Checklist of the ‘lower Brachycera’ of Finland: Tabanomorpha, Asilomorpha and associated families (Diptera)

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Abstract
A checklist of the ‘lower Brachycera’ of Finland is presented. This part of the complete checklist of Finnish Diptera covers the families Acroceridae, Asilidae, Athericidae, Bombyliidae, Mythicomyiidae, Rhagionidae, Scenopinidae, Stratiomyidae, Tabanidae, Therevidae, Xylomyidae and Xylophagidae.

Keywords
Species list, Finland, Diptera, biodiversity, faunistics

Introduction
This part of the checklist of the Diptera of Finland covers non-eremoneuran true flies (Diptera: Brachycera). The brachyceran flies excluded from the clade Eremoneura are often called the ‘lower Brachycera’ due to their basal position in the true fly tree of life. It remains unclear whether this assemblage of families is a monophyletic clade. There are also several models for the relative relationships of the various superfamilies and families. A simple classification scheme following Marshall (2012) is adopted for this
checklist. Only two infraorders, Tabanomorpha and Asilomorpha, are recognized. The presentation order of families follows Woodley et al. (2009).

World catalogues have recently been published for Stratiomyidae (Woodley 2001, 2011b), Xylomyidae (Woodley 2011a), Xylophagidae (Woodley 2011c), Bombyliidae (Evenhuis and Greathead 1999, 2003) and Mythicomyiidae (Evenhuis 2001). The Finnish species were last listed by Kahanpää and Winqvist (2005). Five species have been added since the last checklist: *Haematopota italicita* Meigen, 1804, *Lasiopogon septentrionalis* Lehr, 1984, *Nemotelus infortunatus* Kahanpää, 2010, *Xylophagus inermis* Krivosheina & Krivosheina, 2000 and *Zabrachia tenella* (Jaennicke, 1866) (see Kahanpää 2013, Cannings and Kahanpää 2013, Kahanpää 2010, this paper, and Krivosheina and Rozkošný 1990 respectively). Table 1 summarizes the current family species counts for the world, Europe (based on Fauna Europaea), and Finland.

Tabanomorpha

The stratiomyoid and xylophagoid lineages are often treated as infraorders (Woodley et al. 2009).

The soldierflies (Stratiomyidae) are very diverse in the tropics but the species diversity decreases sharply towards the higher latitudes. The wood soldier flies (xylomyids) is a small fly family associated with dead wood. The Fauna Entomologica Scandinavica series has a volume on stratiomyoid flies (Rozkošný 1973). A new *Nemotelus* species was recently described from Finland (Kahanpää 2010a).

The Finnish rhagionids are relatively well known but a few additional species could occur in the country. *Ptiolina* is a problematic genus and the number of recognized species in Northern Europe has varied from two to seven during the last century. Athericidae was traditionally placed as a subfamily of Rhagionidae, but it seems more closely associated with Tabanidae (Marshall 2012). Itämies et al. (1990, 1993) have studied the distribution of *Atherix ibis* in Finland.

The Finnish xylophagid fauna is relatively well sampled. Adults of the North European species can be identified using Nartshuk (1988) or Kahanpää (2009). The larvae can also be identified at least at the last larval stage (Stubbs and Drake 2001, Krivosheina and Krivosheina 1966).

The tabanid nomenclature (especially *Hybomitra*) is quite convoluted and records in older publications must be taken with a grain of salt. Karvonen (1969) summarized the distribution of tabanids in Finland, but this work is now partially obsolete due to the difficulties in identifying *Hybomitra* and *Haematopota* before Chvála et al. (1972) was published. For identification of North European tabanids Chvála et al. (1972) complemented with pictures in Zeegers and van Haaren (2000) or Krčmar et al. (2011) is recommended. An illustrated guide to the Finnish species is in preparation (A. Haarto, unpublished).
Asilomorpha

The asilids and bombyliids of Finland are rather well known from a faunistic point of view but little is known about their ecology. Most of the North European species are easy to identify but problems with *Villa* resulted in a cascade of name changes in the late 20th century. Falck (2009) and Blöchlinger (2008) are good starting points for identifying *Villa* adults. François (1969) has male genitalia figures for some of the more difficult *Villa* species. The Mythicomyiidae or micro bee flies were long seen as a subfamily of Bombyliidae. Identifying *Thereva* species was also fraught with difficulties in the past but by the end of the 20th century the North European fauna was pretty well understood. A review of the Finnish therevid fauna with keys has recently been published (Haarto and Winqvist 2006). The window flies, Scenopinidae, is a smallish asiloid lineage associated with the therevids. It has even been proposed they are a specialized subgroup of the Therevidae (Woodley 2009).

Acroceridae

The small-headed flies (Acroceridae) are a fly family of obscure origin. Affinities with Nemestrinidae, Tabanoidea, Stratiomyoidea, Bombyliidae and Asilomorpha have been proposed (see Marshall 2012 for further discussion). Finnish acrocerid records are mostly of single adults caught by sweep-netting, although Storå (1956) found groups of 20–40 *Acrocera orbiculus* swarming on a coastal meadow. The acrocerid species seem to have declined in abundance during the 20th century. Four of our five Finnish species are now on the national red list (Kahanpää 2010b).
Checklist part 1: Tabanomorpha (sensu lato)

suborder Brachycera Macquart, 1834
clade Orthorrhapha Brauer, 1863

superfamily Stratiomyoidea Latreille, 1802

**STRATIOMYIDAE** Latreille, 1802
BERIDINAE Westwood, 1838

**BERIS** Latreille, 1802
*Beris chalybata* (Forster, 1771)
*Beris clavipes* (Linnaeus, 1767)
*Beris fuscipes* Meigen, 1820
*Beris hauseri* Stuke, 2004
  = strobiauct. nec. Dušek & Rozkošný, 1968
*Beris morrisii* Dale, 1841
NEMOTELINAE Kertész, 1912

**NEMOTELUS** Geoffroy, 1762

sg. **Camptopelta** Williston, 1917
*Nemotelus nigrinus* Fallén, 1817

sg. **Nemotelus** Geoffroy, 1762
*Nemotelus infortunatus* Kahanpää, 2010
*Nemotelus notatus* Zetterstedt, 1842
*Nemotelus uliginosus* (Linnaeus, 1767)

**PACHYGASTRINAE** Loew, 1856

**BERKSHIRIA** Johnson, 1914
  = **Pseudowallacea** Kertész, 1921
*Berkshiria hungarica* (Kertesz, 1921)
  = albistylum misid.
  = barovskii misid.

**NEOPACHYGASTER** Austen, 1901
*Neopachygaster meromelas* (Dufour, 1841)
  = **orbitalis** (Wahlberg, 1854)

**ZABRACHIA** Coquillett, 1901
*Zabrachia minutissima* (Zetterstedt, 1838)
*Zabrachia tenella* (Jaennicke, 1866) see Notes

**SARGINAE** Walker, 1834

**CHLOROMYIA** Duncan, 1837
*Chloromyia formosa* (Scopoli, 1763)

**MICROCHRYSA** Loew, 1855
*Microchrysa cyaneiventris* (Zetterstedt, 1842)
*Microchrysa flavicornis* (Meigen, 1822)
*Microchrysa polita* (Linnaeus, 1758)
**SARGUS** Fabricius, 1798
* Sargus cuprarius* (Linnaeus, 1758)
* Sargus flavipes* Meigen, 1822
  = nigripes Zetterstedt, 1842
  = *splendens* auct. nec. Meigen, 1804
* Sargus iridatus* (Scopoli, 1763)
* Sargus rufipes* Wahlberg, 1854

**STRATIOMYINAE** Latreille, 1802
tribe Oxycerini Enderlein, 1914

**OXYCERA** Meigen, 1803
* Oxycera centralis* Loew, 1863
  = *centralis* Frey, 1911 preocc.
  = *freyi* Lindner, 1938
* Oxycera dives* Loew, 1845
* Oxycera trilineata* (Linnaeus, 1767)
tribe Stratiomyini Latreille, 1802

**ODONTOMYIA** Meigen, 1803
* Odontomyia angulata* (Panzer, 1798)
* Odontomyia argentata* (Fabricius, 1794)
* Odontomyia microleon* (Linnaeus, 1758)

**OPLODONTHA** Rondani, 1863
* Oplodontha viridula* (Fabricius, 1775)

**STRATIOMYS** Geoffroy, 1762
* Stratiomys singularior* (Harris, 1776)
  = *furcata* Fabricius, 1794

**XYLOMYIDAE** Verrall, 1901

**XYLOMYA** Rondani, 1861
* Xylomya czekanovskii* Pleske, 1925
  = *interrupta* auct. nec. (Pleske, 1926)
  = *maculata* auct. nec. (Meigen, 1804)

superfamily Xylophagoidea Fallén, 1810

**XYLOPHAGIDAE** Fallén, 1810

**XYLOPHAGUS** Meigen, 1803
  = *Erinna* Meigen, 1800 suppr.
* Xylophagus ater* Meigen, 1804 see Notes
  = *compeditus* Wiedemann, 1820
* Xylophagus cinctus* (De Geer, 1776)
* Xylophagus inermis* Krivosheina & Krivosheina, 2000 see Notes
  = *matsumurae* misid.
* Xylophagus junki* (Szilády, 1932)
Xylophagus kowarzi (Pleske, 1925) see Notes
   = ater auct. nec. Meigen, 1804

superfamily Rhagionoidea Latreille, 1802

**RHAGIONIDAE** Latreille, 1802
**RHAGIONINAE** Latreille, 1802

**RHAGIO** Fabricius, 1775
Rhagio annulatus (De Geer, 1776)
Rhagio lineola Fabricius, 1794
Rhagio maculatus (De Geer, 1776)
Rhagio notatus (Meigen, 1820)
Rhagio scolopaceus (Linnaeus, 1758)
Rhagio tringarius (Linnaeus, 1758)

**CHRYSOPILINAE** Bezzi, 1903
**CHRYSOPILUS** Macquart, 1826
Chrysopilus auratus (Fabricius, 1805)
   = cristatus (Fabricius, 1775) nom. dubium
Chrysopilus luteolus (Fallén, 1814)
Chrysopilus nubecula (Fallén, 1814)
? Chrysopilus suomianus (Szilády, 1934) see Notes

**SPANIINAE** Rondani, 1856
**OMPHALOPHORA** Becker, 1900
Omphalophora oculata Becker, 1900
   = lapponica Frey, 1911

**PTIOLINA** Zetterstedt, 1842
Ptiolina nigra Zetterstedt, 1842
Ptiolina nigrina Wahlgren, 1854 see Notes
Ptiolina nitida Wahlgren, 1854
Ptiolina obscura (Fallén, 1814)

**SPANIA** Meigen, 1830
Spania nigra Meigen, 1830
**SYMPHOROMYIA** Frauenfeld, 1867
sg. Paraphoromyia Becker, 1921
Symphoromyia crassicornis (Panzer, 1806)

**ATHERICIDAE** Nowicki, 1873
**ATHERIX** Meigen, 1803
Atherix ibis (Fabricius, 1798)

superfamily Tabanoidea Latreille, 1802

**TABANIDAE** Latreille, 1802
CHRYSOPSINAE Lutz, 1905
tribe Chrysopsini Lutz, 1905
**CHRYSOPS** Meigen, 1803
*sg. Chrysops* Meigen, 1803
*Chrysops caecutiens* (Linnaeus, 1758)
*Chrysops divaricatus* Loew, 1858
*Chrysops nigripes* Zetterstedt, 1838
  = *lapponicus* Loew, 1858
*Chrysops relictus* Meigen, 1820
  = *melanopleurus* Wahlberg, 1848
*Chrysops rufipes* Meigen, 1820
*Chrysops sepulcralis* (Fabricius, 1794)
*Chrysops viduatus* (Fabricius, 1794)
  = *pictus* Meigen, 1820
TABANINAE Latreille, 1802
tribe Haematopotini Enderlein, 1922
**HAEMATOPOTA** Meigen, 1803
*Haematopota crassicornis* Wahlberg, 1848
*Haematopota italic* Meigen, 1804
*Haematopota pluvialis* (Linnaeus, 1758)
  = *italic* misid.
? *Haematopota subcylindrica* Pandellé, 1883 see Notes
**HEPTATOMA** Meigen, 1803
*Heptatoma pellucens* (Fabricius, 1776)
tribe Tabanini Latreille, 1802
**ATYLOTUS** Osten Sacken, 1876
*Atylotus fulvus* (Meigen, 1820)
*Atylotus plebeius* (Fallén, 1817)
*Atylotus rusticus* (Linnaeus, 1767)
*Atylotus sublunaticornis* (Zetterstedt, 1842)
**HYBOMITRA** Enderlein, 1922
*Hybomitra arpa* (Szilády, 1923)
*Hybomitra astuta* (Osten Sacken, 1876) see Notes
  = *polaris* (Frey, 1915)
*Hybomitra auripila* (Meigen, 1820) see Notes
  = *aterrima* (Meigen, 1820)
*Hybomitra bimaculata* (Macquart, 1826)
  = *tropica* misid.
  ? = *solstitialis* (Meigen, 1820) see Notes
*Hybomitra borealis* (Fabricius, 1781)
  = *lapponicus* (Wahlberg, 1848)
*Hybomitra ciureai* (Séguy, 1937)
  = *schineri* Lyneborg, 1959
Hybomitra distinguenda (Verrall, 1909)
Hybomitra kaurii Chvála & Lyneborg, 1970
  = borealis misid.
Hybomitra lundbecki Lyneborg, 1959
  = fulvicornis misid.
Hybomitra lurida (Fallén, 1817)
Hybomitra montana (Meigen, 1820)
Hybomitra muehlfeldii (Brauer, 1880)
  = flaviceps (Zetterstedt, 1842)
Hybomitra nigricornis (Zetterstedt, 1842)
Hybomitra nitidifrons (Szilády, 1914)
  = confinis misid.
Hybomitra sexfasciata (Hine, 1923)
  = borealis anderi Kauri, 1951
Hybomitra tarandina (Linnaeus, 1758)
Hybomitra tropica (Linnaeus, 1758)

TABANUS Linnaeus, 1758
Tabanus autumnalis Linnaeus, 1761
Tabanus bovinus Linnaeus, 1758
Tabanus bromius Linnaeus, 1758
Tabanus cordiger Meigen, 1820
Tabanus maculicornis Zetterstedt, 1842
Tabanus sudeticus Zeller, 1842

Checklist part 2: Asilomorpha

suborder Brachycera Macquart, 1834
clade Orthorrapha Brauer, 1863

superfamily Asiloidea Latreille, 1802

ASILIDAE Latreille, 1802
ASILINAE Latreille, 1802
ASILUS Linnaeus, 1758
Asilus crabroniformis Linnaeus, 1758
DIDYSMACHUS Lehr, 1996
Didysmachus picipes (Meigen, 1820)
DYSMACHUS Loew, 1860
Dysmachus trigonus (Meigen, 1804)
MACHIMUS Loew, 1849
Machimus setibarbis Loew, 1849
NEOITAMUS Osten Sacken, 1878
Neoitamus cothurnatus (Meigen, 1820)
Neoitamus cyanurus (Loew, 1849)
Neoitamus socius (Loew, 1871)
**NEOMOCHTHERUS** Osten Sacken, 1878
Neomochtherus pallipes (Meigen, 1820)
**PAMPONERUS** Loew, 1849
Pamponerus germanicus (Linnaeus, 1758)
**PHILONICUS** Loew, 1849
Philonicus albiceps (Meigen, 1820)
**RHADIURGUS** Loew, 1849
Rhadiurgus variabilis (Zetterstedt, 1838)
**TOLMERUS** Loew, 1849
Tolmerus atricapillus (Fallén, 1814)
Tolmerus pyragra (Zeller, 1840)
**LAPHRINAE** Macquart, 1838
tribe Andrenosomatini Hull, 1962
**ANDRENOSOMA** Rondani, 1856
Andrenosoma albibarbe (Meigen, 1820)
tribe Laphrini Macquart, 1838
**CHOERADES** Walker, 1851
Choerades fuliginosus (Panzer, 1798)
Choerades gilvus (Linnaeus, 1758)
Choerades igneus (Meigen, 1820)
Choerades lapponicus (Zetterstedt, 1842)
Choerades marginatus (Linnaeus, 1758)
**LAPHRIA** Meigen, 1803
Laphria flava (Linnaeus, 1761)
Laphria gibbosa (Linnaeus, 1758)
**LEPTOGASTER** Meigen, 1803
Leptogaster cylindrica (De Geer, 1776)
Leptogaster guttiventris Zetterstedt, 1842
**STENOPOGONINAE** Hull, 1962
tribe Dioctriini Hendel, 1936
**DIOCTRIA** Meigen, 1803
Dioctria atricapilla Meigen, 1804
Dioctria cothurnata Meigen, 1820
Dioctria hyalipennis (Fabricius, 1794)
Dioctria oelandica (Linnaeus, 1758)
Dioctria rufipes (De Geer, 1776)
tribe Stegopogoninini Hull, 1962
**CYRTOPOGON** Loew, 1847
Cyrtopogon flavimanus (Meigen, 1820)
Cyrtopogon lapponicus (Zetterstedt, 1838)
Cyrtopogon lateralis (Fallén, 1814)
Cyrtopogon luteicornis (Zetterstedt, 1842)  
  = luteicornis var. pollinosus Frey, 1911
Cyrtopogon pulchripes Loew, 1871
tribe Stichopogonini Hardy, 1930
LASIOPOGON Loew, 1847
Lasiopogon cinctus (Fabricius, 1781)
Lasiopogon septentrionalis Lehr, 1984

BOMBYLIIDAE Latreille, 1802
PHTHIRIINAE Becker, 1913
tribe Phthiriini Becker, 1913
PHTHIRIA Meigen, 1803
Phthiria pulicaria (Mikan, 1796)
BOMBYLIINAE Latreille, 1802
tribe Bombyliini Latreille, 1802
BOMBYLIUS Linnaeus, 1758
  sg. Bombylius Linnaeus, 1758
  Bombylius discolor Mikan, 1796
  Bombylius major Linnaeus, 1758
  Bombylius minor Linnaeus, 1758
    = allibarbis Zetterstedt, 1842
    = albibarbis emend.
SYSTOECHUS Loew, 1855
Systoechus ctenopterus (Mikan, 1796)
  = sulphureus (Mikan, 1796)
Systoechus gradatus (Wiedemann, 1820)
ANTHRACINAE Latreille, 1804
tribe Anthracini Latreille, 1804
ANTHRAX Scopoli, 1763
Anthrax anthrax (Schrank, 1781)
Anthrax trifasciatus Meigen, 1804
  = leucogaster Wiedemann, 1820
Anthrax varius Fabricius, 1794
tribe Exoprosopini Becker, 1913
EXOPROSOPA Macquart, 1840
Exoprosopa capucina (Fabricius, 1781)
MICOMITRA Bowden, 1964
Micomitra stupida (Rossi, 1790)
tribe Villini Hull, 1973
HEMIPENTHES Loew, 1869
Hemipenthes maura (Linnaeus, 1758)
Hemipenthes morio (Linnaeus, 1758)

**THYRIDANTHRAX** Osten Sacken, 1886
Thyridanthrax fenestratus (Fallén, 1814)

**VILLA** Lioy, 1864
Villa cingulata (Meigen, 1804)
? Villa halteralis (Kowarz, 1883) see Notes
Villa hottentotta (Linnaeus, 1758)
Villa modesta (Meigen, 1820)
Villa occulta (Wiedemann, 1820)

**MYTHICOMYIIDAE** Melander, 1902

**GLABELLULINAE** Cockerell, 1914

**GLABELLULA** Bezzi, 1902
Glabellula arctica (Zetterstedt, 1838)

**SCENOPINIDAE** Burmeister, 1835

**SCENOPINUS** Latreille, 1802
Scenopinus fenestralis (Linnaeus, 1758)
Scenopinus niger (De Geer, 1776)
Scenopinus sp. A see Notes

  = vitripennis misid.

**THEREVIDAE** Newman, 1834

**THEREVINAE** Newman, 1834

**ACROSATHE** Irwin & Lyneborg, 1981
Acrosathe annulata (Fabricius, 1805)

**DIALINEURA** Rondani, 1856
Dialineura anilis (Linnaeus, 1761)

**DICHOGLENA** Irwin & Lyneborg, 1981
Dichoglena nigripennis (Ruthe, 1831)

**PANDIVIRILLA** Irwin & Lyneborg, 1981
Pandivirilia eximia (Meigen, 1820)

**PSILOCEPHALA** Zetterstedt, 1838
Psilocephala imberbis (Fallén, 1814)

**SPIRIVERPA** Irwin & Lyneborg, 1981
Spiriverpa lunulata (Zetterstedt, 1838)

  = clausa (Frey, 1911)

**THEREVA** Latreille, 1796
Thereva cinifera Meigen, 1830

  = subfasciata Schummel, 1830
Thereva fuscinervis Zetterstedt, 1838
Thereva handlirschi Kröber, 1912

  = praestans Collin, 1948
Thereva inornata Verrall, 1909
Thereva lanata Zetterstedt, 1838
Thereva microcephala Loew, 1847
Thereva nobilitata (Fabricius, 1775)
Thereva plebeja (Linnaeus, 1758)
Thereva strigata (Fabricius, 1794)
Thereva unica (Harris, 1780)
  = bipunctata Meigen, 1820
Thereva valida Loew, 1847
  = circumscrip auct. nec. Loew, 1847

Checklist part 3: families of uncertain position (incertae sedis)

suborder Brachycera Macquart, 1834
clade Orthorrapha Brauer, 1863
? superfamily Nemestrinoidea Griffith & Pidgeon, 1832

ACROCERIDAE Leach, 1815
ACROCERA Meigen, 1803
  = Paracrocera Mik, 1886
sg. Acrocera Meigen, 1803
Acrocera orbiculus (Fabricius, 1787)
  = globulus (Panzer, 1804)
  = borealis Zetterstedt, 1838
OGCODES Latreille, 1796
sg. Ogcodes Latreille, 1796
Ocodes borealis Cole, 1919 see Notes
Ocodes gibbosus (Linnaeus, 1758)
Ocodes nigripes (Zetterstedt, 1838) see Notes
Ocodes pallipes Latreille in Olivier, 1812

Excluded species

Anastoechus nitidulus (Fabricius, 1794) labeling mistake
Biris geniculata Curtis, 1830 misidentified
Clirorisma ardea (Fabricius, 1794) not found within present borders
Clirorisma rustica (Panzer, 1804) not found within present borders
Choerades fimbriata (Meigen, 1820) mistake
Choerades ursulus (Loew, 1851) misidentified see Notes
Chrysopilus splendidus (Meigen, 1820) mistake
Cyrtopogon maculipennis (Macquart, 1834) labeling mistake
Epitriptus arthriticus (Zeller, 1840) mistake
Machimus gonatistes (Zeller, 1840) not found within present borders
Odontomyia hydroleon (Linnaeus, 1758) not found within present borders
Pandivirilia nigroanalis (Kröber, 1928) misidentified
Phthiria canescens Loew, 1846 not found within present borders
Tabanus miki Brauer, 1880 misidentified
Tolmerus cingulatus (Fabricius, 1781) mistake
Villa fasciata (Meigen, 1804) not found within present borders
  = circumdata (Meigen, 1820)
  = venusta (Meigen, 1820)
Villa longicornis Lyneborg, 1965 not found within present borders
Villa panisca (Rossi, 1790) not found within present borders
  = circumdata auct. nec. (Meigen, 1820)
Xylophagus matsumurae Miyatake, 1965 misidentified

Notes

Choerades ursulus (Loew, 1851) is a poorly known taxon. It was synonymized with
C. fuliginosus by Lehr (1991) but later considered valid by Bosák and Hradský
(2001). Kahanpää and Winqvist (2005) accepted it as a Finnish species but upon
re-examination we consider it most likely that the single Finnish specimen previ-
ously identified as C. ursulus is a dark male of C. fuliginosus.

Chrysopilus suomianus (Szilády, 1934). The type locality of this species is Enontekiö,
Finland (Szilády 1934). Unfortunately the type material seems lost and the name
is probably best treated as a nomen dubium. Based on Szilády’s original description
it may be a dark form of C. nubecula.

Hybomitra astuta (Osten Sacken, 1876). Kahanpää and Winqvist (2005) could not
locate any material in Finnish collections. Several new records of this species have
since been made and its presence in Finland is now confirmed.

Hybomitra auripila (Meigen, 1820). The synonymy of Hybomitra auripila (Meigen,
1820) with H. aterrima (Meigen, 1820) was established by Schacht (1994) and is
accepted here. Schiner (1862) already mentioned H. aterrima as synonym to H.
auripila. Since we consider him to be the first revisor, the name H. auripila is valid
under the current Code.

Hybomitra solstitialis (Meigen, 1820) has long been known to be a problematic tax-
on. It is separated from H. bimaculata (Macquart, 1826) based on color characters
alone. The examined Finnish material includes a range of intermediates between
typical H. bimaculata and H. solstitialis forms. It seems likely that the two names are
synonymous, but types should be consulted before synonymy is formally published.

Haematopota subcylindrica Pandellé, 1883. First recorded from Finland by Vuori-
mies (1984). Unfortunately the specimens listed in his paper could not be found
and their identification remains somewhat doubtful.
Ogcodes borealis Cole, 1919. A single Finnish specimen collected in the mid-19th century is the sole Palearctic record of this species. Originally identified and published by Hackman (1970), the record was later confirmed by Kahanpää and Winqvist (2005). O. borealis Cole sensu Schlinger (1960) may be a species complex.

Ogcodes nigripes (Zetterstedt, 1838) is probably a senior synonym of O. zonatus Erichson, 1840.

Ptiolina nigrina Wahlgren, 1854 may be a synonym of P. nigra Zetterstedt, 1842.

Scenopinus sp. A is an apparently undescribed species near S. fenestralis with black femora. It occurs widely in Finland in association with bird nests.

Villa halteralis (Kowarz, 1883). See Kahanpää and Winqvist (2005) for a discussion of the single supposed Finnish record of this species.

Xylophagus ater Meigen, 1804. This name has widely been used for two species. Old Finnish checklists (Frey et al. 1941, Hackman 1980) followed the model also used in the world checklist Woodley (2011c) and used this name for the species also known as Xylophagus kowarzi (Pleske, 1925). On the British Isles the name X. ater is used as a senior name for X. compeditus Wiedemann in Meigen, 1820. According to Alexander and Clements (1991) and Chandler (1998a, b) the British usage is correct and it is followed here. Thus, X. ater is the common species with females easily identified by the three stripes of dusting on the mesonotum.

Xylophagus inermis Krivosheina & Krivosheina, 2000 was described as a subspecies of X. matsumurae Miyatake, 1965 = maculatus Matsumura, 1916 (preoccupied by X. maculatus Meigen, 1804) (Krivosheina and Krivosheina 2000). It was raised to a full species status in the recent world catalogue (Woodley 2011c). All collected Finnish specimens formerly identified as X. matsumurae were examined and they belong to X. inermis.

Zabrachia tenella (Jaennicke, 1866). First recorded from Finland by Krivosheina and Rozkošný (1990). We have examined the Finnish Zabrachia material and confirmed the presence of both Z. tenella and Z. minutissima in the country.

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