibid.*
- Omalium oxycanthae* Grav. *N*: Espoo (P. Rassi). *ibid.*
- Anthobium unicolor* (Marsh.) *Al*: Föglö (M. Pentinsaari). *ibid.*
- Megarthus hemipterus* (Ill.) *Sb*: Savonranta. *ibid.*
- ! * *Euplectus lapponicus* Löbl. & Matt. *Li*: Inari. Löbl & Mattila 2010 EF 21:182.
- Batrissodes buqueti* (Aubé) *Sb*: Savonranta. Albrecht *et al.* 2010.
- Aleochara signata* (J.Sahlb.) (sp.dist.) *Ab*: Åbo. Löbl & Smetana 2004 Catal. Pal. Col. 2:360; Assing 2009 Beitr. Entomol. 59:64.
- Dexiogyia forticornis* (Strand) *Ta*: Heinola (J. Mattila). Albrecht *et al.* 2010.
- Acrotona pilosicollis* (Brund.) *Sa*: Ruokolahti. *ibid.*
- Agaricochara latissima* (Steph.) *Al*: Kökar (P. Rassi). *ibid.*
- Tachysida gracilis* (Er.) *Ta*: Loppi. *ibid.*
- Oligota granaria* Er. *Ab*: Dragsfjärd. *ibid.*
- *pumilio* Kiesw. *Al, N, Ta, Sa*. *ibid.*
- Stenus kiesenwetteri* Rosh. *Ab*: Hitis. *ibid.*
- Gabrieus piliger* Muls. & R. *Al*: Lemland Nätö. Clayhills 2010 Memoranda Soc. Fauna Flora Fenn. 85:97.
- Quedius persimilis* Muls. & R. *Al*: Eckerö (T. Clayhills). Albrecht *et al.* 2010.
- Semijulistus callosus* (Sols.) *Om*: Pyhäntä (S. Kaartinen), *Ob*: Pudasjärvi (J. Mattila). *ibid.* & Mattila pers.comm.
- Epuraea melanocephala* (Marsh.) *Al*. *ibid.*
- Meligethes matronalis* Aud. & Sp. *Al, Ab, N, Tb*. *ibid.*
- Cryptophagus intermedius* Bruce *Al*: Lemland Nätö. Clayhills 2010:97.
- Aridius bifasciatus* (Rtt.) *N*: Espoo (P. Rassi). Albrecht *et al.* 2010.
- Mordellistena secreta* Hor. *Sa*: Taipalsaari (I. Rutanen). *ibid.*
- Uloma culinaris* (L.) *Kb*: Kitee (P. Turunen). *ibid.*
- Oedemera subrobusta* Nak. *Sa*: Joutseno. Valtonen *et al.* 2006 Sahlbergia 11(2):38. Höjer 2008 Entomol. Tidskr. 129:93.
- Pseudovadonia livida* (F.) *Sa, Kl*. Albrecht *et al.* 2010.
- Cryptocephalus bameuli* Duhald. (*flavipes* auct.) *Ab*: Eura & Lojo. Silfverberg 2008 [2009] Sahlbergia 14:54.
- Longitarsus plantagomaritimus* Dollm. *Ka*: Hamina (S. Karjalainen). Albrecht *et al.* 2010.
- Psylliodes chalcomera* (Ill.) *Kl*: Simpele. *ibid.*
- Apion frumentarium* (L.) *N, Ka*. *ibid.*
- ! – *gnarum* Faust *Ta*: Lahti (J. Salokannel). Mattila 2008 Diamina 17:38.
- [*Otiorhynchus armadillo* (Rossi)] *N*: Järvenpää. Albrecht *et al.* 2010
- [*Otiorhynchus tenebricosus* Hbst. (*lugdunensis* Boh.)] *N*: Järvenpää. *ibid.*
- Polydrusus formosus* (Mayer) *Al*: Mariehamn, *N*: Espoo (E. Helve). Hildén *et al.* 2010:87. Albrecht *et al.* 2010.
- Hypera dauci* (Ol.) *Ka*: Vehkalahti. Albrecht *et al.* 2010.
- Anthonomus pomorum* (L.) *N, Ka, Sa*. *ibid.*
- Pelenomus quadricorniger* (Colon.) *Kl*: Parikkala. *ibid.*
- Ceutorhynchus pectoralis* Wse. *Kl*: Simpele & Parikkala. *ibid.*
- Ceutorhynchus melanostictus* (Marsh.) *Al*. *ibid.*
- Hylastes attenuatus* Er. *Ab*: Iniö. *ibid.*

Present number: 3,657 – 5 + 48 = 3,700 spp.

Trichoptera

Additions

Ithytrichia clavata Mort. *Ab*: Karjaa. Rinne & Salokannel 2008 Diamina 17:2.

Present number: 215 + 1 = 216 spp.

Lepidoptera

Deletions

Caloptilia semifascia (Haw.) (f.d., = *C. jurateae* Bengtss.). Bengtsson 2010 Entomol. Tidskr. 131:107.

Oxyptilus distans (Zell.) (f.d., = *O. tristis* (Zell.)). Välimäki *et al.* 2009 Baptria 34:50.

Additions

- Bucculatrix noltei* Petry *Ka*: Virolahti (J.P. & P. Kaitila). Mutanen *et al.* 2008b *Baptria* 33(1):8.
- Bucculatrix chrysanthemella* Reb. *Sa*: Kangasniemi. Siloaho 2008 *Baptria* 33:142. – import ?
- **Caloptilia jurateae* Bengtss. (*semifascia* auct.) Finland. Bengtsson 2010 *Entomol. Tidskr.* 131:107.
- Phyllonorycter trifoliellus* (Geras.) *N*: Hanko, *Ka*: Virolahti. Saarela 2009 *Baptria* 34:39. Välimäki & Kaitila 2010 *Baptria* 35:86.
- *comparellus* (Dup.) *N*: Vantaa (J.-P. Kaitila). Välimäki & Kaitila 2010:79.
- Parornix fagivora* (Frey) *St*: Rauma (O. Helminen). Sippola 2009 *Baptria* 34:39.
- Cameraria ohridella* Deschk. & Dim. *N*: Hanko & Espoo. Kaitila 2008 *Baptria* 33:119. Välimäki & Kaitila 2010:86.
- Agonopterix yeatiana* (F.) *Ka*: Virolahti. Kaitila 2008:119.
- **Elachista deriventa* Kaila & Mut. *Ta, Sa, Kl, Kb*. Kaila *et al.* 2008 *EF* 19:185. Välimäki & Kaitila 2010:82.
- *baltica* Her. *Lk*: Sodankylä & Pelkosenniemi. Mutanen *et al.* 2008b:9.
- * - *saarelai* Kaila & Sipp. *Ta*: Tampere. Kaila & Sippola 2010 *EF* 21:131.
- Coleophora filaginella* Fuchs *N*: Porvoo (P. Hirvonen), *Ta*: Valkeakoski (L. Sippola). Saarela & Sippola 2006 *Baptria* 31:40. Mutanen *et al.* 2008a *Baptria* 32:41. Välimäki & Kaitila 2010:83.
- Monochroa simplicella* (Lien. & Zell.) *N*: Ruotsinpyhtää. Nupponen 2008 *Baptria* 33:120.
- Scrobipalpa proclivella* (Fuchs) *N*: Hanko & Helsinki. Laasonen & Laasonen 2008 *Baptria* 33:120. Välimäki & Kaitila 2010:86.
- Dichomeris rasilella* (H.-S.) *Ka*: Virolahti. Kaitila 2008 *Baptria* 33:121. Välimäki & Kaitila 2010:86.
- *derasella* (D. & Sch.) *N*: Sipoo (O. Helminen, L. Jalonen & I. Seuranen). Välimäki & Kaitila 2010:80.
- Synanthedon soffneri* Špat. *Ta*: Pälkäne. Martikainen 2010 *Diamina* 19:18. Välimäki & Kaitila 2010:80.
- Acleris effractana* (Hüb.) *Ab, N, Ka, Ta, Kl, Oa*. Mutanen *et al.* 2008b:9.
- *cristana* (D. & Sch.) *Al*: Lemland, *Ab*: Korpo. Mutanen 2008 *Baptria* 33:121. Välimäki & Kaitila 2010:86.
- Cochylidia moguntiana* (Rössl.) *N*: Tammisaari (L. Kaila). Mutanen *et al.* 2008b:10.
- Eana derivana* (La H.) *Al*: Kökar. *ibid.*:10.
- Cnephasia genitalana* P. & Metc. *Ab*: Korpo & Dragsfjärd. *ibid.*:10.
- Archips crataeganus* (Hüb.) *Ab*: Dragsfjärd (E. & L. Laasonen & R. Martikainen). *ibid.*:11.
- Stenoptilia nolckeni* (Tengstr.) *Sa*: Kangasniemi (R. Siloaho). Kullberg 2008b *Baptria* 33:122.
- Oxyptilus tristis* (Zell.) *Ab, N*. Mutanen 2008:122. Välimäki & Kaitila 2010:86.
- Amblyptilia acanthadactyla* (Hüb.) *Al, Ab, N*. Mutanen 2009 *Baptria* 34:40. Välimäki & Kaitila 2010:88.
- Porrittia galactodactyla* (D. & Sch.) *Ab*: Salo, *N*: Espoo & Helsinki. Mutanen 2008:125. Välimäki & Kaitila 2010:88.
- Agriphila deliella* (Hüb.) *Ka*: Virolahti (H. Luoma). Mutanen *et al.* 2008b:12.
- Thisanotia chrysonuchella* (Scop.) *Ab*: Dragsfjärd (A. & J. Kullberg). *ibid.*:11.
- Epascestria pustulalis* (Hüb.) *Ab*: Dragsfjärd (A. & J. Kullberg). *ibid.*:12.
- Anania verbascalis* (D. & Sch.) *Al, N, Ka*. Mutanen *et al.* 2008b:12. Välimäki *et al.* 2008b *Baptria* 33(3):17
- Euchloe ausonia* (Hb.) *N*: Helsinki (I. Jalas). Kolev, Kullberg & Paukkunen 2010 *Baptria* 35:42.
- Lycæna tityrus* (Poda) *Ka*: Hamina (T. Nupponen) Välimäki, Kaitila & Lehto 2010 *Baptria* 35:44.
- Erebia euryale euryaloides* Tengstr. *Kb*: Lieksa (P. Grotenfelt). Kullberg 2007 *Suomen Luonto* 66(2):14. Hildén *et al.* 2007 *Memoranda Soc. Fauna Flora Fenn.* 83:85. Kullberg 2008a *Baptria* 33:47–48.
- Scopula nigropunctata* (Hufn.) *Ab*: Houtskär Jungfruskär (J.-P. Kaitila & M. Rantala). Mutanen *et al.* 2007 *Baptria* 32:41.
- Scopula marginepunctata* (Gze.) *N*: Hangö (K.-E. Lundsten). Välimäki 2008 *Baptria* 33(2):48. Välimäki *et al.* 2008a *Baptria* 33(2):70.
- Asthenes anseraria* (H-S) *N*. Välimäki 2008:48–49.
- Stegania cararia* (Hüb.) *Ka*: Virolahti. Kaitila & Jalonen 2008 *Baptria* 33:49. Välimäki *et al.* 2008a:70.
- Parectropis similaria* (Hufn.) *Ab, Ka*. Kaitila, Koski & Öhman 2008 *Baptria* 33:49–50. Välimäki *et al.* *Baptria* 33:68.
- Pericallia matronula* (L.) *Ab*: Dragsfjärd (T. Klemetti). *ibid.*:42.
- Dysgonia algira* (L.) *N*. Välimäki 2008 *Baptria* 33(2):50. Välimäki *et al.* 2008a:74.
- Eublemma parvum* (Hüb.) *Ab, Ka*. Kaitila 2008 *Baptria* 33(2):50. Välimäki *et al.* 2008a:74.
- Cucullia praecana* Ev. *Ab, Ka*. Välimäki 2008:50–51.
- *tanaceti* (D. & Sch.) *N*: Hanko. Koski 2010 *Baptria* 35:45.
- Apamea epomidion* (Haw.) *N*: Tammisaari Jussarö (T. & K. Nupponen). *ibid.*:43.
- Hadena filograna* (Esp.) *N, Ka*. Välimäki 2008:51. Välimäki *et al.* 2008a:69.
- Mythimna loreyi* (Dup.) *N*: Kirkkonummi (D.

- Lindblom). Välimäki 2008:51. Välimäki *et al.* 2008a:71.
- Epilecta linogrisea* (D. & Sch.) *Ab*: Dragsfjärd (J. Jokinen & R. Teriaho). Välimäki 2008:52. Välimäki *et al.* 2008a:70.
- Xestia ditrapezium* (D. & Sch.) *N*. Välimäki 2008:52.
- Dichagyris signifera* (D. & Sch.) *N*: Tammisaari Jussarö (T. & K. Nupponen). Nupponen 2007 *Baptria* 32:42.
- Agrotis bigramma* (Esp.) *Ab*: Dragsfjärd (J. & A. Kullberg). Kullberg 2008a:52–53. Välimäki *et al.* 2008a:71.

Present number: 2,509 – 2 + 51 = 2,558 spp.

Diptera

- Haarto, A. & Kerppola, S. 2007. Suomen kukkakärpäset. – Helsinki, 647 pp.
- Winqvist, T. & Kahanpää, J. 2007. Checklist of Finnish flies: superfamilies Tephritoidea and Sciomyzoidea. – *Sahlbergia* 12:20–32.
- Paasivirta, L. 2009. Chironomidae (Diptera: Nematocera) in the biogeographical provinces of Finland. <http://www.ymparisto.fi/download.asp?contentid=82649> (20.3.2009)
- Deletions
- Pseudosmittia brevitarsis* Brund. (= *P. ruttneri* Strz. & Thien.). Sæther & Ferrington 2003 *Zootaxa* 322:4.
- Micropsectra bidentata* (Goethgh.) (f.d., = *M. pallidula* (Meig.)). Stur & Ekrem 2006 *Zool. J. Linn. Soc.* 146:201.
- Zavrelia atrofasciata* Kieff. (= *Z. pentatoma* Kieff. & B.). Ekrem & Stur 2009 *Europ. J. Ent.* 106:132.
- Keroplatus sesioides* (Wahlb.) (= *K. tipuloides* Bosc) Kjærandsen *et al.* 2007 *Ins. Syst. Evol. Suppl.* 65:20.
- Mycomya kingi* Edw. (= *M. shermani* Garr.). *ibid.*:31.
- Brevicornu boreale* (Lundstr.) (= *B. griseolum* (Zett.)). *ibid.*:61
- Cordyla sixi* (Barendr.) (= *C. pusilla* Edw.). *ibid.*:63.
- *bergensis* (Barendr.) (= *C. nitidula* Edw.). Jakovlev *et al.* 2006 *Sahlbergia* 11:23.
- Pseudorymosia optiva* (Dziedz.) (f.d., = *P. fovea* (Dziedz.)). *ibid.*:32.
- Dynatosoma norwegiense* Zaitz. & Økl. (= *D. thoracicum* (Zett.)). Kjærandsen *et al.* 2007:78.
- Mycetophila assimilis* Mat. (= *M. signatoides* Dziedz.). *ibid.*:85.
- Syntormon denticulatus* (Zett.) (f.d., = *S. freymuthae* Loew). Kahanpää 2006 *Dipterol. Res.* 17:124.
- Bradysia cellarum* Frey (= *B. tilicola* (Loew) (*amoena* (Winn.))). Menzel & Heller 2006 *Stud. Dipterol.* 13:213.
- *pratincola* Tuomik. (= *B. affinis* (Zett.)). Heller *et al.* 2009 *Sahlbergia* 15:25.

- Dolichopus consimilis* Wahlb. (= *D. picipes* Meig.). Kahanpää 2008 *Zootaxa* 1689:51.
- *cruralis* Wahlb. (= *D. lepidus* Staeg.). *ibid.*:51.
- *parvicaudatus* Zett. (= *D. plumipes* (Scop.)). *ibid.*:51.
- *pectinitarsis* Stenh. (= *D. plumipes* (Scop.)). *ibid.*:51.
- Eupeodes borealis* (Dus. & Las.) (f.d., = *E. punctifer* Frey). Haarto & Kerppola 2008 *Sahlbergia* 13(2):39.
- Parasyrphus relictus* (Zett.) (f.d.). *ibid.*:39.
- Paragus majoranae* Rond. (f.d., = *P. pecchiolii* Rond.). *ibid.*:39.
- Pipiza notata* Meig. (spec. dub.). Haarto & Kerppola 2007:452.
- Cheilosia pallipes* Loew (f.d., = *C. flavissima* Beck.). Haarto & Kerppola 2007:615. Haarto & Kerppola 2008:39.
- Pipunculus spinipes* Meig. (= *P. campestris* Latr.). Kehlmaier 2008 *Zootaxa* 1672:6.
- Claraeola halterata* (Meig.) (f.d.). Kehlmaier & Ståhls 2008 *Sahlbergia* 13(2):66.
- Clistoabdominalis trochanteratus* (Beck.) (f.d., = *Eudorylas fuscipes* (Zett.)). *ibid.*:66.
- Dasydorylas roseri* (Beck.) (f.d., = *Eudorylas fuscipes* (Zett.)). *ibid.*:66.
- Eudorylas pannonicus* (Beck.) (f.d., = *E. restrictus* Coe). *ibid.*:66.
- Thecophora atra* (F.) (f.d.). Kahanpää 2007 *EF18*:172.
- *melanopa* Rond. (f.d., = *T. distincta* Wied.). *ibid.*:170.
- Meliera obscuripes* (Loew) (f.d., = *M. omissa* (Meig.)). Winqvist & Kahanpää 2007:25.
- Campiglossa irrorata* (Fall.) Recorded outside Finland. Söderman *et al.* 2007 *Sahlbergia* 12:10.
- *tesselata* (Loew) (f.d., = *C. difficilis* (Hend.)). *ibid.*:10.
- Dioxya sororcula* (Wied.) Dubious record. *ibid.*:11.
- Tephritis dioscurea* (Loew) (f.d., = *T. rydeni* (Her.)). *ibid.*:7.
- *nigricauda* (Loew) Dubious record. *ibid.*:7.
- Orygma luctuosum* Meig. Recorded outside Finland. Winqvist & Kahanpää 2007:26.
- Prochyliza lundbecki* (Duda) (f.d., = *P. varipes* (Meig.)). *ibid.*:24.
- Allopiophila dudai* (Frey). Recorded outside Finland. *ibid.*:24.
- Chaetolonchaea dasyops* (Meig.) (f.d., = *C. pallipennis* (Zett.)). *ibid.*:22.
- Lonchaea alni* Ringd. (= *L. corusca* Czerny). *ibid.*:28.
- *britteni* Coll. (= *L. corusca* Czerny). *ibid.*:28.
- *bruggeri* Morge Dubious record. *ibid.*:22.
- *contigua* Coll. Dubious record. *ibid.*:23.
- *difficilis* Hackm. Dubious record. *ibid.*:23.
- *flavidipennis* Zett. (f.d., = *L. limatula* Coll.) *ibid.*:28.
- *hirticeps* Zett. (f.d.). *ibid.*:23.
- *sarekensis* Frey (= *L. deutschii* Zett.) *ibid.*:28.

Species reported and later deleted

- Keroplatus tuvensis* Zaitz. *Ok*: Kuhmo. Polevoi *et al.* 2006 EF 17:164; = *K. testaceus* (Dahlm.) Kjærandsen *et al.* 2007 Ins. Syst. Evol. Suppl. 65:20.
- Rhaphium auctum* Loew *Al*: Jomala (R. Storå); *Om*: Jakobstad (R. Frey). Kahanpää & Grichanov 2006 EF 17:76; f.d., = *R. monotrichum* Loew, Kahanpää 2006 Dipterol. Res. 17:123.
- Syntormon aulicus* (Meig.) *Ab*: Karislojo (W. Hellén); *N*: Esbo (W. Hellén). Kahanpää & Grichanov 2006:76; f.d., = *S. tarsatus* Meig., Kahanpää 2006:123.
- Dolichopus albifrons* Loew *Ab*: Korpo Jurmo (M. Meinander). Kahanpää & Grichanov 2006 EF 17:75; f.d., = *D. caligatus* Wahlb., Kahanpää 2006:123.
- Medetera micacea* Loew *N*: Helsingfors (W. Hellén); *Ta*: Valkeala (R. Frey). Kahanpää & Grichanov 2006:76; f.d., Kahanpää 2006:123.

Additions

- Dolichopeza nitida* Mik *Lk*: Sodankylä, *Li*: Utsjoki. Salmela 2008 w-album 6:12, 29.
- Prionocera abscondita* Lacksch. *Le*: Malla, *Li*: Utsjoki. *ibid.*:12, 29.
- *woodorum* Brodo *Li*: Utsjoki. *ibid.*:12
- Tipula laetibasis* Alex. *Tb*: Petäjavesi (K. Kulmala), *Lk*: Kolari (J. Jakovlev & J. Penttinen). Salmela *et al.* 2007a Sahlbergia 12:33.
- *octomaculata* Savch. *Ks*: Taivalkoski. Salmela & Autio 2007b Zootaxa 1527:53.
- *invenusta* Ried. *Lk, Le, Li*. Salmela 2008:12.
- *luna* Westh. *Al*: Jomala. Autio & Salmela 2010 Memoranda Soc. Fauna Flora Fenn. 86:49.
- *jutlandica* Niels. *Kl*: Parikkala (J. Mattila). Salmela 2009 Zoosymposia 3:254.
- *pabulina* Meig. *N*. *ibid.*:253.
- *stenostyla* Savch. *Ta, Sb*. *ibid.*:257.
- *chonsamiana* Alex. (sp. dist.) *Oa, Ob, Ks*. Salmela & Autio 2009 EF 20:52.
- Cylindrotoma borealis* Peus (sp. dist.) *Ab, Ta, Oa, Tb*. Salmela & Autio 2007a Dipterol. Res. 18:49.
- Paradelphomyia nigrina* (Lacksch.) *Le*: Enontekiö. Salmela 2008:10.
- Neolimnomyia batava* (Edw.) *Ab*: Karkkila, *Ta*: Tampere. Salmela *et al.* 2007b Memoranda Soc. Fauna Flora Fenn. 83:45. Salmela 2010 Diamina 19:12.
- Symplecta chosenensis* (Alex.) *N*: Mäntsälä. Kahanpää & Salmela 2007 Sahlbergia 12:45.
- Molophilus pullus* Lacksch. *N*: Nurmijärvi. *ibid.*:39, 45.
- Ormosia loxia* Starý *N*: Nurmijärvi. *ibid.*:40, 45.

- Tasiocera exigua* Savch. *Ab, N, Ta*. Salmela *et al.* 2007b:45.
- Gnophomyia viridipennis* (Gimm.) *Al*: [Lemland & Föglö]. Hancock 2008 Sahlbergia 14:14.
- Heliu longirostris* (Meig.) *Ta*: Ruovesi. Salmela *et al.* 2007b:46.
- Dicranomyia aperta* Wahlgr. *Lk*: Kittilä. Salmela 2008:10.
- *moniliformis* Doane *Lk*: Kittilä. *ibid.*:10, 29.
- *omissinervis* Meij. *Lk*: Kittilä. *ibid.*:10.
- *lulensis* (Tjed.) *Le*: Enontekiö. *ibid.*:10.
- **Metalimnobia charlesi* Salm. & St. *Ta, Sa, Tb, Sb*. Salmela & Starý 2009 EF19:269. Salmela 2010:12.
- *tenua* Savch. & Kriv. *Ta*: Ruovesi. Salmela *et al.* 2007b:46.
- Tinearia lativentris* (Berd.) *Ab*: Kiikala, *Ta*: Tampere. Salmela *et al.* 2007b.:39, 47. Salmela 2010:13.
- Pneumia pilularia* (Tonn.) *Le*: Saana, *Li*: Utsjoki. Salmela 2008:13.
- Psychodocha itoco* (Tog. & Kom.) *Ta*: Ruovesi. *Tb*: Viitasaari. Salmela *et al.* 2007b:47. Salmela & Autio 2007b:54.
- Psychoda grisescens* Tonn. *Ta*: Tampere, *Li*: Utsjoki. Salmela 2008:13. Salmela 2010:13.
- Katamormia strobli* Jez. *Tb*: Jyväskylä. Salmela & Halme 2007 Diamina 16:6.
- Peripsychoda auriculata* (Curt.) *Ab*: Karkkila, *N*: Nurmijärvi. Salmela *et al.* 2007b:47.
- Trichopsychoda hirtella* (Tonn.) *Tb*: Jyväskylä. Salmela & Halme 2007:6.
- Lepiseodina rothschildii* (Eat.) *Ta*: Tampere. Salmela 2010:9, 13.
- Dixella nigra* (Staeg.) *Ta*: Loppi. Salmela *et al.* 2007b:39, 47.
- *laeta* (Loew) *Lk, Le, Li*. Salmela 2008:13.
- Trichotanypus mariae* Wirth & Subl. *Li*: Paasivirta 2009:1.
- Procladius crassinervis* (Zett.) *Al-Li*. *ibid.*:2.
- *fuscus* Brund. *Oa, Kb, Ob, Li*. *ibid.*:2.
- *suecicus* Brund. *Ta, Om, Li*. *ibid.*:2.
- *rufovittatus* v.d. Wulp *Al-Li*. *ibid.*:2.
- Natarsia nugax* (Walk.) *Ab*. *ibid.*:2.
- Conchapelopia aagaardi* Murr. *Ks, Le, Li*. *ibid.*:1.
- *hittmairorum* Mich. & Sp. *Ab-Li*. *ibid.*:1.
- Hayesomyia tripunctata* (Goetgh.) *Ka, Ta, Sa, Kl*. *ibid.*:1.
- Krenopelopia nigropunctata* (Staeg.) *Ab-Ta*. *ibid.*:1.
- Larsia atrocincta* (Goetgh.) *N-Lk*. *ibid.*:1.
- Pentaneurella katterjokki* Fittk. & Murr. *Ob-Li*. *ibid.*:2.
- Rheopelopia maculipennis* (Zett.) *N-Li*. *ibid.*:2.
- Telopelopia fascigera* Vern. *N, Ka, Ta*. *ibid.*:2.
- Thienemannimyia laeta* (Meig.) *Ka, Tb*. *ibid.*:2.
- *vitellina* (Kieff.) *Oa, Ob*. *ibid.*:2.
- Xenopelopia falcigera* (Kieff.) *Ta*. *ibid.*:2.

- Diamesa hyperborea* Holmgr. *Le, Li*. *ibid.*:3.
 - *insignipes* Kieff. *Om-Li*. *ibid.*:3.
Pseudodiamesa arctica (Mall.) *Ta, Ob, Le, Li*. *ibid.*:3.
Sympotthastia fulva (Joh.) *Li*. *ibid.*:3.
Telmatogeton japonicus Tokun. *N: Pyttis, Ka: Haapassari, Rautio, Paasivirta & Brodin 2009 Aquatic Invas.* 4:406.
Odontomesa fulva (Kieff.) *Ab-Ok*. Paasivirta 2009:3.
Aagardia protensa Saeth. *Ab-Li*. *ibid.*:3.
Abiskomyia paravirgo Goetgh. *Tb-Li*. *ibid.*:3.
Bryophaenocladus inconstans (Brund.) *Ab-Li*. *ibid.*:4.
 - *laticaudus* Saeth. *Ab, Tb, Li*. *ibid.*:4.
 - *musciicola* Kieff. *Ab, N*. *ibid.*:4.
 - *nigrus* Albu *Ab*. *ibid.*:4.
 - *subparallelus* (Mall.) *St, Lk, Li*. *ibid.*:4.
 - *vernalis* (Goetgh.) *Sb*. *ibid.*:4.
Cardiocladius fuscus Kieff. *Ab-Sb*. *ibid.*:4.
Chaetocladius binotatus (Lundstr.) *Le, Li*. *ibid.*:4.
 - *dissipatus* (Edw.) *N-Le*. *ibid.*:5.
 - *grandilobus* Brund. *Al-Li*. *ibid.*:5.
 - *melaleucus* (Meig.) *N-Li*. *ibid.*:5.
Corynoneura celtica Edw. *Ka-Li*. *ibid.*:5.
Cricotopus fuscus (Kieff.) *Ab-Li*. *ibid.*:5.
 - *pallidipes* Edw. *Ks-Li*. *ibid.*:6.
 - *lygropis* Edw. *Tb, Ks*. *ibid.*:6.
Dratnalia potamophylaxi (Fittk. & Lell.) *Ok*. *ibid.*:6.
Eukiefferiella clypeata (Kieff.) *Ab, N, Kl*. *ibid.*:7.
 - *dittmari* Lehm. *Ab-Ks*. *ibid.*:7.
 - *gracei* (Edw.) *St, Tb, Ob*. *ibid.*:7.
 - *minor* (Edw.) *Ok-Li*. *ibid.*:7.
Eurycnemus crassipes (Panz.) *Ob*. *ibid.*:7.
Heleniella serratosioi Ringe *Ab-Ks*. *ibid.*:7.
Heterotrissocladus brundini Saeth. & Schn. *Le, Li*. *ibid.*:7.
Hydrobaenus fusistylus (Goetgh.) *Ks, Le*. *ibid.*:7.
 - *lapponicus* Brund. *Le*. *ibid.*:7.
Krenosmittia boreoalpina (Goetgh.) *Ab-Li*. *ibid.*:7.
 - *camptophleps* (Edw.) *Le*. *ibid.*:7.
Limmophyes aagaardi Saeth. *Lk*. *ibid.*:7.
 - *angelicae* Saeth. *Ob*. *ibid.*:7.
 - *bidumus* Saeth. *Ob-Li*. *ibid.*:7.
 - *brachytomus* (Kieff.) *Ok-Li*. *ibid.*:8.
 - *edwardsi* Saeth. *Ab-Li*. *ibid.*:8.
 - *margaretae* Saeth. *Le*. *ibid.*:8.
 - *ninae* Saeth. *Ab-Li*. *ibid.*:8.
 - *pentaplastus* (Kieff.) *Ab-Ks*. *ibid.*:8.
 - *schnelli* Saeth. *Le*. *ibid.*:8.
 - *spinigus* Saeth. *Ab-Li*. *ibid.*:8.
 - *torulus* Saeth. *Le, Li*. *ibid.*:8.
Metriocnemus acutus Saeth. *Kb-Li*. *ibid.*:8.
 - *beringiensis* (Cranst. & Ol.) *Al-Li*. *ibid.*:8.
 - *caudigus* Saeth. *Ab-Li*. *ibid.*:8.
 - *eurynotus* (Holmgr.) *Ab-Li*. *ibid.*:8.
 - *exilacies* Saeth. *Ab-Li*. *ibid.*:8.
 - *intergerivus* Saeth. *Tb*. *ibid.*:8.
Nanocladius parvulus (Kieff.) *N-Li*. *ibid.*:8.
Orthocladius fuscimanus Kieff. *Ka, Le*. *ibid.*:8.
 - *geliforum* (Kieff.) *Ta-Li*. *ibid.*:8.
 - *gelidus* Kieff. *Tb, Le, Li*. *ibid.*:8.
 - *musester* Saeth. *Ab-Lk*. *ibid.*:8.
 - *abiskoensis* Thien. & Kr. *Ab*. *ibid.*:8.
 - *ashei* Sopen. *Ka, Ta, Sa*. *ibid.*:9.
 - *rivicola* Kieff. *Tb-Li*. *ibid.*:9.
 - *rivulorum* Kieff. *Ta, Sa, Le, Li*. *ibid.*:9.
 - *saxosus* Tokun. *Ks, Lk, Li*. *ibid.*:9.
 - *lapponicus* Goetgh. *Ob, Lk, Le, Li*. *ibid.*:9.
 - *pedestris* Kieff. *Sa-Li*. *ibid.*:9.
 - *rhyacobius* Kieff. *Ab-Li*. *ibid.*:9.
 - *ruffoi* Ross. & Pr. *Ab*. *ibid.*:9.
 - *wetterensis* Brund. *St-Le*. *ibid.*:9.
 - *holsatus* Goetgh. *Sa-Le*. *ibid.*:9.
 - *schnelli* Saeth. *Ab-Li*. *ibid.*:9.
 - *smolandicus* Brund. *Ab-Lk*. *ibid.*:9.
Parachaetocladius abnobaevus (Wulk.) *Ab-Kb*. *ibid.*:9.
Paracricotopus niger (Kieff.) *Ab, Ka, Om, Ok*. *ibid.*:9.
Parakiefferiella finnmarmica Tuisk. *Kb-Li*. *ibid.*:9.
 - *subaterrima* (Mall.) *Ka, Oa, Ob, Lk*. *ibid.*:10.
Paraphaenocladus exagitans (Joh.) *Ab-Li*. *ibid.*:10.
 - *intercedens* Brund. *Ta-Li*. *ibid.*:10.
 - *pseudirritus* Stren. *Ab-Li*. *ibid.*:10.
 - *triangulus* Saeth. & Wang *Ob*. *ibid.*:10.
Parasmittia carinata Stren. *Al-Sb*. *ibid.*:10.
Paratrissocladus excerptus (Walk.) *Ab, Ok*. *ibid.*:10.
Propiloscerus saetheri Wang, Liu & Paas. *Ab-Li*. *ibid.*:10.
Psectrocladius conjungens (Brund.) *Al-Li*. *ibid.*:10.
 - *oligosetus* Wulk. *N-Li*. *ibid.*:10.
 - *oxyura* Langt. *Al-Li*. *ibid.*:10.
 - *schlienzi* Wulk. *N-Li*. *ibid.*:10.
Pseudorthocladius filiformis Kieff. *Al-Li*. *ibid.*:10.
Pseudosmittia albipennis (Goetgh.) *Al, Ab*. *ibid.*:10.
 - *angusta* (Edw.) *Ab-Li*. *ibid.*:11.
 - *danconai* (Marc.) *N, Oa, Ok, Ob*. *ibid.*:11.
 - *gracilis* (Goetgh.) *Ka-Li*. *ibid.*:11.
 - *mathildae* Albu *Tb-Li*. *ibid.*:11.
 - *obtusa* Stren. *Ab-Li*. *ibid.*:11.
Rheocricotopus atripes Kieff. *Ab-Lk*. *ibid.*:11.
 - *glabricollis* (Meig.) *Kb*. *ibid.*:11.
 - *reducus* Saeth. & Schn. *Tb-Li*. *ibid.*:11.
Rheosmittia languida (Brund.) *Ob, Li*. *ibid.*:11.
Smittia edwardsi Goetgh. *Al-Li*. *ibid.*:11.
 - *foliacea* (Kieff.) *Al*. *ibid.*:11.
 - *nudipennis* (Goetgh.) *Al-Li*. *ibid.*:11.
 - *scutellosetosa* Casp. *Ab, Sa*. *ibid.*:11.
 - *stercoraria* Ross. *Ab-Li*. *ibid.*:11.
Stackelbergina praeclara Shil. & Zel. *Kb, Ks*. *ibid.*:11.
 **Tavastia yggdrasilia* Brod. *et al. N, Ka, St, Ta, Sa, Kl, Kb*. Brodin, Lundström & Paasivirta 2008 *Aquatic Ins.* 30:262.

- Thienemannia gracilis* Kieff. *Ab-Ks.* Paasivirta 2009:11.
- Thienemanniella acuticornis* (Kieff.) *Ab-Li.* *ibid.*:12.
- *minuscula* (Brund.) *Al-Li.* *ibid.*:12.
- *obscura* Brund. *Ab, Ks, Lk, Li.* *ibid.*:12.
- Tokunagaia excellens* (Brund.) *Li.* *ibid.*:12.
- *scutellata* (Brund.) *Le, Li.* *ibid.*:12.
- *tonollii* (Ross.) *Ok-Li.* *ibid.*:12.
- Vivacricotopus ablusus* Schn. & Saeth. *Ks, Le.* *ibid.*:12.
- Chironomus islandicus* (Kieff.) *Oa, Lk, Li.* *ibid.*:13.
- *salinarius* Kieff. *Ab.* *ibid.*:13.
- *carbonarius* Meig. *Ab, N, Ta.* *ibid.*:13.
- Cladopelma goetghebuerei* Spies *Sb.* *ibid.*:14.
- Cryptochironomus denticulatus* Goetgh. *Ks.* *ibid.*:14.
- *obreptans* (Walk.) *Ab, Ta, Oa, Ob.* *ibid.*:14.
- Cryptotendipes darbyi* (Subl.) *Om, Ob.* *ibid.*:14.
- *pseudotener* (Goetgh.) *N.* *ibid.*:14.
- Demicryptochironomus neglectus* Reiss *Ka, Ta.* *ibid.*:14.
- Dicrotendipes notatus* (Meig.) *Ab, N, Ka.* *ibid.*:14.
- Glyptotendipes glaucus* (Meig.) *Ab-Oa.* *ibid.*:14.
- *viridis* (Macq.) *Ab, N, Ka.* *ibid.*:14.
- Harnischia fuscimana* Kieff. *N-Lk.* *ibid.*:15.
- Kiefferulus tendipediformis* (Goetgh.) *Al-Sb.* *ibid.*:15.
- Kloosia pusilla* (L.) *Ab, Kb.* *ibid.*:15.
- Lipiniella prima* Shil. *et al. Ta.* *ibid.*:15.
- Microtendipes rydalenensis* (Edw.) *Ab-Kb.* *ibid.*:15.
- Parachironomus siljanensis* Brund. *Al-Li.* *ibid.*:15.
- *varus* (Goetgh.) *Al-Li.* *ibid.*:15.
- Paracladopelma undine* (Town.) *Ta, Ok, Ob, Ks, Le.* *ibid.*:15.
- Polypedilum acutum* Kieff. *Ab-Lk.* *ibid.*:16.
- *trigonus* Town. *Al-Lk.* *ibid.*:16.
- *aegyptium* Kieff. *Ks.* *ibid.*:16.
- *quadriguttatum* Kieff. *Ob, Lk.* *ibid.*:16.
- Sergentia baueri* Wulk, *et al. Ab-Ks.* *ibid.*:16.
- Stictochironomus maculipennis* (Meig.) *Ka, St, Sb, Ob, Lk.* *ibid.*:16.
- Cladotanytarsus cyrylae* Gilka *Kl.* *ibid.*:17.
- *gedanicus* Gilka *N, St, Oa, Ob, Li.* *ibid.*:17.
- *matthei* Gilka *Lk, Li.* *ibid.*:17.
- Micropsectra attenuata* Reiss *Ab-Kb.* *ibid.*:17.
- *calcifontis* Stur & Ekr. *Lk, Le, Li.* *ibid.*:17.
- *lacustris* Säw. *Ok-Li.* *ibid.*:17.
- *notescens* (Walk.) *Al-Li.* *ibid.*:17.
- *rilensis* Gilka *Ab, N, St, Lk.* *ibid.*:17.
- *schranelae* Stur & Ekr. *Lk, Le, Li.* *ibid.*:17.
- * - *appendica* St. & Ekr. *Lk:* Sodankylä Kotaoja (M. Hirvenoja). Stur & Ekrem 2006 *Zool. J. Linn. Soc.* 146:176.
- * - *klinki* St. & Ekr. *Ta:* Riihimäki (J. Tuiskunen). *ibid.*:193.
- *pallidula* (Meig.) (*bidentata* auct. nec (Goetgh.)). *ibid.*:201.
- * - *sofiae* St. & Ekr. *Ks:* Oulanka (F. Reiss). *ibid.*:209.
- * - *malla* Gilka & Paasiv. *Le, Li.* Gilka & Paasivirta 2008 *EF* 19:42.
- Neozavrelia cuneipennis* (Edw.) *St, Sa, Kb.* Paasivirta 2009:17.
- Parapsectra chionophila* (Edw.) *Ka-Li.* *ibid.*:17.
- Paratanytarsus abiskoensis* Reiss & Säw. *Li.* *ibid.*:18.
- *bituberculatus* (Edw.) *St.* *ibid.*:18.
- *dimorphis* Reiss *Ob, Lk.* *ibid.*:18.
- * - *paralaccophilus* Gilka & Paasiv. *Li:* Inari. Gilka & Paasivirta 2008:44.
- Rheotanytarsus curtistylus* (Goetgh.) *Ab-Li.* Paasivirta 2009:18
- *musciicola* Thien. *Ab-Li.* *ibid.*:18.
- *pentapoda* (Kieff.) *Ab-Li.* *ibid.*:18.
- Stempellinella flavidula* (Edw.) *Ob.* *ibid.*:18.
- *saltuum* (Goetgh.) *Ka.* *ibid.*:18.
- Tanytarsus anderseni* Reiss & Fittk. *Li.* *ibid.*:18.
- *desertor* Gilka & Paasiv. *Ab-Om.* *ibid.*:19.
- *gibbosiceps* Kieff. *Le.* *ibid.*:19.
- *heusdensis* Goetgh. *Ab-Li.* *ibid.*:19.
- *mancospinosus* Ekr. & Reiss *Ka, St, Ks.* *ibid.*:19.
- *trux* Gilka & Paasiv. *Li.* *ibid.*:19.
- * - *paraniger* Gilka & Paasiv. *Tb, Lk, Li.* Gilka & Paasivirta 2008:45.
- * - *salmelai* Gilka & Paasiv. *Lapland.* Gilka & Paasivirta 2009 *Zootaxa* 2197:32.
- Culicoides pseudoheliophilus* Call. & Kr. *Finland.* Huldén, Huldén & Lahtinen 2008 *Suom. Eläinlääk.* 114:161.
- *subfasciipennis* Kieff. *Finland.* *ibid.*:161.
- *sphagnumensis* Will. *Finland.* *ibid.*:161.
- *dewulfi* (Goetgh.) *Al:* Kastelholm (T. Lahtinen). Hildén *et al.* 2010:87.
- Bolitophila caspersi* Plassm. *Kb:* Ilomantsi; *Ok:* Kuhmo. Polevoi *et al.* 2006 *EF* 17:163.
- Pyratula perpusilla* (Edw.) *Ok:* Kuhmo. *ibid.*:164.
- Macrocera estonica* Landr. *Kb:* Ilomantsi. *ibid.*:164.
- *nigricoxa* Winn. *Kb:* Ilomantsi. *ibid.*:164.
- *pusilla* Meig. *Kb:* Ilomantsi. *ibid.*:164.
- Diadocidia fissa* Zaitz. *Kb:* Ilomantsi. *ibid.*:163.
- Manota unifurcata* Lundstr. *Ta:* Lammi. Jakovlev & Penttinen 2007 *EF* 18:214.
- Mycomya fuscata* Winn. *Ok:* Kuhmo. Polevoi *et al.* 2006:167.
- *livida* (Dziedz.) *Ta:* Lammi. Jakovlev *et al.* 2006 *Sahlbergia* 11:26.
- *norna* Väis. *St, Ta, Ok.* Polevoi *et al.* 2006:167.
- *parva* (Dziedz.) *Ab:* Karjalohja. Jakovlev *et al.* 2006:26.
- Neoempheria bimaculata* (Ros.) *Ab:* Karjalohja, *Ta:* Lammi. *ibid.*:26.
- *winnertzi* Edw. *Ok:* Sotkamo, Kuhmo. Polevoi *et al.* 2006:167

- Drepanocerus spinistylis* Söli *Ta*: Lammi. Jakovlev *et al.* 2006:26.
- Neuratelia sintenisi* Lacks. *St*: Parkano; *Kb*: Ilomantsi. Polevoi *et al.* 2006:167.
- Phthinia setosa* Zaitz. *Kb*: Ilomantsi. *ibid.*:167.
- *winnertzi* Mik *Ta*: Lammi & Padasjoki. Jakovlev *et al.* 2006:26.
- Sciophila karelica* Zaitz. *Ta*: Lammi. *ibid.*:26.
- *minuta* Zaitz. *Ta*: Lammi. *ibid.*:26.
- *modesta* Zaitz. *Kb*: Ilomantsi. Polevoi *et al.* 2006:167.
- *nonnisilva* Huts. *Kb*: Ilomantsi. *ibid.*:167.
- *persubtilis* Polev. *Kb*: Ilomantsi. *ibid.*:167.
- *plurisetosa* Edw. *N*: Tuusula. Jakovlev & Penttinen 2007:216.
- *pseudoflexuosa* Kur. *Ab*: Karjalohja. Jakovlev *et al.* 2006:26.
- *setosa* Garr. *Ta*: Lammi. *ibid.*:26.
- Boletina bidenticulata* Sas. & Kim. *Ta*: Lammi, *Ok*: Sotkamo. Zaitzev *et al.* 2006 *Stud. Dipterol.* 12:245.
- *gusakovae* Zaitz. *Ta*: Lammi, *Ok*: Kuhmo. *ibid.*:247.
- *nitida* Grzeg. *Ta*: Lammi, *Ok*: Kuhmo. *ibid.*:250.
- *cornuta* Zaitz. *Ta*: Lammi, Padasjoki. Jakovlev *et al.* 2006:27.
- *digitata* Lundstr. *Kb*: Ilomantsi; *Ob*: Uleåborg. Polevoi *et al.* 2006:164.
- *jamalesensis* Zaitz. *Ka*, *St*, *Kb*, *Ok*. *ibid.*:164.
- *kurilensis* Zaitz. *Ta*: Lammi, *Li*: Utsjoki. Jakovlev *et al.* 2006:27.
- *minuta* Polev. *Ta*: Lammi. *ibid.*:27.
- *pallidula* Edw. *Ta*, *Kb*, *Ok*. *ibid.*: Polevoi *et al.* 2006:164.
- *takagii* Sas. & Kim. *Li*: Utsjoki (R. Frey). Jakovlev *et al.* 2006:27.
- *tiroliensis* Plassm. *Ok*: Sotkamo & Kuhmo. Polevoi *et al.* 2006:164.
- *triangularis* Polev. *Ta*. Lammi. Jakovlev *et al.* 2006:27.
- * - *dispectoides* Jak. & Pent. *Ta*: Lammi, *Tb*: Keuruu. Jakovlev & Penttinen 2007:213.
- Ectrepesthoneura tori* Zaitz. & Ökl. *Kb*: Ilomantsi. Polevoi *et al.* 2006:165.
- Leia cylindrica* Winn. *Ab*: Karjalohja, *Ta*: Lammi & Padasjoki. Jakovlev *et al.* 2006:27.
- Tetragoneura sylvatica* (Curt.) *Kb*: Ilomantsi; *Ok*: Kuhmo. Polevoi *et al.* 2006:165.
- Dynatosoma silesiacum* Ševč. *Ta*: Lammi, Padasjoki. Jakovlev *et al.* 2006:33.
- Epicrypta fumigata* (Dziedz.) *Ta*: Lammi & Padasjoki. *ibid.*:33.
- *scatophora* (Perr.) *Ta*: Lammi. *ibid.*:33.
- * *Phronia avidoides* Jak. & Pol. *Ta*, *Tb*, *Kb*. Jakovlev & Polevoi 2009 EF 19:200.
- * - *fennica* Jak. & Pol. *Ta*: Lammi. *ibid.*:202.
- Mycetophila exstincta* Loew *Ta*: Lammi. Jakovlev *et al.* 2006:33.
- *gibbula* Edw. *Ta*: Padasjoki. *ibid.*:33.
- *idonea* Lašt. *Ta*: Lammi. *ibid.*:33.
- *morata* Zaitz. *Kb*: Ilomantsi; *Ok*: Kuhmo. Polevoi *et al.* 2006:166.
- *nigrofusca* Dziedz. *Ab*: Karjalohja, *Ta*: Lammi. Jakovlev *et al.* 2006:34.
- *ostentanea* Zaitz. *Kb*: Ilomantsi. Polevoi *et al.* 2006:166.
- *pecinai* Lašt. *Kb*: Ilomantsi; *Ok*: Kuhmo. *ibid.*:166.
- *ruficollis* Meig. *Ab*: Karjalohja, *Ta*: Lammi. Jakovlev *et al.* 2006:34.
- *stolida* Walk. *Ab*: Karjalohja, *Ta*: Lammi. *ibid.*:34.
- *subsigillata* Zaitz. *Ab*: Karjalohja, *Ta*: Lammi. *ibid.*:34.
- *triangularis* Lundstr. *Ta*: Lammi. *ibid.*:34.
- *unguiculata* Lundstr. *Ta*: Lammi. *ibid.*:34.
- *xanthopyga* Winn. *Ab*: Karjalohja, *Ta*: Lammi & Padasjoki. *ibid.*:34.
- Septonia demejerei* Bech. *Ta*: Lammi. *ibid.*:35.
- *hamata* Ševč. *Ta*. Lammi. *ibid.*:35.
- *longisetosa* Ševč. *Ta*: Lammi & Padasjoki. *ibid.*:35.
- *pughi* Chandl. *Ta*: Lammi. *ibid.*:35.
- *regni* Chandl. *Ta*: Lammi & Padasjoki. *ibid.*:35.
- *thaya* Ševč. *Ta*: Lammi. *ibid.*:35.
- Mycetophila forcipata* Lundstr. *Ta*: Lammi, *Tb*: Laukaa. Jakovlev & Penttinen 2007:215.
- *sumavica* (Lašt.) *Tb*: Rautalampi & Toivakka. *ibid.*:215.
- Trichonta apicalis* Strobl *Kb*: Ilomantsi. Polevoi *et al.* 2006:166.
- *eximia* Gagné *Ta*: Ruovesi; *Kb*: Ilomantsi. *ibid.*:166.
- *nigritula* Edw. *Kb*: Ilomantsi. *ibid.*:166.
- *subterminalis* Zaitz. & Menz. *Kb*: Ilomantsi. *ibid.*:166.
- *tristis* (Strobl) *Ab*, *N*, *Ta*, *Tb*. Jakovlev & Penttinen 2007:215.
- Zygomysia angusta* Plassm. *Ta*: Lammi. Jakovlev *et al.* 2006:35.
- *notata* (Stann.) *Ta*: Lammi & Padasjoki. *ibid.*:35.
- *zaitzevi* Chandl. *Ab*: Karjalohja, *Ta*: Lammi & Padasjoki. *ibid.*:36.
- Allodia angulata* Lundstr. *Kb*: Ilomantsi. Polevoi *et al.* 2006:165.
- *subpistillata* Ševč. *Ta*: Lammi. Jakovlev *et al.* 2006:27.
- Allodiopsis gracai* Ševč. & Papp *Ab*, *Ta*, *Ok*, *Ob*. *ibid.*:28.
- *pseudodomestica* (Lacks.) *Ta*: Lammi. *ibid.*:28.
- Anatella ankei* Plassm. *Ok*: Kuhmo. Polevoi *et al.* 2006:165.
- *dampfi* Landr. [as *damfi*] *Ta*: Lammi. Jakovlev *et al.* 2006:28.
- *dentata* Zaitz. *Ta*: Lammi. *ibid.*:28.

- *emergens* Casp. *Ab*: Karjalohja, *Ta*. Lammi. *ibid.*:28.
 - *unguigera* Edw. *Ta*: Lammi. *ibid.*:28.
Brachypeza obscura Winn. *Kb*: Ilomantsi; *Ok*: Kuhmo. Polevoi *et al.* 2006:165.
Brevicornu arcticoides Casp. *Ta*: Lammi. Jakovlev *et al.* 2006:28.
 - *fasciculatum* (Lacks.) *Ab*: Karjalohja, *Ta*: Padasjoki. *ibid.*:28.
 - *melanderi* Zaitz. *Ta*: Lammi. *ibid.*:29.
 - *occidentale* Zaitz. *Kb*: Ilomantsi. Polevoi *et al.* 2006:165.
 - *parafennicum* Zaitz. *Ta*: Lammi. Jakovlev *et al.* 2006:29.
Cordyla insons Lašt. & Mat. *Ab*: Karjalohja, *Ta*: Lammi & Padasjoki. *ibid.*:29.
 - *murina* Winn. *Ab*: Karjalohja, *Ta*: Lammi & Padasjoki. *ibid.*:29.
Exechia dentata Lundstr. *Ab*: Karjalohja & Vihti. *ibid.*:29.
 - *pseudofestiva* Lacks. *Ab*: Karjalohja, *Ta*: Lammi. *ibid.*:29.
 - *repandoides* Casp. *Ta*: Lammi. *ibid.*:29.
 - *similis* Lašt. & Mat. *Kb*: Ilomantsi. Polevoi *et al.* 2006:165.
 - *subfrigida* Lašt. & Mat. *Kb*: Ilomantsi; *Ok*: Kuhmo. *ibid.*:165.
 - *bicincta* Staeg. *N*: Espoo. Jakovlev & Penttinen 2007:215.
Exechiopsis aemula Plassm. *Al, Ab, N, Ka, Ta, Ok*. Jakovlev *et al.* 2006:29.
 - *dumitrescae* (Burgh.-Bal.) *Ks*: Kuusamo (R. Tuomikoski), *Li*: Inari (R. Tuomikoski). *ibid.*:30.
 - *forcipata* (Lacks.) *Ab, Ta, Kb, Ok*. *ibid.*:30.
 - *grassatura* (Plassm.) *Ab, Kb, Ks, Li*. *ibid.*:30.
 - *pseudindecisa* Lašt. & Mat. *St, Ta, Kb, Ok*. Polevoi *et al.* 2006:165.
 - *davatchii* Mat. *Ta*: Lammi. Jakovlev *et al.* 2006:31.
 - *membranacea* (Lundstr.) (sp. dist.) *Ab, Ka, Ta, Sa, Ks*. *ibid.*:31.
 - *praedita* (Plassm.) *Ok*: Sotkamo (A.V.V. Mikkola). *ibid.*:31.
 - *seducta* (Plassm.) *Ab*: Karjalohja, *Ta*: Lammi & Padasjoki. *ibid.*:31.
 - *stylata* Lašt. & Mat. *Ks*: Kuusamo (R. Tuomikoski). *ibid.*:31.
Notolopha brachycera (Zett.) *N, Ta, Lk*. *ibid.*:31.
 - *sibirica* Zaitz. & Max. *Lk*: Kittilä (R. Tuomikoski), Sodankylä (K. Keynäs). *ibid.*:32.
Pseudexechia canaliculata (Joh.) *N*: Tvärminne (K. Keynäs). *ibid.*:32.
 - *tristriata* (Stack.) *Ab, N, Ta*. *ibid.*:32.
Pseudorymosia fovea (Dziedz.) *Al, Ab, Ta, Sa*. *ibid.*:32.
Rymosia acta Dziedz. *N*: Hangö Russarö, *Ta*: Lammi. *ibid.*:32.
 - *batava* (Barendr.) *N*: Esbo (W. Hackman). *ibid.*:33.
 - *pinnata* Ostrov. *Ta*: Ruovesi. Polevoi *et al.* 2006:165.
Synplasta dulcia (Dziedz.) *Kb*: Tohmajärvi (R. Tuomikoski). Jakovlev *et al.* 2006:33.
 - *ingeniosa* (Kidd) *Ab*: Karjalohja, *Ta*: Lammi. *ibid.*:33.
Trichosia confusa Menz. & Mohr. *Ta*: Urjala. Vilkkamaa *et al.* 2007 EF 18:228.
Leptosciarella fuscipalpa (Mohr. & Mam.) *Ab*: Vihti (R. Tuomikoski); *Ta*: Urjala. Mohrig & Menzel 1997 Stud. dipterol. 4:65; Vilkkamaa *et al.* 2007:228.
 - *juniperi* (Mohr. & Bl.-Z.) *Ta*: Urjala. Vilkkamaa *et al.* 2007:228.
 - *rejecta* (Winn.) *Ta*: Urjala. *ibid.*:228.
 - *subcoarctata* Mohr. & Menz. *Ta*: Urjala. *ibid.*:228.
 - *yerburyi* (Freem.) *Ta*: Urjala. *ibid.*:228.
Schwenckfeldina pectinea Menz. & Mohr. *Al*: Saltvik (R. Frey). Menzel & Mohrig 2000 Stud. Dipterol. Suppl. 6:513.
 * *Corynoptera alneti* Hippa *et al.* *Ab-Li*. Hippa, Vilkkamaa & Heller 2010 Zootaxa 2695:25.
 * - *ninae* Hippa *et al.* *Ab, Tb, Sb, Ob*. *ibid.*:28.
 - *breviformis* Mohr. & Kriv. *Ab, N, Oa, Li*. *ibid.*:63.
 * - *plusiochaeta* Hippa *et al.* *Lk, Le, Li*. *ibid.*:75.
 - *subtetrachaeta* Komar. *Ab, Ta, Om*. *ibid.*:77.
 - *voluptuosa* Mohr. & Mam. *Ks*: Kuusamo (R. Tuomikoski). *ibid.*:85.
 - *melanochaeta* Mohr. & Menz. *Al-Ob*. *ibid.*:87.
 - *waltraudis* Mohr. & Mam. *Ks*: Kuusamo (J. Salmela). *ibid.*:91.
 * - *tumidula* Hippa *et al.* *Ab, Kl, Kb, Ks*. *ibid.*:103.
 - *marinae* Mohr. & Kriv. *Tb-Li*. *ibid.*:144.
 - *polana* Rudz. *Ab-Li*. *ibid.*:146.
 - *bipartita* Mohr. & Kriv. *Ab-Ob*. *ibid.*:150.
 - *postforcipata* Rudz. *Ta*: Urjala. Vilkkamaa *et al.* 2007:228.
Camptochaeta fallax H. & Vilkk. *Ta*: Urjala. *ibid.*:228.
 - *bournei* (Shaw) *Le*: Enontekiö. Haarto 2009 Metsähall. luonnonsuoj.j. A 185:23.
Lycoriella brevipila Tuomik. (sp. dist.). Finland. Menzel & Heller 2006 Stud. Dipterol. 13:220.
Epidapus atomarius (DeG.) *Ta*: Urjala. Vilkkamaa *et al.* 2007:228.
Phytosciara macrotricha (Leng.) *Ta*: Urjala. *ibid.*:228.
Bradysia excelsa Menz. & Mohr. *Ta*: Urjala. *ibid.*:228.
 * - *arcula* Vilkk., Salm. & H. *Ta, Tb, Ob*. *ibid.*:229.
 - *moestula* Tuomik. (sp. dist.). Heller *et al.* 2009 Sahlbergia 15:28.
Allarete nigra Mam. *Lk*: Kittilä. Jaschhof & Jaschhof 2009 Stud. dipterol., Suppl. 18:62.
Anarete iola Pritch. *St, Ob, Ks*. *ibid.*:66.
Lestremia cinerea Macq. *Al, Ab, N, St, Ta, Sa, Kl, Tb, Kb, Ok, Ob, Ks, Lk, Li*. *ibid.*:72.
 * *Catocha incisa* Jaschh. *N, St, Ta, Sa, Tb, Kb*. *ibid.*:79.

- *latipes* Halid. *St, Tb, Kb*. *ibid.*:81.
Acoenonia europaea Mam. *Kb*: Lieksa, *Ok*: Kuhmo *ibid.*:89.
Campylomyza alpina Sbke. *Al, St, Kl, Tb, Ok, Ks, Lk*. *ibid.*:92.
- *dilatata* Felt *Ta*: Tammela, *Kb*: Outokumpu. *ibid.*:93.
- *fusca* Winn. *Ks*: Kuusamo. *ibid.*:93.
* - *stegetfore* Jaschh. *St, Ta, Sa, Tb, Kb, Ok, Ks*. *ibid.*:94.
- *armata* Mam. *Ta*: Tammela, *Tb*: Saarijärvi. *ibid.*:96.
* - *insolita* Jaschh. *Tb*: Saarijärvi *ibid.*:99.
- *aemula* Mam. *St*: Ikaalinen, *Ta*: Lammi. *ibid.*:101.
* - *falcifera* Jaschh. *Ab*: Vihti, *St*: Huittinen. *ibid.*:105.
- *furva* Edw. *Kb*: Lieksa, *Ks*: Kuusamo. *ibid.*:107.
- *abbreviata* Jaschh. *Sb*: Joroinen. *ibid.*:110
- *cavitata* Mam. *Kb*: Lieksa. *ibid.*:113.
* - *inornata* Jaschh. *Kl*: Parikkala. *ibid.*:114
- *ormerodi* (Kieff.) *Ab, N, Ta, Tb, Kb*. *ibid.*:115.
- *serrata* Jaschh. *Ab, N, St, Ta, Sa, Kb, Ks*. *ibid.*:117.
* - *arcuata* Jaschh. *Kb*: Lieksa. *ibid.*:118.
* - *cingulata* Jaschh. *St, Ta, Tb, Kb, Ks, Lk*. *ibid.*:119.
- *spatulata* Mam. *Sa*: Lappeenranta. *ibid.*:122.
Excrescentia mutuata Mam. & Ber. *Ab*: Turku, *Tb*: Saarijärvi. *ibid.*:123.
* *Neurolyga acuminata* Jaschh. *St, Sa, Tb*. *ibid.*:126.
- *bilobata* (Mam. & Rozh.) *Tb*: Saarijärvi, *Kb*: Lieksa. *ibid.*:129.
- *excavata* (Yuk.) *Lk*: Kittilä. *ibid.*:131.
* - *interrupta* Jaschh. *Lk*: Kittilä. *ibid.*:132.
* - *lonsdalensis* Jaschh. *Sa*: Taipalsaari. *ibid.*:133.
- *sylvestris* (Felt.) *Sa*: Lappeenranta. *ibid.*:138.
- *verna* (Mam.) *St*: Huittinen. *ibid.*:139.
* *Peromyia abdita* Jaschh. *Ob*: Pudasjärvi. *ibid.*:143.
- *bicolor* (Edw.) *St, Ta, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:144.
- *bidentata* Ber. *Kl*: Parikkala. *ibid.*:145.
- *scutellata* Mam. *Ab, St, Tb, Kb, Lk*. *ibid.*:146.
* - *subbicolor* Jaschh. *Lk*: Kittilä. *ibid.*:147.
- *syltefordensis* Jaschh. *St, Kb, Ok*. *ibid.*:148.
- *subborealis* Jaschh. *Al, Kl*. *ibid.*:149.
- *angellifera* Jaschh. *Kl*: Parikkala. *ibid.*:150.
- *caricis* (Kieff.) *N, St, Ta, Sa, Kl, Tb, Kb, Ok, Ks, Lk*. *ibid.*:150.
- *diadema* Mam. *Ab, St, Ta, Sa, Kl, Kb*. *ibid.*:151.
- *fagiphila* Jaschh. *Kl*: Parikkala. *ibid.*:152.
- *pumila* Jaschh. *Kl*: Parikkala. *ibid.*:152.
* - *semotoides* Jaschh. *Kl*: Parikkala. *ibid.*:152.
- *cornuta* (Edw.) *Ab*: Kimito, *Ks*: Kuusamo. *ibid.*:154.
- *ramosa* (Edw.) *Lk*: Kittilä. *ibid.*:155.
* - *ramosoides* Jaschh. *St*: Ikaalinen. *ibid.*:155.
- *curta* Jaschh. *Ab, N, St, Ta, Sa, Tb, Kb*. *ibid.*:157.
- *anatina* Mam. & Ber. *Ab*: Turku. *ibid.*:157.
- *intermedia* (Kieff.) *Tb, Kb, Ok, Ob*. *ibid.*:158.
- *anisotoma* Mam. *Ta*: Tammela. *ibid.*:159.
- *boreophila* Jaschh. *Kb*: Kontiolahti. *ibid.*:161.
- *concitata* Mam. & Ber. *St, Ta, Kb*. *ibid.*:163.
- *modesta* (Felt) *Ab*: Västanfjärd, *Ok*: Kuhmo. *ibid.*:165.
- *ovalis* (Edw.) *Al*: Eckerö. *ibid.*:166.
- *perpusilla* (Winn.) *Ab, St, Ta, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:167.
- *tundrae* Jaschh. *Ks*: Kuusamo. *ibid.*:167.
- *abnormis* Mam. & Ber. *Tb, Kb, Lk*. *ibid.*:168.
- *monilis* Mam. *St, Kl, Tb, Ok, Lk*. *ibid.*:170.
* - *scirrhosa* Jaschh. *Tb, Ok, Ks*. *ibid.*:170.
- *edwardsi* Ber. *St*: Ikaalinen, *Ta*: Tammela. *ibid.*:172.
- *fungicola* (Kieff.) *St, Ta, Sa, Kl, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:172.
- *muscorum* (Kieff.) *Al, Kl, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:173.
- *palustris* (Kieff.) *Ta, Kb, Ok*. *ibid.*:174.
- *photophila* (Felt) *N, St, Ta, Kl, Kb, Ok, Ks*. *ibid.*:174.
- *truncata* Yuk. *St*: Ikaalinen, *Kb*: Lieksa. *ibid.*:175.
- *upupoides* Jaschh. *St, Ta, Tb*. *ibid.*:176.
- *apposita* Jaschh. *St, Ta, Kl, Tb, Kb, Ok*. *ibid.*:176.
- *mitrata* Jaschh. *St*: Ikaalinen. *ibid.*:178.
- *sanguinea* (Kieff.) *Ab, Ta, Ok*. *ibid.*:178.
- *albicornis* (Meig.) *Ks*: Kuusamo. *ibid.*:180.
Bryomyia bergrothi Kieff. *Al, N, St, Ta, Sa, Kl, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:184.
- *gibbosa* (Felt) *Ab, St, Ta, Sa, Kl, Tb, Kb, Ok, Ks, Li*. *ibid.*:185.
- *producta* (Felt) *N, Tb, Ks, Lk*. *ibid.*:186.
Heterogenella finitima Mam. *Ta*: Lammi, *Kl*: Parikkala. *ibid.*:189.
- *hybrida* Mam. *St, Ta, Kl, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:189.
- *linearis* Yuk. *St, Tb, Kb, Ok, Ob*. *ibid.*:190.
Skuhraviana triangulifera Mam. *Ab, St, Kl, Kb, Ok*. *ibid.*:193.
Micromya lucorum Rond. *Ab*: Vihti. *ibid.*:195.
Monardia abnormis Mam. *Ab, Kl, Tb, Kb*. *ibid.*:198.
- *armata* Jaschh. *St*: Yläne, *Ok*: Puolanka. *ibid.*:198.
- *lignivora* (Felt) *Ab*: Vihti. *ibid.*:199.
- *obsOLEta* Edw. *Al, Ab, St, Ta, Ok, Ks, Lk*. *ibid.*:201.
- *pediculata* (Mam.) *N, Sb, Ok*. *ibid.*:202.
- *stirpium* Kieff. *St, Kb, Ok*. *ibid.*:203.
- *yasumatsui* Yuk. *Kb*: Lieksa. *ibid.*:204.
- *magnifica* Mam. *St, Tb, Kb, Ks, Lk*. *ibid.*:205.
* - *relicta* Jaschh. *St*: Ikalinen, *Tb*: Saarijärvi. *ibid.*:208.
- *adentis* Jaschh. *Tb*: Saarijärvi. *ibid.*:209.
- *atra* (Meig.) *Sa, Tb, Ok, Ob, Ks, Lk, Li*. *ibid.*:210.
- *monotheca* Edw. *Ta, Sa, Tb, Ks*. *ibid.*:211.
- *radiella* Mam. *Ok, Ob, Ks*. *ibid.*:212.
- *toxicodendri* (Felt) *Ab*: Vihti. *ibid.*:213.
- *unguifera* Ber. & Mam. *Sa*: Savonlinna. *ibid.*:214.
Polyardis adela Pritch. *Sa*: Lappeenranta. *ibid.*:217.
- *bispinosa* (Mam.) *Ab, Sa, Kl, Tb, Kb*. *ibid.*:217.

- *silvalis* (Rond.) *Sa*: Lappeenranta, *Kl*: Parikkala. *ibid.*:218.
- Aprionus acutus* Edw. *Kb*: Lieksa, *Ok*: Kuhmo. *ibid.*:222.
- *subacutus* Jaschh. *St, Ta, Kb, Ks*. *ibid.*:222.
- * - *brevitegminis* Jaschh. *Lk*: Kittilä. *ibid.*:223.
- * - *latitegminis* Jaschh. *Lk*: Kittilä. *ibid.*:225.
- *longitegminis* Yuk. *Ta*: Lammi. *ibid.*:227.
- *marginatus* Mam. *Tb*: Saarijärvi, *Kb*: Lieksa. *ibid.*:227.
- *accipitris* Jaschh. *Ab*: Västanfjärd. *ibid.*:229.
- *aviarius* Mam. & Ber. *Kl, Tb, Kb, Ok*. *ibid.*:230.
- *betulae* Jaschh. *St, Ta, Kl, Tb, Kb, Ok, Ob, Lk*. *ibid.*:232.
- *bidentatus* (Kieff.) *Al*: Eckerö. *ibid.*:232.
- *bifidus* Mam. *Ab, St, Ta, Ks, Lk*. *ibid.*:233.
- *bispinosus* Edw. *Al, Kl, Kb, Ok, Ob, Ks, Lk*. *ibid.*:233.
- *carinatus* Jaschh. *Al, Ab, N, St, Ta, Sa, Kl, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:234.
- *dissectus* Mam. & Ber. *Kb, Ok, Ks*. *ibid.*:238.
- *duplicatus* Mam. *St, Ta, Kl, Tb, Kb, Ok, Lk*. *ibid.*:238.
- *flavidus* (Winn.) *Ab, St, Tb, Kb, Ok, Ks, Lk*. *ibid.*:240.
- *stylifer* Mam. *Ab, N, Ta, Tb, Kb, Ok, Ks*. *ibid.*:242.
- *brachypterus* Edw. *St, Sa, Kl, Tb, Kb, Ok, Ob, Ks, Lk, Li*. *ibid.*:243.
- *styloideus* Mam. & Ber. *St, Sa, Tb, Kb, Lk*. *ibid.*:244.
- *halteratus* (Zett.) *Ta, Sa, Kl, Ok, Lk*. *ibid.*:245.
- *piceae* Jaschh. *Kb, Ok, Ks*. *ibid.*:245.
- * - *foliosus* Jaschh. *Ob*: Pudasjärvi. *ibid.*:246.
- *insignis* Mam. *St, Ta, Tb, Kb, Ok, Lk*. *ibid.*:247.
- *longicollis* Mam. *Ta, Kl, Tb, Kb*. *ibid.*:248.
- *miki* Kieff. *St, Kb, Ok, Ks, Lk*. *ibid.*:249.
- * - *taigaensis* Jaschh. *Kb*: Lieksa, *Ob*: Puolanka. *ibid.*:249.
- *dalarnensis* Mam. *St, Tb, Kb, Ok*. *ibid.*:252.
- * - *oligodactylus* Jaschh. *St, Ta, Sa, Kb*. *ibid.*:252.
- *separatus* Mam. & Jaschh. *Ab, St, Ta, Kl, Tb, Ob, Ks*. *ibid.*:254.
- * - *fennicus* Jaschh. *Tb*: Saarijärvi, *Kb*: Lieksa. *ibid.*:254.
- *arcticus* Mam. *St, Ta, Sa, Tb, Ks, Lk*. *ibid.*:257.
- *cornutus* Ber. *St, Ta, Tb, Kb, Ok, Ks*. *ibid.*:257.
- *ensiferus* Jaschh. *Lk*: Kittilä. *ibid.*:257.
- * - *gladiator* Jaschh. *Tb, Ks, Lk*. *ibid.*:258.
- *inquisitor* Mam. *N, St, Ta, Tb, Ok, Ob, Ks, Lk*. *ibid.*:259.
- *lapponicus* Jaschh. & Mam. *Ab, N, St, Ta, Sa, Tb, Kb, Ob, Ks, Lk*. *ibid.*:260.
- * - *sievertorum* Jaschh. *Ta*: Tammela. *ibid.*:260.
- * - *victoriae* Jaschh. *Kb*: Lieksa. *ibid.*:261.
- *cardiophorus* Mam. *Al, St, Ta, Tb, Ks, Lk*. *ibid.*:263.
- *complicatus* Mam. & Ber. *N, Ta, Sa*. *ibid.*:264.
- *dispar* Mam. *Tb*: Saarijärvi, *Ok*: Kuhmo. *ibid.*:265.
- * - *hintelmannorum* Jaschh. *St*: Ikaalinen, *Kb*: Lieksa. *ibid.*:265.
- *laevis* Mohr. *Al, Ta, Sa, Tb*. *ibid.*:268.
- * - *reduncus* Jaschh. *Kb*: Lieksa. *ibid.*:268.
- *spiniferus* Mam. & Ber. *St, Kb, Ok, Ks, Lk*. *ibid.*:271.
- * - *stiktos* Jaschh. *Lk*: Kittilä. *ibid.*:271.
- *tiliamcorticis* Mam. *Ab, N, St, Tb, Kb, Ok, Lk*. *ibid.*:273.
- * - *adventitius* Jaschh. *St, Ta, Tb, Kb, Ok, Lk*. *ibid.*:275.
- * - *aquilonius* Jaschh. *Tb, Kb, Ok*. *ibid.*:277.
- * - *heothinos* Jaschh. *Kb*: Lieksa, *Ok*: Kuhmo. *ibid.*:279.
- *similis* Mam. *St, Ta, Tb, Kb, Ks, Lk*. *ibid.*:281.
- *spiniger* (Kieff.) *N, St, Ta, Sa, Kl, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:282.
- *corniculatus* Mam. *Ab, St, Tb, Kb, Ok, Ob, Ks, Lk*. *ibid.*:283.
- *dentifer* Mam. *St, Sa, Tb, Sb, Kb, Lk*. *ibid.*:283.
- *laricis* Mam. & Jaschh. *Kb*: Lieksa. *ibid.*:284.
- * - *praecipuus* Jaschh. *St*: Ikaalinen, *Ok*: Kuhmo. *ibid.*:285.
- *pyxidiifer* Mam. *Kl, Tb, Kb, Ok, Lk*. *ibid.*:287.
- *svecicus* Jaschh. *Ta, Kb, Ok, Ob, Ks, Lk*. *ibid.*:288.
- Holoneurus paneliusti* Yuk. *Le*: Kilpisjärvi (J. Jakovlev & J. Penttinen). Penttinen & Spungis 2007 *Sahlbergia* 12:39.
- Schistoneurus irregularis* Mam. *Kb*: Kontiolahti (M. Jaschhof), *Ks*: Kuusamo (M. Jaschhof). *ibid.*:39.
- Coccopsilis marginata* (Meij.) *Ab*: Turku (M. Jaschhof). *ibid.*:39.
- Parepidosis venustior* Gagné *Ok*: Sotkamo (M. Jaschhof). *ibid.*:39.
- Porricondyla globosa* Spung. *Ok*: Sotkamo, *Lk*: Kolari & Kittilä. *ibid.*:40.
- Spungisomyia media* (Spung.) *Lk*: Kolari & Kittilä. *ibid.*:40.
- Asynapta strobi* (Kieff.) *Ks*: Kuusamo, *Lk*: Kolari. *ibid.*:38.
- Camptomyia pinicola* Mam. *Tb*: Laukaa (J. Penttinen). *ibid.*:38.
- Diallactes obscuripes* Spung. *Tb*: Keuruu (J. Penttinen). *ibid.*:38.
- Dicerura furculata* Mam. *Ab*: Turku (M. Jaschhof). *ibid.*:39.
- *mixta* Spung. *Ab*: Turku (M. Jaschhof). *ibid.*:39.
- Solntsevia nigripes* Mam. *Ks*: Posio (M. Jaschhof). *ibid.*:40.
- Winnertzia globifera* Mam. *Ok*: Sotkamo (M. Jaschhof). *ibid.*:40.
- *graduata* Spung. *Tb*: Saarijärvi, *Ok*: Kuhmo (M. Jaschhof). *ibid.*:40.
- *nigripennis* (Kieff.) *Ok*: Kuhmo, *Lk*: Kolari. *ibid.*:41.
- Sylvenomyia spinigera* (Spung.) *Ta*: Lammi, *Sb*: Savonranta, *Kb*: Lieksa. Penttinen & Jaschhof 2009 *Zootaxa* 2032:52.
- * - *fennica* Pent. & Jsch. *St, Ta, Tb, Kb, Ok, Ob, Lk*. *ibid.*:52.

- Sciapus albifrons* (Meig.) *Kl*: Parikkala (W. Hellén). Kahanpää & Grichanov 2006 EF 17:76.
- *basilicus* Meuff. & Gr. *N*: Tvärminne (A. Wegelius). *ibid.*:76.
- *zonatulus* (Zett.) *N*: Tvärminne, Lappvik & Porvoo. *ibid.*:76.
- Rhaphium albifrons* Zett. *Le*: Kilpisjärvi (J. Kahanpää). *ibid.*:76.
- *fissum* Loew *Ab, Sb, Ok, Ob*. Kahanpää 2006 Diptero-*l. Res.* 17:122.
- Chrysotimus molliculus* (Fall.) *N*: Helsinki; *Sa*: Ristiina. Kahanpää & Grichanov 2006:74.
- Achalcus vaillantii* Brunh. *N, Om*. *ibid.*:74.
- Peodes petsamoensis* Frey *Li*: Utsjoki. Kahanpää 2006:122.
- Syntormon freymuthae* Loew *Ab, N, St, Ta, Sa, Tb*. *ibid.*:123.
- Teuchophorus monacanthus* Loew *N*: Mäntsälä. Kahanpää & Salmela 2007 Sahlbergia 12:46.
- Telmaturgus tumidulus* (Radd.) *N*: Kyrkslätt; *Ta*: Hattula. Kahanpää & Grichanov 2006:77.
- Lamprochromus strobli* Par. *N, Ka, Sb*. *ibid.*:76.
- Argyra ilonae* Goss. *Al, Ab, N, Sa*. *ibid.*:74.
- *setimana* Loew *Ab, Ka, Sb*. *ibid.*:74.
- Diaphorus hoffmannseggi* Meig. *Ab*: Lojo (W. Hellén). *ibid.*:75.
- Chrysotus angulicornis* Kow. *Ab*: Vichtis (R. Frey); *N*: Hangö (R. Frey). *ibid.*:74.
- Tachytrechus hamatus* Loew *Ta*: Hattula (J. Kahanpää). *ibid.*:76.
- **Nemotelus infortunatus* Kahanp. *Sb, Kb*. Kahanpää 2010 Zootaxa 2401:30.
- Hercostomus nigriplantis* (Stann.) *N*: Hanko. Kahanpää 2006:122.
- Dolichopus apicalis* Zett. *N, Sa*. Kahanpää & Grichanov 2006:75.
- *calinotus* Loew *N*: Helsinki (J. Kahanpää). *ibid.*:75.
- *cinctipes* Wahlb. *Lk*: Muonio (R. Frey). *ibid.*:75.
- *clavipes* Hal. *St*: Eura (R. Storå). *ibid.*:75.
- *hilaris* Loew *N*: Helsinki. Kahanpää 2006:122.
- *latilimbatus* Macq. *N*: Helsinki (J. Kahanpää). Kahanpää & Grichanov 2006:75.
- *signifer* Hal. *Ab*: Korpo Jurmo (M. Meinander). *ibid.*:75.
- *subpennatus* d'Ass. *Ab, N, Ta, Sa*. *ibid.*:75.
- Sybistroma obscurellum* (Fall.) *N*: Inkoo & Espoo. Kahanpää 2006:123.
- Systemus scholtzii* (Loew) *Al*: Lemland (D. Rotheray). Kahanpää & Grichanov 2006:76.
- [*Medetera truncorum* Meig.] *Ab*: Turku (V. Rinne). Kahanpää 2006:124.
- Thrypticus intercedens* Negr. *Al, Ab, N, Ka, Sa, Om*. Kahanpää & Grichanov 2006:77.
- *nigricauda* Wood *Ab*: Karislojo (R. Frey). *ibid.*:77.
- *tarsalis* Par. *Ab, N, Oa*. Kahanpää 2006:123.
- **Megaselia excorticata* Disn. *Ok*: Sotkamo & Puolanka. Disney 2010 EF 20:258.
- *longifurca* (Lundb.) *Ok*: Kuhmo & Sotkamo. *ibid.*:261.
- *robertsoni* Disn. *Ok*: Sotkamo. *ibid.*:262.
- *setulipalpis* Schm. *Ok*: Kuhmo. *ibid.*:262.
- *- *tignorum* Disn. *Ok*: Kuhmo & Puolanka. *ibid.*:263.
- Agathomyia vernalis* Shat. *Ta*: Hartola. Ståhls & Kahanpää 2006 Sahlbergia 11:2
- *unicolor* Oldenb. *Ta*: Hartola. *ibid.*:3.
- *lundbecki* Chandl. *Ab*: Karjalohja. *ibid.*:3.
- *wankowiczii* (Schnabl) *N*: Helsinki, *Ta*. Lammi. *ibid.*:3.
- *zetterstedti* (Wahlb.) *Ab*: Karjalohja. *ibid.*:3.
- Platypeza consobrina* Zett. *Ta*: Hämeenlinna. *ibid.*:4.
- *hirticeps* Verr. *Ta*: Lammi & Hämeenlinna. *ibid.*:4.
- Epistrophe olgae* Mut. *Ab, N, Ta, Sa, Kl, Tb, Sb, Kb, Om, Ks*. Haarto & Kerppola 2007:620. Haarto & Kerppola 2008 Sahlbergia 13(2):36.
- Eupeodes biciki* Niels. *Le*: Kilpisjärvi (R. Frey). Haarto & Kerppola 2007:172. Haarto & Kerppola 2008:36.
- *duseki* Maz., Lás. & Bič. *Le*: Kilpisjärvi, *Li*: Utsjoki. Haarto & Kerppola 2007:175. Haarto & Kerppola 2008:36.
- *goeldlini* Maz., Lás. & Bič. *Ab, N, Ta, Om, Ob, Li*. Haarto & Kerppola 2007:620. Haarto & Kerppola 2008:36.
- *tiroloensis* (Duš. & Lás.) *Le*: Kilpisjärvi (A. Haarto). Haarto & Kerppola 2007:180. Haarto & Kerppola 2008:36.
- Sphaerophoria kaa* Viol. *Ks*: Salla, *Lk*: Muonio, *Le*: Enontekiö. Haarto & Kerppola 2007:229. Haarto & Kerppola 2008:37.
- *pallidula* Mutin *Kb*: Ilomantsi (P. Bagge & I. Kakko). Haarto & Kerppola 2009 w-album 7:7.
- Xanthogramma stackelbergi* Viol. *Al, Ab, N, Ta, Sb*. Haarto & Kerppola 2008:37.
- Sphiximorpha subsessilis* (Ill.) *Ab, N, Ta*. Haarto & Kerppola 2007:251. Haarto & Kerppola 2008:37.
- Platycheirus magadanensis* Mut. *Lk*: Muonio (R. Frey), *Le*: Kilpisjärvi (A. Nordman). Haarto & Kerppola 2007:100. Haarto & Kerppola 2008:35.
- *aurolateralis* Stubbs *Ab, Ta, Sa, Li*. Haarto & Kerppola 2007:89. Haarto & Kerppola 2008:34.
- *urakawensis* (Mats.) *Le*: Enontekiö. Haarto & Kerppola 2008:35. Haarto 2009 Metsähall. Luonnons.julk. A 185:23.
- *brunnifrons* Niels. *Ab*: Uskela (E.J.Bonsdorff), *N*: Helsinki (O. Ranin). Haarto & Kerppola 2008:34.
- *goeldlini* Niels. *N*: Helsingfors (H. Ingelius), *Ta*: Messuby (R. Frey). Haarto & Kerppola 2007:93. Haarto & Kerppola 2008:35.
- Paragus pecchiolii* Rond. (*majoranae* auct.). Finland. Haarto & Kerppola 2008:36.

- Heringia larusi* Vuj. *Ab, N, Ta, Sa, Kl, Sb, Om, Ok, Ob, Ks, Le*. Haarto & Kerppola 2007:630. Haarto & Kerppola 2008:38.
- *latitarsis* (Egg.) *N*: Helsinki. Haarto & Kerppola 2009:10.
 - Pipiza accola* Viol. *N, Ta*. Haarto & Kerppola 2007:630. Haarto & Kerppola 2008:38.
 - Cryptopipiza notabila* Violov. *N, Ka, St, Ks*. Ståhls & Vujić 2009 Sahlbergia 15(2):1.
 - Cheiloxia flavissima* Beck. (*pallipes* auct.) *N, Oa, Tb, Sb, Ob, Lk*. Haarto & Kerppola 2007:624. Haarto & Kerppola 2008:38.
 - * - *naruska* Haarto & Kerp. *Ob, Ks, Lk, Li*. Haarto, Kerppola & Ståhls 2007 Volucella 8:63. Haarto & Kerppola 2008:37.
 - *reniformis* Hell. *N*: Helsinki. Haarto & Kerppola 2007:282. Haarto & Kerppola 2008:38.
 - *vulpina* (Meig.) *N, Ta, Sa, Kb*. Haarto & Kerppola 2007:275. Haarto & Kerppola 2008:38.
 - Brachyopa vittata* (Zett.) *Sa*: Joutseno (S. Kerppola). Haarto & Kerppola 2007:320. Haarto & Kerppola 2008:38.
 - *zhelochovtsevi* Mutin *Kb*: Ilomantsi (I. Kakko), *Le*: Enontekiö (R. Frey). Haarto & Kerppola 2009:4.
 - Melanogaster parumplicata* (Loew) *Al*: Jomala (H. Bartsch), *Ab*: Karjaa (A. Haarto). *ibid.*:9.
 - Xylota xanthocnema* Coll. *Sa*: Joutseno (van Steenis & van Zuijen). Haarto & Kerppola 2008:39.
 - Chalarus argenteus* Coe *Ab*: Turku (K. Winqvist). Kehlmaier & Ståhls 2008 Sahlbergia 13(2):46.
 - * - *immanis* Kehl. *Ab*: Karjalohja (Kehlmaier & Ståhls). Kehlmaier 2008b Zootaxa 1936:7.
 - Jassidophaga beatricis* (Coe) *Ab, Ka, Ta, Sa, Kl*. Kehlmaier & Ståhls 2008:47.
 - Pipunculus calceatus* Ros. *N*: Sibbo (A. Albrecht), *Ok*: Hyrynsalmi (J. Kahanpää). Kehlmaier 2008a Zootaxa 1672:5. Kehlmaier & Ståhls 2008:54.
 - *dimi* Kuzn. *N*: Sibbo & Borgå (A. Albrecht). Kehlmaier 2008a:13. Kehlmaier & Ståhls 2008:54.
 - *elegans* Egg. *Al, Ab, N*. Kehlmaier 2008a:14. Kehlmaier & Ståhls 2008:54.
 - *fonsecai* Coe *Ab*: Turku (K. Winqvist), *N*: Tvärminne & Sibbo (A. Albrecht). Kehlmaier 2008:14. Kehlmaier & Ståhls 2008:54.
 - *lenis* Kuzn. *Al, Ab, N, Kb*. Kehlmaier 2008a:16. Kehlmaier & Ståhls 2008:54.
 - *lichtwardti* Kozán. *Ta*: Sysmä (J. Kahanpää). Kehlmaier 2008a:17. Kehlmaier & Ståhls 2008:55.
 - *oldenbergi* Coll. *N, Kl*. Kehlmaier 2008:19. Kehlmaier & Ståhls 2008:55.
 - *omissinervis* Beck. *Ab, N, Ta, Tb, Ok, Li*. Kehlmaier 2008a:20. Kehlmaier & Ståhls 2008:55.
 - *tenuirostris* Kozán. *Al, Ab, N, Sa, Sb*. Kehlmaier 2008a:24. Kehlmaier & Ståhls 2008:55.
 - Clistoabdominalis doczkali* Kehl. *Sa*: Kangaslampi (N. Laurene). Kehlmaier & Ståhls 2008:57.
 - Eudorylas angustimembranus* Koz. & Kw. *Ab*: Mietoinen (A. Haarto), *N*: Sibbo (A. Albrecht). *ibid.*:58.
 - *arcanus* Coe *Ab*: Mietoinen (A. Haarto). *ibid.*:58.
 - *barkalovi* Kuzn. *N*: Sibbo, *Ok*: Kuhmo, *Le*: Kilpisjärvi. *ibid.*:58.
 - *carpathicus* Koz. *N*: Sibbo (A. Pekkarinen & A. Albrecht). *ibid.*:58.
 - *fascipes* (Zett.) *Ab*: Kaarina (V. Mukkala), *N*: Sibbo (A. Albrecht). *ibid.*:58.
 - *inferus* Coll. *Ab*: Mietoinen (A. Haarto), *N*: Tvärminne (A. Albrecht). *ibid.*:59.
 - *jenkinsoni* Coe *Al, Ab, N, Ta, Ok*. *ibid.*:59.
 - *johnenae* Demp. *N*: Tvärminne (A. Albrecht), *Ks*: Salla (A. Haarto). *ibid.*:59.
 - *kowarzi* (Beck.) *Ab*: Ruissalo (V. Mukkala), *N*: Sibbo (A. Albrecht). *ibid.*:59.
 - *montium* (Beck.) *Ab, N, Ta, Ob, Ks*. *ibid.*:59.
 - *obscurus* Coe *Ab, N, Ka, Ta, Sa, Kb, Ob*. *ibid.*:59.
 - *restrictus* Coe *Al- Ok*. *ibid.*:60.
 - *slovacus* Koz. *N*: Tvärminne (A. Albrecht). *ibid.*:60.
 - *stackelbergi* Kuzn. *Ab*: Karjalohja, *N*: Sibbo. *ibid.*:60.
 - *subfuscipes* Coll. *Al- Ob*. *ibid.*:60.
 - *subterminalis* Coll. *N*: Tvärminne (A. Albrecht & K. Keynäs). *ibid.*:60.
 - *vonderdunki* Demp. *Ab*: Karjalohja, *N*: Sibbo. *ibid.*:61.
 - *zermattensis* (Beck.) *Al, N, Ta, Om*. *ibid.*:61.
 - *zonellus* Coll. *Ab, N, Ka*. *ibid.*:61.
 - Dorylomorpha aczeli* Hardy *Ab*: Vichtis, *N*: Sibbo. *ibid.*:61.
 - *extricata* (Coll.) *St*: Karvia. *ibid.*:61.
 - * *Tomosvaryella kalevala* Kehl. *Al, Ab, N, Ta, Sb, Kb, Lk*. Kehlmaier 2008a:33. Kehlmaier & Ståhls 2008:65.
 - *rossica* Kuzn. *N*: Espoo, *Lk*: Pallastunturi. Kehlmaier 2008a:38. Kehlmaier & Ståhls 2008:65.
 - *coquilletti* (Kert.) *N*: Vanda (A. Albrecht), *Kb*: Kontiolahti (H. Lindberg). Kehlmaier & Ståhls 2008:65.
 - *kuthyi* Acz. *Ab, N, Sa, Kb*. *ibid.*:65.
 - *minuscula* (Coll.) *Ab*: Turku (K. Winqvist). *ibid.*:65.
 - *palliditarsis* (Coll.) *N*: Hangö & Helsinki, *Sb*: Iisalmi. *ibid.*:65.
 - Thecophora jakutica* Zim. *Ta, Tb, Kb, Ob*. Kahanpää 2007 EF 18:171.
 - Pseudotephritis tryptoptera* (Henn.) *Ab, St, Ta*. Winqvist & Kahanpää 2007:25.
 - Melieria omissa* (Meig.) (*obscuripes* auct.) *Ab, N, Ka, St, Oa, Om, Ob*. *ibid.*:25.

- Homalocephala biumbata* (Wahlb.) (*albitarsis* auct.) Finland. *ibid.*:30.
- Campiglossa solidaginis* (White) *Ta*: Tampere (E. & L. Laasonen), *Sa*: Joutseno (A. Valtonen). *Söderman et al.* 2007 *Sahlbergia* 12:10.
- Oxya nebulosa* Wied. *Al*: Jomala, *Kb*: Ilomantsi. *ibid.*:11.
- Tephritis rydeni* (Her.) (*dioscurea* auct.). *Al*- *Ob*. *ibid.*:7,17.
- Terellia lotalia* (Meig.) *Ab*: Lohja (Lindén & Sinkkonen). *ibid.*:11.
- *plagiata* (Dahlb.) *Al*: Finström (A. Nordman). *ibid.*:12.
- Euphranta toxoneura* (Loew) *Sa*: Mikkeli, *Ok*: Paltamo & Sotkamo. *ibid.*:3.
- Chetostoma stackelbergi* (Rond.) *Ab*, *N*, *Ta*. *ibid.*:4.
- Cornutrypeta* [*Stemonocera*] *superciliata* (Frey) *N*: Sibbo (A. Albrecht), *Ta*: Somero (A. Haarto). *ibid.*:5.
- Dryomyza decrepita* Zett. (sp.dist.) Winqvist & Kahanpää 2007:31.
- Pteromicra pectorosa* (Hend.) *Ab*: Mietoinen (A. Haarto). :25.
- Sciomyza sebezehica* Przh. *Tb*: Jyväskylä, *Ob*: Liminka. *ibid.*:25.
- Palloptera modesta* (Meig.) (*parallela* Loew) (sp.di-st.). *ibid.*:28.
- Dasiops occultus* Coll. *Ab*: Nagu (A. Nordman). *ibid.*:22
- Chaetolonchaea pallipennis* (Zett.) (*dasyops* auct.). *Al*, *Ab*, *N*, *Ka*. *ibid.*:22.
- Lonchaea albigena* (Coll.) *Ta*: Birkkala (R. Frey), *Sa*: S:t Michel (Nordqvist). *ibid.*:22.
- *limatula* Coll. (*flavidipennis* auct.) Finland. *ibid.*:28.
- *scutellaris* Rond. *Kl*: Parikkala (M. Koponen). *ibid.*:24.
- *tarsata* Fall. *Al*: Föglö. *ibid.*:24.
- *ultima* Coll. *Al*: Lemland. *ibid.*:24.
- Agromyza reptans* (Fall.) *Ka*: Vehkalahti (L. Tiensuu). Winqvist 2007 *Diamina* 16:28.
- Ophiomyia ranunculicaulis* Her. *Ka*: Virolahti (L. Tiensuu). *ibid.*:28.
- Melanagromyza angeliciphaga* Spenc. *Ka*: Vehkalahti & Virolahti (L. Tiensuu). *ibid.*:28.
- Phytomyza asteris* Hend. *Ka*: Vehkalahti (L. Tiensuu). *ibid.*:28.
- *heracleana* Her. *Ka*: Hamina (L. Tiensuu). *ibid.*:28.
- *isais* Her. *Ka*: Hamina (L. Tiensuu). *ibid.*:29.
- *mylini* Her. *Ka*: Vehkalahti (L. Tiensuu). *ibid.*:29.
- *pimpinellae* Hend. *N*: Helsinki (L. Tiensuu). *ibid.*:29.
- *rydeni* Her. *Ka*: Vehkalahti & Virolahti (L. Tiensuu). *ibid.*:29.
- *selini* Her. *Ka*: Vehkalahti (L. Tiensuu). *ibid.*:29.
- *soenderupi* Her. *Ka*: Vehkalahti (L. Tiensuu). *ibid.*:29.
- *thysseini* Hend. *Ka*: Vehkalahti (L. Tiensuu). *ibid.*:29.
- *virosae* Pakaln. *Ta*: Hattula (Tiensuu). *ibid.*:29.
- Heteromyza rotundicornis* (Zett.) *N*: Mäntsälä. Kahanpää & Salmela 2007 *Sahlbergia* 12:46.
- Philotelma defectum* (Hal.) *Al*, *Ab*, *Om*, *Ob*. Mathis, Zatwarnicki & Kubátova-Hiršová 2009 *Insect Syst. Evol.* 40:133.
- * *Delia coarctoides* Mich. *N*: Tvärminne (R. Frey), *Ka*: Vehkalahti (L. Tiensuu), *Ta*: Loppi (I. Kakko); *Kb*: Joensuu (O. Martin). Michelsen 2007a *Zootaxa* 1412:63.
- * - *rimiventris* Mich. *Ab*: Naantali (L. Tiensuu), *Ka*: Vehkalahti (L. Tiensuu). Michelsen 2007b *Zootaxa* 1469:53.
- Paradelia lundbeckii* (Ringd.) *Le*: Malla (R. Frey). Michelsen 2007c *Zootaxa* 1592:8.
- *brunneonigra* (Schnabl) *Ka*, *Ta*, *Tb*, *Kb*. *ibid.*:17.
- * *Pegomya curviphallis* Mich. *Ab*: Turku (K. Winqvist), *N*: Helsinki (L. Tiensuu). Michelsen 2006 *Zootaxa* 1257:51.
- * - *glabroides* Mich. *Ks*: Salla (Krogerus). Michelsen 2008 *Zooytaxa* 1781:45.
- Fannia atra* (Stein) *Le*: Enontekiö. Haarto 2009 *Metsähall. Luonnons.julk.* A 185:25.
- Phaonia amabilis* (Meig.) *Le*: Enontekiö. *ibid.*:25.
- *atrocyanea* (Ringd.) *Le*: Enontekiö. *ibid.*:25.
- Chetogena tschorsnigi* Ziegl. *Ta*: Tammela (K. Mattila). Pohjoismäki 2006 *Diamina* 15:1.
- * *Phebellia margaretae* Bergstr. *Ob*: Hailuoto (R. Frey), *Tb*: Saarijärvi (F. Woldstedt), *Sb*: Tuovilanlaks (J.A. Palmén) Idensalmi (C. Lundström). Bergström 2005 *Stuttgart Beitr. Naturk. (A)* 679:2.
- *triseta* (Pand.) *Ok*: Sotkamo. Pohjoismäki 2006:2.
- * *Loewia erecta* Bergstr. *Al*, *Ab*, *Ta*, *Ob*. Bergström 2007 *Stuttgart Beitr. Naturk. (A)* 708:3.
- Siphona nigricans* (Villen.) *Li*: Nuorgam. Pohjoismäki 2006.:2.
- Phasia barbifrons* (Girschn.) *Ta*: Valkeakoski. *ibid.*:2.

Present number: 5,551 – 48 + 709 = 6,212 spp.

Siphonaptera

Additions

- Catallagia dacenkoi* Ioff *Li*: Inari. Brinck-Lindroth & Smit, 2007 *Fauna Ent. Scand.* 41:55.
- Ceratophyllus borealis* Rothsch. (sp. dist.) *Al*, *Ab*, *N*, *Ta*, *Sb*, *Kb*, *Ob*. *ibid.*:85, 159.

Present number: 52 + 2 = 54 spp.

Hymenoptera

- Humala, A. 2003. Naezdni-ihnevmonidy fauny Rossii i sopredel'nyh stran: Podsemejstva Microleptinae i Oxytorinae (Hymenoptera: Ichneumonidae). – Moskva, Nauka, 175 pp.
- Taeger, A., Blank, S.M. & Liston, A.D. 2006. European Sawflies (Hymenoptera: Symphyta) – A Species Checklist for the Countries. – In: Blank, Schmidt & Taeger, Recent Sawfly Research: Synthesis and Prospects, Goecke & Evers, Keltern, pp. 399–504.
- Koponen, M., Jussila, R. & Vikberg, V. 2008 [2009]. Suomen loispistiäisluettelo (Hymenoptera, Parasitica). Osa 6. heimo Ichneumonidae, alaheimot Phrudinae, Mesochorinae, Metopiinae, Acaenitinae, Oxytorinae, Collyriinae, Orthopelmatinae, Orthocentrinae s. lat. ja Diplazontinae. – Sahlbergia 14:68–95.
- Koponen, M., Jussila, R. & Vikberg, V. 2009. Suomen loispistiäisluettelo (Hymenoptera, Parasitica). Osa 7. heimo Ichneumonidae, alaheimot Alomyiinae ja Ichneumoninae. – Sahlbergia 15(2):13–48.
- Deletions**
- Sirex atricornis* Kjell. (= *S. juvenicus* (L.)). Taeger *et al.* 2006:470.
- Tenthredopsis arrogans* (Kon.) (= *T. friesei* (Kon.)). Taeger, Blank & Liston 2010 Zootaxa 2580:654.
- Athalia cordatoides* Priesn. (= *A. circularis* (Klug)). *ibid.*:261.
- Cladius difformis* (Panz.) (= *C. pectinicornis* (Geoffr.)). Taeger *et al.* 2006:416.
- *comari* Stein (= *C. pectinicornis* (Geoffr.)). *ibid.*:416.
- Priophorus foveivaginat* Mal. (= *Cladius* (*Priophorus*) *brullei* Dahlb.). *ibid.*:416.
- Nematinus willigkiae* Stein (= *N. luteus* (Panz.)). *ibid.*:432.
- Pristiphora denudata* Kon. (= *P. pallidiventris* (Fall.)). Taeger *et al.* 2010:447.
- Pteronidea virescens* (Hart.) (= *Nematus* (*Pteronidea*) *bergmanni* Dahlb.). Taeger *et al.* 2006:432.
- Pachynematus kirbyi* (Dahlb.) (= *P. clitellatus* (Serv.)). *ibid.*:438.
- *trisignatus* (Först.) (= *P. clitellatus* (Serv.)). *ibid.*:438.
- *angustatus* Lindqv. (= *P. smithae* Ross). *ibid.*:439.
- *sulcatus* Bens. (= *P. fallax* (Serv.)). Taeger *et al.* 2010:436.
- Amauronematus excellens* Fors. (= *A. puniceus* (Christ)). Taeger *et al.* 2006:410.
- Eupontania viminalis* (L.) (f.d.). Vikberg & Zinovjev 2006 Beitr. Entomol. 56:259.
- Phyllocolpa coriacea* (Bens.) (= *P. leucaspis* (Tischb.)). Koppelke 2007 Senckenb. biol. 87:153.
- Dirophanes tegularis* (Thoms.) (= *D. muricifer* (Holmgr.)). Schönitzer, Hower, Melzer & Diller 2006 Mitt. Münch. Entomol. Ges. 95:109.
- Centeterus elongator* Berth. Recorded outside Finland. Koponen *et al.* 2009:18.
- Diadromus arcticus* Thoms. Recorded outside Finland. *ibid.*:22.
- Nematomicrus tenellus* Wesm. Recorded outside Finland. *ibid.*:23.
- Pristicerops sternoleucus* (Wesm.) (f.d., = *P. infractorius* (L.)). *ibid.*:24.
- Platylabus pedatorius* (F.) (f.d., = *P. heteromallus* (Berth.)). *ibid.*:25.
- *stolidus* Perk. (f.d., = *P. odiosus* Perk.). *ibid.*:25.
- *daemon* (Wesm.) (f.d., = *P. pallidens* (Wesm.)). *ibid.*:25.
- *zagoriensis* Heinr. (= *P. tricingulatus* (Grav.)). Riedel 2008 Spixiana 31:156. Koponen *et al.* 2009:26.
- *rufiventris* Wesm. (= *P. vibratorius* (Thunb.)). Riedel 2008 Spixiana 31:158.
- *pullus* Wesm. Recorded outside Finland. Koponen *et al.* 2009:16, 25.
- Anisobas hostilis* (Grav.) (f.d., = *A. rebellis* Wesm.). Horstmann 2007 Entomofauna 28:109.
- *jugorum* Heinr. (= *A. rebellis* Wesm.). *ibid.*:108.
- *parviceps* (Thoms.) (= *A. rebellis* Wesm.). *ibid.*:108.
- *seyrigi* Heinr. (f.d.). *ibid.*:112.
- Cratichneumon sahlbergi* Hellén Recorded outside Finland. Koponen *et al.* 2009:28.
- Virgichneumon mesostilpnus* (Thoms.) (= *V. albosignatus* (Grav.)). *ibid.*:30.
- Ichneumon caloscelis* Wesm. Recorded outside Finland. *ibid.*:31.
- *gravipes* Wesm. (= *I. melanosomus* Wesm.). *ibid.*:33.
- *incomptus* Holmgr. (= *I. memorator* Wesm.). *ibid.*:34.
- *macrocerophorus* D.T. (= *I. melanotis* Holmgr.). *ibid.*:34.
- Pseudoamblyteles homocerus* (Wesm.) Recorded outside Finland. *ibid.*:36.
- Exephanes femoralis* Brischke (f.d., = *E. occupator* (Grav.)). *ibid.*:36.
- Hoplismenus aulicus* (Grav.) (f.d., = *Hybophorellus injucundus* (Wesm.)). *ibid.*:39.
- Arotes albicinctus* (Grav.) Recorded outside Finland. Koponen *et al.* 2008:78.
- Cylloceria accusator* (F.) (f.d., = *C. melancholica* (Grav.)). *ibid.*:79.
- Stenomacrus confinis* (Holmgr.) (= *S. cognatus* (Holmgr.)). *ibid.*:86.
- *vitripennis* (Holmgr.) Recorded outside Finland. *ibid.*:87.
- Plectiscus flavicornis* (Thoms.) (= *P. agilis* (Holmgr.)). *ibid.*:86.
- Eusterinx bispinosa* (Strobl) (*alpigena* (Strobl)) (f.d., = *E. circaea* Ross.). Humala *et al.* 2007 Sahlbergia 12:55.
- Plectiscidea agitator* (Först.) Recorded outside Finland. Koponen *et al.* 2008:83.

- Hemiphanes townesi* Ross. (f.d., = *H. performidatum* Ross.). *ibid.*:82.
- Lathrolestes abdominalis* (Brsch.) (= *L. verticalis* (Brsch.) (*marginatus* Thoms.)). Horstmann 2005 Mitt. Münchn. Ent. Ges. 95:78.
- Dusona adriaansei* (Teun.) (= *D. carpathica* (Szépl.)). Horstmann 2009 Spixiana 32:47.
- *debilis* (Först.) (= *D. flagellator* (F.)). *ibid.*:48.
- *subaequalis* (Först.) (= *D. rugifera* (Först.)). *ibid.*:50.
- Hyposoter neglectus* (Holmgr.) (f.d., = *Phobocampe variabilis* Šed.). Šedivý 2004 Acta Univ. Carol., Biol. 48:232.
- Cidaphus alarius* (Grav.) (f.d., = *C. areolatus* (Boie)). Koponen *et al.* 2008:71.
- Mesochorus fulvus* Thoms. (= *M. fulgurans* Curt.). Horstmann 2007 Linz. biol. Beitr. 38:1462.
- *stigmaticus* Brischke (= *M. pallipes* Brischke). *ibid.*:1473.
- Hypsicera flaviceps* Ratz. Recorded outside Finland. Koponen *et al.* 2008:76.
- Erigorgus rufus* (Haberm.) (= *Barylypa propugnator* (Först.)). Schnee 2008 Beitr. Entomol. 58:252.
- Microchelonus rimulosus* (Thoms.) (= *M. sulcatus* (Jur.)). Tobias 2010 Tr. Russk. Entomol. Obšč. 81(1):30.
- Acropiesta flavipes* Kieff. (= *A. sciarivora* (Kieff.)). Macek 1998 Folia Heyrovskyana 6:26.
- Zygota excisipes* (Kieff.) (= *Z. excisor* (Zett.)). Macek 1997 Folia Heyrovskyana 5:44.
- *norvegica* (Kieff.) (= *Z. ruficornis* (Curt.)). *ibid.*:43.
- Meuselia fuscicornis* Kieff. (= *Opazon parvulum* (Hal.)). Macek 1995 Folia Heyrovskyana 3:82.
- Trichopria elongata* (Thoms.) (= *Diapria nigricornis* Thoms.). Notton 1995 Beitr. Entomol. 45:279.
- Scelio thomsoni* Kieff. (= *S. inermis* (Zett.)). Kononova & Kozlov 2008 Opred. faune Rossii 172:177.
- Platygaster apicalis* Thoms. (= *P. pelias* Walk.). Buhl & Notton 2009 Journ. Nat. Hist. 43:1681.

The following species have by mistake been added twice to the list:

- Dichrogaster heteropus* (Thoms.) Silfverberg 1991 EF 2:16 & Silfverberg 1996 EF 7:47.
- Charitopes areolaris* (Thoms.) Hellén 1966 NE 46:84 & Silfverberg 1986 NE 66:145.
- Mastrus sordipes* (Grav.) Hellén 1966 NE 46:84 & Silfverberg 1986 NE 66:145.
- Zoophthorus punctiventris* (Thoms.) Hellén 1966 NE 46:84 & Silfverberg 1986 NE 66:145.
- Theroscopus ornaticornis* (Schmied.) Hellén 1952 NE 32:78 & Hellén 1971 NE 51:86.
- Atractodes alutaceus* Thoms. Hellén 1971 NE 51:86 & Silfverberg 1981 NE 61:59.
- Dicaelotus pusillator* (Grav.) Hellén 1952 NE 51:77 & Hellén 1961 NE 41:118.

Additions

- Aprosthemina bifidum* (Klug) (sp. dist.). Taeger, Blank & Liston 2010 Zootaxa 2580:161.
- Arge fuscipes* (Fall.) (sp. dist.) Finland. Taeger *et al.* 2006:405.
- Heptamelus dahlbomi* (Thoms.) (sp. dist.) *Ab, N, Ta, Sa, Kb.* Vikberg & Liston 2009 Zootaxa 2112:8.
- Pseudohemitaxonus sharpi* (Cam.) *Ta.* Janakkala. Vikberg 2010 Sahlbergia 16:12.
- Tenthredo temula* Scop. *Al, Sa.* Paukkunen *et al.* 2009 Sahlbergia 15:18.
- Macrophya teutona* (Panz.) *Ab, N, Ta.* *ibid.*:18.
- Harpiphorus lepidus* (Klug) *Ab:* Turku Ruissalo (I. Kakko). Vikberg & Vårdal 2010 Sahlbergia 16:8.
- Claremontia puncticeps* (Kon.) (sp. dist.). Taeger *et al.* 2010:318.
- Cladius ulmi* (L.) *Ta:* Ypäjä (I. Kakko). Paukkunen *et al.* 2009:19. Kakko 2009 Lounais-Hämeen Luonto 96:16.
- Hoplocampa flava* (L.) *Sa, Kl.* Paukkunen *et al.* 2009:19.
- *fulvicornis* (Panz.) *Ab:* Lohja. *ibid.*:19.
- Eupontania brevicornis* (Först.) *Ab, Ta.* Vikberg & Zinovjev 2006:250.
- *myrtilloidea* (Kop.) *Ok:* Kuhmo & Suomussalmi. *ibid.*: 254.
- * (- *collectanea*) *rosmarinifoliae* Vikb. & Zin. *Ab, N, Ta.* *ibid.*:259.
- * - *acutifoliae baltica* Vikb. & Zin. *N:* Espoo. *ibid.*:260.
- * *Tubpontania nitidinota* Vikb. *Ab, N, St, Ta, Sa, Kl, Sb, Om, Ob.* Vikberg 2010 Zootaxa 2610:20.
- Odontocolon thomsoni* (Clém.) *Ta:* Sahalahti (P. Valttonen). Jussila & Várkonyi 2009 w-album 8:4.
- Xorides indicatorius* (Latr.) *Ta:* Sahalahti (P. Valttonen). Jussila 2007 w-album 3:4.
- Acrolyta flagellator* Schw. & Sh. *Ab, N, Ka.* Jussila & Várkonyi 2009:6.
- *nigricolor* (Aub.) *Ab:* Nousiainen, *Ta:* Lahti. *ibid.*:6.
- Hemiteles maricesca* Schw. & Sh. *Ab:* Nousiainen. *ibid.*:6.
- *rubropleuralis* Kiss *Ab:* Turku. *ibid.*:6.
- Dichrogaster liostylus* (Thoms.) *Ab, N.* *ibid.*:7.
- *modesta* (Grav.) *Ab, Ka, Ta.* *ibid.*:7.
- Gelis infumatus* (Thoms.) *Ab:* Turku. *ibid.*:7.
- *operosus* Schw. *Oa, Sb.* *ibid.*:7.
- *parens* Schw. *N:* Inkoo. *ibid.*:8.
- *recens* Schw. *Sb:* Savonranta, *Ob:* Tervola. *ibid.*:8.
- *sanguinepectus* (Schmied.) *Ab:* Sauvo. *ibid.*:8.
- *spurius* (Först.) *Al, Ab, St, Ta, Sa, Oa, Tb, Sb, Ob, Li.* *ibid.*:8.
- *venatorius* (Först.) *Ab, N, Ta, Oa, Tb, Kb, Li.* *ibid.*:9.
- Endasys strictogastris* Saw. & Luhm. *Ab, Ta, Ok.* Jussila 2010 w-album 9:7.

- *talitzkii* (Tel.) *Ab*: Taivassalo (A. Haarto & V.-M. Mukkala). *ibid.*:8.
- Bathythrix margaretae* Saw. *Ab, Sb.* *ibid.*:8.
- *prominens* (Stroblo) *Ab, Kb.* *ibid.*:8.
- Sulcarius pubescens* Town. *Ta*: Sahalahti (P. Valtonen). Jussila & Varkonyi 2009:9.
- Oresbius bipunctatus* (Schmied.) *Ob*: Tervola (P. Martikainen). *ibid.*:10.
- Pleolophus vestigialis* (Först.) *Ab, N, Ka, Ta, Sa.* *ibid.*:10.
- Plectrocryptus poecilops* (Kriechb.) *N*: Pyhtää, *Ka*: Kotka. Jussila 2010:8.
- Heterischnus nigricollis* (Wesm.) (sp.dist.) Koponen *et al.* 2009:17.
- Oronotus binotatus* (Grav.) *N*: Helsinki (O. Ranin). *ibid.*:15.
- Eriplatys sawoniewiczzi* Dill. *Ab*: Turku (R. Jussila). *ibid.*:15.
- Tycherus dodecellae* Ranin *N*: Helsinki (O. Ranin). *ibid.*:15.
- *vagus* (Berth.) *N*: Helsinki (O. Ranin), Hyvinkää (M. Koponen). *ibid.*:15.
- Phaeogenes trepidus* Wesm. *Ab*: Vihti (V.J. Karvonen). *ibid.*:15.
- Diadromus collaris* (Grav.) *N*: Helsinki (O. Ranin). *ibid.*:15.
- *intermedius* Wesm. *Ab, N.* *ibid.*:15.
- Aethecerus exilis* Wesm. *Ta*: Forssa (M. Nylund). *ibid.*:15.
- Trachyarus anceps* (Berth.) (*specularis* Rom.) (sp.dist.). Gokhman 2007 *Spixiana* 30:66.
- * - *borealis* Zwakh. *Tb*: Jyväskylä (J.A. Elzinga). Zwakhals & Elzinga 2009 *Mitt. Münch. Entomol. Ges.* 99:129.
- *solyanikovi* Gokhm. *Tb*: Jyväskylä. *ibid.*:192.
- *brevipennis* Rom. *Sa, Tb.* Koponen *et al.* 2009:15.
- Linytus flavitarsis* (Heinr.) *N, St, Ta, Oa.* *ibid.*:15.
- Cyclolabus alpinus* (Hab.) *Tb*: Pihtipudas (A. Saarinen). *ibid.*:15.
- Asthenolabus stellae* (Heinr.) *Ta*: Iitti (R. Teriaho). *ibid.*:15.
- Anisobas rebellis* Wesm. (sp. dist.). Finland. Horstmann 2007 *Entomofauna* 28:108.
- Pristicerops larvator* (Grav.) Finland. Koponen *et al.* 2009:24.
- * *Platylabus baueri* Ried. *N*: Hanko Russarö (A. & J. Kullberg). Riedel 2008 *Spixiana* 31:121.
- * - *fennicus* Ried. *N*: Pärnä (Å. Nordström). *ibid.*:128.
- *heteromallus* (Berth.) (*pedatorius* auct.) "Finland". *ibid.*:131. Koponen *et al.* 2009:25.
- * - *minor* Ried. *Al, Ab, Ta, Oa.* Riedel 2008:137.
- *neglectus* Fonsc. "Finland". *ibid.*:138.
- *obator* (Desv.) "Finland". *ibid.*:140.
- *oehlkei* Heinr. "Finland". *ibid.*:142.
- *orbitalis* (Grav.) "Finland". *ibid.*:144.
- *perexiguus* Heinr. "Finland". *ibid.*:146.
- * - *pseudopumilio* Ried. *Ab*: Turku & Sauvo (R. Jussila). *ibid.*:148.
- * - *rufocoxatus* Ried. *Al, Ab, N, Sa, Kl.* *ibid.*:150.
- *pallidens* Wesm. (*daemon* auct.) Koponen *et al.* 2009:25.
- Pseudoplatylabus violentus* (Grav.) *Ab*: Turku (R. Jussila). *ibid.*:15.
- Cratichneumon dissimilis* (Grav.) Finland. *ibid.*:27.
- Virgichneumon maculicauda* (Perk.) *Ta*: Tampere (T. Grönbloom). *ibid.*:15.
- Barichneumon plagiarius* (Wesm.) *Ab*: Sauvo (R. Jussila). *ibid.*:15.
- Ichneumon analisorius* Heinr. *Sa*: Hirvensalmi (O. Ranin). *ibid.*:16.
- *eremitorius* Zett. Finland. *ibid.*:32.
- *hypolius* Thoms. *Sa*: Ruokolahti (W. Hellén). *ibid.*:16.
- *leucopeltis* Thoms. *Al*: Lemland (W. Hellén). :16.
- *pseudocaloscelis* Heinr. *Sa*: Hirvensalmi (O. Ranin). *ibid.*:16.
- *stramentor* Rasn. *N, Ta, Sb.* *ibid.*:16.
- Exephanes ischioxanthus* (Grav.) Finland. *ibid.*:36.
- Syspasis scutellator* (Grav.) *Ab, N, Ka, Ta, Sa, Ob, Tb, Kb, Om.* Koponen, Vainio, Vikberg & Jussila 2008 *Sahlbergia* 13(2):41.
- Lymantrichneumon disparis* (Poda) Finland. Koponen *et al.* 2009:39.
- Coelichneumon atratorius* (Vill.) *Ka*: Kotka (L. Luukkonen). *ibid.*:16.
- *biguttorius* (Thunb.) *Ab*: Houtskär (R. Jussila), Sauvo (R. Jussila). *ibid.*:16.
- Mesoclistus rufipes* (Grav.) *Le*: Kilpisjärvi (V.J. Karvonen). Koponen *et al.* 2008:70.
- Enizemum nigricorne* (Thoms.) *Al, Ab, N, Ka, Ta.* Jussila 2007:8.
- Campocraspedon annularis* (Hedw.) *N*: Sipoo (N. Laurene). Koponen *et al.* 2008:87. Jussila & Varkonyi 2009:5.
- Syrphophilus asperatus* Dasch *Le*: Enontekiö. Jussila 2009 *Metsähall. luonnons.julk.* A 185:45.
- Bioblapsis polita* (Snell.) *Al, Ab, St, Ta, Oa.* Jussila 2007:7.
- Sussaba aciculata* (Ruthe) *Le*: Enontekiö. Jussila 2009:45.
- Aperileptus melanopsis* Först. Finland. Humala 2003:112. Koponen *et al.* 2008:80.
- *tricinctus* Först. Finland. Humala 2003:113.
- Orthocentrus corrugatus* Holmgr. Finland. Koponen *et al.* 2008:84.
- *longicornis* Holmgr. *Ab*: Vihti, *Lk*: Kolari. *ibid.*:70.
- *strigatus* Holmgr. *N*: Vantaa (O. Ranin). *ibid.*:70.
- Picrostigeus antennalis* Rom. Finland. *ibid.*:85.
- *debilis* (Grav.) *Al, Ab, N, Oa, Sb, Ob.* Jussila 2007:6.

- * - *svecofennicus* Juss. *Le*: Saana (B. Federley), *Li*: Utsjoki Kevo (R. Jussila). *ibid.*:6.
Stenomacrus deletus (Thoms.) *Ab, N, Oa*. *ibid.*:5.
 - *molestus* (Holmgr.) *Al, Ab, Le, Li*. Koponen *et al.* 2008:70.
 - *vafer* (Holmgr.) *Al, Ab, Ta, Le, Li*. *ibid.*:70.
Plectiscus exilis (Holmgr.) *Li*: Utsjoki. Jussila 2007:5.
Gnathochoris flavipes Först. Finland. Humala 2003:140.
Eusterinx inaequalis Ross. *Ab, N, Kl, Tb, Kb*. Humala, Jussila & Koponen 2007 *Sahlbergia* 12:54.
 - *minima* (Strobl) *Ab, Tb, Le, Li*. *ibid.*:54.
 - *obscura* Först. Finland. Humala 2003:143.
 - *pseudoligomera* Greg. Finland. *ibid.*:144
 - *refractaria* Ross. *Ab, N, Ka, St, Tb, Kb, Li*. Humala *et al.* 2007:54.
 - *jugorum* (Strobl) *Ab*: Nystad (W. Hellén), *Ks*: Kuusamo (J. Viramo). Koponen *et al.* 2008:70.
 * - *fennoscandica* Hum. *N*: Nurmijärvi & Orimatilla (M. Koponen). Humala 2008 *EF* 19:101.
 * *Fennomacrus koponeni* Hum. *Sa*: Ristiina (M. Koponen). Humala 2003:130 (*Plectiscidea* k.). Humala 2008:96.
 * *Plectiscidea aquilonia* Hum. *Ab*: Turku (M. Koponen). Humala 2003:130. Humala 2008:97.
 - *bistriata* (Thoms.) Finland. Humala 2003:130.
 - *communis* (Först.) Finland. *ibid.*:135.
 - *erythrogya* (Först.) Finland. *ibid.*:131.
 - *nemorensis* Ross. *Ab, N, St, Sa*. Humala *et al.* 2007:57.
 - *posticata* (Först.) *Ab, N, Kb*. *ibid.*:57.
 - *undulata* (Dasch) *Ta*: [Ruovesi] Multinharju (M. Kuussaari & J. Siitonen). *ibid.*:57.
 * - *fuscifemur* Hum. *Ab, N*. Humala 2003:130. Humala 2008:99.
 * - *helleni* Hum. *Le*: Kilpisjärvi (W. Hellén). Humala 2003:131. Humala 2008:100.
Proclitus ardentis Ross. *Ab, N, Ta, Tb, Kb, Ob*. *ibid.*:56.
 - *edwardsi* Rom. *N*: Vantaa (V. Karvonen). *ibid.*:56.
Pantisarthrus dispar Ross. Finland. Humala 2003:104.
 - *gracilis* Ross. Finland. *ibid.*:104.
Aniseres caudatus Hum. *Ab, N, Kb*. Humala *et al.* 2007:52.
 - *subarcticus* Hum. *Ab, Sa, Kb*. *ibid.*:52.
Helictes carinalis Hum. *N*: Äggelby (T. Clayhills). *ibid.*:56.
Megastylus excubitor (Först.) Finland. Koponen *et al.* 2008:82.
Scambus alpestrator Aub. *Le*: Enontekiö. Jussila 2009:44. Jussila 2010:3.
 * *Zatypota kerstinae* Fritzen *Ab, Oa, Sb, Kb*. Fritzen 2010 *Zootaxa* 2487:53.
Pseudorhyssa nigricornis (Ratz.) *Ka*: Kotka (L. Luukkonen). Jussila 2007:3.
Collyria trichophthalma (Thoms.) *Ta*: Janakkala. Koponen *et al.* 2008:70.
Microleptes rectangulus (Thoms.) *Ab*: Vihti (V. Karvonen). Humala *et al.* 2007:51.
Orthopelma brevicorne Morl. *Ab*: Houtskär & Korpo (R. Jussila). *ibid.*:58.
Glypta longicauda Hart. *Ab*: Turku. Jussila 2010:4.
Lissonota versicolor Holmgr. *Ab*: Parainen (M. Vuola). *ibid.*:4.
 - *inareolata* Pfeff. *Ab*: Korpo Utö. Jussila & Várkonyi 2009:4.
Hodostates brevis (Thoms.) *Ok*: Kuhmo. *ibid.*:4.
Priopoda xanthopsana (Grav.) *N*: Siuntio. Jussila 2010:4.
Lathrolestes albicinctus (Haberm.) *Ab*: Turku. *ibid.*:4.
Neostrobilia longigena (Thoms.) *Sb*: Varkaus (N. Laurene). Jussila & Várkonyi 2009:4.
 * *Campodorus suomi* Kasp. *Le*: Kilpisjärvi (R. Hinz). Kasparyan 2006 *Entomol. Obozr.* 85:646.
 - *infidus* (Woldst.) *Le*: Enontekiö. Jussila 2009:44. Jussila 2010:5.
Saotis albionis Kasp. *N*: [Helsingfors] Munksnäs (E. Lindqvist). Kasparyan & Kopelke 2010 *Entomol. Obozr.* 89:249.
 * - *boreator* Kasp. & Kop. *Ta*: Urjala (T. Reilin). *ibid.*:251.
 * - *granulator* Kasp. & Kop. *Sb*: Nilsä (R. Jussila). *ibid.*:254.
 * - *subarctor* Kasp. & Kop. *Le*: Kilpisjärvi (J.-P. Kopelke), *Li*: Ivalo (W. Hellén). *ibid.*:260.
Phobetres latipes Thoms. (sp. dist.) Finland. Horstmann 2007 *Mitt. Münchn. Ent. Ges.* 97:77.
Euryproctus mundus (Grav.) *Sb*: Varkaus (N. Laurene). Jussila & Várkonyi 2009:5.
Barycnemis alpina (Strobl) *Ok*: Kuhmo, *Li*: Utsjoki. Jussila 2007:5
 - *gravipes* (Grav.) *Al, Ab, N, Oa, Li*. *ibid.*:5.
 * *Phobocampe punctata* Šed. *Ks*: Salla (K. Ruohomäki). Šedivý 2004 *Acta Univ. Carol., Biol.* 48:228; Jussila 2007:4.
 - *tempestiva* (Holmgr.) *Al, Ab, Ka, Tb, Li*. Jussila 2007:4.
 * - *variabilis* Šed. (*neglecta* auct.) Finland. Šedivý 2004:232.
Diadegma velox (Holmgr.) *Ab*: Nousiainen. Jussila & Várkonyi 2009:5.
Hyposoter clausus (Brischke) *Ta*: Sahalahti (P. Valtonen). *ibid.*:5.
Astiphromma hamulum (Thoms.) *Li*: Utsjoki (V. Karvonen). Koponen *et al.* 2008:69. Jussila 2010:5.
 - *pictum* (Brischke) *Sb*: Leppävirta (E. Tiitonen). Koponen *et al.* 2008:69.

- *striatum* (Brischke) *Ab, N, Tb, Le, Li*. *ibid.*:69.
- *albitarse* (Brischke) *Ab, N, Ka, Ta, Oa*. Jussila 2010:5.
- *luridum* Schwenke *Ta*: Somero (T. Mutanen). *ibid.*:5.
- *rimosum* Schwenke *Sa*: Mikkeli (M. Koponen). *ibid.*:6.
- Mesochorus curvicauda* Thoms. *Ab, N, Ka*. Koponen *et al.* 2008:69.
- *femoralis* Brischke *N, Ka, Sa, Li*. *ibid.*:69.
- *fuscicornis* Brischke *Ab, N*. *ibid.*:69.
- *petiolaris* Brischke *Ab, N, Ka, Li*. *ibid.*:69.
- *plumosus* Dasch *Ta*: Janakkala (V. Vikberg). *ibid.*:70.
- *zygaenae* Schwenke *Ks*: Kuusamo (R. Jussila). *ibid.*:70.
- *testaceus* Grav. [Schwenke 1999] *ibid.*:74.
- *alpigenus* Strobl *Le*: Enontekiö. Jussila 2009:45.
- Stictopisthus bilineatus* (Thoms.) *N*: Vantaa (V. Karvonen). Jussila 2010:7.
- *flavescens* (Fonsc.) *N, St*. *ibid.*:7.
- *tenuigaster* Schwenke *Ab*: Sauvo. *ibid.*:7.
- Triecs facialis* (Thoms.) *Ab, N, Ta, Sa, Kb, Om, Ok*. Koponen *et al.* 2008:70.
- Triclistus pygmaeus* (Cress.) Finland. *ibid.*:76.
- Exochus fletcheri* Bridgm. *N*: Kirkkonummi (V.J. Karvonen). *ibid.*:70.
- *quadrimaculatus* Schmied. *Ab*: Vihti (V.J. Karvonen). *ibid.*:70.
- *separandus* Schmied. *Ab*: Vihti, *N*: Kirkkonummi. *ibid.*:70.
- *thomsoni* Schmied. *Ab*: Naantali, *N*. Helsinki. *ibid.*:70.
- Bracon marshalli* Szépl. Finland. Papp 2008 Linzer biol. Beitr. 40:1764.
- *subsinuatus* Szépl. Finland. *ibid.*:1782.
- *curticaudis* Szépl. Finland. *ibid.*:1753.
- **Colastes fritzeni* Acht. & Shaw *Ta*: Valkeakoski (N. Fritzen & I. Österblad), *Oa*: Korsholm (I. Österblad), *Om*: Lohtaja (N. Fritzen). van Achterberg & Shaw 2008 Journ. Nat. Hist. 42:1854.
- Orgilus obesus* Taeg. *Ok*: Vaala. Leinonen & Itämies 2008 Baptria 33(3):10.
- Microchelonus labipalpis* Tob. Finland. Tobias 2010 Tr. Russk. Entomol. Obsč. 81(1):52.
- *fischeri* Tob. Finland. *ibid.*:109.
- *laplandicus* Tob. Finland. *ibid.*:186.
- Neuroterus anthracinus* (Curt.) *Ab*: Korpo Vattkast. Tack 2010 Diss., p. 52.
- *albipes* (Schr.) *Al*: Eckerö & Lemland. Kaartinen & Janhonen 2010 Memoranda Soc. Fauna Flora Fenn. 85:98.
- Andricus pseudoinflator* Tav. *Al*: Eckerö, Finström & Lemland. *ibid.*:98.
- *seminationis* (Gir.) *Al*: Föglö. *ibid.*:98.
- *testaceipes* Hart. *Al*: Föglö. *ibid.*:98.
- Eupelmus fuscipennis* Först. *Ab*: Pojo (E. Vuorinen). Vikberg 2008 [2009] Sahlbergia 14:60.
- Cirrospilus diallus* Walk. *Ab*: Korpo Vattkast. Tack 2010:42.
- *lynxus* Walk. *Ab*: Korpo Vattkast. *ibid.*:42.
- Achrysocharoides butus* (Walk.) *Ab*: Korpo Vattkast. *ibid.*:42.
- Palaeomyrmar anomalus* (Bl. & Kr.) *Ab*: Karkkila, *Ta*: Janakkala. Vikberg & Gergely 2006 Sahlbergia 11(2):42.
- Zygota comitans* Macek *Li*: Utsjoki Kevo. Macek 1997 Folia Heyrovskyana 5:47.
- Dryinus niger* Kieff. *St*: Eurajoki, *Sa*: Mikkeli. Väänänen & Vikberg 2008 Sahlbergia 13(2):2.
- Gonatopus solidus* (Haupt) *N*: Hanko (J. Perkiömäki). *ibid.*:3.
- Chrysis corusca* Valk. *Sa*: Lappeenranta (M. Raekunnas). Paukkunen *et al.* 2009 Sahlbergia 15:6.
- *insperata* Chevr. *Ka*: Virolahti (Y. Ranta). *ibid.*:6.
- *leptomandibularis* Nieh. *Sb*: Vehmersalmi (D. Hemdal). *ibid.*:6.
- *mediata* Linsenm. *Ab*: Karjalohja (U. Saalas), *N*: Kirkkonummi (P. Haglund). *ibid.*:6.
- Myrmica vandeli* Bondr. *Ab*: Lohja (O. Engström). *ibid.*:7.
- Lasius sabularum* (Bondr.) *Ab*: Turku (M. Saaristo), *Kb*: Pielisjärvi (P. Lehtinen). *ibid.*:7.
- Formica clara* Forel (*lusatica* Seif.) *Ks*. *ibid.*:7.
- Arachnospila alvarabnormis* Wolf *N*: Hanko (S. Karjalainen & L. Pulli). *ibid.*:8.
- Psenulus schencki* (Tourn.) *Ab*: Turku (I. Kakko). *ibid.*:8.
- Pempredon mortifer* Valk. *Sa*: Joutseno (E. Thunberg). *ibid.*:8.
- Crabro ingricus* (Moraw.) *Ks*: Kuusamo (K. Mattila). *ibid.*:8.
- Hylaeus paulus* Bridw. *N*: Inkoo. *ibid.*:9.
- Andrena bluethgeni* Stoeckh. *Al*: Maarianhamina (M. Raekunnas), *Sa*: Lappeenranta (A. Valtonen & J. Jantunen). *ibid.*:9.
- Halictus leucaheneus* Ebm. *Sa*: Valkeala (A. Valtonen & J. Jantunen). *ibid.*:11.
- Osmia bicornis* (L.) (*rufa* (L.)) *Sa*: Imatra & Lappeenranta. Saarinen 2006 Suomen Luonto 65(6):16. Paukkunen *et al.* 2009:13.
- *bicolor* (Schr.) *N*: Inkoo (P. Malinen). Paukkunen *et al.* 2009:13.
- *svenssoni* Tkalcu *Le*: Enontekiö. *ibid.*:14.
- Coelioxys alata* Först. *N*: Siuntio (J. Pöyry), *Sa*: Mikkeli (J. Pöyry). *ibid.*:14.
- Nomada ferruginata* (L.) *N*: Helsinki & Porvoo. *ibid.*:15.
- *succincta* Panz. *N*: Vantaa (T. Salin). *ibid.*:17.

Table 1. Number of insect species of different orders reported at different times.

	1950	1975	2000	2005	2010
Collembola	156	170	218	215	242
Diplura	1	1	1	1	1
Protura	1	3	3	3	3
Thysanura	4	4	4	5	5
Ephemeroptera	57	49	51	55	55
Odonata	50	51	52	54	57
Plecoptera	35	35	35	35	35
Dermaptera	2	2	2	2	2
Orthoptera	35	36	32	32	32
Dictyoptera	6	6	7	7	7
Psocoptera	51	57	62	67	71
Phthiraptera	147	223	292	294	294
Hemiptera	902	1,148	1,359	1,428	1,549
Thysanoptera	113	113	114	118	139
Neuroptera	61	62	62	63	66
Coleoptera	3,239	3,472	3,629	3,657	3,700
Strepsiptera	6	7	5	5	5
Trichoptera	202	202	205	215	216
Lepidoptera	2,071	2,240	2,378	2,509	2,558
Mecoptera	6	6	6	6	6
Diptera	4,098	4,782	5,237	5,550	6,212
Siphonaptera	44	45	52	52	54
Hymenoptera	3,700	4,962	5,975	6,158	6,304
Total	14,987	17,752	19,549	20,516	21,613

Comments

Humala (2003) described three new *Plectiscidea*-species from Finland (*P. fuscifemur*, *P. helleni* and *P. kaponeni*), *Helictes carinata* from Finland and the Far East, and *Helictes karelica* from Finland and Karelia, but he did not include any type designations for those species. Those names were therefore unavailable according to the present Code of Nomenclature (Art. 16.4). In 2008 the *Plectiscidea* species were described in an appropriate way.

Table 1 shows how the number of reported species has changed in the different insect orders since 1950. This might give some indication on potential future development.

Present number: $6,158 - 73 + 219 = 6,304$ spp.