

Changes 2011–2015 in the list of Finnish insects

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During the period of 2011–2015 251 species were deleted from the list of Finnish insects and 1,481 species were added to it. At the end of year 2015 a total of 22,844 insect species were known from Finland.

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1. Introduction

This paper is a sequel to the similar list published in 2012 (Silfverberg, Entomol. Fennica 23: 18–41), which itself was a continuation of a series of lists published in 1921–2007 first by Hellén and then by Silfverberg. The insect species added to and deleted from the fauna of Finland during the five-year period are listed, with references. A few previously unnoted changes have also been included.

2. Materials and methods

For the new species the locality has generally been given with its biogeographical province. If the species has been reported from many localities, often only the provinces have been listed, or the abbreviation m. l. (= many localities) has been used. When Finland is mentioned as the locality, the original record did not include any exact location. Other abbreviations or symbols used in this paper are: * = new to science, ! = different from the check list mentioned for the order, f. d. = false determination, sp. dist. = distinct species (previously considered a variety, a synonym, etc.; in literature references: EF = Entomologica Fennica. The abbreviation *ibid.* (= *ibidem*) refers to the same article mentioned for the preceding spe-

cies. The whole record of a species is enclosed in square brackets when it is considered accidentally imported, and has not been included in the total number of species. Only the species name is in square brackets when the name used in the original record is different from the one used here.

A new province catalog of Finnish Coleoptera has been published (Rassi *et al.* 2015, Sahlbergia 21, Suppl. 1: 2–164.). During the work on that catalog many old records were checked, and in some cases they were found to be based on misidentifications, or otherwise incorrect. In the catalog, such species were omitted. However, in this list they are included under deletions as “dubious records”, with a reference to the page where they would have been mentioned.

In the new check-list of Finnish Diptera (Kahanpää & Salmela (eds) 2014, ZooKeys 441: 1–416), several authors list numerous species without any closer locality. They are presented here with just the information “Finland”. The family Chironomidae has been treated by Paasivirta (in Kahanpää & Salmela 2014). He includes a considerable number of unnamed species (52 spp.). They have not been included here. He has also omitted some species that were mentioned in old lists, considering those records unreliable, but he did not give any details. Those species are listed in deletions with the text “doubtful record”.

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

	1950	1975	2000	2010	2015
Collembola	156	170	218	242	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	57	60
Plecoptera	35	35	35	35	35
Dermaptera	2	2	2	2	3
Orthoptera	35	36	32	32	32
Dictyoptera	6	6	7	7	7
Psocoptera	51	57	62	71	70
Phthiraptera	147	223	292	294	294
Hemiptera	902	1,148	1,359	1,549	1,580
Thysanoptera	113	113	114	139	147
Neuroptera	61	62	62	66	71
Coleoptera	3,239	3,472	3,629	3,700	3,730
Strepsiptera	6	7	5	5	5
Trichoptera	202	202	205	216	219
Lepidoptera	2,071	2,240	2,378	2,558	2,597
Mecoptera	6	6	6	6	7
Diptera	4,098	4,782	5,237	6,212	6,950
Siphonaptera	44	45	52	54	54
Hymenoptera	3,700	4,962	5,975	6,304	6,677
Total	14,987	17,752	19,549	21,613	22,844

3. Additions to and deletions from the list of Finnish insects

During the period of 2011–2015, 251 insect species have been deleted from the Finnish fauna and 1,481 species have been added to it. At the end of year 2015, a total of 22,844 insect species were known from Finland (Table 1).

Odonata

Korentowiki. <http://www.sudenkorento.fi/kwiki> (11 November 2011)

Additions

Lestes virens (Charp.) *N*: Vantaa. Friman 2012 *Crenata* 5:39.

Anax parthenope (Sélys) *N*: Ingå Kopparnäs (J. Tvrdu). Karjalainen 2014 *Crenata* 7:10.

Sympetrum fonscolombii (Sélys) *N*: Helsinki, *Ta*: Hämeenlinna (Järveläinen). Päivinen 2012 *Crenata* 5:39. Karjalainen 2014:11.

Present number: 57 + 3 = 60 spp.

Dermaptera

Additions

Apterygida media (Hagenb.) *Al*. Mannerkoski,

Ahlroth & Albrecht 2010 Suomen Punainen Lista, p. 392; Luuri & Virén 2012 Memoranda Soc. Fauna Flora Fenn. 88:103.

Present number: 2 + 1 = 3 spp.

Psocoptera

Deletions

Blaste quadrimaculata (Latr.) (f. d.). Kanervo 2012 *Sahlbergia* 17(2):44.

Present number: 71 – 1 = 70 spp.

Hemiptera

Albrecht, A., Rinne, V., Söderman, G. & Mattila, K. 2015. Check-list of Finnish Hemiptera. — *Jalla* 1: 1–29.

Additions

Nesidiocoris tenuis (Reut.) Finland. Albrecht *et al.* 2015:20.

Campyloneura virgula (Herr.-Sch.) Finland. *ibid.*:20.

Deraeocoris morio (Boh.) Finland. *ibid.*:21.

- *ruber* (L.) Finland. *ibid.*:21.

Reuteria marqueti Puton Finland. *ibid.*:22.

- Psallus flavellus* Stich. Finland. *ibid.*:23.
 - *piceae* (Reut.) Finland. *ibid.*:23.
Reduvius personatus (L.) *N*: Porkkala Rönnskär.
 Rintala 2012 Luonnon Tutkija 116:159.
 [Cimex hemipterus (F.)] *N*: Helsinki. Rintala & Rinne
 2011 Suomen luteet (2nd ed.), p. 351.
 [Nezara viridula (L.)] Finland. Albrecht *et al.*
 2015:28.
Pinthaeus sanguinipes (F.) Finland. *ibid.*:28.
Eurybregma nigrolineata (Scott) Finland. *ibid.*:11.
Chlorion stenoptera (Flor) Finland. *ibid.*:11.
 - *vasconica* Rib. Finland. *ibid.*:11.
Ditropis flavipes (Sign.) Finland. *ibid.*:11.
Hauptidia distinguenda (Kirschb.) Finland. *ibid.*:15.
Neoaliturus fenestratus (Herr.-Sch.) Finland. *ibid.*:15.
Doratura impudica Horv. Finland. *ibid.*:16.
Lamprotettix nitidulus (F.) Finland. *ibid.*:16.
Cicadula ciliata (Osborne) Finland. *ibid.*:16.
Handianus flavovarius (Herr.-Sch.) Finland. *ibid.*:16.
Arthaldeus arenarius Rem. Finland. *ibid.*:18.
Sorhoanus schmidti (Wagn.) *Lk*: Savukoski. *ibid.*:18.
 Salmela *et al.* 2015 Metsähallituksen luonnon-
 suojelujulkaisu A221:33.
Bactericera parastricola Conci *et al.* Finland. Albrecht
et al. 2015:10.
 - *substriola* Oss. Finland. *ibid.*:10.
Cinara nigrirergi Mamont. Finland. *ibid.*:9.
Stomaphis quercus (L.) Finland. *ibid.*:9.
Thecabius lysimachiae Börn. Finland. *ibid.*:3.
Melaphis rhois (Fitch) Finland. *ibid.*:3.
Caricosipha paniculatae Börn. Finland. *ibid.*:5.
Myzus myosotidis (Börn.) Finland. *ibid.*:7.
Aulacorthum aegopodii Börn. Finland. *ibid.*:8.
Atrococcus cracens Will. Finland. *ibid.*:1.

Present number: 1,549 + 31 = 1,580 spp.

Thysanoptera

Deletions

Thrips paucisetosus Priesn. (= *T. angusticeps* Uzel)
 zur Strassen 1996 Entomol. Nachr. Ber. 40:114.

Additions

Rhipidothrips brunneus (Will.) Finland. Kopro 2011
 Norw. J. Ent. 58:21.

Dendrothrips ornatus (Jabl.) Finland. *ibid.*:21.

Thrips albopilosus Uz. Finland. *ibid.*:23.

- *minutissimus* L. Finland. *ibid.*:23.

Euchaetothrips (as *Baliothrips*) *kroli* (Schille) Fin-
 land. *ibid.*:21.

Stenothrips graminum Uz. Finland. *ibid.*:22.

Rhaphidothrips longistylus Uz. Finland. *ibid.*:22.

Hoplothrips propinquus Bagn. *Al* (m. l.). Nieminen *et*
 Vikberg 2015 Ent. Fenn. 26:52.

Liothrips vaneeckei Priesn. Finland. Kopro 2011.:24.

Present number: 139 – 1 + 9 = 147 spp.

Neuroptera

Rintala, T., Kumpulainen, T. & Ahlroth, P. 2014.
 Suomen verkkosiipiset. — Tibiale Oy, Helsinki,
 184 pp.

Additions

Chrysopa commata Kis *et Ujh. Ab, N, St, Ta.* Rintala *et*
al. 2014:110.

- *gibeauxi* (Leraut) (sp. dist.) *N*: Hanko (E. Glowacka).
 Tillier *et al.* 2014 Bull. Soc. Entomol. France
 119:523.

Peyerimhoffina gracilis (Schneid.) *Al*: Sund. Rintala *et*
al. 2014:115.

Wesmaelius balticus (Tjed.) *N*: Hanko. *ibid.*:81.

Osmylus fulvicephalus (Scop.) *Ab*: Pusula. Viitanen
 2014 Diamina 23:1. Rintala *et al.* 2014:69.

Present number: 66 + 5 = 71 spp.

Mecoptera

Rintala, T., Kumpulainen, T. & Ahlroth, P. 2014.
 Suomen verkkosiipiset. — Tibiale Oy, Helsinki,
 184 pp.

Additions

Panorpa vulgaris Imh. *et* Labr. (sp. dist.) *Al – Ob.*
 Rintala *et al.* 2014:125.

Present number: 6 + 1 = 7 spp.

Coleoptera

Heliövaara, K., Mannerkoski, I., Muona, J., Siitonen, J. &
 Silfverberg, H. 2014. Hyppivät ja hohtavat. Suomen
 sepät, sepikät, rikkasepät ja jalokuoriaiset. – Metsä-
 kustannus, 343 pp.

Rassi, P., Karjalainen, S., Clayhills, T., Helve, E., Hyvärinen,
 E., Laurinharju, E., Malmberg, S., Mannerkoski,
 I., Martikainen, P., Mattila, J., Muona, J., Pentinsaari,
 M., Rutanen, I., Salokannel, J., Siitonen, J. & Silfver-
 berg, H. 2015. Kovakuoriaisten maakuntaluettelo
 2015. [Provincial list of Finnish Coleoptera 2015] –
 Sahlbergia 21, Suppl. 1: 2–164.

Deletions

Bembidion mckinleyi Fall Dubious record. Rassi *et al.*
 2015:17.

Acrotichis suecica Sundt (f. d.) Sörensson 1994 Ento-
 mol. Tidskr. 115:171.

Hydnobius punctatus (Sturm) Dubious record. Rassi *et*
al. 2015:34.

Agathidium mandibulare Sturm Dubious record.
ibid.:36.

Omalius imitator Luze Dubious record. *ibid.*:41.

Geodromicus nigrata (Müll.) Dubious record. *ibid.*:43.

- Batrissodes adnexus* (Hampe) Dubious record. *ibid.*:45.
- Mycetoporus angularis* Muls. et R. Dubious record. *ibid.*:47.
- Aleochara maculata* Bris. Dubious record. *ibid.*:50.
- Oxyptoda recondita* Kraatz Dubious record. *ibid.*:51.
- *arborea* Zerche Dubious record. *ibid.*:51.
- *testacea* Er. Dubious record. *ibid.*:51.
- Calodera uliginosa* Er. Dubious record. *ibid.*:52.
- Atheta aquatica* (Thoms.) Dubious record. *ibid.*:60.
- Cypha discoidea* (Er.) Dubious record. *ibid.*:67.
- Carpelimus halophilus* (Kies.) Dubious record. *ibid.*:69.
- Bledius pallipes* (Grav.) Dubious record. *ibid.*:69.
- Anotylus complanatus* (Er.) Dubious record. *ibid.*:70.
- Scopaeus minutus* Er. Dubious record. *ibid.*:75.
- Neobisnius prolixus* (Er.) Dubious record. *ibid.*:79.
- Heterothops binotatus* (Grav.) Dubious record. *ibid.*:80.
- *dissimilis* (Grav.) Dubious record. *ibid.*:80.
- Quedius maurorufus* (Grav.) Dubious record. *ibid.*:81.
- Lamprodila rutilans* (F.) (f. d., = *L. decipiens* (Geb.)). Muona 2012 Sahlbergia 18(2):4.
- Agrilus delphiniensis* Ab. (f. d., = *A. pseudocyaneus* Kiesw.). Muona 2012 Sahlbergia 18(2):11.
- *suvorovi* Obenb. (*populneus* Schaeff.) (f. d., = *A. viridis* (L.)). Heliövaara *et al.* 2014:279.
- Malthodes maurus* (Lap.) Dubious record. Rassi & Al. 2015:95.
- Atomaria rhenonum* Kr. Dubious record. *ibid.*:111.
- Orthoperus nigrescens* Steph. (f. d.). Rutanen 2015 Sahlbergia 21(2):44.
- Longitarsus plantagomaritimus* Dollm. Dubious record. Rassi *et al.* 2015:141.
- *absynthii* Kutsch. Dubious record. *ibid.*:141.
- Mesotrichapion scandinavicum* (Dieckm.) Dubious record. *ibid.*:147.
- Sibinia pellucens* (Scop.) Dubious record. *ibid.*:154.
- Anthonomus pedicularius* (L.) Dubious record. *ibid.*:154.
- Cleopomiarus graminoides* (Kang.) (= *C. graminis* (Gyll.)). Caldara 2013 Catal. Pal. Coleopt. 8:52.
- Limnobaris reitteri* Munst. (= *L. t-album* (L.)) Prena 2011 Catal. Pal. Coleopt. 7:252.
- Hylastes ater* (F.) Dubious record. Rassi *et al.* 2015:161.
- Additions**
- Suphrodytes figuratus* (Gyll.) (sp. dist.) *Lk-Li*. Rassi *et al.* 2015:10.
- Patrobus australis* J. Sahlb. (sp. dist.) *Al-Ks*. *ibid.*:16.
- Stenolophus teutonius* (Schrank) *Al*: Jomala. Clayhills *et al.* 2015 Memoranda Soc. Fauna Flora Fenn. 91:122. Rassi *et al.* 2015:23.
- Helophorus obscurus* Muls. *Al*: Eckerö. Clayhills 2014 Koleopt. Rundsch. 84:354.
- Cercyon castaneipennis* Vorst *Al-Oa*. Rassi *et al.* 2015:28.
- Margarinotus carbonarius* (Hoffm.) *N*. *ibid.*:30.
- Ptenidium turgidum* Thoms. *Al*: Finström. Clayhills *et al.* 2015:122.
- *intermedium* Wank. *Ab*. Rassi *et al.* 2015:32.
- Micropeplus dokuchaevi* Rjab. *Sa*. *ibid.*:44.
- *longipennis* Kr. *Ka*. *ibid.*:44.
- Rybaxis laminata* (Motsch.) *Al-Ta*. *ibid.*:45.
- Mycetoporus reichei* Pand. *N, Ta, Sb*. *ibid.*:47.
- Cilea exilis* (Boh.) *Ka*. *ibid.*:49
- Atheta nitella* Brund. *N*. *ibid.*:58.
- *hybrida* (Sharp) *Ab*. *ibid.*:59.
- Gyrophana obsoleta* Ganglb. *Tb*. *ibid.*:65.
- **Bolitochara tecta* Assing, 2014. *N*: Kauniainen (Lott), *Sb*: Kuopio (Levander). Assing 2014 Stuttgart. Beitr. Naturk. (N.s.) 7:41.
- Pseudomicrodota paganettii* (Bernh.) *N*. Rassi *et al.* 2015:66.
- Cypha apicalis* (Bris.) *Ka*. *ibid.*:67.
- Carpelimus subtilis* (Er.) *Al*: Eckerö. Clayhills 2014:354.
- Oxytelus assingi* Schülke *Ks*: Oulanka. Martikainen 2013 Metsähallitus Rap. 41:11.
- Achenium humile* (Nicol.) *Al*: Kökar. Pentinsaari 2014 Sahlbergia 20(2):20.
- Xantholinus gallicus* Coiff. *N, Sa*. Rassi *et al.* 2015:76.
- Bisnius pseudoparcus* (Brunne) *N*. Rassi *et al.* 2015:77.
- Philonthus laevicollis* (Lac.) *Kl*: Parikkala. Salokannel 2015 Diamina 24:2.
- Staphylinus dimidiaticornis* Gemm. *Al*: Lemland et Jomala. Clayhills 2014:354.
- Tasgius morsitans* (Rossi) *N*. Rassi *et al.* 2015:80.
- Quedius pseudolimbatus* Strand *Ob-Lk*. *ibid.*:81.
- [*Calyptomerus dubius* (Marsh.) *N*: Helsingfors Drumsö (B. Pettersson 1939). Martikainen & Rutanen 2012 Sahlbergia 18:19,22.]
- Clambus lohsei* Meyb. *Ab-Ob*. *ibid.*:17,22.
- Scirtes orbicularis* (Panz.) *N, Ta*. Rassi *et al.* 2015:86.
- Lamprodila decipiens* (Geb.) *Ab, N, Sa*. (formerly identified as *L. rutilans* (F.)). Muona 2012 Sahlbergia 18(2):4. Heliövaara *et al.* 2014:234.
- Agrilus pseudocyaneus* Kiesw. *Sb*: Vehmersalmi (formerly identified as *A. delphinensis* Ab.). Muona 2012 Sahlbergia 18(2):11. Heliövaara *et al.* 2014:260.
- Dryops luridus* (Er.) *Al*: Lumparland. Pentinsaari 2014:20.
- Hylis olexai* (Palm) *Ka*: Joutseno (Vilén). Clayhills 2014:355.
- Trixagus meyhohmi* Leseign. *Al, Ab, N*. Clayhills & Clayhills 2011 Memoranda Soc. Fauna Flora Fenn. 87:121. Clayhills 2014:355.
- Pria dulcamarae* (Scop.) *Al, N*. Clayhills *et al.* 2012

- Memoranda Soc. Fauna Flora Fenn. 88:101. Clayhills 2014:355.
- Glischrochilus grandis* (Tourn.) Ka: Imatra, Sa: Lappeenranta. Clayhills 2011 Koleopterol. Rdsch. 81:315.
- Phalacrus championi* Guill. Kl: Parikkala. Salokannel 2015 Diamina 24:2.
- Micrambe woodroffei* Johns. Al: Lemland, Flaka. Clayhills et al. 2013 Memoranda Soc. Fauna Flora Fenn. 89:202. Clayhills 2014:356.
- Cryptophagus nitidulus* Mill. N. Rassi et al. 2015:110.
- Atomaria pseudaffinis* Johns. et Str. (sp. dist.) N, Kb, Ks, Li. Rassi et al. 2015:112.
- Ephistemus reitteri* Cas. Al-Ka. ibid.:112.
- Cryptophilus obliterated* Rtt. Ka. ibid.:112.
- [*Orthoperus atomarius* (Heer) N: Helsinki. Rutanen 2015 Sahlbergia 21:43.]
- Enicmus testaceus* (Steph.) Al: Jomala and Lemland. Clayhills 2011:316.
- Corticaria subamurensis* Saluk N, Ka, Sa. ibid.:316.
- Migneauxia lederi* Rtt. Ka. Rassi et al. 2015:119.
- Mycetophagus ater* (Rtt.) Kb. ibid.:120.
- Mordellaria aurofasciata* (Com.) Ka. ibid.:122.
- Mordellistena falsoparvula* Erm. Ka, Kl, Kb. Clayhills 2014:356.
- Corticus unicolor* Pill. et Mitt. N. Rassi et al. 2015:126.
- Euglenes nitidifrons* (Thoms.) Ab. ibid.:129.
- Leptura nigra* L. Ab. ibid.:131.
- Anoplophora glabripennis* (Motsch.) N: Järvenpää, Vantaa. Kasvinsuojelulehti 44:59 (2011). Tikkanen 2015 Suomen Luonto 74(9):11.
- Crioceris duodecimpunctata* (L.) N, Sa. Rassi et al. 2015:135.
- Oulema rufocyanea* (Suffr.) Al: Eckerö and Mariehamn. Clayhills 2014:356.
- Gonioctena sundmani* (Jacobs.) Ks. Rassi et al. 2015:138.
- Phyllotreta astrachanica* Lop. Ab, N. ibid.:140.
- Longitarsus exsoletus* (L.) Ab: Dragsfjärd. Pentinsaari 2014:20.
- *reichei* (All.) Al-N, Ta. Rutanen & Martikainen 2014 Sahlbergia 20:29.
- Cassida vittata* Vill. Ab, N. Rassi et al. 2015:144.
- Nanophyes globiformis* (Kiesw.) Ka. ibid.:148.
- Trachyploeus scabriculus* (L.) N. ibid.:149.
- Archarius pyrrhoceras* (Marsh.) Al (m. 1.). Clayhills 2014:356. Valtonen 2015 Diamina 24:15.
- Miarus monticola* Petri (*fennicus* Kang.) (sp. dist.) Finland. Caldara 2013 Catal. Pal. Coleopt. 8:140.
- Bagous claudicans* Boh. Ab: Dragsfjärd Öro. Clayhills 2011:317.
- Rhinoncus albicinctus* Gyll. N, Sa. Rassi et al. 2015:158.

Trypophloeus dejevi (Stark) Le: Enontekiö Jatuni (Å. Lindelöw). Lindelöw & Kvamme 2013 Norweg. Journ. Entomol. 60:91.

Present number: 3,700 – 37 + 67 = 3,730 spp.

Trichoptera

Additions

- Setodes punctatus* (F.) Ka: Kotka. Salokannel & Mattila 2012 Diamina 21:3.
- Ceraclea riparia* (Alb.) Ka: Kotka. ibid.:3.
- Oecetis tripunctata* (F.) Ka: Kotka. ibid.:3.

Present number: 216 + 3 = 219 spp.

Lepidoptera

Silvonen, K., Top-Jensen, M. & Fibiger, M. 2014. Suomen päivä- ja yöperhoset – maastokäsikirja. A Field Guide to the Butterflies and Moths of Finland. — Bugbook Publishing, Østermarie, 820 pp.

Deletions

Leptidea reali Reiss. (f. d.) Saarinen, Jantunen & Lehtonen 2013 Baptria 38:20.

Additions

- Phyllonorycter maestingellus* (Müll.) Al: Sund. Välimäki et al. 2012 Baptria 37:43.
- **Argyresthia svenssoni* Bengts. et Johans. Ob. Bengtsson & Johansson 2012 Entomol. Tidskr. 132:261.
- Schiffermuelleria schaefferella* (L.) Ab: Salo. Mutanen & Mutanen 2013 Baptria 38:114. Kontiokari 2014 Baptria 39:107.
- Coleophora lineolea* (Haw.) N: Raasepori. Baptria 38:36. Kontiokari 2014:107.
- *galbulipennella* Zell. Ka: Virolahti. ibid.:107.
- *silenella* Herr.-Sch. Lk: Kemijärvi. ibid.:109.
- Denisia luticiella* (Ersch.) N: Espoo. ibid.:107.
- Scythris sinensis* (Feld. et Rog.) Ka: Virolahti. ibid.:109.
- Sorhagenia rhamniiella* (Zell.) Al. Laasonen & Laasonen 2012 Memoranda Soc. Fauna Flora Fenn. 88:103. Kontiokari 2014:107.
- Gelechia scotinella* Herr.Sch. N: Vantaa. Kontiokari 2014:107.
- Neofriseria singula* (Staud.) N: Hanko. ibid.:107.
- Chamaesphecia aerifrons* (Zell.) Al: Lemland. Silvonen et al. 2014:95. Kontiokari 2014:107.
- Aethes beatricella* (Wals.) N: Kirkkonummi. Kontiokari 2014:107.
- Phalonidia udana* (Guen.) (sp. dist.) Al, Ab, N, Kl, Ob. Mutanen et al. 2012 Zootaxa 3262:8.

- Ptycholomoides aeriferana* (Herr.-Sch.) *Ab*: Salo, *N*: Vantaa. *Kontiohari* 2014:109.
- Pristerognatha penthinana* (Guen.) *Sa*: Joutseno. *ibid.*:107.
- Retinia perangustana* (Snell.) *N*: Vantaa. *ibid.*:109.
- Endotricha flammealis* (Den. et Schiff.) *Ab*: Dragsfjärd. *ibid.*:106.
- Grapholita fissana* (Fröl.) *Al*: Maarianhamina. *ibid.*:109.
- Selagia argyrella* (Den. et Schiff.) *Ab*: Kemiönsaari, *Ka*: Hamina. *ibid.*:107.
- Eccopisa effractella* Zell. *Ka*: Hamina. *ibid.*:109.
- Homoeosoma nimbella* (Dup.) *N*: Hanko. *ibid.*:109.
- Ecpyrrhorrhoe rubiginalis* (Hb.) *Ka*: Virolahti. *ibid.*:107.
- Leptidea juvernica* Will. *Ka, Ta, Sa, Kl*. Saarinen, Jantunen & Lehtonen 2013 *Baptria* 38:20. Saarinen 2014 *Baptria* 39:10. Saarinen 2015 *Baptria* 40:8.
- Euphydryas ichnea* (Boisd.) *N*: Helsinki. Silvonon *et al.* 2014:172.
- Cyclophora porata* (L.) *Ab*: Dragsfjärd. Silvonon *et al.* 2014:251. *Kontiohari* 2014:107.
- Cabera leptographa* Wehrli *Ka*: Virolahti. Silvonon *et al.* 2014:401. *Baptria* 38:36. *Kontiohari* 2014:107.
- Ennomos quercinarius* (Hufn.) *Ka*: Virolahti. *Kontiohari* 2014:109.
- Eversmannia exornata* (Eversm.) *Ka*: Virolahti. *ibid.*:109.
- Earias vernana* (F.) *N*: Tvärminne. Helomaa 2013 *Baptria* 38:84. *Kontiohari* 2014:107.
- Meganola albula* (Den. et Schiff.) *Al-Ka*. Silvonon *et al.* 2014:420.
- Holoarctia puengeleri* (Bang-H.) *Le*: Kilpisjärvi. Silvonon *et al.* 2014:447. Saarinen & Kullberg 2014 *Baptria* 39:50. *Kontiohari* 2014:107.
- Catocala elocata* (Esp.) *N*: Kauniainen (old record). Silvonon *et al.* 2014:475.
- Minucia lunaris* (Den. et Schiff.) *N*: Hanko, Kirkkonummi, Porvoo. Karvonen 2011 *Baptria* 36:38. Silvonon *et al.* 2014:477. *Kontiohari* 2014:107.
- [*Chrysodeixis chalcites* (Esp.)] *N*: Helsinki, Espoo. Silvonon *et al.* 2014:482.
- Callopietria juvenina* (Stoll) *N*: Tammisaari, Inkoo, Loviisa. Leponiemi 2012 *Baptria* 37:36. Silvonon *et al.* 2014:532. *Kontiohari* 2014:107.
- Bryophila domestica* (Hufn.) *N*: Hanko. Silvonon *et al.* 2014:534.
- Apamea zeta* (Treitschke) *Ks*: Kuusamo. *ibid.*:573.
- Resapamea hedeni* (Graes.) *Ka*: Virolahti. Leponiemi 2012 *Baptria* 37:36. Silvonon *et al.* 2014:575. *Kontiohari* 2014:107.
- Cirrhia ocellaris* (Borkh.) *Ab, N*. Silvonon *et al.* 2014:583.
- Hyssia cavernosa* (Eversm.) *Ka*: Virolahti. Savolainen 2012 *Baptria* 37:40. Silvonon *et al.* 2014:628. *Kontiohari* 2014:107.
- Present number: 2,558 – 1 + 40 = 2,597 spp.

Diptera

- Haarto, A. & Winqvist, K. 2014. Muutoksia Suomen kaksisiipisfaunassa (Insecta: Diptera). — *w-album* 16:1–19.
- Jakovlev, J., Salmela, J., Polevoi, A., Penttinen, J. & Varti-ja, N.-A. 2014. Recent noteworthy findings of fungus gnats from Finland and northwestern Russia (Diptera: Ditomiyidae, Keroplatidae, Bolitophilidae and Mycetophilidae). — *Biodiversity Data Journ.a* 2:e1068, 1–139.
- Kahanpää, J. 2013c. Viisikymmentä Suomelle uutta kärpäslajia (Diptera: Brachycera). — *Sahlbergia* 19:63–71.
- Kahanpää, J. & Salmela, J. (eds.) 2014. Checklist of the Diptera of Finland. — *ZooKeys* 441:1–416.
- Salmela, J., Siivonen, S., Dominiak, P., Haarto, A., Heller, K., Kanervo, J., Martikainen, P., Mäkilä, M., Paasivirta, L., Rinne, A., Salokannel, J., Söderman, G. & Vilkamaa, P. 2015. Malaise-hyönteispyynti Lapin suoje-lualueilla 2012–2014. — *Metsähallituksen luonnon-suojelujulk.* A221:1–143.
- Vilkamaa, P., Heller, K. & Hippa, H. 2013a. New species of Sciaridae (Diptera) to the Finnish Fauna. — *Sahlbergia* 19:20–29.
- Vilkamaa, P., Hippa, H. & Heller, K. 2013b. Taxonomy of the Sciaridae (Diptera) of Northern Europe: description of eight new species. — *Stud. dipterol.* 20:47–58.

Deletions

- Trichocera japonica* Matsum. (f. d.) Salmela & Petrašiūnas in Kahanpää & Salmela 2014:35.
- Dolichocheza nitida* Mik (f. d., = *D. bifida* Oest. et Lants.) *ibid.*:32.
- Prionocera dimidiata* (Loew) (f. d., = *P. chosenicola* Alex.) Salmela 2012 *EF* 22:229.
- Tipula livida* v.d. Wulp (f. d., = *T. circumdata* Siebke) *ibid.*:229.
- *pseudovariipennis* Cziz. (f. d.) Salmela 2012:229.
- Euphyllidorea lineola* (Meig.) (f. d.) *ibid.*:229.
- Idioptera macropteryx* Tjed. (= *I. pulchella* (Meig.)) *ibid.*:229.
- Dicranophragma nemorale* (Meig.) (f. d., = *D. separatum* (Walk.)) *ibid.*:228.
- Hexatoma nubeculosa* (Burm.) (f. d., = *H. fuscipennis* (Curt.)) *ibid.*:229.
- Erioptera fuscipennis* Meig. (f. d., = *E. beckeri* Kze.) *ibid.*:228.
- Symplecta novaesembla* (Alex.) (f. d., = *S. scotica* Edw.) Salmela & Petrašiūnas in Kahanpää & Salmela 2014:27.
- Dicranomyia chorea* (Meig.) (f. d.) *ibid.*:228.

- *schineri* Lacksch. (f. d., = *D. tristis* (Schumm.))
ibid.:228.
- Procladius cinereus* Goetgh. (doubtful record).
Paasivirta in Kahanpää & Salmela 2014:67.
- *parvulus* (Kieff.) (doubtful record). ibid.:67.
- *rivulorum* (Kieff.) (doubtful record). ibid.:67.
- Potthastia spinacies* (Sæth.) (doubtful record).
ibid.:68.
- Bryophaenocladus propinquus* (Brund.) (doubtful record).
ibid.:69.
- Epoicocladus gynocera* Edw. (doubtful record).
ibid.:72.
- Eukiefferiella quadridentata* Chern. (doubtful record).
ibid.:72.
- *tshernovskii* Pankr. (doubtful record). ibid.:72.
- Heterotanytarsus cinereipennis* (Lundstr.) (doubtful record).
ibid.:73.
- Metricnemus obscuripes* (Holmgr.) (doubtful record).
ibid.:75.
- *tristellus* Edw. (doubtful record). ibid.:75.
- Rhecricotopus tirolus* Lehm. (doubtful record).
ibid.:78.
- Orthocladus scanius* Brund. (doubtful record).
ibid.:75.
- *lacteipennis* Lundstr. (doubtful record). ibid.:75.
- Smittia bicolorata* (Goetgh.) (doubtful record).
ibid.:78.
- Tvetenia paucunca* (Sæth.) (doubtful record). ibid.:79.
- Chironomus dissidens* Walk. (= *Benthalia carbonaria* (Meig.))
Paasivirta 2012 *Chironomus* 25:70.
- *obtusidens* Goetgh. (doubtful record). Paasivirta in
Kahanpää & Salmela 2014:81.
- *striatus* Strentzke (doubtful record). ibid.:81.
- Cryptotendipes holsatus* Lenz (doubtful record).
ibid.:82.
- *nigronitens* (Edw.) (doubtful record). ibid.:82
- Microtendipes albitarsis* (Lundstr.) (doubtful record).
ibid.:83.
- Sergentia psiloptera* (Edw.) (doubtful record).
ibid.:85.
- Micropsectra fusca* (Meig.) (f. d., = *M. roseiventris* (Kieff.))
ibid.:87.
- Tanytarsus pseudolestagei* Shil. (doubtful record).
ibid.:89.
- Palpomyia transfuga* (Staeg.) (= *P. serripes* (Meig.))
Huldén & Huldén in Kahanpää & Salmela
2014:58.
- Dasyhelea obscura* (Winn.) (f. d., = *D. bilineata* (Goetgh.))
ibid.:55.
- *versicolor* (Winn.) (f. d., = *D. bilineata* (Goetgh.))
ibid.:55.
- *sericata* (Winn.) (nom. dub.). Dominiak &
Szadziwski 2010 *Zootaxa* 2437:28.
- Greniera dogieli* (Uss.) (f. d., = *G. ivanovae* Ivasch.).
Ilmonen in Kahanpää & Salmela 2014: 92.
- Metacnephia tabescentifrons* (End.) (= *M. lyra* (Lundstr.))
ibid.: 92.
- Wilhelmia lineata* (Meig.) (f. d.) ibid.:95.
- *fuscipes* (Fries) (not in Finland). ibid.:95.
- Cnetha meigeni* Rubst. et Carlss. (not in Finland).
ibid.:95.
- Simulium verecundum* St. et Jamnb. (f. d., = *S. posticatum* Meig.)
ibid.:94.
- Bolitophila spinigera* Edw. (f. d.) Jakovlev in
Kahanpää & Salmela 2014:144.
- Cordyla styliforceps* (Buk.) (f. d.) ibid.:145.
- Orfelia bicolor* (Macq.) (doubtful record). ibid.:145.
- Macrocera sudetica* Landr. (doubtful record).
ibid.:145.
- Mycomya curvata* (Fish.) (= *M. humida* Garr.)
ibid.:125.
- Monoclona mikii* Kert. (f. d.) ibid.:145.
- Boletina struthioides* Polev. et Hedm. (= *B. jamalensis* Zaitz.).
Polevoi 2013 *Zoosyst. Ross.* 22:115.
- Palaeodocosia alpicola* (Strobl) (f. d.) Jakovlev in
Kahanpää & Salmela 2014:145.
- Mycetophila gratiosa* Winn. (f. d., = *M. luctuosa* Meig.)
ibid.:145.
- *lunata* Meig. (f. d., = *M. sublunata* Zaitz.). ibid.:145.
- *vittipes* Zett. (f. d.) ibid.:145.
- Pseudexechia trisignata* (Edw.) (recorded outside Finland).
ibid.:145.
- Sciara nursei* Freem. (= *S. hebes* (Loew)).
Vilkamaa in Kahanpää & Salmela 2014:162.
- Lycoriella auripila* (Winn.) (f. d.) ibid.:160.
- *obscuratipes* Frey (= *L. parva* (Holmgr.)) ibid.:160.
- Corynoptera tristicula* (Winn.) (doubtful record).
ibid.:157.
- Bradysia subscabricornis* Mohr. et Menz. (= *B. scabricornis* Tuomik.).
Menzel & Müller, 2011 *Stud. Dipterol.* 17:170.
- *subbetuleti* Mohr. et Kriv. (f. d.) Vilkamaa in
Kahanpää & Salmela 2014:154.
- *crassinervis* Frey (doubtful record). ibid.:153.
- *terricola* Frey (doubtful record). ibid.:154.
- Scatopsiara brevicornis* (Zett.) (doubtful record).
ibid.:161.
- Anareta magnicornis* Mam. (= *A. defecta* (Winn.))
Jaschhof et al. in Kahanpää & Salmela 2014:105.
- Catareta brevinervis* (Zett.) (f. d.) ibid.:117.
- Epidosis modesta* (Spung.) (= *Panelusia aurantiaca* (Panel.))
ibid.:112.
- Camptomyia maxima* Mam. (f. d.) ibid.:117.
- *piceae* Panel. (f. d.) ibid.:117.
- Anapausis soluta* (Loew) (f. d., = *A. floricola* Chandl.)
Haarto in Kahanpää & Salmela 2014:100, 101.
Haarto & Winqvist 2014:16.
- Rhegmoclema edwardsi* (Coll.) (= *Thripomorpha paludicola* End.)
Haarto in Kahanpää & Salmela 2014:100.

- Swammerdamella acuta* Cook ("aucta") (recorded outside Finland). *ibid.*:101. Haarto & Winqvist 2014:16.
- Xylophagus matsumurae* Miyat. (f. d., = *X. inermis* Kriv. et Kriv.). Kahanpää *et al.* in Kahanpää & Salmela 2014:178.
- Tabanus miki* Brau. (f. d., = *T. bromius* L.). Haarto & Winqvist 2014:16.
- Choerades ursula* (Loew) (f. d., = *C. fuliginosus* (Panz.)). *ibid.*:177.
- Hilara maura* (F.) (recorded outside Finland). Kahanpää in Kahanpää & Salmela 2014:205.
- Rhamphomyia caliginosa* Coll. (f. d., = *R. bohémica* Bart. et Kub.) *ibid.*:186.
- *trigemina* Oldenb. (f. d., = *R. bohémica* Bart. et Kub.) *ibid.*:186.
- *aethiops* Zett. (= *R. caudata* Zett.) *ibid.*:186.
- Chelifera stigmatica* (Schin.) (f. d., = *C. concinnicauda* Coll. *ibid.*:185.
- Sciopus contristans* (Wied.) (f. d., = *S. zonatulus* (Zett.)). *ibid.*:198.
- Rhaphium obscuripes* Zett. (f. d.) *ibid.*:205.
- *antennatum* (Carl.) (f. d.) *ibid.*:205.
- Argyra subarctica* Ringd. (f. d., = *A. setimana* Loew. *ibid.*:200.
- Chrysotus ringdahli* Par. (recorded outside Finland). *ibid.*:205.
- Medetera feminina* Negr. (f. d.) *ibid.*:205.
- Megaselia luteipes* (Schmitz) (f. d.) *ibid.*:222.
- *septentrionalis* (Schmitz) (recorded outside Finland). *ibid.*:222.
- *sordescens* Schmitz (f. d., = *M. producta* (Schmitz)). *ibid.*:219.
- *sinuata* Schmitz (= *M. pulicaria* (Fall.)) *ibid.*:219.
- Syrphus rectus* (Ost.-S.) (= *S. vitripennis* Meig.). Kerppola 2013 *Sahlbergia* 19:31.
- Pipiza bimaculata* Meig. (= *P. notata* Meig.). Vujić *et al.* 2013 *Zool. Scripta* 42:299.
- Chalarus argenteus* Coe (f. d., = *C. spurius* (Fall.)). Kehlmaier in Kahanpää & Salmela 2014:227.
- Dorylomorpha xanthoceroides* (Acz.) (= *D. rufipes* (Meig.)). *ibid.*:229.
- Zodion notatum* (Meig.) (= *Z. cinereum* (F.)). Kahanpää & Stuke in Kahanpää & Salmela 2014:253.
- Homalocephala biseta* (Frey) (= *H. apicalis* Zett.). Kahanpää & Winqvist in Kahanpää & Salmela 2014:268.
- Homoneura interstincta* (Fall.) (f. d., = *H. mediospinosa* Merz). Kahanpää 2013d *Sahlbergia* 19:77.
- *tesquae* (Beck.) (f. d., = *H. biumbata* (Loew)). *ibid.*:72, 77.
- Paroecus signatipes* (Loew). Doubtful record. *ibid.*:77.
- Lyciella thoracica* (Beck.). Doubtful species. Kahanpää in Kahanpää & Salmela 2014:281.
- Sapromyza leningradensis* Czerny (f. d., = *S. opaca* Beck.). Kahanpää 2013d:77.
- *obsoleta* Fall. (f. d.) *ibid.*:77.
- Leucopis impunctata* Ros. Doubtful species. Kahanpää in Kahanpää & Salmela 2014:281.
- *puncticornis* Meig. Doubtful species. *ibid.*:281.
- Leucopomyia alticeps* (Czerny) (f. d., = *L. silesiaca* (Egg.)) *ibid.*:279.
- Phyllomyza tetragona* Hend. (recorded outside Finland). Kahanpää in Kahanpää & Salmela 2014:308.
- Dicraeus vallis* Coll. (= *D. styriacus* Strobl). Nartshuk & Andersson 2013 *Fauna Ent. Scand.* 43:88.
- Meromyza rostrata* Hub. (= *M. nigriventris* Macq.). Nartshuk & Kahanpää in Kahanpää & Salmela 2014: 314.
- Chlorops citrinellus* (Zett.) (= *C. rufinus* (Zett.)). *ibid.*:180.
- *laevicollis* Beck. (= *C. scutellaris* (Zett.)) *ibid.*:182.
- Cetema simile* Ism. (= *C. elongatum* (Meig.)) *ibid.*:157.
- Rachispoda cilifera* (Rond.) (f. d., = *R. anceps* (Stenh.)). Haarto & Kahanpää 2013 *EF* 24:232.
- Limosina hackmani* Roh. (= *Minilimosina unica* (Papp)) (recorded outside Finland). Haarto & Kahanpää in Kahanpää & Salmela 2014:331.
- Psilopa pulicaria* (Halid.) (f. d.). Zatwarnicki & Kahanpää in Kahanpää & Salmela 2014:345.
- Hydrellia argyrognis* Beck. (f. d.) *ibid.*:345.
- *concolor* (Stenh.) (f. d.) *ibid.*:345.
- *fascitibia* (Ros.) (f. d., = *H. obscura* (Meig.)). *ibid.*:341.
- *flavicornis* (Fall.) (f. d., = *H. cochleariae* Halid.) *ibid.*:341.
- *incana* Stenh. (f. d.) *ibid.*:345.
- *lapponica* Stenh. (f. d., = *H. flaviceps* (Meig.)). *ibid.*:341.
- *meigeni* Zatw. (*albiceps* (Meig.)) (f. d.) *ibid.*:345.
- *modesta* Loew (f. d., = *H. thoracica* Halid.) *ibid.*:341.
- *nymphaeae* (Stenh.) (f. d.) *ibid.*:345.
- *tibialis* Cress. (*diadema* Frey) (recorded outside Finland). *ibid.*:345.
- Notiphila stagnicola* (Rob.-Desv.) (f. d.) *ibid.*:345.
- *maculata* Stenh. (f. d., = *N. graecula* Beck.) *ibid.*:342.
- Allotrichoma laterale* (Loew) (f. d., = *A. bezzii* Beck.) *ibid.*:342.
- Glenanthe ripicola* (Halid.) (f. d., = *G. fuscineris* Beck.): *ibid.*:342.
- Gymnoclasiopa aurifacies* (Strobl) (f. d.) *ibid.*:345.
- *plumosa* (Fall.) (f. d.) *ibid.*:345.

- *pulchella* (Meig.) (f. d., = *G. cinerella* (Stenh.))
ibid.:345.
- Philygria nigricauda* (Stenh.) (= *P. vittipennis* (Zett.))
ibid.:343.
- *posticata* (Meig.) (f. d., = *P. femorata* (Stenh.))
ibid.:343.
- Scatella lutosa* (Halid.) (f. d.) ibid.:345.
- Nanna minuta* Beck. (= *N. flavipes* (Fall.)). Kahanpää
& Haarto in Kahanpää & Salmela 2014:352.
- Botanophila rotundivalva* (Ringd.) (f. d.). Michelsen
in Kahanpää & Salmela 2014:380.
- Lasiomma multisetosum* (Ringd.) (doubtful record).
ibid.:380.
- Delia angustiventris* (Zett.) (f. d., = *D. nudicosta*
(Ringd.)) ibid.:380.
- Phorbia bartaki* Ackl. et Mich. (f. d., = *P. melania*
Ackl. & Mich.) ibid.:381.
- Pegomya glabroides* Mich. (recorded outside Fin-
land) ibid.:380.
- *laticornis* (Fall.) (doubtful record) ibid.:380.
- *nigrisquama* (Stein) (doubtful record) ibid.:381.
- *sociella* (Stein) (f. d.) ibid.:381.
- Fannia lineata* (Stein) (f. d., = *F. similis* (Stein)).
Kahanpää & Haarto 2013 EF 24:184.
- Thricops hirsutulus* (Zett.) (= *T. innocuus* (Zett.)). Pont
2011 Zootaxa 2852.
- Phaonia bitincta* (Rond.) (f. d.). Kahanpää & Haarto in
Kahanpää & Salmela 2014:365.
- Lophosceles hians* (Zett.) (= *L. mutatus* (Fall.)). Pont
2011 Zootaxa 2852.
- Helina calceata* (Rond.) (f. d., = *H. cinerella*
(v.d.Wulp)). Kahanpää & Haarto in Kahanpää &
Salmela 2014:362.
- Mydaea electa* (Zett.) (= *M. detrita* (Zett.)). Pont 2011
Zootaxa 2852.
- Spilogona micans* (Ringd.) (f. d., = *S. krogerusi*
(Ringd.)). Kahanpää & Haarto in Kahanpää & Sal-
mela 2014:356.
- *septemnotata* (Zett.) (f. d.) ibid.:365.
- Baumhaueria goniaeformis* (Meig.) (f. d.).
Pohjoismäki & Kahanpää in Kahanpää & Salmela
2014:405.
- Leiophora innoxia* (Meig.) (f. d.) ibid.:406.
- Pseudoperichaeta palesoidea* (Rob.-Desv.) (f. d.).
ibid.:406.
- Lydella grisescens* Rob.-Desv. (f. d.) ibid.:406.
- Senometopia confundens* (Rond.) (f. d.) ibid.:406.
- Thecocarcelia acutangula* (Macq.) (f. d., =
Bactromyia aurulenta (Meig.)) ibid.: 393.
- Erycia festinans* (Meig.) (f. d., = *E. fatua* (Meig.))
ibid.: 394.
- Myxeristops blondeli* (Rob.-Desv.) (f. d., = *M. stolidi*
(Stein)) ibid.: 395.
- Blepharipa scutellata* (Rob.-Desv.) (f. d.) ibid.:405.
- Thelymorpha marmorata* (F.) (doubtful record).
ibid.:406.
- Linnaemya comta* (Fall.) (f. d.) ibid.:406.
- Loewia phaeoptera* (Meig.) (f. d., = *L. erecta* Bergstr.).
ibid.:398.
- Macroprosopa atrata* (Fall.) (f. d.) ibid.:406.
- Graphogaster vestita* Rond. (f. d.) ibid.:406.
- Peribaea fissicornis* (Strobl) (f. d., = *P. hertingi* And.).
ibid.:399.
- Siphona urbana* (Harr.) (= *S. geniculata* (Deg.)) ibid.:
399.
- Billaea fortis* (Rond.) (f. d.) ibid.:406.
- Eriothrix apennina* Rond. (f. d., = *E. argyreata*
(Meig.)) ibid.: 401.
- Periscepsia carbonaria* (Panz.) (f. d., = *Ramonda*
prunaria (Rond.)) ibid.: 401.
- Gymnosoma rotundatum* (L.) (f. d.) ibid.:406.
- Species not included in checklist (Kahanpää & Salme-
la 2014)
- Claspettomysia formosa* (Bremi)
- Arthrocnodax mali* Kieff.
- Mikiola cristata* (Kieff.)
- Reported and afterwards deleted
- Tipula luna* Westh. *Al*: Jomala (mistake for *T. lunata*
L.). Autio & Salmela 2010 Memoranda Soc.
Fauna Flora Fenn. 86:49. Salmela & Petrašiūnas in
Kahanpää & Salmela 2014:
- Trixoscelis canescens* (Loew) *N*: Loviisa (J. Flinck), (f.
d., = *T. frontalis* (Fall.)). Kahanpää 2013c:57,
Kahanpää in Kahanpää & Salmela 2014:323.
- Trichonta palustris* Maxim. *Ks*: Salla (J. Salmela). (f.
d., = *T. nigritula* Edw.) Jakovlev *et al.* 2014:128.
Salmela *et al.* 2015:53.
- Phorbia bartaki* Ackl. et Mich. *N*: Espoo, *Sa*:
Luumäki. (f. d., = *P. melania* Ackl. et Mich.).
Kahanpää 2013c:69. Kahanpää in Kahanpää &
Salmela 2014:381.
- Siphona variata* Anders. (f. d.). Pohjoismäki & Ka-
hanpää in Kahanpää & Salmela 2014:400.
Pohjoismäki *et al.* 2015 Tachinid Times 28:14.
- Additions
- Trichocera lutea* Bech. Finland. Salmela &
Petrašiūnas in Kahanpää & Salmela 2014:23.
- *annulata* Meig. *Ks*: Oulanka. Krzemińska & Gorzka
2014 Acta zool. crakov. 57:2; Salmela &
Petrašiūnas:23
- *antennata* Starý. *Ks*: Ismila. Kreמיńska & Gorzka
2014:2
- *implicata* Dahl *Ks*: Oulanka. Kreמיńska & Gorzka
2014:3; Salmela & Petrašiūnas:23.
- *michali* Krzem. *Ks*: Oulanka. Kreמיńska & Gorzka
2014:3.

- * - *nordica* Krzem. et G. Ks: Oulanka. *ibid.*:5.
 - *recondita* Starý Ks: Oulanka. *ibid.*:7.
 - *rufescens* Edw. Ks: Oulanka. Kremlínska & Gorzka 2014:8; Salmela & Petrašiūnas:23.
 - *sparsa* Starý et Mart. Ks: Oulanka. Kremlínska & Gorzka 2014:8; Salmela & Petrašiūnas:23.
 - *dahlae* Mendl *Ab*: Pusula. Viitanen 2015 *Diamina* 24:4.
Ctenophora nigriceps (Tjed.) *Kb*: Lieksa. Salmela 2012 *EF* 22:227.
Dolichozepea bifida Oest. et Lants. Salmela & Petrašiūnas in Kahanpää & Salmela 2014:32.
Nephrotoma lundbecki (Niels.) *Le*. Salmela 2012:240.
Tipula jutlandica Niels. *Kl*: Parikkala (J. Mattila). Salmela 2009 *Zoosymposia* 3:254.
 - *pabulina* Meig. *N*. *ibid.*:253.
 - *stenostyla* Savch. *Ta, Sb*. *ibid.*:257.
 * - *recondita* Pilip. et Salm. *Lk*: Kittilä. Pilipenko *et al.* 2012 *Zookeys* 192:51.
 - *pauli* Mannh. Finland. Salmela & Petrašiūnas in Kahanpää & Salmela 2014:34.
Austrolimnophila harperi (Alex.) *Ks, Lk, Le*. Salmela 2012:223.
Eleophila mundata (Loew) Finland. Salmela & Petrašiūnas in Kahanpää & Salmela 2014:27.
Dicranophragma separatum (Walk.) (*nemorale* auct.) *Al-Li*. Salmela 2012.:223, 237.
Pilaria nigropunctata (Agr.) *Ab, Ta, Oa*. *ibid.*:227.
Erioptera tordi Tjed. *Sb*: Pieksämäki. *ibid.*:225.
Scleroprocta pentagonalis (Loew) *Ok, Ob*. *ibid.*:227.
Symplecta lindrothi (Tjed.) *Ab, St, Oa, Tb, Ob, Li*. *ibid.*:227.
 - *mabelana* (Alex.) *Le, Li*. *ibid.*:239.
 - *scotica* (Edw.) (sp. dist.) Salmela & Petrašiūnas in Kahanpää & Salmela 2014:27.
Molophilus occultus Meij. *Ta*: Somero (J. Ilmonen). Salmela 2012:226.
Ormosia sootryeni (Lacksch.) *Ab, N, St, Oa, Tb, Sb, Kb, Ks*. *ibid.*:226.
 - *hederae* (Curt.) Finland. Salmela & Petrašiūnas in Kahanpää & Salmela 2014:26.
Tasiocera fuscescens (Lacksch.) *Ab, N*. Salmela 2012:227.
Gonempeda flava (Schumm.) *Ab*: Pojo. *ibid.*:225.
Gonomyia abscondita Lacksch. *N, St, Ta, Tb, Sb, Kb*. *ibid.*:225.
Lipsothrix errans (Walk.) *N*: Espoo. *ibid.*:226.
Rhabdomastix borealis Alex. *Li*. *ibid.*:239.
Helius pallirostris Edw. *Ab*: Korpo Utö (O. Autio). *ibid.*:226.
Antocha vitripennis (Meig.) *Sa, Ok, Ob, Li*. *ibid.*:223.
Orimarga juvenilis (Zett.) *Ob*: Tervola, *Lk*: Kittilä. *ibid.*:226.
Dicranomyia radegasti Starý *N*: Espoo (J. Ilmonen). *ibid.*:223.
 - *zernyi* Lacksch. *Tb, Sb, Kb, Ok*. *ibid.*:224.
 - *liberta* Ost.S. *N, Ta, Tb, Ok*. *ibid.*:224.
 - *esbeni* (Niels.) *Ob*: Oulunsalo and Hailuoto. *ibid.*:224.
 - *intricata* Alex. *Ob, Lk, Le*. *ibid.*:224. Salmela *et al.* 2015:42.
 - *murina* (Zett.) *Ks, Lk, Li*. Salmela 2012:225.
 - *klefbecki* (Tjed.) *Al, Ob*. Salmela & Petrašiūnas in Kahanpää & Salmela 2014:30. Salmela *et al.* 2015:42.
 * - *boreobaltica* Salm. *Ob*: Hailuoto, Oulunsalo, Tornio. Salmela, 2014 *Biodiversity Data Journ.* 2:e4238. Salmela *et al.* 2015:41.
Limonia messaurea Mendl *Ok*: Kuhmo (M. Kuussari), *Le*: Enontekiö. Salmela 2012:226. Salmela *et al.* 2015:44.
Copropsychoda brevicornis (Tonn.) *Al*: Saltvik. Autio & Salmela 2010 *Memoranda Soc. Fauna Flora Fenn.* 86:49.
Psychoda uniformata Hasem. *Al*: Jomala. *ibid.*:49.
 * - *cultiella* Salm. *et al.* *Ab, St, Oa, Tb, Sb, Kb, Ob, Ks, Lk, Le, Li*. Salmela, Kviite & More 2012 *Zootaxa* 3313:35. Salmela *et al.* 2015:48.
 - *buxtoni* With. Finland. Salmela, Paasivirta & Kviite in Kahanpää & Salmela 2014:41.
 - *crassipenis* Tonn. Finland. *ibid.*:41.
Psychomora trinodulosa (Tonn.) *Al* (m. l.). Autio & Salmela 2010:49.
Ypsodocha setigera (Tonn.) *Al*: Saltvik. *ibid.*:49.
Threticus tridactilis (Kinc.) *Ob, Ks*. Salmela, Paasivirta & Kviite in Kahanpää & Salmela 2014:41. Salmela *et al.* 2015:52.
Lobulosa pollex (Berd.) Finland. *ibid.*:41.
Tonnoiriella nigricauda (Tonn.) Finland. *ibid.*:41.
Panimerus albomaculatus (Wahlgr.) *Al* (m. l.). Autio & Salmela 2010:49.
 - *albifacies* (Tonn.) *Ab*: Turku. Salmela, Paasivirta & Kviite in Kahanpää & Salmela 2014:41.
 - *przhiboroi* Wagn. *Ob*: Tervola. *ibid.*:41.
Paramormia ustulata (Walk.) *Al*: Jomala. Autio & Salmela 2010:49.
Philosepedon humerale (Meig.) *Al*: Jomala and Finström. *ibid.*:49.
 - *soljani* Krek Finland. Salmela, Paasivirta & Kviite in Kahanpää & Salmela 2014:41.
Sylvicola fuscatoides Mich. *Ab, N, Ta, Sa, Tb, Li*. Haarto 2011 w-album 10:10.
Arthria analis (Kby.) Finland. Haarto in Kahanpää & Salmela 2014:99.
Aspistes helleni Kriv. *N, Om, Ob*. Haarto & Winqvist 2014:3.
Anapausis floricola Chandl. *Al*: Saltvik (R. Frey). *ibid.*:4.
Dixa puberula Loew Finland. Salmela, Paasivirta & Kviite in Kahanpää & Salmela 2014:42.

- Dixella autumnalis* (Meig.) Finland. *ibid.*:43.
- *dyari* (Garr.) *Le*: Pallas-Yllästunturi. *ibid.*:43.
Procladius appropinquatus (Lundstr.) *Tb, Kb, Ob, Lk, Le, Li*. Paasivirta 2012 *Chironomus* 25:49.
Diamesa arctica (Boh.) *Lk. ibid.*:50.
Bryophaenocladus pectinatus Albu *Ob. ibid.*:51.
Chaetocladus glacialis (Lundstr.) *Le, Li. ibid.*:52.
- *muliebris* Tuisk. *Le, Li. ibid.*:52.
Cricotopus vierrensis Goetgh. *Ab, N. ibid.*:54.
Georthocladus platystylus Saeth. et Subl. *Ab. ibid.*:55.
Lappokiefferiella platytarsus Tuisk. *Tb, Le. ibid.*:56.
Metriocnemus corticalis Strenzke *St, Sb, Om, Lk, Li. ibid.*:56.
Orthocladus telochaetus Langt. *Le. ibid.*:57.
- *nitidoscutellatus* Lundstr. Finland. Paasivirta in Kahanpää & Salmela 2014:75.
Smittia alpilonga Ross. et Lenc. *Le. Paasivirta 2012.*:60.
- *contingens* (Walk.) Finland. Paasivirta in Kahanpää & Salmela 2014:78
Stilocladus intermedius Wang *Lk, Li. Paasivirta 2012.*:60.
Chironomus agilis Shab. et Djom. *Ab, St, Ta. ibid.*:61.
Glyptotendipes caulicola Kieff. *Ab. ibid.*:64.
Paracladopelma nereis (Town.) Finland. Paasivirta in Kahanpää & Salmela 2014:84.
Polypeditum amoenum Goetgh. Finland. *ibid.*:84.
Micropsectra styriaca Reiss *Ab, Lk. Paasivirta 2012.*:67.
Problezia concinna (Meig.) *Ks*: Kuusamo. Huldén & Huldén in Kahanpää & Salmela 2014:57.
Mallochohelea inermis (Kieff.) Finland. *ibid.*:57.
- *munda* (Loew) Finland. *ibid.*:57.
- *setigera* (Loew) Finland. *ibid.*:57.
- *vernalis* Remm Finland. *ibid.*:57.
Palpomyia flavitarsis (Meig.) Finland. *ibid.*:58.
Bezzia nobilis (Winn.) Finland. *ibid.*:58.
- *fascispinosa* Clastr. Finland. *ibid.*:57.
- *flavicornis* (Staeg.) Finland. *ibid.*:57.
- *fuscifemoris* Remm Finland. *ibid.*:57.
Serromyia atra (Meig.) Finland. *ibid.*:57.
Alluaudomyia needhami Thoms. Finland. *ibid.*:56.
Brachypogon sociabilis (Goetgh.) Finland. *ibid.*:56.
- *norvegicus* Stadz. et Hag. *Ob*: Keminmaa, Rovaniemi. Salmela *et al.* 2015:59.
- *vitiosus* (Winn.) *Ob*: Keminmaa. *ibid.*:59.
Culicoides clintoni Boorm. *Ob*: Rovaniemi. *ibid.*:59.
Dasyhelea bensoni Edw. Finland. Huldén & Huldén in Kahanpää & Salmela 2014:55.
- *pallidiventris* (Goetgh.) Finland. *ibid.*:55.
- *notata* Goegh. Finland. *ibid.*:55.
- *arenivaga* Macf. *Ob*: Kemijärvi. Salmela *et al.* 2015:60.
- *bifida* Zil.-Seb. 1936 *Li*: Inari p. 60.
- *caesia* Remm *Ob*: Keminmaa. p. 60.
- *europaea* Remm *Ob*: Keminmaa. p. 60.
- *malleola* Remm *Lk*: Savukoski p. 60.
- *manassi* Remm *Ob*: Keminmaa p. 60.
- *stackelbergi* Remm *Ob*: Keminmaa. p. 61.
Atrichopogon fuscus (Coq.) *Ob*: Keminmaa. p. 57.
- *paulus* (Winn.) *Ob*: Keminmaa. p. 58.
- *longicalcar* Remm. Finland. Huldén & Huldén 2014:55.
- *appendiculatus* (Goetgh.) Finland. *ibid.*:55.
- *maculatus* (Lundstr.) Finland. *ibid.*:55.
Forcipomyia glauca Macf. Finland. *ibid.*:55.
- *altaica* Remm *Lk*: Savukoski, *Le*: Enontekiö. Salmela *et al.* 2015:61.
- *chaetoptera* Remm *Lk*: Savukoski. *ibid.*:61.
- *crassipes* (Winn.) *Ob*: Keminmaa. *ibid.*:61.
- *hygrophila* Kieff. *Ob, Lk, Li. ibid.*:62.
- *litoraurea* (Ingr. et Macf.) *Ob*: Keminmaa. *ibid.*:62.
- *palustris* (Meig.) *Ob, Lk. ibid.*:62.
- *squamigera* Kieff. *Ob*: Kemijärvi, *Lk*: Savukoski. *ibid.*:63.
- *tibialis* Remm *Ob*: Kemijärvi. *ibid.*:63.
- *titillans* (Winn.) *Ob*: Rovaniemi. *ibid.*:63.
Prosimulium luganicum Rubts. Finland. Ilmonen in Kahanpää & Salmela 2014:92.
Cnephia eremites Shew. Finland. *ibid.*:92.
Greniera ivanovae Ivasch. Finland. *ibid.*:92.
Metacnephia tredecimata (Edw.) Finland. *ibid.*:92.
Hellichiella dogieli (Rubts.) Finland. *ibid.*:93.
Cnetha curvans (Rubts. et Carlss.) Finland. *ibid.*:93.
- *silvestris* (Rubts.) Finland. *ibid.*:93.
Schoenbaueria subpusilla Rubts. Finland. *ibid.*:93.
Simulium annulitarse Zett. Finland. *ibid.*:93.
- *argyreatum* Meig. Finland. *ibid.*:93.
- *intermedium* Roub. Finland. *ibid.*:93.
- *longipalpe* Belty. Finland. *ibid.*:93.
- *paramorsitans* Rubts. Finland. *ibid.*:93.
Bolitophila ingrlica Stack. *Sa*: Rantasalmi, *Le*: Kilpisjärvi. Jakovlev *et al.* 2014:22.
Symmerus nobilis Lacksch. *Ab*: Turku, Ruissalo. *ibid.*:6.
**Neoplatyura noorae* Salm. *Ob*: Tornio, *Lk*: Kittilä and Sodankylä. Salmela & Suuronen 2014 *Biodiv. Data Journ.* 2:e1323. Salmela *et al.* 2015:46.
Orfelia krivosheinae Zaitz. *Kl*: Parikkala (S. Karjalainen). Jakovlev *et al.* 2014:10.
- *lugubris* (Zett.) *Ob, Lk, Le. ibid.*:11.
Pyratula subcanariae Chandl. et Bl-Z. *Ks*: Salla, *Lk*: Savukoski. *ibid.*:16. Salmela *et al.* 2015:48.
Urytalpa atriceps (Edw.) *Sa*: Rantasalmi, *Ks*: Salla. Jakovlev *et al.* 2014:17. Salmela *et al.* 2015:53.
- *galdes* Hedm. et Kjaer. *Ks*: Salla, *Lk*: Muonio, Sodankylä. Jakovlev *et al.* 2014:18. Salmela *et al.* 2015:53.
- *macrocera* (Edw.) *Ob*: Tornio, Kemijärvi, *Li*: Utsjoki

- (J. Salmela). *Jakovlev et al.* 2014:18. Salmela *et al.* 2015:53.
- Macrocera crassicornis* Winn. *Ta*: Lammi, *Tb*: Saarijärvi. *ibid.*:19.
- Mycomya safena* Väis. *Ks*: Salla, *Le*: Pallastunturi. *Jakovlev et al.* 2014:28.
- *shewelli* Väis. *N*: Espoo (J. Ilmonen), *Ob*: Tornio. *ibid.*:28. Salmela *et al.* 2015:46.
- *siebecki* Landr. *Kl*: Parikkala (M. Jaschhof), *Ob*: Tornio. *Jakovlev et al.* 2014:29. Salmela *et al.* 2015:46.
- *thula* Väis. *Lk*: Savukoski (J. Salmela). *Jakovlev et al.* 2014:30. Salmela *et al.* 2015:46.
- *kuusamoensis* Väis. (sp. dist.) Finland. *Jakovlev in Kahanpää et Salmela* 2014:125.
- Acnemia amoena* Winn. *N, Sa*. *Jakovlev et al.* 2014:33.
- *trifida* Zaitz. *Ob*: Ylitornio, Rovaniemi, *Lk*: Kittilä, Sodankylä. *ibid.*:34. Salmela *et al.* 2015:37, 97.
- Anaclileia dziedickii* (Landr.) *Tb, Ob, Ks, Lk, Le*. *Jakovlev et al.* 2014:35. Salmela *et al.* 2015:37, 97.
- *dispar* (Winn.) Finland. *ibid.* *Jakovlev in Kahanpää & Salmela* 2014:127.
- Leptomorphus forcipatus* Landr. *N*: Sipoo, *Ta*: Padasjoki. *Jakovlev* 2011 EF 22:167.
- Monoclona silvatica* Zaitz. *Kl*: Parikkala (J. Penttinen). *ibid.*:38.
- Neuratelia salmelai* Kurina, Öunap & Pöldmaa. *Ab*: Turku, *Lk*: Kittilä, Sodankylä. p. 47. Kurina *et al.* 2015 *Zookeys* 496:105–129. Salmela *et al.* 2015:47.
- Sciophila bicuspidata* Zaitz. *Ob*: Tornio (J. Salmela). *Jakovlev et al.* 2014:39. Salmela *et al.* 2015:50.
- *caesarea* Chandl. *St, Le, Li*. *Jakovlev et al.* 2014:40.
- *salassea* Mat. *Sb, Ks, Lk*. *Jakovlev et al.* 2014:41. Salmela *et al.* 2015:51.
- *altaica* Zaitz. *Ob*: Kemijärvi, *Lk*: Savukoski Salmela *et al.* 2015:49.
- *arizonensis* Zaitz. *Ob*: Kemijärvi *ibid.*:50.
- *spinifera* Zaitz. *Lk*: Sodankylä, *Li*: Inari. p. 51.
- **Boletina palmata* Polev. *Ta*: Lammi, *Sa*: Rantasalmi, *Li*: Utsjoki (R. Frey). Polevoi 2013 *Zoosystem. Ross.* 22:119. *Jakovlev et al.* 2014:62.
- *pinusia* Maxim. *Ab, Ka, St, Ta, Sa, Tb, Kb, Ok, Ks, Lk*. Polevoi 2013:117. *Jakovlev et al.* 2014:63.
- *atridentata* Pol. et Hedm. *Lk*: Kittilä and Savukoski (J. Salmela). *Jakovlev et al.* 2014:43. Salmela *et al.* 2015:38.
- *intermedia* Lundstr. (sp. dist.) *Ob, Ks, Lk*. *Jakovlev et al.* 2014:48,55. Salmela *et al.* 2015:39.
- *lapponica* Pol. et Hedm. *Ob, Ks, Lk, Le, Li*. *Jakovlev et al.* 2014:60. Salmela *et al.* 2015:98.
- *polaris* Lundstr. *Ob*: Ylitornio, *Ks*: Salla, *Lk*: Savukoski. *Jakovlev et al.* 2014:68. Salmela *et al.* 2015:40.
- *pseudonitida* Zaitz. *Lk, Le*. *Jakovlev et al.* 2014:70.
- Coelosia gracilis* Joh. *Ks, Lk, Le*. *ibid.*:75.
- *limpida* Plassm. *N, Kl, Lk, Li*. *ibid.*:77.
- Ectrepesthoneura nigra* Zaitz. *Ks*: Salla, *Lk*: Savukoski. *ibid.*:78. Salmela *et al.* 2015:43.
- **Tetragoneura ruuhijarvii* Pol. et Jak. *Ab, Ta, Ks, Lk*. Polevoi & *Jakovlev* 2011 *Zootaxa* 3062:8. Salmela *et al.* 2015:52.
- * - *pudogensis* Pol. et Jak. *Ab*: Karjalohja. Polevoi & *Jakovlev* 2011:9.
- Docosia expectata* Lašt. et Ševč. *Ab*: Turku Ruissalo (M. & C. Jaschhof). *Jakovlev et al.* 2014:83.
- *flavicoxa* Strobl (confirmed from Finland). *Al, Ob, Lk, Li*. *ibid.*:83. Salmela *et al.* 2015:42.
- *landrocki* Lašt. et Ševč. *N*: Helsinki. *Jakovlev et al.* 2014:84.
- *muelleri* Plassm. *Lk, Le, Li*. *ibid.*:84. Salmela *et al.* 2015:42.
- *tibialis* Lašt. et Ševč. *St*: Kokemäki. *Jakovlev et al.* 2014:86.
- Greenomyia mongolica* Last. et Mat. *N*: Helsinki (E. Peuhu & J. *Jakovlev*). *ibid.*:88.
- Leia longiseta* Barendr. *N*: Espoo (J. Ilmonen), *Ob*: Tornio. *ibid.*:89. Salmela *et al.* 2015:44.
- Epicrypta limnophila* Chandl. Finland. *Jakovlev in Kahanpää & Salmela* 2014:138.
- Mycetophila bififormis* Maxim. *Lk*: Savukoski (J. Salmela). *Jakovlev et al.* 2014:111. Salmela *et al.* 2015:45.
- *boreocruciator* Ševč. *Ks*: Salla (J. Salmela & T. Hietajärvi). *Jakovlev et al.* 2014:111.
- *cingulum* Meig. *N*: Helsinki, *Kl*: Parikkala. *ibid.*:112.
- *devioides* Bech. *Kb*: Ilomantsi (M. Tietäväinen). *ibid.*:114.
- *distigma* Meig. *N*: Helsinki (J. *Jakovlev*). *ibid.*:114.
- *lobulata* Zaitz. *Ab*: Perniö (J. Penttinen). *ibid.*:116.
- *monstera* Maxim. *Le*: Pallastunturi. *ibid.*:117. Salmela *et al.* 2015:45.
- *pyrenaica* Mat. *Ta*: Tammela (J. Penttinen). *Jakovlev et al.* 2014:118.
- *sigmoides* Loew *Ab*: Karjalohja, *N*: Helsinki. *ibid.*:118.
- *sinuosa* Plassm. et Sch. *Ab*: Salo (J. Penttinen). *ibid.*:119.
- *uliginosa* Chandl. *Ta, Sa, Tb, Lk, Le*. *ibid.*:120.
- *edwardsi* Lundstr. Finland. *Jakovlev in Kahanpää & Salmela* 2014:139.
- *estonica* Kurina Finland. *ibid.*:139.
- *gemerensis* Ševč. et Kur. *Ob*: Rovaniemi. Salmela *et al.* 2015:45
- *haruspica* Plassm. *Lk, Le* *ibid.*:45.
- Phronia strenua* Winn. *Ta*: Lammi. *Jakovlev* 2011:173.
- *mutila* Lundstr. *Le*: Kilpisjärvi. *Jakovlev et al.* 2014:125.

- Sceptonia flavipuncta* Edw. *Kl*: Parikkala (J. Penttinen). Jakovlev *et al.* 2014:126.
- *tenuis* Edw. Finland. *ibid.* Jakovlev in Kahanpää & Salmela 2014:143.
- Trichonta generosa* Gagné *Ks, Lk, Le, Li*. Jakovlev *et al.* 2014:126.
- *palustris* Maxim. *Ks*: Salla (J. Salmela). *ibid.*:128.
- Allodia bohémica* Ševč. *Ob*: Rovaniemi. Jakovlev in Kahanpää & Salmela 2014:133. Salmela *et al.* 2015:37.
- *huggerti* Kjaer. *N*: Espoo (J. Ilmonen). Jakovlev *et al.* 2014:91.
- Synplasta bayardi* (Mat.) *Ta*: Luopioinen (J. Jakovlev). *ibid.*:106.
- *pseudingeniosa* Zaitz. *Ks*: Kuusamo (M. & C. Jaschhof). *ibid.*:106.
- Allodiopsis korolevi* Zaitz. *Al*: Sund. *ibid.*:93.
- Brevicornu arcticum* (Lundstr.) *Ks*: Salla, *Lk*: Savukoski. *ibid.*:94.
- *auriculatum* (Edw.) *Lk*: Savukoski, *Le*: Enontekiö. *ibid.*:95.
- *canescens* (Zett.) *Ks, Lk, Le, Li*. Jakovlev in Kahanpää & Salmela 2014:134. Salmela *et al.* 2015:99.
- *cognatum* Ostrov. *Ab, N, Ta, Lk, Le*. Jakovlev *et al.* 2014:96.
- *glandis* Last. et Mat. *N*: Espoo (J. Ilmonen), *Ob*: Tornio. *ibid.*:97. Salmela *et al.* 2015:99.
- *rosmellitum* Chandl. *Ks*: Salla. Jakovlev *et al.* 2014:97. Salmela *et al.* 2015:99.
- *setigerum* Zaitz. *Lk*: Savukoski, *Li*: Inari. Salmela *et al.* 2015:41.
- *spathulatum* (Lundstr.) *Ab*: Salo (J. Penttinen). Jakovlev *et al.* 2014:99.
- *verralli* (Edw.). *Sa, Lk, Le*. *ibid.*:99.
- Exechia borealis* Lundstr. (sp. dist.) *Lk, Le*. Jakovlev *et al.* 2014:100.
- *micans* Last. et Mat. *Le*: Enontekiö (K. Mikkola). *ibid.*:101.
- Pseudexechia parallela* (Edw.) *N*: Espoo (J. Ilmonen). *ibid.*:104.
- *pectinacea* (Ostr.) Finland. Jakovlev in Kahanpää & Salmela 2014:137.
- Sciara lackschewitzi* (Leng.) Finland. Vilkkamaa in Kahanpää & Salmela 2014:162.
- Trichosia habilis* (Johanns.) Finland. *ibid.*:162.
- *diota* (Garr.) *Lk*: Kolari, Ylläs (Penttinen & Jakovlev). Mohrig *et al.* 2013 Stud. dipterol. 19:255.
- *ussurica* Mohr. et Ant. *Tb, Kb, Ks*. Vilkkamaa *et al.* 2013a Sahlbergia 19:28.
- Mouffetina expolita* (Coq.) *Li*: Utsjoki. *ibid.*:25.
- *silvestris* (Mohr. et Ant.) *Ob, Ks, Li*. *ibid.*:26.
- Leptosciarella holotricha* Mohr. et Menz. *Kb*: Lieksa (M. Jaschhof). *ibid.*:24.
- *brevipalpa* (Mohr. et Menz.). *Al*: Lemland (R. Tuomikoski). *ibid.*:25.
- *melanoma* (Mohr. et Menz.) *Kl*: Parikkala (M. & C. Jachhof). *ibid.*:25.
- *subspinulosa* (Edw.) *N*: Sipoo (N. Laurene). *ibid.*:25.
- *subviatica* Mohr. et Menz. *Ab*: Turku, *Ob*: Pudasjärvi. *ibid.*:25.
- *viaticella* Mohr. et Kriv. *Kb*: Lieksa (M. & C. Jaschhof). *ibid.*:25.
- *hispidata* (Winn.) Finland. Vilkkamaa in Kahanpää & Salmela 2014:159.
- * - *ignis* Hell. *Ta, Lk*. Heller 2012 Veröff. Mus. Naturk. Chemnitz 35:95. Vilkkamaa in Kahanpää & Salmela 2014:159.
- * - *krille* Hell. *Ks*: Uopajanjärvi (Salmela). Heller 2012:98. Vilkkamaa in Kahanpää & Salmela 2014:159.
- *reducta* Hell. et Menz. Finland. Vilkkamaa in Kahanpää & Salmela 2014:159.
- Scythroprochroa multispinosa* Mohr. et Mam. *Lk*: Savukoski Salmela *et al.* 2015:65.
- * *Cratyna sicata* Vilkk. *et al.* *Ok*: [Kuhmo:] Kieverrysjärvi (M. Jaschhof). Vilkkamaa *et al.* 2013b Stud. Dipterol. 20:48.
- *betulae* (Mohr. et Mam.) *Ob*: Tornio (A. Haarto). Vilkkamaa *et al.* 2013a:23.
- *breviflagellata* (Mohr. et Mam.). *Kb*: Lieksa, *Lk*: Savukoski. *ibid.*:23.
- *monumenta* Rudz. *Ta, Sa, Kl*. *ibid.*:23.
- *symplecta* (Rudz.) *Tb*: Saarijärvi, *Ok*: Vuolijoki. *ibid.*:23.
- *colei* (Freem.) Finland. *ibid.* Vilkkamaa in Kahanpää & Salmela 2014:158.
- * *Peyerimhoffia quadrifera* Vilkk. *et al.* *Ks*: Kuusamo (J. Salmela). Vilkkamaa *et al.* 2013b Stud. Dipterol. 20:52.
- * - *jaschhoforum fennoscandica* Deady et Heller. *Tb*: Pyhäähäkki, *Kb*: Lieksa. Deady *et al.* 2014 Biodivers. Data Journ. 2: e4200:9.
- Cosmosciara perniciosus* (Edw.) Finland. Vilkkamaa in Kahanpää & Salmela 2014:157.
- Claustropyga brevichaeta* Mohr. et Ant. *Ab, Sa, Ob, Ks*. Vilkkamaa *et al.* 2013a:22.
- *ctenophora* Hippa *et al.* *St*: Yläne, *Ta*: Somero. *ibid.*:22.
- * *Corynoptera cracentis* Vilkkamaa *et al.* *Ob*: Tervola, *Ks*: Kuusamo. Vilkkamaa, Hippa & Heller 2013 Zootaxa 3710:324.
- * - *inari* Vilkkamaa *et al.* *Ob*: Tervola, *Lk*: Rovaniemi, *Li*: Inari. *ibid.*:325.
- *perochaeta* Mohr. et Menz. *Ab*: Taivassalo, Västanfjärd, *N*: Tuusula, *Ta*: Tammela, *Ob*: Tervola. *ibid.*:326.
- * - *salmelai* Vilkkamaa *et al.* *Ob*: Tervola. *ibid.*:327.

- * - *spiciforceps* Vilkkamaa *et al.* *Ob*: Tervola. *ibid.*:328.
- *subvariegata* Rudz. *Kb*: Outokumpu, Eno, *Ok*: Suomussalmi, *Ks*: Kuusamo, Taivalkoski, *Le*: Saana. *ibid.*:329.
- * - *tuomikoskii* Vilkkamaa *et al.* *Ks*: Kuusamo (R. Tuomikoski). *ibid.*:330.
- *dentata* (Buk. et Leng.) *Ab*: Taivassalo, *Kl*: Parikkala. Vilkkamaa *et al.* 2013a:23.
- *praeforcipata* Mohr. et Mam. *Ab*: Turku, *Ta*: Tammela. *ibid.*:23.
- *globiformis* (Frey) Finland. Vilkkamaa in Kahanpää & Salmela 2014:156.
- *postglobiformis* Mohr. Finland. *ibid.*:156.
- Camptochaeta austriaca* Hell. *Ok*, *Ks*. Vilkkamaa *et al.* 2013a.:22.
- Pseudolycoriella japonensis* (Mohr. et Menz.) *Ok*, *Ks*, *Li*. *ibid.*:26.
- *koreensis* (Mohr. et Menz.) *Lk*: Sodankylä (J. Salmela). *ibid.*:26.
- *monticula* (Mohr. et Menz.) *St*, *Oa*, *Ob*, *Li*. *ibid.*:26.
- *subbruckii* (Mohr. et Hövem.) *Kl*, *Ob*, *Ks*. *ibid.*:27.
- *rigua* (Menz. et Mohr.) *Ob*: Kemijärvi. Salmela *et al.* 2015: 65.
- Lycoriella minutula* Mohr. et Kriv. *Kb*: Lieksa (M. & C. Jaschhof). Vilkkamaa *et al.* 2013a:25.
- *thuringiensis* Menz. et Mohr. *Ab*: Turku (J. Salmela), Lieto (H. Hippa). *ibid.*:25.
- * - *tenera* Vilkk. *et al.* *N*: Tuusula (V. Huhta). Vilkkamaa *et al.* 2013b:50.
- * - *piristylata* Vilkk. *et al.* *Ab*: Rymättylä (P. Häkkinen). *ibid.*:52.
- *latilobata* Menz. et Mohr. Finland. Vilkkamaa in Kahanpää & Salmela 2014:160.
- *weberi* Menz. et Hell. Finland. *ibid.*:160.
- *chentejensis* Menz. *Lk*: Savukoski. Salmela *et al.* 2015:64.
- * *Xylosciara senta* Vilkk. *et al.* *Ob*: Tervola (J. Salmela). Vilkkamaa *et al.* 2013b:56.
- Epidapus bispinulosus* Mohr. et Kau. *Ta*: Kuru (C. & M. Jaschhof). Vilkkamaa *et al.* 2013a:24.
- *echinatum* Mohr. et Koz. *Ab*: Turku, *Oa*: Kauhajoki. *ibid.*:24.
- *ignavus* (Leng.) *Li*: Inari (J. Salmela). *ibid.*:24.
- Prosciara furtiva* Vilkk. et Hippa *Ks*: Kuusamo and Taivalkoski. *ibid.*:26.
- Dolichosciara hippai* Kom. et Vilkk. *Ab*, *Ob*, *Li*. *ibid.*:24.
- *nigrovittata* (Strobl) *St*, *Tb*, *Ob*. *ibid.*:24.
- * - *spissispina* Vilkk. *et al.* *Oa*, *Kb*, *Ob*. Vilkkamaa *et al.* 2013b:48.
- Bradysia angustostylata* Menz. *Ks*: Oulanka nat. park (M. Jaschhof). Vilkkamaa *et al.* 2013a:21.
- *ascenda* Rudz. *Li*: Utsjoki (Fatouros). *ibid.*:21.
- *bispinifera* Mohr. et Kriv. *Tb*: Saarijärvi, *Kb*: Lieksa. *ibid.*:21.
- *holsatica* Hell. *Ob*: Tervola (J. Salmela). *ibid.*:21.
- *hortensis* Hell. *Li*: Kaldoaivi (J. Salmela). *ibid.*:21.
- *lilienthalae* Mohr. et Menz. *Tb*, *Ok*, *Ob*. *ibid.*:21.
- *longicauda* Mohr. et Menz. *Al*: Eckerö (H. Hippa & M. Jaschhof).
- *minima* Mohr. et Mam. *Ab*: Turku Pomponrahka (J. Salmela). *ibid.*:22.
- *spinostyla* Mohr. et Menz. *Ks*: Kuusamo (J. Salmela). *ibid.*:22.
- *subamoena* Mohr. et Kriv. *Kb*: Liperi (J. Pohjoiskoski). *ibid.*:22.
- *zonata* Rudz. *Om*: Kauhajoki (J. Salmela). *ibid.*:22.
- *siberica* Komar. Finland. *ibid.* Vilkkamaa in Kahanpää & Salmela 2014.:154.
- * - *bigeminata* Hell., H. et Vilkk. *Kb*: Kuhmo, *Ob*: Pudasjärvi. Heller, Hippa & Vilkkamaa 2015 Eur. J. Taxon. 122:4.
- *chlorocornea* Mohr. et Menz. *Ks*: Kuusamo (M. & C. Jaschhof). *ibid.*:6.
- * - *falciceps* Hell, H. et Vilkk. *Ab*: Turku, *Li*: Utsjoki. *ibid.*:7.
- * - *plusiospina* Hell. H. et Vilkk. *Ob*: Tervola (J. Salmela). *ibid.*:11.
- Scatopsiara bucera* Rudz. *Ab*, *Sa*, *Kl*, *Tb*, *Sb*, *Kb*. Vilkkamaa *et al.* 2013a.:27.
- *edwardsi* Freem. *Sa*, *Kb*, *Ks*, *Li*. *ibid.*:27.
- *subcalamophila* Menz. et Mohr. *Ab*: Turku, *Tb*: Saarijärvi. *ibid.*:28.
- *gabyae* (Hell.) *Oa*: Kauhajoki, *Li*: Inari. *ibid.*:28.
- *paradoxa* (Frey) *Ob*: Tervola (J. Salmela). *ibid.*:28.
- * - *obliqua* Vilkk. *et al.* *Ob*: Tervola (J. Salmela). Vilkkamaa *et al.* 2013b:56.
- *postgeophila* Mohr. et Menz. *Ks*: Salla, *Le*: Enontekiö. Salmela *et al.* 2015:65.
- * *Campylomyza angulata* Jasch. *N*, *Ta*, *Ks*. Jaschhof 2015a Contrib. Entomol. 65:375.
- * - *appendiculata* Jasch. *Ab*, *St*, *Sa*. *ibid.*:377.
- * *Neurolyga paludosa* Jasch. *Kb*: Outokumpu. Jaschhof & Jaschhof 2009 Stud. dipterol. Suppl. 18:135.
- Aprionus confusus* Mam. *Ab*, *St*, *Ta*, *Kl*, *Tb*, *Kb*, *Ok*, *Ks*, *Lk*. *ibid.*:264.
- * - *subbetulae* Jasch. *Ta*, *Kl*, *Ok*, *Lk*. Jaschhof 2015b Stud. dipterol. 21:226
- Coccopsilis obscura* (Mam.) Finland. Jaschhof *et al.* in Kahanpää & Salmela 2014:112.
- Schistoneurus impressus* Mam. Finland. *ibid.*:112.
- Arctepidosis paneliusi* Mam. et Zaitz. Finland. *ibid.*:111.
- Claspettomysia hamata* (Felt) *N*: [Raseborg] Ekhamn (S. Panelius). Jaschhof & Jaschhof 2013 Stud. dipterol., Suppl. 20:278.
- *rossica* Mam. Finland. Jaschhof *et al.* in Kahanpää & Salmela 2014:111.
- *ussuriensis* Mam. Finland. *ibid.*:111.

- Jamalepidosis spungisi* Jaschh. Finland. *ibid.*:112.
Monepidosis furcata Mam. Finland. *ibid.*:112.
Panelusia albimanooides Jaschh. Finland. *ibid.*:112.
Porricondyla macrodon Jaschh. *Ob*: Keminmaa. Salmela *et al.* 2015:48.
Paurodyla tyresta Jaschh. Finland. Jaschhof *et al.* 2014:112.
Serratyla furcata (Mam.) Finland. *ibid.*:113.
- *spinosa* Jaschh. Finland. *ibid.*:113.
Zaitzeviola latistylata Jaschh. Finland. *ibid.*:113.
- *pilosistylata* Jaschh. Finland. *ibid.*:113.
Divellepidosis armilla (Mam.) Finland. *ibid.*:112.
- *taigacola* Jaschh. Finland. *ibid.*:112.
Asynapta breviata Spung. Finland. *ibid.*:110.
- *inflata* Spung. Finland. *ibid.*:110.
Camptomys calcarata Mam. Finland. *ibid.*:110.
- *gigantea* Spung. Finland. *ibid.*:111.
Colomyia clavata Kieff. Finland. *ibid.*:111.
Kronomyia ovalis (Mam.) Finland. *ibid.*:110.
Rhipidoxyomyia brevicornis Mam. Finland. *ibid.*:110.
Winnertzia bulbifera Mam. Finland. *ibid.*:110.
- *curvata* Panel. Finland. *ibid.*:110.
- *fusca* Kieff. Finland. *ibid.*:110.
- *rotundata* Spung. Finland. *ibid.*:110.
Dicerura rossica (Mam.) Finland. *ibid.*:111.
- *triangularis* Mam. Finland. *ibid.*:111.
- *unidentata* Spung. Finland. *ibid.*:111.
- *formosa* Mam. *Ob*: Rovaniemi. Salmela *et al.* 2015:41.
Dirhiza lateritia Loew Jaschhof *et al.* 2014:111.
Hilversidia autumnalis Mam. Finland. *ibid.*:111.
Dasineura jaapi (Rübs.) Finland. *ibid.*:115.
- *trifolii* (Löw) Finland. *ibid.*:115.
Jaapiella loticola (Rübs.) Finland. *ibid.*:116.
Clinodiplosis cilicrus (Kieff.) *Al* (m. l.). Nieminen & Vikberg 2015 EF 26:45.
Dilophus febrilis (L.) *Al*: Finström Husö. Henriksson & Prest 2013 Medd. Åbo Akad. 2013(1):15.
Xylophagus inermis Kriv. *et Kriv.* (nec *X. matsumurae* Miyat.) Finland. Kahanpää *et al.* in Kahanpää & Salmela 2014:178.
Zabrachia tenella (Jaenn.) Finland. *ibid.*:178.
Haematopota italica Meig. *Al*: Jomala (O. Autio & J. Salmela). Kahanpää 2013c Sahlbergia 19:64.
Lasiopogon septentrionalis Lehr *Li*: Utsjoki. Cannings & Kahanpää 2013 EF 24:113.
Oedalea tibialis Macq. *N*: Loviisa (J. Flinck). Flinck & Kahanpää 2013 Sahlbergia 19:54.
Platypalpus excavatus Yang *et Yao* Finland. Kahanpää in Kahanpää & Salmela 2014:193.
- *subtilis* (Coll.) Finland. *ibid.*:194.
- *maculimanus* (Zett.) (sp. dist.). Finland. *ibid.*:205.
Tachydromia connexa Meig. *Al*: Finström and Jomala, *N*: Loviisa. Kahanpää 2013c:64.
Hilara anglo danica Lundb. Finland. Kahanpää in Kahanpää & Salmela 2014:189.
- *pseudochorica* Strobl (restored as species) Finland. *ibid.*:206.
Empis grisea Fall. *Ab*: Billnäs (I. Kakko), *N*: Loviisa (J. Flinck). Flinck & Kahanpää 2013:54.
- *caudatula* Loew Finland. Kahanpää in Kahanpää & Salmela 2014:185.
- *aemula* Loew Finland. *ibid.*:186.
Chvalaea sopianae Papp *et Földv.* *Kb*: Ilomantsi. Kahanpää 2013a Zootaxa 3716:592.
Rhamphomyia murina Coll. *Ab*: Ruissalo. Winqvist 2011 w-album 11:5.
* - *bohemica* Bart. *et Kub.* *Kl*: Parikkala (J. Sinkkonen). Barták & Kubík 2012 Rev. Suisse Zool. 119:389.
- *albitarsis* Coll. *N*: Loviisa (J. Flinck). Flinck & Kahanpää 2013:54.
- *hambergi* Frey *Le*: Enontekiö. Haarto & Winqvist 2014:4
- *longestylata* Frey (restored as species) Finland. Kahanpää in Kahanpää & Salmela 2014:187.
Chelifera subangusta Coll. *Ks*: Kuusamo. Haarto & Winqvist 2014:4.
Dolichocephala guttata (Hal.) *Al*: Eckerö, Hammarland and Jomala. Kahanpää 2013c:64.
- *oblongoguttata* (Dale) *Ks*: Salla. Salmela *et al.* 2015:63, 124.
- *bartaki* Wagn. *Ob, Ks, Lk, Le, Li.* *ibid.*: 63, 124
- *bellstedti* Joost *Ob, Ks, Lk, Le, Li.* *ibid.*: 63, 124
- *woodi* Sincl. *et MacD.* *Ks, Lk, Le, Li.* *ibid.*: 63, 124
Sciapus wiedemanni (Fall.) Finland. Kahanpää in Kahanpää & Salmela 2014:198.
Rhaphium lanceolatum Loew (restored as species). Finland. *ibid.*:204.
- *latimanum* Kahanp. Finland. *ibid.*:204.
Micromorphus claripennis (Strobl) *Ab*: Karjaa. Kahanpää 2013b Biodivers. Data J. 1:e976:28.
Achalcus nigropunctatus Poll. *et Brunh.* *Al, Ab, Oa, Om, Ob, Li.* *ibid.*:29.
Hydrophorus callosoma Frey (sp. dist.) *Om, Ob.* *ibid.*:3
Campsicnemus femoratus Ringd. *Ok, Ob, Ks.* *ibid.*:24.
Argyra setulipes Beck. *N*: Siuntio. *ibid.*:21.
Chrysotus cupreus (Macq.) *Al*: Lemland. *ibid.*:23.
- *femoratus* Zett. Finland. Kahanpää in Kahanpää & Salmela 2014:200.
Asyndetus latifrons (Loew) *N*: Loviisa (J. Flinck). Kahanpää 2013b Biodivers. Data J. 1:e976:21.
Hercostomus nigrilamellatus (Macq.) *Ab*: Ruissalo. Winqvist 2011:5.
Dolichopus annulitarsis Ringd. *Le*: Enontekiö. Kahanpää 2013b Biodivers. Data J 1:e976:16. Haarto & Winqvist 2014:4
- *lancearius* Hedstr. *Ob*: Tervola. Kahanpää 2013b:19.

- *nigripes* Fall. *Ab*: Karjaa, *N*: Nurmijärvi. *ibid.*:20.
- *setiger* Negrob. Finland. Kahanpää in Kahanpää & Salmela 2014:197.
- *trivialis* Halid. Finland. *ibid.*:197.
- Sybiostroma discipes* (Germ.) *N*: Espoo (J. Koistinen). Kahanpää 2013b:20. Albrecht *et al.* 2014 Memoranda Soc. Fauna Flora Fenn. 90:113.
- Medetera belgica* Par. *Al, Ab, N, Ta, Sa, Om.* *ibid.*:11.
- *fumida* Negr. *N*: Pukkila. *ibid.*:13.
- *prjachinae* Negr. *et Stack.* *N*: Pukkila. *ibid.*:14.
- *seguyi* Par. *N*: Lapinjärvi, *Ta*: Lammi. *ibid.*:14.
- *zinovjevi* Negr. *Ks*: Taivalkoski (J. Salmela). *ibid.*:15.
- Lonchoptera scutellata* Stein *Al, Ab, N.* Kahanpää 2013c:64.
- *mejerei* Coll. *N*: Mäntsälä. *ibid.*:64.
- Borophaga incrassata* (Meig.) *Ab*: Kemiö. Kahanpää 2013c:64.
- Chaetopleurophora spinosissima* (Strobl) *N*: Vantaa. *ibid.*:64.
- Conicera schnittmanni* Schmitz Finland. Kahanpää in Kahanpää & Salmela 2014:215.
- Gymnophora nigripennis* Schmitz *Al*: Jomala (T. Clayhills). Haarto & Winqvist 2014:4.
- *healeyae* Disn. Finland. Kahanpää in Kahanpää & Salmela 2014:216.
- Megaselia fungivora* (Wood) *Ab*: Turku Satava (K. Winqvist). Disney 2011 Entomol. Mon. Mag. 147:49.
- *prodroma* (Lundb.) *Ab*: Turku Satava (K. Winqvist). *ibid.*:49.
- * - *winqvisti* Disn. *Ab*: Turku Satava (K. Winqvist). *ibid.*:49.
- *breviseta* (Wood) *St*: Harjavalta. Disney 2012 Zootaxa 3298:32.
- *parnassia* Disn. *St*: Harjavalta. *ibid.*:32.
- * - *extignum* Disn. *Ok*: Kuhmo. Disney 2015 Entomol. Mon. Mag. 151:277.
- *meigeni* (Beck.) *Ab*: Turku. Haarto & Winqvist 2014:5.
- *annulipes* (Schmitz) Finland. Kahanpää in Kahanpää & Salmela 2014:216.
- *elongata* (Wood) Finland. *ibid.*:217.
- *erecta* (Wood) Finland. *ibid.*:217.
- *fuscovariana* Schmitz Finland. *ibid.*:217.
- *hectochaeta* Schmitz Finland. *ibid.*:217.
- *infraposita* (Wood) Finland. *ibid.*:217.
- *posticata* (Strobl) Finland. *ibid.*:219.
- *praeacuta* (Schmitz) Finland. *ibid.*:219.
- *quadriseta* (Schmitz) Finland. *ibid.*:219.
- *scalaris* (Loew) Finland. *ibid.*:219.
- Metopina oligoneura* (Mik) Finland. *ibid.*:220.
- *pileata* Schmitz Finland. *ibid.*:220.
- Phalacrotophora beuki* Disn. Finland. *ibid.*:220.
- Phora convallium* Schmitz *Ab*: Lohja. Kahanpää 2013c:65.
- *convergens* Schmitz *Al, Ab, Ta, Ob, Ks.* *ibid.*:65.
- *hamata* Schmitz *Al, Ab, N, Ta.* *ibid.*:65.
- *stictica* Meig. Finland. Kahanpää in Kahanpää & Salmela 2014:221.
- Pseudacteon formicarum* (Verr.) *Al*: Jomala (T. Clayhills). Haarto & Winqvist 2014:5.
- Plectanocnema nudipes* (Beck.) *N*: Helsinki, *Kl*: Parikkala. Kahanpää 2013c:65.
- Spiniphora dorsalis* (Beck.) *N*: Helsinki (J. Flinck). Flinck & Kahanpää 2013:54.
- *excisa* (Beck.) *Ab, N.* Haarto & Winqvist 2014:5.
- *bergenstammi* (Mik) Finland. Kahanpää in Kahanpää & Salmela 2014:221.
- Triphleba hyalinata* (Meig.) *Ab*: Turku. Haarto & Winqvist 2014:5.
- *luteifemorata* (Wood) *Ab*: Naantali. *ibid.*:5.
- Microsania capnophila* Shat. *Ks*: Oulanka. Ståhls & Rättel 2013 Sahlbergia 19:52.
- *collarti* Chandl. *Ks*: Kuusamo and Taivalkoski. *ibid.*:52.
- *vrydaghi* Coll. *Ab*: Vihti, *Ks*: Taivalkoski. *ibid.*:52.
- Agathomyia falleni* (Zett.) *Ab*: Ruissalo. Winqvist 2011:5.
- *sexmaculata* (v.Ros.) Finland. Ståhls in Kahanpää & Salmela 2014:210.
- *scutellaris* (Zett.) Finland. *ibid.*:210.
- *boreella* (Zett.). Finland. *ibid.*:210.
- Callomyia krivosheinae* Shat. *N*: Helsinki. *ibid.*:211. Ståhls, Rättel & Miettinen 2014 Sahlbergia 20(2):10.
- Bolopus furcatus* (Fall.) Finland. Ståhls in Kahanpää & Salmela 2014:211.
- Platycheirus modestus* Ide *Ob*: Tornio (I. Kakko). Haarto & Kerppola in Kahanpää & Salmela 2014:248. Haarto 2014 Sahlbergia 20(2):6.
- Paragus constrictus* Šimić *Ab, Kb, Om.* Kerppola 2013 Sahlbergia 19:30.
- Pipiza notata* Meig. (sp. restit.). Vujić *et al.* 2013 Zool. Scripta 42:298.
- *fasciata* Meig. *N*: Helsinki (S. Kerppola). Kerppola 2013.:31.
- Pipizella obscura* Steen. *Ob*: Rovaniemi (J. A. W. Lucas). *ibid.*:31 [van Steenis & Lucas 2011 Dipterist Digest]
- Cheilosia barovskii* (Stackelb.) *N*: Sipoo, *Ta*: Sääksmäki. Haarto & Kerppola in Kahanpää & Salmela 2014:248.
- Hammerschmidtia ingraca* Stack. *N*: Helsinki Santahamina. Kerppola 2012 Sahlbergia 17(2):2.
- Mallota tricolor* Loew *Ta*: Hämeenlinna, *Sa*: Joutseno. Haarto & Kerppola in Kahanpää & Salmela 2014:248. Raekunnas & Kerppola 2014 Sahlbergia 20(2):13.
- Blera eoa* (Stack.) *Ks*: Liikasenvaara. Kerppola & Raekunnas 2012 Sahlbergia 18:2.

- Chalcosyrphus rufipes* (Loew) Finland. Haarto & Kerppola in Kahanpää & Salmela 2014:246.
- Myopa vicaria* Walk. *Ab-Li*. Kahanpää & Stuke in Kahanpää & Salmela 2014:256.
- Freyopsila sibirica* Frey *N, Sa, Om, Ks*. Kahanpää 2013c:65.
- Chamaepsila nigrosetosa* Frey (sp. dist.) Finland. Kahanpää & Stuke in Kahanpää & Salmela 2014:256.
- *unilineata* (Zett.) (sp. dist.) Finland. *ibid.*:256.
- Chyliza nova* Coll. *Ta*: Hämeenlinna (I. Kakko). Haarto & Winqvist 2014:5.
- Loxocera albisetata* (Schränk) *Ab, N, Ta*. Kahanpää 2013c:65.
- Tephritis mutabilis* Merz Finland. Kahanpää & Winqvist in Kahanpää & Salmela 2014:267.
- Rhagoletis meigenii* (Loew) *N*: Espoo (J. Koistinen), Loviisa (J. Flinck). Flinck & Kahanpää 2013:54.
- Neottiophilum praeustum* (Meig.) *N*: Mäntsälä (I. Kakko). Haarto & Winqvist 2014:6.
- Actenoptera hilarella* (Zett.) *Ta*: Ruovesi (M. Kuussaari). *ibid.*:6.
- Lonchaea carpathica* (Koval.) *Ab, N*. *ibid.*:5.
- *bukowskii* Czerny Finland. Kahanpää & Winqvist in Kahanpää & Salmela 2014:263.
- Paradryomyza spinigera* Ozer. *Oa, Sb, Li*. Haarto & Winqvist 2014:6.
- Meroplius fukuharai* (Iw.) *Ka*: Virolahti. *ibid.*:6.
- Zuskamira inexpectata* Pont *Ab*: Lohja. Ang, Rohmer & Meier 2015 *Biodivers. Data Journ.* 3(4308):5.
- Pteromicra oldenbergi* (Hend.) *Al, Ab, N*. Kahanpää 2013c:65.
- Euthycera fumigata* (Scop.) *N*: Helsinki. Flinck & Kahanpää 2013:56.
- Homoneura biumbrata* (Loew) *Ab*: Karislojo, Lojo and Vichtis. Kahanpää 2013d *Sahlbergia* 19:72.
- *mediospinosa* Merz *Ab, N, Ka, Ta, Sa*. *ibid.*:73.
- Pachycerina pulchra* (Loew) *N, Ta*. *ibid.*:73.
- Minettia helvola* (Beck.) *N*: Espoo. *ibid.*:73.
- *filia* (Beck.) *Ab, N, Ta, Kl, Ks*. *ibid.*:73.
- Pseudolyciella stylata* (Papp) *Al, Ab, N, St, Ta*. *ibid.*:75.
- Lauxania albomaculata* Strobl *N*: Vantaa, Nurmijärvi, Pukkila. *ibid.*:73.
- Sapromyza albiceps* (Fall.) *Al, N, Sa*. *ibid.*:75.
- *apicalis* Loew *Al, N*. *ibid.*:76.
- *schnabli* Papp *N*: Helsingfors. *ibid.*:76.
- *simplicior* Hend. *Om, Ob*. *ibid.*:76.
- Trigonometopus frontalis* (Meig.) *Al*: Eckerö (I. Kakko). *ibid.*:76.
- Chamaemyia aestiva* Tanas. Finland. Kahanpää in Kahanpää & Salmela 2014:278.
- *emiliae* Tanas. Finland. *ibid.*:278.
- *flavipalpis* (Halid.) Finland. *ibid.*:278.
- *paludosa* Coll. Finland. *ibid.*:278.
- *sylvatica* Coll. Finland. *ibid.*:279.
- Leucopis atritarsis* Tanas. Finland. *ibid.*:279.
- *glyphinivora* Tanas. Finland. *ibid.*:279.
- *sorbi* Tanas. Finland. *ibid.*:279.
- Periscelis winnertzii* Egg. *N, Om*. Haarto & Winqvist 2014:8.
- Agromyza rufipes* (Meig.) *Ab*: Turku. *ibid.*:6.
- *bicaudata* (Hend.) Finland. Kahanpää in Kahanpää & Salmela 2014:292.
- *nigrociliata* Hend. Finland. *ibid.*:293.
- Ophiomyia curvipalpis* (Zett.) Finland. *ibid.*:294.
- *vitiosa* Spenc. Finland. *ibid.*:294.
- Hexomyza schineri* (Gir.) Finland. *ibid.*:293.
- Melanagromyza chaerophylli* Spenc. *Ab*: Turku, *Tb*: Jyväskylä. Haarto & Winqvist 2014:6.
- *oligophaga* Spenc. *Ta*: Janakkala. Vikberg & Malinen 2012 *Sahlbergia* 18(2):18.
- Amauromyza karli* (Hend.) *Ab*: Turku. Haarto & Winqvist 2014:7.
- *monfalconensis* (Strobl) *Al*: Mariehamn and Saltvik. Kahanpää 2013c:66.
- Cerodontha staryi* (Stary) *Ab*: Karjalohja. *ibid.*:66.
- *bohemani* (Rydén) *Ab, N, Tb*. *ibid.*:66.
- *affinis* (Fall.) Finland. Kahanpää in Kahanpää & Salmela 2014:295.
- *eucaricis* Nowak. *Ab*: Turku. Haarto & Winqvist 2014:7.
- *churchillensis* Spenc. *Ok*: Suomussalmi (A. Roininen). Haarto & Winqvist 2014:7.
- *calamagrostidis* Nowak. Finland. Kahanpää in Kahanpää & Salmela 2014:296.
- *pygmella* (Hend.) Finland. *ibid.*:296.
- *spencerae* Zlob. Finland. *ibid.*:296.
- Liriomyza equiseti* Meij. *Ab*: Turku. Haarto & Winqvist 2014:7.
- *taraxaci* Her. Finland. Kahanpää in Kahanpää & Salmela 2014:298.
- Calycomyza subapproximata* (Sasak.) Finland. Kahanpää in Kahanpää & Salmela 2014:295.
- Aulagromyza heringii* (Hend.) *Al*: Finström. Kahanpää 2013c:66.
- *tremulae* (Her.) *N*: Helsinki. *ibid.*:66.
- *trivittata* (Loew) *Al, Ab, Ka*. Haarto & Winqvist 2014:7.
- Pseudonapomyza europaea* Spenc. Finland. *ibid.*:301.
- Napomyza achilleanella* Tschirnh. Finland. *ibid.*:298.
- *bellidis* Griff. Finland. *ibid.*:298.
- *carotae* Spenc. Finland. *ibid.*:298.
- *cichorii* Spenc. Finland. *ibid.*:298.
- *hirticornis* (Hend.) Finland. *ibid.*:298.
- *maritima* Tschirnh. Finland. *ibid.*:298.
- *merita* Zlob. Finland. *ibid.*:298.
- Phytomyza socia* Brischke *Ab*: Karjalohja. Kahanpää 2013c:66.
- *diversicornis* Hend. *Li*: Inari (E. & L. Laasonen).

- Albrecht *et al.* 2012 Memoranda Soc. Fauna Flora Fenn. 88:81; Kahanpää 2013c:66.
- *rapunculi* Hend. *Al*: Finström. Haarto & Winqvist 2014:7.
 - *buhriella* Spenc. Finland. Kahanpää in Kahanpää & Salmela 2014:299.
 - *enigmoides* Her. Finland. *ibid.*:299.
 - *linguae* Lundqv. Finland. *ibid.*:300.
- Chromatomyia ochracea* Hend. Finland. *ibid.*:296.
- Cusiodes verticalis* (Coll.) *Ab*: Vihtijärvi (R. Tuomikoski). Lonsdale & Marshall 2007 Stud. Dipterol. 14:134.
- Morpholeria dudai* (Czerny) Finland. Kahanpää in Kahanpää & Salmela 2014:321.
- Scolioecentra dupliciseta* (Strobl) *Ab, Ta, Kb, Li*. Haarto & Winqvist 2014:8.
- *villosa* (Meig.) *Ab, N*. *ibid.*:8.
- Suillia lineitergum* (Pand.) *N*: Loviisa (J. Flinck). Flinck & Kahanpää 2013:56.
- *lurida* (Meig.) *N*: Espoo and Mäntsälä. Kahanpää 2013c:68.
 - *quadri-lineata* Czerny *St, Ta, Sb, Kb, Lk*. *ibid.*:68.
 - *femoralis* (Loew) Finland. Kahanpää in Kahanpää & Salmela 2014:322.
- Heteromyza atricornis* Meig. Finland. *ibid.*:321.
- Anthomyza collini* Anderss. Finland. Kahanpää in Kahanpää & Salmela 2014:286.
- *elbergi* Anderss. Finland. *ibid.*:286.
 - *macera* Czerny Finland. *ibid.*:286.
 - *paraneglecta* Elb. Finland. *ibid.*:287.
- Carexomyza caricis* (Rohač.) Finland. *ibid.*:287.
- Fungomyza albimana* (Meig.) Finland. *ibid.*:287.
- Opomyza lineatopunctata* Ros. *Al, N, Ta, Ob, Ks*. Kahanpää 2013c:67.
- Geomyza martineki* Drake *Al*: Eckerö and Jomala. *ibid.*:66.
- *paganettii* (Strobl) *N*: Helsinki (J. Flinck). Flinck & Kahanpää 2013:56.
 - *consobrina* Zett. (sp. dist.) Finland. Kahanpää in Kahanpää & Salmela 2014:288.
- Aulacigaster pappi* Kasseb. *Al, Ab, N, Sa, Kl, Oa, Sb, Om, Lk*. Haarto & Winqvist 2014:7.
- Asteia amoena* Meig. *Ab*: Sauvo, *N*: Helsinki and Vantaa. Flinck & Kahanpää 2013:56.
- Gymnochironomyia mihalyii* Soos Finland (J. Flinck) Albrecht *et al.* 2015 Memoranda Soc. Fauna Flora Fenn. 91:100.
- Ischiolepta micropyga* (Duda) *Ab*: Turku, Paimio and Salo. Haarto & Kahanpää 2013 EF 24:230.
- *nitida* (Duda) Finland. Haarto & Kahanpää in Kahanpää & Salmela 2014:327.
- Crumomyia pedestris* (Meig.) *Ab*: Taivassalo. Haarto & Kahanpää 2013:230.
- Coproica hirticula* Coll. Finland. Haarto & Kahanpää in Kahanpää & Salmela 2014:328.
- Trachypella atomus* (Rond.) *N*: Vantaa. Haarto & Kahanpää 2013:232.
- Leptocera nigra* Ol. Finland. Haarto & Kahanpää in Kahanpää & Salmela 2014:328.
- Minilimosina guestphalica* (Duda) (f. d. *M. v-atrum* (Villen.)) Finland. Haarto & Kahanpää 2013:231.
- *tenera* (Rohač.) *Lk*: Kolari. *ibid.*:229.
- Opalimosina simplex* Rich. Finland. Haarto & Kahanpää in Kahanpää & Salmela 2014:329.
- Paralimosina kaszabi* Papp *N*: Nummi-Pusula and Loviisa. Haarto & Kahanpää 2013:231.
- Pullimosina mejerei* (Duda) *Ab*: Taivassalo, Raisio and Paimio. *ibid.*:231.
- Spelobia belanica* Rohač. *Lk*: Kolari (T. Clayhills). *ibid.*:231.
- *pappi* Rohač. *Ok*: Suomussalmi, *Lk*: Kolari. *ibid.*:231; Albrecht *et al.* 2014 Memoranda Soc. Fauna Flora Fenn. 90:113.
 - *manicata* (Rich.) (sp. dist.) Finland. Haarto & Kahanpää in Kahanpää & Salmela 2014:331.
 - *pseudonivalis* (Dahl) Finland. *ibid.*:330.
- Desmometopa varipalpis* Mall. *Ab*: Mynämäki. Haarto & Winqvist 2014:8.
- Phyllomyza longipalpis* (Schmitz) Finland. Kahanpää in Kahanpää & Salmela 2014:307.
- *rubricornis* Schmitz. Finland. *ibid.*:307.
- Meoneura minutissima* (Zett.) *Al*: Mariehamn. Kahanpää 2013c:68.
- Psilopa nitidifacies* Frey Finland. Zatwarnicki & Kahanpää in Kahanpää & Salmela 2014:340.
- Atissa pygmaea* Halid. *Ab*: Ruissalo. Winqvist 2011:5.
- Hydrellia albifrons* (Fall.) Finland. Zatwarnicki & Kahanpää in Kahanpää & Salmela 2014:341.
- *cochleariae* Halid. (f. d. *H. flavicornis* (Fall.)) Finland. *ibid.*:341.
 - *fulviceps* (Stenh.) Finland. *ibid.*:341.
 - *mutata* (Zett.) Finland. *ibid.*:341.
 - *subalbiceps* Coll. Finland. *ibid.*:341.
 - *tarsata* Halid. Finland. *ibid.*:341.
- Notiphila pollinosa* Kriv. Finland. *ibid.*:342.
- Glenanthe fuscinervis* Beck. (f. d. *G. ripicola* (Halid.)) Finland. *ibid.*:342.
- Gymnoclasiopa nigerrima* (Strobl) Finland. *ibid.*:342.
- Ditrichophora calceata* (Meig.) *Ab*: Turku, *N*: Helsinki. Haarto & Winqvist 2014:9.
- Hecamedoides unispinosus* (Coll.) *Ab*: Karjaa. Kahanpää 2013c:68.
- Philygria femorata* (Stenh.) Finland. Zatwarnicki & Kahanpää in Kahanpää & Salmela 2014:343.
- Parydra mitis* (Cress.) *N, Ka, Tb*. Kahanpää 2013c:68. Albrecht *et al.* 2014 Memoranda Soc. Fauna Flora Fenn. 90:113.
- *nigritarsis* Strobl *Lk*: Kolari (T. Clayhills). Haarto & Winqvist 2014:9.
- Coenia vulgata* Krivosh. Finland. Zatwarnicki &

- Kahanpää in Kahanpää & Salmela 2014:345.
Scatophila iowana Wheel. Finland. *ibid.*:345.
 - *mesogramma* (Loew) Finland. *ibid.*:345.
Chymomyza amoena (Loew) Finland. Kahanpää in Kahanpää & Salmela 2014:336.
Drosophila tristis Fall. *Al*: Finström Husö. Henriksson & Prest 2013:15. Haarto & Winqvist 2014:9; Albrecht *et al.* 2014 Memoranda Soc. Fauna Flora Fenn. 90:113
Hirtodrosophila trivittata (Strobl) Finland. Kahanpää in Kahanpää & Salmela 2014:337.
Gaurax borealis (Duda) (sp. dist.) *Ab, Ok, Ks, Lk.* Nartshuk & Andersson 2013 Fauna Ent. Scand. 43:102.
 - *ephippium* (Zett.) (sp. dist.) *Al, N.* *ibid.*:104.
 - *fascipes* Beck. *N*: Tvärminne (R.Frey). *ibid.*:104.
 - *macrocerus* (Nartshuk) *Al, Oa, Ks.* *ibid.*:106.
Polyodaspis sulcicollis (Meig.) *Al, Ab, N.* *ibid.*:139.
Lasiambia baliola (Coll.) *Al.* *ibid.*:114.
 - *coxalis* (Ros.) *Al.* *ibid.*:116.
Eribolus gracilior (Meij.) *Ta*: Forssa (M. Loikkaanen), *Ok*: Paltamo (Koponen). *ibid.*:97.
Rhopalopterum atricorne (Zett.) *Ab, N, Ta, Sb.* *ibid.*:143.
 - *brunneipenne* Besch. et Lansb. *Ab, Sb.* *ibid.*:143.
 - *fasciola* (Meig.) *Ab, Ta, Kb, Om.* *ibid.*:143.
 - *femorale* Coll. *St, Sb, Om, Ob, Lk.* *ibid.*:143.
Oscinella angularis Coll. *N, Ta, Om.* *ibid.*:126.
 - *cariciphila* Coll. *N.* *ibid.*:128.
 - *nitidissima* (Meig.) *Ab-Ks.* *ibid.*:129.
 - *pusilla* (Meig.) *Ab-Li.* *ibid.*:131.
 - *ventricosi* Nartshuk *Ta.* *ibid.*:133.
 - *nigerrima* (Macq.) Finland. Nartshuk & Kahanpää in Kahanpää & Salmela 2014:317.
 - *vindicata* (Meig.) Finland. *ibid.*:317.
Incertella scotica (Coll.) *Ab, N, Ob, Ks.* Nartshuk & Andersson 2013:113.
Conioscinella livida Nartshuk *N*: Espoo, *Sb*: Varpaisjärvi. *ibid.*:81.
 - *mimula* Coll. *Al, Ab, N, Ta.* *ibid.*:83.
Trachysiphonella ruficeps (Macq.) *Al, Ab, N.* *ibid.*:149.
Tricimba lineella (Fall.) *Al.* *ibid.*:152.
Aphanotrigonum cincellum (Zett.) *Al, Ab, Om, Ob.* *ibid.*:63.
 - *hungaricum* Dely-Dr. *Al, Ab, N.* *ibid.*:63.
Dicraeus tibialis (Macq.) *Al, N.* *ibid.*:88.
 - *rossicus* Stack. *Al*: Jomala, *N*: Helsinki. *ibid.*:88.
 - *nitidus* Wahlgr. *Al.* *ibid.*:86.
Aspistyla plumiger (Meig.) *Al.* *ibid.*:60.
Meromyza sibirica Fedos. *Sb*: Maaninka. *ibid.*:215.
Chlorops laetus Meig. *Sa.* *ibid.*:172.
 - *geminatus* Meig. *Sa*: Joutseno (J. Vilén). Haarto & Winqvist 2014:8.
 - *palpatus* Smirn. *Ab*: Turku. *ibid.*:8.
 - *pannonicus* Strobl *Ok*: Vaala (J. Itämies & R. Leinonen). *ibid.*:8.
 - *riparius* Smirn. *N, Oa.* *ibid.*:8.
 - *anthracophagoides* Strobl *Ab*: [Muurla] Eriksberg. Nartshuk & Kahanpää in Kahanpää & Salmela 2014:318.
Centorisoma elegantulum Beck. *N*: Loviisa, *Ta*: Heinola. *ibid.*:318; Albrecht *et al.* 2014 Memoranda Soc. Fauna Flora Fenn. 90:113.
Cordilura aemula Coll. *Ta, Sa, Ok.* Kahanpää 2013c:68.
Allomyella frigida (Holmgr.) *Le*: Enontekiö (T. Clayhills & V.-M. Mukkala). Haarto & Winqvist 2014:9.
Pleurochaetella simplicipes (Beck.) *Le*: Enontekiö. *ibid.*:10.
Norellia tipularia (F.) *Ab*: Ruissalo. Winqvist 2011:5.
Scathophaga apicalis Curt. *Le*: Enontekiö (T. Clayhills). Haarto & Winqvist 2014:10.
 - *litorea* (Fall.) Finland. Kahanpää in Kahanpää & Salmela 2014:351.
Fannia aethiops Mall. *Ks*: Kuusamo (J. Salmela) and Taivalkoski (J. Salmela). Kahanpää & Haarto 2013 EF 24:180.
 - *alpina* Pont *Ta*: Heinola. *ibid.*:180.
 - *carbonella* (Stein) *Ka*: Hamina (L. Tiensuu). *ibid.*:180.
 - *fuscitibia* Stein *Le*: Kilpisjärvi (I. Kakko). *ibid.*:180.
 - *gotlandica* Ringd. *Ab*: Turku. *ibid.*:180.
 - *immutica* Coll. *Al, Sb, Ok.* *ibid.*:181.
 - *latipalpis* (Stein) *N*: Helsinki. *ibid.*:181.
 - *leucosticta* (Meig.) *Ab*: Bromarv (S. Laurema). *ibid.*:181.
 - *metallipennis* (Zett.) *Ab, Ka.* Haarto 2013 w-album 13:13. Kahanpää & Haarto 2013 EF24:181.
 - *pauli* Pont *Ab*: Korppoo Utö. Haarto 2013 w-album 13:13. Kahanpää & Haarto 2013 EF24:181.
 - *slovaca* Greg. et Rozk. *Ab*: Karjaa. Kahanpää & Haarto 2013 EF24:181.
 - *stiigi* Rogn. *Ka, Le, Li.* *ibid.*:181.
 - *subatripes* Ass.-F. *Lk*: Kolari. *ibid.*:182.
 - *subpubescens* Coll. *Ab, N.* *ibid.*:182.
 - *umbratica* Coll. *Sb, Lk, Li.* *ibid.*:183.
 - *umbrosa* (Stein) *Ab, Ta.* *ibid.*:183.
 - *verrallii* (Stein) *Ab, Sa, Oa, Ok, Ks.* *ibid.*:183.
 - *vesparia* (Meade) *Sb*: Kuopio. *ibid.*:184.
 - *vespetilionis* Ringd. *N*: Raseborg. *ibid.*:184.
Piezura graminicola (Zett.) *Al, Ab, N.* *ibid.*:184.
 - *pardalina* Rond. *Al, Ab, N.* *ibid.*:184.
Muscina angustifrons (Loew) *N*: Loviisa (J. Flinck), *Kb*: Liperi (A. Karhu). Flinck & Kahanpää 2013:57.
Thricops rostratus (Meade) *Le*: Enontekiö. Haarto & Winqvist 2014:15.

- Hydrotaea borussica* Stein *Al, Ab, N, Ta, Sa*. Kahanpää 2013c:70.
- *basdeni* Coll. *N*: Mäntsälä (O. Elo), *Kb*: Liperi (A. Karhu). Haarto & Winqvist 2014:14.
 - *cyrtoneurina* (Zett.) *Al, Ab, N*. Haarto & Winqvist 2014:15.
 - *floccosa* Macq. Finland. Kahanpää & Haarto in Kahanpää & Salmela 2014:358.
 - *meridionalis* Ports. Finland. *ibid.*:358.
- Mesembrina resplendens* Wahlb. *Kl*: Parikkala, *Kb*: Lieksa. Haarto & Winqvist 2014:15.
- Haematobosca alcis* Snow Finland. Kahanpää & Haarto in Kahanpää & Salmela 2014:360.
- Phaonia amacula* Villen. *Ab*: Ruissalo (K. Winqvist). *ibid.*:366.
- *laeta* (Fall.) *Ab*: Ruissalo. Winqvist 2011:5.
 - *canescens* Stein *N*: Helsinki (J. Flinck). Kahanpää 2013c:70.
 - *gobertii* (Mik) *N*: Helsinki (J. Flinck). *ibid.*:70.
 - *atriceps* (Loew) *Ab, N, St, Tb*. Haarto & Winqvist 2014:15.
 - *latipalpis* Schnabl *Ta*: Lahti (V. Keronen). *ibid.*:16.
 - *longicornis* Stein *Ab*: Turku (E. Hyvärinen). *ibid.*:16.
- Helina setiventris* Ringd. *Ab*: Kemiönsaari, *N*: Helsinki and Vantaa. Flinck & Kahanpää 2013:57.
- *pertusa* (Meig.) *Al, Ab*. Kahanpää 2013c:70.
 - *veterana* (Zett.) Finland. Kahanpää & Haarto in Kahanpää & Salmela 2014:363.
- Mydaea nebulosa* (Stein) *Al, N, Tb, Kb*. Haarto & Winqvist 2014:15.
- Hebecnema nigra* (Rob.-Desv.) Finland. Kahanpää & Haarto in Kahanpää & Salmela 2014:361.
- Graphomya minor* Rob.-Desv. *Ab*: Utö (A. Haarto & J. Jokinen). Henriksson & Prest 2013:13.
- Spilogona albisquama* (Ringd.) *Li*: Inari. Kahanpää 2013c:70.
- *atrisquamula* Henn. *Ks*: Kuusamo. *ibid.*:70.
 - *malaisei* (Ringd.) *Le*: Enontekiö. *ibid.*:70.
 - *pusilla* (Huck.) *Li*: Inari. *ibid.*:70.
 - *semiglobosa* (Ringd.) *N*: Espoo. *ibid.*:70.
- *brunneifrons* Ringd. *Le, Li*. Haarto & Winqvist 2014:14.
- *brunneisquama* (Zett.) Finland. Kahanpää & Haarto in Kahanpää & Salmela 2014:356.
 - *spectabilis* (Tiens.) Finland. *ibid.*:357.
 - *tornensis* (Ringd.) Finland. *ibid.*:357.
 - *nitidicauda* (Schnabl) *Le*: Enontekiö. Haarto & Winqvist 2014:14.
 - *tenuis* Henn. *Kb, Ob, Ks, Le*. *ibid.*:14.
- Limnophora pandellei* Séguy *Ks*: Kuusamo, *Li*: Utsjoki. Kahanpää 2013c:69.
- *rotundata* Coll. Finland. Kahanpää & Haarto in Kahanpää & Salmela 2014:356.
- Lispe melaleuca* Loew *N*: Helsinki. Kahanpää 2013c:70.
- Lispocephala falculata* Coll. *Al*: Finström Husö. Henriksson & Prest 2013:15. Haarto & Winqvist 2014:13.
- *fuscitibia* Ringd. *Kb*: Ilomantsi. Kahanpää 2013c:69.
 - *pallipalpis* (Zett.) *Ab, N, Li*. Haarto & Winqvist 2014:14.
- Coenosia lacteipennis* (Zett.) *Ab*: Utö. Haarto 2013 w-album 13.:13
- *verralli* Coll. *Ab, Ob*. *ibid.*:13.
 - *agromyzina* (Fall.) *Al, Ab, N*. Flinck & Kahanpää 2013:60.
 - *pudorosa* Coll. *N, Ta, Sa, Ks, Lk*. Kahanpää 2013c:69; Albrecht *et al.* 2014 Memoranda Soc. Fauna Flora Fenn. 90:113.
 - *sallae* Tiens. *Ab*: Karjalohja, *Ta*: Riihimäki. Kahanpää 2013c:69.
- Bellardia bayeri* (Jacentk.) *Ab, N, Ka, Ta*. *ibid.*:58.
- Lucilia ampullacea* Villen. Finland. Pohjoismäki & Kahanpää in Kahanpää & Salmela 2014:386.
- Protocalliphora peusi* Greg. et Pov. Finland. *ibid.*:385.
- Senotainia albifrons* (Rond.) *N*: Helsinki, Pernaja and Loviisa. Flinck & Kahanpää 2013 Sahlbergia 19:60.
- Blaesoxipha laticornis* (Meig.) *N, Ka, Sa*. Haarto & Winqvist 2014:16.
- *lapidosa* Pape Finland. Pohjoismäki & Kahanpää in Kahanpää & Salmela 2014:388.
- Sarcophaga lehmanni* Müll. *N, Sa, Kl*. Haarto & Winqvist 2014:16.
- *rosellei* Böttch. *N*: Helsinki (J. Flinck). Flinck & Kahanpää 2013 Sahlbergia 19:60.
- Paykullia maculata* (Fall.) Finland. Pohjoismäki & Kahanpää in Kahanpää & Salmela 2014:390.
- Anthomyia canningsi* Griff. Finland. Michelsen in Kahanpää & Salmela 2014:371.
- *confusanea* Michels. Finland. *ibid.*:371.
 - *imbrida* Rond. Finland. *ibid.*:371.
- Botanophila bidens* (Ringd.) *Le*: Enontekiö. Haarto & Winqvist 2014:10.
- *miniatura* (Huck.) *Le*: Enontekiö. *ibid.*:11.
 - *relativa* (Huck.) *Le*: Enontekiö. *ibid.*:12.
 - *biciliaris* (Pand.) Finland. Michelsen in Kahanpää & Salmela 2014:372
 - *cognata* Suwa Finland. *ibid.*:372.
 - *discreta* (Meig.) Finland. *ibid.*:372.
 - *estonica* (Elb.) Finland. *ibid.*:372.
 - *gemmata* (Zett.) Finland. *ibid.*:372.
 - *gnava* (Meig.) Finland. *ibid.*:372.
 - *impudica* (Rond.) Finland. *ibid.*:372.
 - *laterella* (Coll.) Finland. *ibid.*:372.
 - *lobata* (Coll.) Finland. *ibid.*:372.
 - *nigra* Michels. Finland. *ibid.*:372.
 - *petrophila* (Ringd.) Finland. *ibid.*:372.
 - *rubrifrons* (Ringd.) Finland. *ibid.*:372.
 - *sonchi* (Hardy) Finland. *ibid.*:373.

- *trapezina* (Zett.) Finland. *ibid.*:373.
- *unicolor* (Ringd.) Finland. *ibid.*:373.
- Chiasmocheta dentifera* Henn. Finland. *ibid.*:373.
- *macropyga* Henn. Finland. *ibid.*:373.
- *trollii* (Zett.) Finland. *ibid.*:373.
- Ringdahlia curtigena* (Ringd.) Finland. *ibid.*:379.
- Boreophorbia hirtipes* (Stein) Finland. *ibid.*:372.
- Chirosia cinerosa* (Zett.) Finland. *ibid.*:373.
- *griseifrons* (Ség.) Finland. *ibid.*:373.
- *nigripes* Bezzi Finland. *ibid.*:373.
- Egle atomaria* (Zett.) Finland. *ibid.*:375.
- *concomitans* (Pand.) Finland. *ibid.*:375.
- *ignobilis* Michels. Finland. *ibid.*:375.
- *inermis* Ackl. Finland. *ibid.*:375.
- *lyneborghi* Ackl. et Griff. Finland. *ibid.*:375.
- *pilitibia* (Ringd.) Finland. *ibid.*:375.
- *steini* Schnabl Finland. *ibid.*:375.
- *subarctica* (Huck.) Finland. *ibid.*:375.
- Lasiomma anthomyinum* (Rond.) *Ab*: Turku, *N*: Helsinki. Kahanpää 2013c:68.
- *craspedodontum* Hsue *Ab*: Turku. Haarto & Winqvist 2014:12.
- *iwasai* Suwa Finland. Michelsen in Kahanpää & Salmela 2014:376.
- *japonicum* Suwa Finland. *ibid.*:376.
- *monticola* Suh et Kwon Finland. *ibid.*:376.
- *seminitidum* (Zett.) Finland. *ibid.*:377.
- Strobilomyia svensoni* Michels. Finland. *ibid.*:379.
- Delia lamelliseta* (Stein) *Ab, N, St, Sa, Kb, Lk*. Kahanpää 2013c:68.
- *subalpina* (Ringd.) *Lk*: Kolari. *ibid.*:69.
- *criniventris* (Zett.) *N*: Loviisa, *Ob*: Tornio. Haarto & Winqvist 2014:13.
- *diluta* Stein *N*: Mäntsälä (I. Kakko & C. Rantala). *ibid.*:13
- *piliventris* (Pok.) *Le*: Enontekiö (I. Kakko). *ibid.*:13.
- *rondanii* (Ringd.) *Le*: Enontekiö. *ibid.*:13.
- *abruptiseta* (Ringd.) Finland. Michelsen in Kahanpää & Salmela 2014:373.
- *carduiformis* (Schnabl) Finland. *ibid.*:374.
- *cregyoglossa* (Huck.) Finland. *ibid.*:374.
- *cuneata* Tiens. Finland. *ibid.*:374.
- *flavogrisea* (Ringd.) Finland. *ibid.*:374.
- *judicariae* (Pokorny) Finland. *ibid.*:374.
- *longicauda* (Strobl) Finland. *ibid.*:374.
- *martini* Griff. Finland. *ibid.*:374.
- *nigrescens* (Rond.) Finland. *ibid.*:374.
- *nudicosta* (Ringd.) Finland. *ibid.*:374.
- *penicilliventris* Ackl. Finland. *ibid.*:374.
- *sileni* Michels. Finland. *ibid.*:375.
- *tarsata* (Ringd.) Finland. *ibid.*:375.
- *tenuiventris* (Zett.) Finland. *ibid.*:375.
- *tumidula* (Ringd.) Finland. *ibid.*:375.
- Heterostylodes macrura* (Schnabl) Finland. *ibid.*:376.
- *nominabilis* (Coll.) Finland. *ibid.*:376.
- *obscura* (Macq.) Finland. *ibid.*:376.
- *pilifera* (Zett.) Finland. *ibid.*:376.
- Leucophora unilineata* (Zett.) Finland. *ibid.*:377.
- Paregle atrisquama* (Ringd.) Finland. *ibid.*:377
- Phorbia bartaki* Ackl. et Mich. *N*: Espoo, *Sa*: Luumäki. Kahanpää 2013c:69.
- *moliniaris* (Karl) *Ab*: Vihti. *ibid.*:69.
- *singularis* Tiens. *Ta*: Hartola. *ibid.*:69.
- *melania* Ackl. et Michels. Finland. Michelsen in Kahanpää & Salmela 2014:379.
- Zaphne brunneifrons* (Zett.) Finland. *ibid.*:380.
- *verticina* (Zett.) Finland. *ibid.*:380.
- *zetterstedtii* (Ringd.) Finland. *ibid.*:380.
- Pegoplata palposa* (Stein) *Lk*: Kolari. Haarto & Winqvist 2014:13.
- *annulata* (Pand.) Finland. Michelsen in Kahanpää & Salmela 2014:379.
- *nigroscutellata* (Stein) Finland. *ibid.*:379.
- Alliopsis albipennis* (Ringd.) *Le*: Enontekiö. Haarto & Winqvist 2014:13.
- *aldrichi* (Ringd.) Finland. Michelsen in Kahanpää & Salmela 2014:371.
- *brunneigena* (Schnabl) Finland. *ibid.*:371.
- *dentiventris* (Ringd.) Finland. *ibid.*:371.
- *fractiseta* (Stein) Finland. *ibid.*:371.
- *maculifrons* (Zett.) Finland. *ibid.*:371.
- Emmesomyia grisea* (Rob.-Desv.) Finland. *ibid.*:375.
- Eutrichota tunicata* (Zett.) *Le*: Enontekiö. Haarto & Winqvist 2014:13.
- *labradorensis* (Mall.) Finland. Michelsen in Kahanpää & Salmela 2014:375
- *schineri* (Schnabl) Finland. *ibid.*:375.
- Pegomya caesia* Stein *Le*: Enontekiö. Haarto & Winqvist 2014:13.
- *holmgreni* (Boh.) *N*: Helsinki and Loviisa. Flinck & Kahanpää 2013:57.
- *avida* Henn. Finland. Michelsen in Kahanpää & Salmela 2014:378.
- *betae* (Curt.) Finland. *ibid.*:378.
- *cunicularia* (Rond.) Finland. *ibid.*:379.
- *exilis* (Meig.) Finland. *ibid.*:379.
- *fuscinata* Tiens. Finland. *ibid.*:379.
- *grahami* Michels. et Ackl. Finland. *ibid.*:379.
- *haemorrhoum* (Zett.) Finland. *ibid.*:379.
- *holosteae* (Her.) Finland. *ibid.*:379.
- *maculata* Stein Finland. *ibid.*:379.
- *meridiana* (Villen.) Finland. *ibid.*:379.
- *notabilis* (Zett.) *Ab-Li*. *ibid.*:379. Michelsen 2015 *Zootaxa* 4020:65.
- *pulchripes* (Loew) *Ab, N, Sa*. Michelsen in Kahanpää & Salmela 2014:379. Michelsen 2015:71.
- * - *ringdahli* Mich. *N*: Tvärminne (C. Oker-Blom), *Sa*: Ristiina (L. Tiensuu). Michelsen 2015:73.
- Exorista mimula* (Meig.) Finland. *ibid.*:390.
- Phorocera assimilis* (Fall.) Finland. *ibid.*:391.

- Phorinia aurifrons* Rob.-Desv. Finland. *ibid.*:391.
Meigenia dorsalis (Meig.) Finland. *ibid.*:391.
Medina separata (Meig.) Finland. *ibid.*:391.
Lecanipa bicincta (Meig.) *Sa*: Lappeenranta. Pohjoismäki *et al.* 2015 *Tachinid Times* 28:14.
Oswaldia reducta (Villen.) *Oa*: Ilmajoki. Ziegler 2011 *Stud. Dipterol.* 17:131.
- *eggeri* (Brau. et Bergenst.) Finland. Pohjoismäki & Kahanpää in *KS14*:391.
Paracraspedothrix montivaga Villen. Finland. *ibid.*:392.
Ligeriella aristata (Villen.) Finland. *ibid.*:392.
Acemya rufitibia (Ros.) Finland. *ibid.*:392.
Paratryphera barbatula (Rond.) Finland. *ibid.*:392.
- *bisetosa* Brau. et Bergenst. Finland. *ibid.*:392.
Smidtia conspersa (Meig.) Finland. *ibid.*:392.
Winthemia cruentata (Rond.) Finland. *ibid.*:392.
- *venusta* (Meig.) Finland. *ibid.*:392.
- *speciosa* (Egger) *Sa*: Lappeenranta. Pohjoismäki *et al.* 2015 *Tachinid Times* 28:14.
Phebellia clavellariae (Brau. et Bergenst.) Finland. Pohjoismäki & Kahanpää in *KS14*:392.
- *glaucooides* Hert. Finland. *ibid.*:392.
- *glirina* (Rond.) Finlaand. *ibid.*:392.
- *pauciseta* (Villen.) Finland. *ibid.*:393.
- *strigifrons* (Zett.) Finland. *ibid.*:393.
- *stulta* (Zett.) Finland. *ibid.*:393.
- *vicina* Wainwr. Finland. *ibid.*:393.
- *villica* (Zett.) Finland. *ibid.*:393.
Nilea rufoscutellaris (Zett.) Finland. *ibid.*:393.
Phryxe magnicornis (Zett.) Finland. *ibid.*:393.
Drino bohemia Mesn. Finland. *ibid.*:393.
- *galii* (Brau. et Bengenst.) Finland. *ibid.*:393.
- *gilva* (Hart.) Finland. *ibid.*:393.
Carcelia atricosta Hert. Finland. *ibid.*:394.
- *tibialis* (Rob.-Desv.) Finland. *ibid.*:394.
- *puberula* (Mesn.) *N*: Espoo. Pohjoismäki *et al.* 2015 *Tachinid Times* 28:14.
Senometopia intermedia (Hert.) Finland. Pohjoismäki & Kahanpää in *KS14*:394.
Erycia furibunda (Zett.) Finland. *ibid.*:394.
Myxexoristops abietis Hert. Finland. *ibid.*:394.
- *arctica* (Zett.) Finland. *ibid.*:394.
Bothria frontosa (Meig.) Finland. *ibid.*:395.
Ceromasia rubrifrons (Macq.) *Kb*: Lieksa. *ibid.*:395.
Kahanpää *et al.* 2015 *Tachinid Times* 28:15.
Ocytata pallipes (Fall.) Finland. *ibid.*:395.
Gonia divisa Meig. Finland. *ibid.*:396.
Onychogonia cervini (Big.) Finland. *ibid.*:396.
Linnaemya olsuffjevi Zim. Finland. *ibid.*:397.
- *rossica* Zim. Finland. *ibid.*:397.
* - *bergstroemi* Pohj. et Haarto *Li*: Inari & Utsjoki. Pohjoismäki & Haarto 2015 *Zootaxa* 4059:584.
Panzeria puparum (F.) Finland. Pohjoismäki & Kahanpää in *KS14*:397.
- *vagans* (Meig.) Finland. *ibid.*:397.
Gymnocheta magna (Fall.) Finland. *ibid.*:397.
Cleonice keteli Ziegl. Finland. *ibid.*:397.
Macquartia viridana Rob.-Desv. Finland. *ibid.*:398.
Phytomyptera minutissima (Zett.) Finland. *ibid.*:398.
- *riedeli* (Villen.) Finland. *ibid.*:398.
Graphogaster nigrescens Hert. *Ab*: Ruissalo. Winqvist 2011:6.
- *brunnescens* Villen. Finland. Pohjoismäki & Kahanpää in *KS14*:398.
Ceromya dorsigera Hert. Finland. *ibid.*:399.
Actia infantula (Zett.) Finland. *ibid.*:399.
Peribaea longirostris Anders. Finland. *ibid.*:399.
Ceranthia tristella Hert. Finland. *ibid.*:399.
Aphantorhaphopsis siphonoides (Strobl) Finland. *ibid.*:399.
Siphona cristata (F.) Finland. *ibid.*:399.
- *grandistyla* Pand. Finland. *ibid.*:399.
Minthodes picta (Zett.) Finland. *ibid.*:400.
Billaea kolomyetzi Mesn. Finland. *ibid.*:400.
Eriothrix argyreata (Meig.) Finland. *ibid.*:401.
Trafoia monticola Brau. et Bergenst. Finland. *ibid.*:401.
Campylocheta fuscinerwis (Stein) Finland. *ibid.*:401.
Blepharomyia angustifrons Hert. Finland. *ibid.*:401.
Athrycia impressa (v.d.Wulp) Finland. *ibid.*:402.
Cyrtophleba vernalis (Kram.) Finland. *ibid.*:402.
Halidaya aurea Egg. *N*: Helsinki, *Kb*: Joensuu. *ibid.*:402. Pohjoismäki *et al.* 2015:15.
Rondania dispar (Duf.) Finland. Pohjoismäki & Kahanpää in *KS14*:402.
Clytiomya continua (Panz.) Finland. *ibid.*:402.
Gymnosoma clavatum (Rohd.) Finland. *ibid.*:403.
- *dolycoridis* Dup. Finland. *ibid.*:403.
- *nudifrons* Hert. Finland. *ibid.*:403.
Brullaea ocypteroidea Rob.-Desv. Finland. *ibid.*:403.
Cinochira atra Zett. Finland. *ibid.*:403.
Hemyda obscuripennis (Meig.) *N*: Espoo. *ibid.*:404.
Pohjoismäki *et al.* 2015:15.
- *vittata* (Meig.) *Ab*: Pohja. Pohjoismäki & Kahanpää in *KS14*:404. Pohjoismäki *et al.* 2015:15.
Phania funesta Meig. Finland. Pohjoismäki & Kahanpää in *KS14*:404.

Present number: 6,212 – 177 + 915 = 6,950 spp.

Hymenoptera

- Jussila, R. 2013. Suomelle uusia sekä maastamme huonosti tunnettuja ahmaspistiäislajeja (Hymenoptera, Ichneumonidae) III. — w-album 14: 3–12.
Jussila, R. 2015. Suomelle uusia sekä maastamme huonosti tunnettuja ahmaspistiäislajeja (Hymenoptera, Ichneumonidae) IV. — w-album 19: 3–10.
Koponen, M. & Vikberg, V. 2014. Suomen Dacusini-laji-

- en luettelo (Hymenoptera, Braconidae, Alysiinae). — *Sahlbergia* 20(1): 2–27.
- Koponen, M. & Vikberg, V. 2015. Suomen hyppykiilupistiäiset (Hymenoptera, Chalcidoidea, Encyrtidae). — *Sahlbergia* 21: 12–43.
- Paukkunen, J., Rosa, P., Soon, V., Johansson, N. & Ødegaard, F. 2014. Faunistic review of the cuckoo wasps of Fennoscandia, Denmark and the Baltic countries (Hymenoptera: Chrysididae). — *Zootaxa* 3864: 1–67.
- Paukkunen, J., Berg, A., Soon, V., Ødegaard, F. & Rosa, P. 2015. An illustrated key to the cuckoo wasps (Hymenoptera, Chrysididae) of the Nordic and Baltic countries, with a description of a new species. — *Zookeys* 548:1–116.
- Peris Felipo, F.J. 2013. *Aspilota*-group in natural parks of Valencia and European *Dimetrota* revision. — Diss., Univ. Valencia, 517 pp.
- Deletions**
- Athalia cordatooides* Priesn. (= *A. circularis* (Klug). Taeger, Blank & Liston 2010 *Zootaxa* 2580:261.
- Tenthredopsis arrogans* (Kon.) (= *T. friesei* (Kon.)). *ibid.*:654:654.
- Empria gussakovskii* Dovn.-Z. (*minuta* Lindqv.) (= *E. tridens* (Kon.)). Prous, Heidemaa & Soon 2011 *Zootaxa* 2756:26.
- Pristiphora denudata* Kon. (= *P. pallidiventris* (Fall.)). Taeger *et al.* 2010:447.
- Pachynematus sulcatus* Bens. (= *P. fallax* (Serv.)). *ibid.*:436.
- Pontania lapponicola* Kop. (= *P. dolichura* (Thoms.)). Vikberg & Malinen 2012 *Sahlbergia* 18:27.
- Phyllocolpa coriacea* (Bens.) (= *P. leucaspis* (Tischb.)). Kopelke 2007 *Senckenb. biol.* 87:153.
- Mesoleptus scrutator* (Halid.) (= *M. incessor* (Halid.)). Jussila *et al.* 2011 *Ann. Soc. Entomol. France* (N.s.) 46:507.
- *marginatus* (Thoms.) (= *M. incessor* (Halid.)). *ibid.*:508.
- Syspasis eburnifrons* (Wesm.) (f. d., actually *S. puerulus* (Kriechb.)). Riedel 2014 *Mitt Münch. Entomol. Ges.* 104:106.
- Coelichneumon castaneiventris* (Grav.) (= *C. haemorrhoidalis* (Grav.)). Riedel 2012 *Linz. Biol. Beitr.* 44:1527.
- *percussor* (Tischb.) (= *C. nigerrimus* (Steph.)). *ibid.*:1541.
- Homotropus crassicus* (Thoms.) (= *H. dimidiatus* (Schränk)). Klopffstein 2014 *Zootaxa* 3801:64.
- Astiphromma mandibulare* (Thoms.) (= *A. striatum* (Brischke)). Riedel 2015 *Spixiana* 38:125.
- Mesochorus suecicus* DT (= *M. fulgurans* Curt.). Jussila 2011 *Sahlbergia* 17:53.
- Chelonus luteipes* Thoms. (= *C. submuticus* Wesm.). Tobias 2011 *Entomol. Obozr.* 90:434.
- Microchelonus rimulosus* (Thoms.) (= *M. sulcatus* (Jur.)). Tobias 2010 *Tr. Russk. Entomol. Obšč.* 81(1):30.
- Meteorus pallidus* (Nees) (= *Zelex chlorophthalmus* (Spin.)). Stigenberg & Ronqvist 2011 *Zootaxa* 3082:42.
- Calosota septentrionalis* Heqv. (= *C. aestivalis* Curt.). Gibson 2010 *Zookeys* 55:16.
- Dibrachys cavus* (Walk.) (= *D. microgastris* (Bouché)). Peters & Baur 2011 *Zootaxa* 2937:13.
- *vesparum* Ratz. (= *D. microgastris* (Bouché)). *ibid.*:13.
- Microterys subcupratus* (Dalm.) (f. d., = *M. sylvius* (Dalm.)). Koponen & Vikberg 2015:36.
- *tessellatus* (Dalm.) (f. d., = *M. interpunctus* (Dalm.)). *ibid.*:36.
- Metaphycus picearum* (Erdös) (= *M. unicolor* Hoff.). *ibid.*:36.
- Blastothrix trjapitzini* Sugonj. (= *B. truncatipennis* (Ferr.)). *ibid.*:29.
- Caraphractus flavicollis* Hell. (= *C. cinctus* Walk.). Trjapitsyn 2012 *Sahlbergia* 17(2):24.
- 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.* 43:1685.
- Spinolia unicolor* (Dahlb.) (f. d.) Paukkunen *et al.* 2014:26.
- Chrysis vanlithi* Linsenm. (*rutiliventris* auct.) (f. d.). *ibid.*:37.
- *scintillans* Valk. (= *C. solida* Haupt). *ibid.*:41.
- *mediadentata* Linsenm. (f. d., = *C. borealis* Paukk. *et al.*). Paukkunen *et al.* 2015:91.
- Chrysura radians* (Harr.) (*pustulosa* (Ab.)) (f. d.). *ibid.*:49.
- Cleptes semiauratus* (L.) (f. d., = *C. pallipes* Lep.). *ibid.*:50.
- Additions**
- Aprosthemina bifidum* (Klug) (sp. dist.). Taeger, Blank & Liston 2010 *Zootaxa* 2580:161.
- Macrophya erythrocnema* Costa *Sa*: Joutseno (I. Teräs). Teräs & Viitasaari 2014 *Sahlbergia* 20:49.
- **Rhogogaster magniserrula* Viitas. *N, Ob, Le.* Taeger & Viitasaari 2015 *Zootaxa* 4013:376.
- *polaris* Lindq. Finland. *ibid.*:377.
- Empria alpina* Bens. (sp. dist.) Finland. Prous, Heidemaa & Soon 2011 *Zootaxa* 2756:22.
- *camtschatica* Forsius Finland. Prous *et al.* 2014 *Entomol. Tidskr.* 135:137.
- Claremontia puncticeps* (Kon.) (sp. dist.). Taeger *et al.* 2010:318.
- Eutomostethus nigrans* (Konow) *Ab*: Pojo (R. Frey). Vikberg, Vårdal & Lønnve 2011 *Sahlbergia* 17:62.

- Pontania femoralis* (Cam.) Finland. Vikberg & Malinen 2012 Sahlbergia 18:36.
- * - *bigallae* Vikb. et Zin. *Ok*: Hyrynsalmi, *Li*: Inari & Utsjoki. Vikberg & Zinovjev 2014 w-album 18:4.
- Phyllocolpa ischnocera* (Thoms.) *Le*: Kilpisjärvi. Kopelke 2007 Senckenb. biol. 87:87.
- * - *plicaglauca* Kop. *Le*: Kilpisjärvi. *ibid.*:100.
- Ctenochira validicornis* (Brischke) *Ka*: Kotka (L. Luukkonen). Jussila 2015 w-album 19:6.
- Eridolius alacer* (Grav.) *Ka*: Kotka (L. Luukkonen). *ibid.*:6.
- *gibbulus* (Holmgr.) *Ab*: Turku, *Kb*: Liperi. *ibid.*:6.
- Idiogramma euryops* Först. (sp. dist.) *Al, Ab, N, Sb*. *ibid.*:5.
- Isadelphus longisetosus* (Schmied.) *Ab, N, Ka, Ta, Sa, Kb*. Jussila 2013 w-album 14:5.
- *rubripes* (Thoms.) *Ab, Ta, Oa, Le, Li*. *ibid.*:5.
- *tuberculatus* Horstm. *Ab*: Turku, Nousiainen, Sauvo, Lohja. *ibid.*:6.
- Sulcarius fulviscapus* Townes *Ab, Ta, Oa, Kb, Ks*. *ibid.*:9.
- *strictus* Townes *Li*: Utsjoki Kevo. *ibid.*:9.
- *suecicus* Horstm. *Ab, N, Ka*. *ibid.*:9.
- Orthizema flavicorne* (Schmied.) *Ab*: Turku Paattinen. *ibid.*:6.
- *nigriventre* Horstm. *Ab*: Nousiainen, *Le*: Enontekiö. *ibid.*:6.
- *macrocerum* (Hellén) *Ab*: Masku (A. Haarto). *ibid.*:7.
- Gnotus czekelii* (Kiss) *Ta, Ok, Ks*. *ibid.*:4.
- *plectisciformis* (Schmied.) *Ab, Ka, Oa*. *ibid.*:4.
- Stibeutes brevicornis* (Lange) *Ab, St, Ta, Sa, Kb*. *ibid.*:7.
- *buccatus* Horstm. *Ab, Oa*. *ibid.*:8.
- *coriaceus* Horstm. *Ab*: Nousiainen. *ibid.*:8.
- *heterogaster* (Thoms.) *Ab, Ka, Sa*. *ibid.*:8.
- *pilosus* Horstm. *Ab*: Turku Paattinen. *ibid.*:8.
- Uchidella brevicauda* Horstm. *Ab*: Korppoo, Turku. *ibid.*:11.
- *longicaudata* Horstm. *Ka*: Virolahti. *ibid.*:11.
- Theroscopus horsfieldi* Schw. et Sh. *Ab, N, Ob*. *ibid.*:10.
- *mariae* Schw. et Sh. *St*: Luvia, *Lk*: Pelkosenniemi. *ibid.*:10.
- *ochrogaster* (Thoms.) *Al, Ab, N, Ka, St, Ta, Sa, Ob, Li*. *ibid.*:10
- Phygadeuon clypearis* Strobl *Ab, N, Ka*. *ibid.*:7.
- *ovaliformis* Dalla T. *Ab, Ta*. *ibid.*:7.
- Ceratophygadeuon anurus* (Thoms.) *Ks*: Salla Naruska (M. Koponen). *ibid.*:4.
- Mesoleptus congener* (Först.) Finland. Jussila *et al.* 2011 Ann. Soc. Entomol. France (N.s.) 46:503.
- *devotus* (Först.) Finland. *ibid.*:505.
- *distinctus* (Först.) Finland. *ibid.*:506.
- *incessor* (Halid.) (*scrutator* (Halid.), *marginatus* (Thoms.)). *ibid.*:507.
- *pronus* (Först.) Finland. *ibid.*:514.
- *solitarius* (Först.) Finland. *ibid.*:515.
- *tobiasi* Jonait. *Al, Ab, N*. *ibid.*:515.
- * *Trachyarus borealis* Zwakh. *Tb*: Jyväskylä (J. A. Elzinga). Zwakhals & Elzinga 2009 Mitt. Münch. Entomol. Ges. 99:129.
- *solyanikovi* Gokhm. *Tb*: Jyväskylä. *ibid.*:192.
- Neotypus coreensis* Uchida *Kl*: Parikkala (I. Teräs). Jussila 2015:9.
- Clypeodromus thyridialis* Ter. *Ab*: Turku, Pomponrahka (N. Fritzen). Fritzen & Broad 2014 w-album 17:4.
- Syspasis puerulus* (Kriechb.) (*eburnifrons* auct. nec Wesm.). Riedel 2014 Mitt. Münch. Entomol. Ges. 104:106.
- Coelichneumon biguttulatus* (Kriechb.) "Finland". Riedel 2012 Linz. Biol. Beitr. 44:1505.
- *orbitor* (Thunb.) "Finland". *ibid.*:1554.
- *torsor* (Thunb.) "Finland". *ibid.*:1574.
- Homotropus melanogaster* (Holmgr.) *Ta, Sb, Ob, Ks, Le*. Jussila 2015:8.
- Tymmophorus suspiciosus* (Brischke) (sp. dist.) *Ob*: Muhos. Klopstein *et al.* 2011 Zool. Scripta 40:397.
- Diplazon scutatorius* Teun. *N*: Sibbo. *ibid.*:394.
- Sussaba hinzi* Dill. *St*: Oripää, *Sa*: Savonlinna, *Le*: Enontekiö. Jussila 2015:9.
- Scambus calobatus* (Grav.) *N*: Hanko & Inkoo. *ibid.*:4.
- Dolichomitrus atratus* (Rudow) *Ta*: Pirkkala & Urjala, *Sa*: Taipalsaari. *ibid.*:3.
- *diversicostae* (Perkins) *Ab*: Pyhäranta, *Ta*: Sahalahti. *ibid.*:4.
- *ptelas* (Say) *Ab, Ka, St, Ta, Sa*. *ibid.*:4.
- Clistopyga sauberi* Brauns *Ab*: Korppoo, Sauvo & Mietoinen. *ibid.*:5.
- Apechtis capulifera* Kriechb. *Ab, N*. *ibid.*:5.
- * *Flacopimpla barathrica* Fritzen *Oa, Tb, Sb, Ks*. Fritzen 2014 Zootaxa 3894:119.
- Lissonota inareolata* Pfeff. *Ab*: Utö. Haarto & Jussila 2013 w-album 13:11.
- *gracilipes* Thoms. *Tb*: Kannonkoski. Jussila 2015:6.
- Cryptopimpla arvicola* (Grav.) *Ab*: Nousiainen. *ibid.*:7.
- Lethades erichsonii* Hinz *Ab*: Sauvo. *ibid.*:7.
- *poloniae* Hinz *Sa*: Mikkeli (M. Koponen). *ibid.*:7.
- Phaestus nigriventris* Roman *Ka*: Kotka (V.-M. Mussalo). *ibid.*:7.
- * *Rhorus jussilai* Kasp. *N*: Sibbo (N. Laurén), *Le*: Enontekiö (T. Clayhills & R. Jussila). Kasparyan 2014 Entomol. Rev. 94:729.
- * - *jaroslavlensis* Kasp. *Oa*: Mustasaari (J. Perkiömäki) Kasparyan 2015 Entomol. Rev. 95:1271.
- * - *petropolitanus* Kasp. *Li*: Utsjoki, Kevo (K. Ruohomäki). *ibid.*:1274.

- * - *suomi* Kasp. *Ta*: Valkeakoski (G.Várkonyi). *ibid.*:1281.
- **Lathrolestes laevipleuris* Reshch. *Al*. Reshchikov 2013 *Zootaxa* 3681:59.
- *moravicus* (Heberm.) Finland. Reshchikov 2015 *Zootaxa* 4033:28.
- Campodorus ornatus* (Haberm.) *Ab*: Kisko. Jussila 2015:8.
- *mediosanguineus* (Heinr.) *Ka*: Anjalankoski, *Oa*: Koivulahti. *ibid.*:8.
- Mesoleptidea sylvatica* (Woldst.) *Ab*: Houtskär, *Sa*: Valkeala. *ibid.*:8.
- Hadrodactylus genalis* Thoms. *Al, N, Sa*. *ibid.*:7.
- Syndipnus saotis* Kaspar. *Li*: Utsjoki, Kevo. *ibid.*:8.
- Dusona alpigena* Hinz “Süd-Finnland”. Horstmann 2011 *Linzer Biol. Beitr.* 43:1298.
- *montana* (Rom.) “Süd-Finnland”. *ibid.*:1313.
- *opaca* (Thoms.) Finland. *ibid.*:1315.
- Mesochorus bipartitus* Schw. *Ab-Li*. Jussila 2011 *Sahlbergia* 17:33.
- *flexus* Schw. *Ab-Ok*. *ibid.*:35.
- *sedis* Schw. *Ab, N, Ta*. *ibid.*:36.
- *tipularius* Grav. *Al-Sa*. *ibid.*:36.
- *frigidus* Schw. *Le*: Enontekiö (A. Haarto). *ibid.*:37.
- *albionis* Schw. *Ab*: Houtskär (H. Bruun), *Ta*: Lempäälä (O. Sotavalta). *ibid.*:38.
- *bulgaricus* Schw. *Ab, Ta*. *ibid.*:38.
- *discitergus* (Say) *Al-Kb*. *ibid.*:38.
- *lanceolatus* Schw. *Ks*: Kuusamo (J. Viramo). *ibid.*:39.
- *maximus* Schw. *Ab, N, Ta*. *ibid.*:39.
- *pungens* Schw. *N*: Nurmijärvi (M. Koponen), *Sa*: Mikkeli (M. Koponen). *ibid.*:39.
- *anthracinus* Kriechb. *Sa*: Juva (A. Aalto). *ibid.*:40.
- *salicis* Thoms. *Ab-Kb*. *ibid.*:40.
- *fulgurator* Horstm. *Al-Kb*. *ibid.*:41.
- *laricis* Hart. *Al-Li*. *ibid.*:41.
- *opacus* Schw. *Al, Ab, N, Ob*. *ibid.*:42.
- *rubeculus* Hart. *Al-Ks*. *ibid.*:43.
- *declinans* Haberm. *Ab-Lk*. *ibid.*:43.
- *mellis* Schw. *Ab-Li*. *ibid.*:44.
- *skaneus* Schw. *Li*: Utsjoki (S. Koponen & E. Linnaluoto). *ibid.*:46.
- *tenthredinidis* Schw. *Al, Ab, Ta*. *ibid.*:47.
- *triangulus* Schw. *Al-Kb*. *ibid.*:47.
- *aculeus* Schw. *Ab-Kb*. *ibid.*:48.
- *aranealis* Schw. *Al, Ab, Ok*. *ibid.*:48.
- *boreus* Schw. *Ab-Ob*. *ibid.*:48.
- *carinatus* Schw. *Ab-Ks*. *ibid.*:49.
- *dilobatus* Schw. *N*: Pyhtää (L. Luukkonen). *ibid.*:49.
- *diluvius* Schw. *Ab-Ob*. *ibid.*:50.
- *luridipes* Schw. *Ab*: Houtskär (H. Bruun). *ibid.*:50.
- *solus* Schw. *Al-Ob*. *ibid.*:50.
- *sternalis* Schw. *Ab-Kb*. *ibid.*:51.
- *tenuiscapus* Thoms. *Al-Lk*. *ibid.*:51.
- *orbis* Schw. Finland. *ibid.*:57.
- Chorinaeus australis* Thoms. *N, Sa*. Jussila 2015:9.
- Dinotrema aureliae* (Fisch.) *N*: Kyrklslätt (M. Koponen). *Peris Felipo* 2013:269.
- * - *brevis* v. Achterb. et Vikb. *Ta*: Janakkala, *Sa*: Mikkeli. van Achterberg & Vikberg 2014 *Zool. Med. Leiden* 88:4.
- *caudatum* (Thoms.) *N*: Tammisaari (M. Koponen), Helsinki (M. Koponen), *Ta*: Lammi (M. Koponen). *Peris Felipo* 2013: 292.
- *cruciforme* (Fisch.) *Oa*: Ylihärmä (M. Koponen). *ibid.*:309.
- *erythropum* (Först.) *Sa*: Valkeala (M. Koponen). *ibid.*: 323.
- *kempei* (Hedqv.) *N*: Espoo (M. Koponen), *Ob*: Pudasjärvi (M. Koponen). *ibid.*: 350.
- * - *lobatum* Munk et Peris F. *N*: Helsinki (M. Koponen). Munk & Peris-Felipo 2013 *Ann. Zool. Warsz.* 63:134; *Peris Felipo* 2013:365.
- * - *paramicum* Munk et Peris-F. *N*: Nurmijärvi (M. Koponen), *Sa*: Ristiina (M. Koponen). Munk, *Peris-Felipo* & Jiménez-Peydró 2013 *ZooKeys* 260:66; *Peris Felipo* 2013:397.
- *puliciforme* (Fisch.) *Lk*: Kittilä Pallastunturi (Mihályi). *Peris Felipo* 2013:416.
- *semicompressum* (Steff. et Grah.) *N*: Helsinki (M. Koponen). *ibid.*:424.
- * - *setaceum* Munk et Peris-F. *N*: Helsinki (M. Koponen). Munk & Peris-Felipo 2013:138; *Peris Felipo* 2013:427.
- *significarium* (Fisch.) *Ka*: Virolahti (G. Várkonyi). *Peris Felipo* 2013:429.
- *tauricum* (Telenga) *N*: Nurmijärvi (M. Koponen). *ibid.*:445.
- *tergitale* (Fisch.) *Ab*: Vihti (M. Koponen). *ibid.*:448.
- *tuberculatum* Acht. *N*: Askola (Heiramo). *ibid.*:458.
- *varipes* (Tob.) *Ks*: Kuusamo Oulanka (Vásárherlyi) *ibid.*:463.
- **Synaldis agaricae* Munk et Peris-F. *Sa*: Mikkeli mlk. (M. Koponen). Munk & Peris-Felipo 2014 *Ann. Zool. (Warszawa)* 64:687.
- Lodbrokia mariae* Stezh. *Ta*: Janakkala, *Sa*: Mikkeli. Koponen & Vikberg 2014 *Sahlbergia* 20(1):2.
- Coelinidea elegans* (Curt.) Finland. *ibid.*:22.
- *gracilis* (Curt.) *Al, Ab, Ka, St, Ta, Sa & Ok*. *ibid.*:3.
- *ruficollis* (Herr.-Sch.) *Ab-Li*. *ibid.*:3.
- *trjapitzini* Tob. *Sa*: Joutseno (W. Hellén). *ibid.*:3.
- Sarops popovi* Tob. Finland. *ibid.*:22.
- *rea* (Nixon) Finland. *ibid.*:22.
- Aristelix phaenicura* (Halid.) Finland. *ibid.*:22.
- Laotris striatula* (Halid.) *Ab*: Pojo (M. Meinander), *Sa*: Imatra (Lindberg). *ibid.*:3.
- Synelix semirugosa* (Halid.) *Al-Li*. *ibid.*:3.
- Victorovita caudata* (Szépl.) *Om*: Pietarsaari (M. Koponen). *ibid.*:3.

- Chaenusa conjungens* (Nees) *Ab, N, St, Ta, Sa, Kb.* ibid.:21.
- *elongata* Stelf. *Ta:* Lammi (M. Koponen). ibid.:4.
- *neredum* (Halid.) *Sa:* Mikkeli (M. Koponen). ibid.:4.
- *orghidani* Burgh. *Al, Ab, N.* ibid.:4.
- Chorebus albipes* (Halid.) *Ab-Lk.* ibid.:4.
- *alecto* (Morl.) *N:* Helsinki (M. Koponen), *Sa:* Mikkeli (M. Koponen). ibid.:4.
- *ampliator* (Nees) *Ab, N, Ta, Kl.* ibid.:4.
- *anasella* (Stelf.) *Sa:* Mikkeli, *Ks:* Kuusamo, *Li:* Utsjoki. ibid.:4.
- *ares* (Nixon) *Sa:* Mikkeli (M. Koponen). ibid.:4.
- *armida* (Nixon) Finland. ibid.:23.
- *artemisiellus* Griff. *Ab-Lk.* ibid.:4.
- *asperrimus* Griff. *N, St, Ta, Sa, Lk.* ibid.:4.
- *asramenes* (Nixon) *Al:* Sund (G. Söderman). ibid.:4.
- *bensoi* (Nixon) *N:* Inkoo (P. Ahlroth & G. Söderman), *Ta:* Tampere (M. Koponen). ibid.:5.
- *caelebs* (Nixon) *Ka:* Miehiikkälä (M. Koponen), *Sa:* Mikkeli (M. Koponen). ibid.:5.
- *calthae* Griff. *Ab, N, Sa, Ok.* ibid.:5.
- *cinctus* (Halid.) *N, Ta, Sa, Tb.* ibid.:5.
- *compressiventris* (Tel.) *Ab:* Karkkila (V. Vikberg). ibid.:5.
- *coxator* (Thoms.) *Ab:* Karjalohja (G. Söderman). ibid.:5.
- *crassipes* (Stelf.) *Ta:* Lammi (M. Koponen), *Li:* Inari (E. & L. Laasonen). ibid.:5.
- *credne* (Nixon) *N:* Helsinki, *Ta:* Hattula, *Kb:* Joensuu. ibid.:5.
- *crenulatus* (Thoms.) *Al, Ab, N, Ka, St, Ta, Sa, Om, Ok, Le.* ibid.:5.
- *cupocephalus* (Tel.) *Al, Ab, N, Ta, Sa.* ibid.:6.
- *cultratus* (Tob.) *Al, Ab, N, Ta, Sa, Kb, Ks.* ibid.:6.
- *cytherea* (Nixon) *N, Ta, Sa, Kl, Lk, Le.* ibid.:6.
- *daimenes* (Nixon) *N:* Vantaa (M. Koponen). ibid.:6.
- *densepunctatus* Burgh. *Al, Ab, St, Sa, Kl, Ob.* ibid.:6.
- *diremtus* (Nees) *Al, N, Ka, St, Ta, Sa, Sb, Ok, Ks.* ibid.:6.
- *enephes* (Nixon) *Al, N, Ta, Sa, Kl, Tb, Kb, Ok.* ibid.:6.
- *ergias* (Nixon) *Ab:* Karjalohja (G. Söderman). ibid.:6.
- *esbelta* (Nixon) *Ab:* Karjalohja (G. Söderman), *N:* Helsinki (G. Söderman). ibid.:6.
- *fallaciosae* Griff. *Ab, N, Kl, Oa, Sb, Ok, Ob, Li.* ibid.:6.
- *femoratus* (Tob.) *N, Ka, Sa, Kl, Oa, Kb, Om.* ibid.:6.
- *fordi* (Nixon) *Al, Ab, N, Sa, Kl, Ok.* ibid.:6.
- *foveolus* (Halid.) *Ab, Sa, Tb, Sb.* ibid.:7.
- *freya* (Nixon) *Al-Li.* ibid.:7.
- *fuscipennis* (Nixon) *N, St, Ta, Sa, Oa, Tb, Sb.* ibid.:7.
- *geminus* (Tob.) *Ab, N, Ta, Sa, Kb, Ok.* ibid.:7.
- *glaber* (Nixon) *N, St, Ta, Sa, Kl, Om, Ok.* ibid.:7.
- *glabriculus* (Thoms.) *N, St, Ta, Sa, Kl, Kb, Ob.* ibid.:7.
- *heringianus* Griff. *Ta:* Janakkala, *Ks:* Kuusamo, *Lk:* Kolari. ibid.:7.
- *interstitialis* (Thoms.) *Ab, N, Ta, Sa, Kb.* ibid.:8.
- *iridis* Griff. *N, Kl, Ks.* ibid.:8.
- *lar* (Morl.) *Al-Lk.* ibid.:8.
- *larides* (Nixon) *Ta:* Heinola, *Ks:* Kuusamo, *Lk:* Pelkosenniemi. ibid.:8.
- *lateralis* (Halid.) *Ta, Ks, Lk.* ibid.:8.
- *longicornis* (Nees) *Al, Ab, N, St, Ob.* ibid.:8.
- *lugubris* (Nixon) *N, Ta, Sa, Oa, Tb, Lk, Li.* ibid.:9.
- *miodes* (Nixon) *N:* Tvärminne (Håkan Lindberg). ibid.:9.
- *misellus* (Marsh.) *Al-Lk.* ibid.:9.
- *nanus* (Nixon) *N:* Helsinki & Nurmijärvi, *Ks:* Kuusamo. ibid.:9.
- *nerissa* (Nixon) *Ab, N, Ta, Sa, Oa, Sb.* ibid.:9.
- *nomia* (Nixon) *Sa:* Savonlinna (M. Koponen). ibid.:9.
- *ophthalmicus* (Tob.) *Ta:* Lammi (M. Koponen). ibid.:9.
- *orbiculatae* Griff. *Al:* Jomala, *Ta:* Janakkala, *Kl:* Parikkala. ibid.:9.
- *phaedra* (Nixon) *Al, Ab, N, St, Ta, Kb.* ibid.:9.
- *poemyzae* Griff. *Ab:* Pertteli (V. Vikberg), *Sa:* Mäntyharju (G. Söderman). ibid.:10.
- *polygoni* Griff. *N:* Nurmijärvi (M. Koponen). ibid.:10.
- *pratensis* (Tob.) *Ab:* Halikko, *N:* Helsinki, *Om:* Oulainen. ibid.:10.
- *pseudomisellus* Griff. *Ab, N, St, Ta, Sa, Kl, Om, Ks, Le.* ibid.:10.
- *pulverosus* (Halid.) *N:* Nurmijärvi (M. Koponen). ibid.:10.
- *rhanis* (Nixon) *St:* Vammala (M. Koponen), *Sa:* Mikkeli (M. Koponen). ibid.:10.
- *rondanii* (Giard) *N, St, Ta, Sa, Kl, Sb, Kb.* ibid.:10.
- *ruficollis* (Stelf.) *Al:* Hammarland (M. Koponen), *Ab:* Dragsfjärd (W. Hellén), *Sa:* Mikkeli (M. Koponen). ibid.:10.
- *rufimarginatus* (Stelf.) *Sa:* Mikkeli (M. Koponen), *Ok:* Kajaani (R. Leinonen & G. Söderman). ibid.:10.
- *scabrifossa* Stelf. *Al:* Eckerö (W. Hellén), *N:* Borgå (H. Ahlqvist), *St:* Karkku (W. Hellén). ibid.:10.
- *schlicki* Griff. *Ab, N, Ka, Ta, Sa, Kl, Ks, Li.* ibid.:10.
- *separatus* (Tel.) *Al, Ab, N, St, Ta, Sa, Tb, Sb, Om, Le.* ibid.:11.
- *sera* (Nixon) *Ab, N, Ta, Sa, Ok, Ks.* ibid.:11.
- *singularis* (Tob.) *Ab:* Karjalohja (G. Söderman). ibid.:11.
- *siniffa* (Nixon) *Al-Ob.* ibid.:11.
- *spenceri* Griff. *Ab, N, Sa, Kb.* ibid.:11.
- *stenocera* (Thoms.) *Ta:* Lammi (M. Koponen), *Sa:* Mäntyharju (G. Söderman). ibid.:12.

- *subasper* Griff. *Al, Ab, N, Ka, Ta, Sa, Oa, Sb, Kb, Ok, Lk.* *ibid.*:12.
- *talaris* (Halid.) *Al, N, Ta, Sa, Tb, Kb, Li.* *ibid.*:12.
- *tamiris* (Nixon) *Ab, N, Ta, Sa, Kb.* *ibid.*:12.
- *tamsi* (Nixon) *N, St, Ta, Sa, Ks, Lk.* *ibid.*:12.
- *thusa* (Nixon) *Al, N, Sa, Ok.* *ibid.*:12.
- *xanthospidae* Griff. *Sa: Mäntyharju (G. Söderman).* *ibid.*:12.
- *xylostellus* Griff. *Ab, N, Ka, Ta, Sa, Om, Ob.* *ibid.*:12.
- Exotela aconiti* Griff. *N, St, Sa.* *ibid.*:12.
- *cyclogaster* Först. *Al-Le.* *ibid.*:12.
- *dives* (Nixon) *Al, Ab, N, St, Ta, Sa, Kb, Ok, Ob, Lk.* *ibid.*:13.
- *facialis* (Thoms.) *Ab, N, Ta.* *ibid.*:13.
- *flavicoxa* (Thoms.) *Al-Ks.* *ibid.*:13.
- *hera* (Nixon) *Al-Ok.* *ibid.*:13.
- *loniceræ* Griff. *Al, Ab, N, St, Ta, Sa, Kb.* *ibid.*:13.
- *melanocera* (Thoms.) *Al, Ab, N, St, Ta, Sa, Kl, Tb, Kb.* *ibid.*:13.
- *nowakowskii* Griff. *N, St, Ta, Sa, Tb, Om, Le.* *ibid.*:14.
- *obscura* Griff. *Ab, N, Ta, Sa, Oa, Kb, Ks.* *ibid.*:14.
- *phryne* (Nixon) *Al, Ab, N, St, Ta, Sa, Kl.* *ibid.*:14.
- *sonchina* Griff. *Ab, N, St, Ta, Sa, Kb, Om, Ok, Le, Li.* *ibid.*:14.
- *sulcata* (Tob.) *N: Kirkkonummi (M. Koponen), Ks: Salla (M. Koponen).* *ibid.*:14.
- *umbellina* (Nixon) *Al-Li.* *ibid.*:14.
- *vaenia* (Nixon) *Ab, N, Ta, Sa.* *ibid.*:14.
- Protodacnusa ruthei* Griff. *Ta: Hämeenlinna, Sa: Mikkeli, Ok: Kajaani.* *ibid.*:14.
- *tristis* (Nees) *Al, N, Ta, Sa.* *ibid.*:15
- Amyras clandestina* (Halid.) *N, St, Sa.* *ibid.*:15.
- Tates heterocera* (Thoms.) *Al, Ab, N, St, Ta, Sa, Kl, Oa, Tb, Ok.* *ibid.*:15.
- Coloneura ate* (Nixon) *N, Ta, Tb, Sb, Om, Ok, Ob, Li.* *ibid.*:15.
- *siciliensis* Griff. *Li: Inari (M. Koponen)* *ibid.*:15.
- Coloneurella lomnickii* (Niezab.) *N: Sipoo, Ta: Lammi, Sa: Mikkeli.* *ibid.*:15
- Dacnusa abdita* Halid. *St: Yläne (M. Koponen).* *ibid.*:15.
- *adducta* (Halid.) *Finland.* *ibid.*:25.
- *alpestris* Griff. *Ab: Vihti (V. J. Karvonen), N: Tuusula (M. Koponen).* *ibid.*:15.
- *alticeps* Nixon *Li: Utsjoki (W. Hellén).* *ibid.*:16.
- *angelicina* Griff. *N: Nurmijärvi (M. Koponen), Ta: Hämeenlinna (M. Koponen)* *ibid.*:16.
- *aquilegiae* Marsh. *N: Helsinki & Vantaa, Tb: Konnevesi.* *ibid.*:16.
- *areolaris* (Nees) *Ab, N, St, Ta, Sa, Oa, Kb, Om, Ks, Li.* *ibid.*:16.
- *astarte* (Nixon) *N: Nurmijärvi (M. Koponen), Sa: Mikkeli (M. Koponen).* *ibid.*:16.
- *aterrima* Thoms. *N: Nurmijärvi (M. Koponen).* *ibid.*:16.
- *brevistigma* (Tob.) *Ta: Hattula, Sa: Pertunmaa, Kb: Tohmajärvi.* *ibid.*:16.
- *centaureae* Griff. *Li: Inari (M. Koponen).* *ibid.*:17.
- *cerperes* (Nixon) *Ab, N, Ka, St, Sa, Kb, Om, Lk.* *ibid.*:17.
- *clematidis* Griff. *N: Helsinki (M. Koponen).* *ibid.*:17.
- *confinis* Ruthe *N, St, Ta, Sa, Kb.* *ibid.*:17.
- *discolor* (Först.) *N: Nurmijärvi, Sa: Mikkeli, Lk: Kittilä.* *ibid.*:17.
- *evadne* Nixon *Ab, N, Sb, Le.* *ibid.*:17.
- *faeroeensis* (Roman) *Al-Lk.* *ibid.*:17.
- *heringi* Griff. *Ab, N, Sa, Ks, Lk.* *ibid.*:18.
- *hospita* (Först.) *Ab: Paimio (M. Koponen), N: Ekenäs (W. Hellén), Ta: Hämeenlinna (V. Vikberg).* *ibid.*:18.
- *laevipectus* Thoms. *Al-Li.* *ibid.*:18.
- *liopleuris* Thoms. *N, Ka, Sa, Ok.* *ibid.*:18.
- *lissos* (Nixon) *N: Nurmijärvi, Ta: Hattula & Hämeenlinna.* *ibid.*:18.
- *longiradialis* Nixon *Al, Ab, N, Ta, Sa, Kl, Kb, Om.* *ibid.*:19.
- *longithorax* (Tob.) *N, Ta, Sa, Kl.* *ibid.*:19.
- *lugens* (Halid.) *Ok, Ks, Lk, Li.* *ibid.*:19.
- *macrospila* (Halid.) *N: Helsingfors (W. Hellén), Lk: Muonio (M. Koponen).* *ibid.*:19.
- *maculipes* Thoms. *Ab, N, St, Ta, Sa, Ok, Lk.* *ibid.*:19.
- *maxima* (Fisch.) *N, Ta, Sa, Ok.* *ibid.*:20.
- *melicerta* (Nixon) *Ab, N, Sa, Lk, Le.* *ibid.*:20.
- *merope* (Nixon) *Al, N, St.* *ibid.*:20.
- *metula* (Nixon) *Sa: Mäntyharju (G. Söderman).* *ibid.*:20.
- *monticola* (Först.) *Ta, Oa, Kb, Ok.* *ibid.*:20.
- *obesa* Stelf. *Sa: Kangasniemi, Lk: Kolari & Sodankylä.* *ibid.*:20.
- *ocyroe* Nixon *St: Vammala (M. Koponen), Ob: Simo (M. Koponen).* *ibid.*:21.
- *plantaginis* Griff. *Al: Lemland (M. Nieminen).* *ibid.*:21.
- *pubescens* (Curt.) *Ab, N, St, Ta, Sa, Lk, Li.* *ibid.*:21.
- *sibirica* Tel. *Le: Enontekiö.* *ibid.*:21.
- *soma* (Nixon) *Ab, N, St, Ta, Kl, Ks.* *ibid.*:21.
- *stramineipes* Halid. *N, Ta, Sa, Kl.* *ibid.*:21.
- *temula* (Halid.) *N, Ta, Sa, Kl.* *ibid.*:21.
- Microchelonus labipalpis* Tob. *Finland. Tobias 2010 Tr. Russk. Entomol. Obsč. 81(1):52.*
- *fischeri* Tob. *Finland.* *ibid.*:109.
- *laplandicus* Tob. *Finland.* *ibid.*:186.
- *parverticalis* Tob. *Lk: Pelkosenniemi. Papp 2014 Acta Zool. Acad. Sci. Hungar. 60:333.*
- * *Cotesia autumnatae* Shaw *Ab: Vahto, Nousiainen & Naantali. Ruohomäki et al. 2013 EF 24:71.*
- * *Meteorus acerbiavorus* Belokob. *et al. Le: Enontekiö (H. Lonka). Stigenberg, Vikberg & Belokobylskij 2011 Journ. Nat. Hist. 45:1278. Stigenberg & Shaw 2013 Entomol. Gaz. 64:255.*

- *corax* Marsh. *Sb*: Kangaslampi (N. Laurenne). Stigenberg & Shaw 2013 Entomol. Gaz. 64:258.
- *heliophilus* Fisch. Finland. Stigenberg & Ronquist 2011 Zootaxa 3084:55.
- * - *subtilisulcus* Stigenb. *Ab*: Dragsfjärd (M. Söderlund). *ibid.*:71.
- *tenellus* Marsh. (sp. dist.) Finland. *ibid.*:73.
- Pygostolus otiorhynchi* Boud. *Al*: Lemland Nätö. Österblad 2012 Memoranda Soc. Fauna Flora Fenn. 88:100.
- Macrocentrus bicolor* Curt. *Al, Ab, N, Ka*. Vikberg 2012 Sahlbergia 18(2):25.
- *townesi* Acht. et Haes. *Al, N, Ka, Ob*. *ibid.*:27
- Neuroterus 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.
- Alloxysta halterata* (Thoms.) (sp. dist.). Finland. Ferrer-Suay *et al.* 2013 Entomol. Tidskr. 134:91.
- Diglyphosema conjungens* Kieff. *Ta*: Janakkala. Vikberg & Malinen 2012 Sahlbergia 18(2):20.
- * *Stenomalina rufigaster* Vikb. *Ta*: Janakkala. Vikberg 2014 Ent. Fenn. 25:181.
- Mesopolobus incultus* (Walk.) *Al, Ta, Sa*. Vikberg & Nieminen 2012 Sahlbergia 18:10, 13.
- *morys* (Walk.) *Ab, Ta*. *ibid.*:11.
- Dibrachys microgastri* (Bouché) (*cavus* (Walk.), *vesparum* (Ratz.)). Peters & Baur 2011 Zootaxa 2937:13.
- Eusandalum elongatum* (Ruschka) *Kb*: Kontiolahiti (M. Lax). Koponen & Vikberg 2014a Sahlbergia 20(2):17.
- Calosota obscura* Ruschka *N, Ta, Sa, Sb*. *ibid.*:17.
- Eupelmus annulatus* Nees *Sa*: Mikkeli, *Ob*: Simo. *ibid.*:17.
- Ericydnus pilosulus* Grah. *Al, N, Ka, Ta, Sa, Kl, Kb, Ok*. Koponen & Vikberg 2015:17.
- *strigosus* Nees *Al-Le*. *ibid.*:18.
- Anagyrus bohemani* (Westw.) *Ab*: Kustavi (M. Koponen), *Ta*: Janakkala (V. Vikberg). *ibid.*:13.
- *bouceki* Hoff. *Al, N, Ta, Sa, Ok*. *ibid.*:14.
- *coccurae* Sugonj. *Ta*: Janakkala (V. Vikberg). *ibid.*:14.
- *longiventris* (Erdös) *Sa*: Mikkeli (M. Koponen). *ibid.*:14.
- *matritensis* (Mercet) *Ob*: Siikajoki (V. Vikberg). *ibid.*:14.
- *novickyi* Hoff. Finland. *ibid.*:26.
- *szodensis* Erdös *Ta*: Janakkala (V. Vikberg), *Ok*: Vaala (M. Koponen). *ibid.*:14.
- *zygia* (Trjap.) *Ta, Om, Lk, Li*. *ibid.*:14.
- Rhopus budensis* Erdös *N, Sa, Sb*. *ibid.*:23.
- Anusia nasicornis* Först. *Ab, N, Ka, Ta, Sa, Sb, Ok*. *ibid.*:14.
- Aquaencyrtus bohemicus* Hoff. *Ta, Sa, Kl*. *ibid.*:15.
- Ixodiphagus hookeri* (How.) *Ab*: Lohja (W. Hellén). *ibid.*:20.
- Aphycoides niger* (Hoff.) *Li*: Utsjoki (V. Vikberg). *ibid.*:15.
- Microterys bellae* Trjap. *Ab*: Lohja (W. Hellén), *N*: Nurmijärvi (M. Koponen). *ibid.*:20.
- *cneus* Trjap. et Sugonj. *N, Ta, Kl, Tb, Sb, Kb, Ob, Ks, Lk, Le, Li*. *ibid.*:20
- *herbaceus* Sugonj. *N, Sb, Le, Li*. *ibid.*:20.
- Trichomasthus bavarici* Hoff. *N*: Nurmijärvi (I. Rutanen). *ibid.*:24.
- *dignus* Khlop. *Sa*: Rautjärvi (M. Koponen). *ibid.*:25.
- *frontalis* Alam Finland. *ibid.*:40.
- Brachyencyrtus araneoides* (Hoff.) *Ab, N, Ta, Sa, Ok*. *ibid.*:17.
- Subprionomitus festucae* (Mayr) *Al, Ab, N, St, Ta, Sa, Kl*. *ibid.*:23.
- Syrphophagus aeruginosus* (Dalm.) Finland. *ibid.*:39.
- *annulipes* (Thoms.) *Al, Ab, N, Ka, St, Ta, Sa, Lk*. *ibid.*:23.
- *arundinicola* Hoff. *Ab, Sa, Kl*. *ibid.*:23.
- *fabulosus* (Hoff.) *Al, Sa, Kl*. *ibid.*:24.
- *mamitus* (Walk.) *N, Ta, Ok*. *ibid.*:24.
- *pertiades* (Walk.) *Al-Ob*. *ibid.*:24.
- *quercicola* (Hoff.) *Ab*: Lohja (W. Hellén) & Vihti (W. Hellén). *ibid.*:24.
- *taeniatus* (Först.) *Ab, N, Kl, Ob, Lk*. *ibid.*:24.
- *vicinus* (Trjap.) *Sa*: Ristiina (M. Koponen). *ibid.*:24.
- Ooencyrtus obscurus* (Merc.) *Al*: Hammarland (M. Koponen), *Ta*: Janakkala (V. Vikberg). *ibid.*:22.
- *telenomicida* (Vassil.) *Al, Ab, N, Ka, St, Ta, Sa, Kl, Om, Ok*. *ibid.*:22.
- *vinulae* (Masi) *Ta*: Janakkala (V. Vikberg). *ibid.*:22.
- Cerchysius gigas* Erdös Finland. *ibid.*:30.
- Negeniaspidius nobilis* (Nees) *Al*: Hammarland (M. Koponen), *Om*: Vimpeli (M. Koponen). *ibid.*:22.
- Protyndarichoides aligarhensis* (Fatma et Shafee) *Ab, N, Ta, Sa, Tb, Kb*. *ibid.*:23.
- Parablatticida citri* (Mercet) *N, Ta, Kb*. *ibid.*:22
- Ginsiana obscura* Erdös et Nov. *N, Ob*. *ibid.*:18.
- Helegonatopus formosus* (Merc.) *Sa*: Taipalsaari (W. Hellén). *ibid.*:18.
- *rasnitzyni* (Trajap.) *Ka, Ta, Sa*. *ibid.*:18.
- Pseudococcobius obenbergeri* (Nov.) *Ta, Kb, Om*. *ibid.*:23.
- Mayridia hyalipennis* Trjap. *Al, N, Ta, Sa, Ok*. *ibid.*:20.
- *myrlea* (Walk.) *Al, Ab, N, Ka, St, Ta, Sa, Kl, Ob, Ks, Lk, Le, Li*. *ibid.*:20.
- *pulchra* Merc. *N*: Nurmijärvi (M. Koponen). *ibid.*:20.
- Bothriothorax aralius* (Walk.) *Ab, N, St, Ta, Sa, Tb*. *ibid.*:15.
- *ghesquieri* Ferr. *Ab, Ta, Sa*. *ibid.*:15.

- *trichops* Thoms. *Al*: Lemland (M. Koponen), *N*: Kauniainen (W. Hellén) & Hyvinkää (M. Koponen). *ibid.*:15.
- *wichmani* Ferr. *Ab, Ta, Sa, Om, Ok, Ob*. *ibid.*:15.
- Heterococcidoxenus schlechtendali* (Mayr) *N*: Helsinki (M. Ropo). *ibid.*:18.
- Copidosoma aithyia* (Walk.) *Al, N, Sa*. *ibid.*:17.
- *ancharus* (Walk.) *Ab, Sa, Om*. *ibid.*:17.
- *boreale* Hoff. *Sa*: Mikkeli (M. Koponen). *ibid.*:17.
- *cuproviridis* Spring. et Noy. *Ab, N, Ka, Ta, Sa*. *ibid.*:17.
- *subalbicorne* (Hoff.) *N*: Nurmijärvi & Sipoo (M. Koponen), *Ta*: Janakkala (V. Vikberg). *ibid.*:17.
- Ageniaspis longicornis* Trjap. *Ab*: Uusikaupunki (W. Hellén), *Oa*: Ilmajoki (M. Koponen). *ibid.*:13.
- Parablastothrix montana* Erdös *Ab, N, Ta, Sa*. *ibid.*:22.
- Homalotyloidea erginus* (Walk.) *Sa*: Taipalsaari (W. Hellén). *ibid.*:18.
- Isodromus flaviscutum* Hoff. et Trjap. *Ta*: Janakkala (V. Vikberg). *ibid.*:18.
- Arrhenophagus chionaspidis* Auriv. *N*: Hyvinkää & Nurmijärvi (M. Koponen), *Ta*: Janakkala (V. Vikberg). *ibid.*:15.
- Aphelinus annulipes* (Walk.) *Al, N, Ta, Sa, Tb, Kb & Ob*. Koponen & Vikberg 2014b *Sahlbergia* 20(2):23.
- *argiope* (Walk.) *Ta*: Janakkala. *ibid.*:24.
- *bicolor* Janosh *Al*: Hammarland. *ibid.*:24.
- *tetrataenion* (Erd. et Nov.) *Al, Ab, N, Ta, Sa, Kl, Oa, Tb, Sb, Kb, Om, Ob, Ks, Lk & Le*. *ibid.*:24.
- *varipes* (Först.) *Al, Ab, N, Ka, St, Ta, Sa, Kl, Oa, Tb, Sb, Kb, Ok, Ks, Lk & Le*. *ibid.*:24.
- Aphytis proclia* (Walk.) *Ab, N, Tb, Kb & Om*. *ibid.*:24.
- Marietta picta* (André) *N, Ta & Om*. *ibid.*:24.
- Coccophagus obscurus* (Westw.) *N*: Hyvinkää & Nurmijärvi. *ibid.*:23.
- *semicircularis* (Först.) *Ta*: Janakkala. *ibid.*:23.
- Encarsia lutea* (Masi) *Ta*: Janakkala. *ibid.*:23.
- Ablerus atomon* (Walk.) *N*: Espoo, *Ta*: Janakkala. *ibid.*:24.
- Euryischia inopinata* Masi *Kb*: Lipperi. Vikberg 2012 *Sahlbergia* 18(2):34.
- Baryscapus endemus* (Walk.) *Al* (m. l.) Nieminen & Vikberg 2015 *EF* 26:47.
- Telenomus chloropus* (Thoms.) *Al*: Hammarland & Sund. Nieminen & Vikberg 2015 *EF* 26:46.
- Trissolcus grandis* (Thoms.) *Al*: Hammarland & Jomala. *ibid.*:46.
- * *Platygaster pubicornis* Buhl *Sa*: Savitaipale, Taipalsaari, Luumäki & Mikkeli (M. Koponen). Buhl 2012 *Entomofauna* 33:339.
- * - *laevifoveolata* Buhl *Oa*: Jurva (M. Koponen). Buhl 2015 *Entomofauna* 36:253.
- * *Synopeas blechingium* Buhl. *N*: Mäntsälä (M. Koponen). Buhl 2015 *Entomol. Monthly Mag.* 151:183.
- * *Amblyaspis populi* Buhl *Sb*: [Kuopio] Sorsasalo (P. Martikainen). Buhl 2012 *Entomofauna* 33:335.
- Laelius fumimarginalis* Vikb. Finland (I. Kakko). Albrecht *et al.* 2011 *Memoranda Soc. Fauna Flora Fenn.* 87:103.
- Pseudomalus triangulifer* (Ab.) (sp. dist.) Finland. Paukkunen *et al.* 2014:12. Paukkunen *et al.* 2015:22.
- Elampus foveatus* Mocs. *Ab, N, Ta, Sa*. Paukkunen *et al.* 2014:14. Paukkunen *et al.* 2015:29.
- Hedychrum niemelai* Linsenm. (sp. dist.) Finland. Paukkunen *et al.* 2014:20. Paukkunen *et al.* 2015:38.
- Hedychridium caputaurum* Trautm. et Trautm. (sp. dist.) Finland. Paukkunen *et al.* 2014:24. Paukkunen *et al.* 2015:44.
- Chrysis impressa* Schenck (sp. dist.) Finland. Paukkunen *et al.* 2014:27. Paukkunen *et al.* 2015:60.
- *westerlundi* Lindenm. (sp. dist.) Finland. Paukkunen *et al.* 2014:27. Paukkunen *et al.* 2015:66.
- * - *borealis* Paukkunen, Ødegaard et Soon. *Lk, Le, Li*. Paukkunen *et al.* 2015:84.
- Cleptes pallipes* (LeP.) Finland. Paukkunen *et al.* 2014:9.
- Hoplitis leucomelana* (Kby.) *Sa*: Joutseno (M. Raekunnas). Albrecht *et al.* 2012 *Memoranda Soc. Fauna Flora Fenn.* 88:81. Raekunnas 2014 *Sahlbergia* 20:46.
- Andrena bicolor* F. *Al*: (m. l.). Raekunnas 2013 *Memoranda Soc. Fauna Flora Fenn.* 89:204.

Present number: 6,304–34 + 407 = 6,677 spp.