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Psocid News

The Psocidologists' Newsletter

No. 15 (Feb. 28, 2013)



Winged female of *Embidopsocus* sp. (Akashi, Japan)

ADDITIONS AND CORRECTIONS (PART 12) TO LIENHARD & SMITHERS, 2002: "PSOCOPTERA (INSECTA) – WORLD CATALOGUE AND BIBLIOGRAPHY"

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1. Introduction

This is the 12th part of a series of "Additions and Corrections to the World Catalogue and Bibliography" (Lienhard & Smithers, 2002) published in "Psocid News". Parts 1-11 were published in Psocid News no. 4-14 (see below); a **Synthesis of Parts 1-10** is available online at the Geneva Museum's homepage: http://www.ville-ge.ch/mhng/psocoptera/divers/synthesis_add_1_10.pdf

Please send me regularly copies of your papers on Psocoptera, and please inform me about errors that you find in Lienhard & Smithers (2002). If papers which came to your notice are not treated in the "Additions", please send me the bibliographical references by e-mail. In the "Additions to the Bibliography", references to the papers which I have not yet seen are marked with "(Not seen)" or "(Only abstract seen)". Please send me a copy or PDF of these papers if you feel concerned. Only papers which I have seen are analysed for the "Additions to the Catalogue", or those where the matter they deal with is clearly indicated in the title or in the abstract.

In general these "Additions" present the information in the style of the catalogue (Lienhard & Smithers, 2002), according to the criteria mentioned there (pp. ix-xli) and using the same abbreviations (cf. pp. xl-xli). Families (and higher categories, if mentioned) are listed according to Table 1 of Lienhard & Smithers (2002), except for changes published since (see "Additions", Parts 1-11). For each family, newly published changes concerning supra-generic taxa are mentioned at the beginning of the family treatment. For genus-group names and species-group names already listed by Lienhard & Smithers (2002) only the author is cited here. For new names the complete reference (author, year, page) is given in their first entry, where new genus-group names are marked with two asterisks (**) and new species-group names with one asterisk (*). For a name not listed by Lienhard & Smithers (2002), but cited in a preceding part of the "Additions", author and year are always mentioned. Genera are listed alphabetically within each family. Species are listed alphabetically within each genus. Species names are usually cited in the combination used by Lienhard & Smithers (2002), if not an explicit change of combination (or a new synonymy) has been published since.

The "Corrections" refer to the pages of Lienhard & Smithers (2002) and the changes proposed here are usually underlined.

No nomenclatural act is published in the "Additions to the Catalogue" because articles in "Psocid News" are not considered as published works under the rules of ICZN (cf. Editorial: Disclaimer). Sometimes

recommendations to future revisers are given concerning nomenclatural acts which eventually should be published. Only some mandatory changes are made in the "Additions to the Catalogue" (e. g. adaptation of species name endings to the grammatical gender of the genus name).

2. List of countries mentioned in the "Additions and Corrections to the World Catalogue" (Parts 1-12)

Country checklists of Psocoptera species extracted from Lienhard & Smithers (2002) are available online at: <http://www.ville-ge.ch/mhng/psocoptera/page/ps-coun.htm>

All additional species records are mentioned in the "Additions and Corrections to the World Catalogue" and all countries mentioned in Parts 1 to 12 of these Additions are listed below, arranged according to the main geographical regions defined for the Catalogue (**I-X**), with a separate heading for fossils, mainly from amber (**A**). This list is provided to facilitate computer searching for distributional references in the online version of the different parts which can be found at <http://hdl.handle.net/2115/35519> or in the **Synthesis of Parts 1-10** available at: http://www.ville-ge.ch/mhng/psocoptera/divers/synthesis_add_1_10.pdf

- Part 1 – Psocid News, no. 4 (2003): 2-24 (= Lienhard, 2003a)
- Part 2 – Psocid News, no. 5 (2003): 2-37 (= Lienhard, 2003b)
- Part 3 – Psocid News, no. 6 (2004): 1-23 (= Lienhard, 2004a)
- Part 4 – Psocid News, no. 7 (2005): 1-16 (= Lienhard, 2005a)
- Part 5 – Psocid News, no. 8 (2006): 1-18 (= Lienhard, 2006a)
- Part 6 – Psocid News, no. 9 (2007): 1-17 (= Lienhard, 2007a)
- Part 7 – Psocid News, no. 10 (2008): 1-18 (= Lienhard, 2008a)
- Part 8 – Psocid News, no. 11 (2009): 2-16 (= Lienhard, 2009a)
- Part 9 – Psocid News, no. 12 (2010): 1-18 (= Lienhard, 2010)
- Part 10 – Psocid News, no. 13 (2011): 1-18 (= Lienhard, 2011a)
- Parts 1-10 – see URL above** (= Lienhard, 2011c)
- Part 11 – Psocid News, no. 14 (2012): 1-13 (= Lienhard, 2012a)
- Part 12 – published in Psocid News, no. 15 (2013) (= present issue)

(I) Austria (Parts 1, 3, 4, 5, 6, 8, 9), Bahrain (Part 8), Belgium (Parts 3, 6, 8, 10), Bulgaria (Part 8), Croatia (Parts 6, 7, 11, 12), Cyprus (Part 11), Czech Republic (Parts 1, 4, 5, 6, 7, 8, 10, 11), Denmark (Parts 10, 12), Egypt (Part 6), Europe (Parts 10, 11, 12), Finland (Parts 1, 7, 10, 11, 12), France (Parts 1, 3, 4, 6, 7, 8, 9, 10, 11, 12), Germany (Parts 1, 3, 4, 5, 7, 8, 10, 11, 12), Great Britain (Parts 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12), Greece (Parts 5, 6, 11), Hungary (Parts 1, 3, 10), Iceland (Part 10), Iran (Parts 6, 8), Ireland (Parts 6, 9), Israel (Parts 4, 6, 8, 11), Italy (Parts 1, 3, 5, 6, 7, 8, 9, 10), Lebanon (Parts 6, 7, 9, 10, 11), Lithuania (Part 8), Luxembourg (Parts 1, 3, 7, 8, 10), Morocco (Part 10), Netherlands (Parts 4, 7, 9, 11), Norway (Parts 4, 10), Oman (Part 8), Portugal (Parts 6, 7), Romania (Part 10), Russia (Parts 6, 8, 10, 12), Saudi Arabia (Part 8), Slovakia (Parts 1, 11), Spain (Parts 1, 5, 7, 8, 9, 11, 12), Sweden (Part 8, 10), Switzerland (Parts 1, 3, 4, 6, 7, 8, 11, 12), Turkey (Part 5, 10), UAE (Parts 8, 9), Ukraine (Part 6), Yemen (Parts 4, 8)

(II) Ascension Island (Part 11), Azores (Parts 5, 11), Canary Islands (Parts 1, 4, 5, 10, 11), Cape Verde Islands (Parts 5, 11), Gough Island (Parts 5, 6), Madeira (Parts 5, 8), Saint Helena (Parts 5, 11), Selvagens Islands (Parts 1, 8)

(III) Canada (Parts 4, 6, 7, 8), North America (Parts 11, 12), USA (Parts 1, 4, 5, 6, 7, 8, 9, 10, 11, 12)

(IV) Belize (Parts 1, 4, 6, 8, 9, 10), Costa Rica (Parts 1, 6, 8), Cuba (Parts 6, 11), Dominica (Parts 5, 6, 11), Dominican Republic (Parts 4, 6, 7, 8, 12), Guatemala (Parts 1, 4, 7, 8, 11), Haiti (Parts 1, 4), Hispaniola (Part 10), Honduras (Part 8), Jamaica (Parts 7, 8, 9), Mexico (Parts 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12), Middle America (Part 11), Nicaragua (Parts 1, 3, 4, 6, 7, 8), Panama (Parts 4, 6, 8), Puerto Rico (Parts 1, 7, 10), Trinidad (Part 1)

(V) Argentina (Parts 3, 4, 8, 9), Bolivia (Parts 1, 5, 9, 10), Brazil (Parts 1, 4, 5, 6, 7, 8, 9, 10, 11, 12), Chile (Parts 1, 4, 6, 8), Colombia (Parts 1, 10, 11, 12), Ecuador (Parts 1, 6, 8), Peru (Parts 1, 5, 6, 8, 9, 10, 11, 12), Suriname (Part 10), Venezuela (Parts 1, 4, 6, 7, 8, 10)

(VI) Ghana (Part 4), Guinea (Part 1), Kenya (Part 4), Madagascar (Part 5), Malawi (Part 3), Namibia (Parts 1, 6, 7, 8, 10), South Africa (Parts 3, 6, 7, 8, 11), Tanzania (Parts 3, 4), Uganda (Part 6)

(VIII) Brunei (Parts 5, 6), China (Parts 2, 3, 5, 6, 7, 8, 9, 10, 11, 12), Hong Kong (Part 5), India (Parts 3, 5, 6, 7, 11), Indonesia (Parts 1, 3, 5, 6, 10), Japan (Parts 1, 4, 6, 7, 8, 9, 10, 12), Kuril Islands (Part 4), Kyrgyzstan (Part 5), Laos (Parts 5, 6), Malaysia (Parts 1, 5, 6, 8, 10), Myanmar (Parts 6, 8), Nepal (Part 7),

New Guinea (Parts 3, 5, 8), Philippines (Parts 3, 5, 6), Russia (Parts 1, 10, 11), SE-Asia (Part 7), Singapore (Part 5), Sri Lanka (Parts 4, 6), Taiwan (Parts 1, 6, 7, 8), Thailand (Parts 1, 4, 5, 6, 9, 11), USSR (Parts 4, 9), Vietnam (Parts 4, 5, 6, 8)

(IX) Australia (Parts 1, 4, 5, 6, 7, 8, 10, 12), Lord Howe Island (Parts 4, 7), New Zealand (Parts 1, 4), Tasmania (Part 9)

(X) Fiji (Part 8), Galapagos (Parts 5, 12), Hawaii (Part 8), New Caledonia (Part 12)

(A) Amber and Copal (or other fossils) (Parts 1, 3, 5, 6, 7, 8, 9, 10, 11, 12)

3. Additions to the Catalogue

Psocodea

Nel *et al.*, 2012 (wing venation pattern, phylogeny, Permian monotypic family **Zygopsocidae** (A) possibly oldest representative of the Psocodea). Wei *et al.*, 2012b (phylogeny). Yeates *et al.*, 2012 (phylogeny).

Psocoptera

Bacic *et al.*, 2010 (Slovenia (I): pests in herbarium). Britton, 2011b (biography of C. N. Smithers). Britton, 2011c (biography and bibliography of C. N. Smithers). Burns *et al.*, 2011 (Australia (IX), ecology). Li Yan-Hong *et al.*, 2011 (China (VIII), in soil litter). Basset *et al.*, 2012 (biodiversity in a tropical forest). Birkhofer & Wolters, 2012 (predation by spiders). Borkhataria *et al.*, 2012 (Puerto Rico (IV), ecology). Britton, 2012a (biography of C. N. Smithers), 2012b (list of patronymic taxa dedicated to C. N. Smithers). Caldart *et al.*, 2012 (frog as predator of psocids). Entomological Society of Queensland 2012 (photograph and biography of C. N. Smithers). Garcia Aldrete & Mockford, 2012 (Brazil (V): key to families, diagnoses of families, general remarks on morphology and biology). Gouveia *et al.*, 2012 (Brazil (V), in birds' nests). Lienhard, 2012a (additions to the World Catalogue and Bibliography, Part 11). New, 2012 (biography of C. N. Smithers). Olson & Beard, 2012 (Hawaii (X), predation by frog). Penney, 2012 (major world amber deposits (A), number of families mentioned). Smithers, A. S. 2012 (biography of C. N. Smithers). Wei *et al.*, 2012b (phylogeny: Psocoptera paraphyletic). Yoshizawa, 2012 (newsletter).

Lepidopsocidae

Cytophania spec. North America (III): Mockford, 2012 (biogeography).

Echmepteryx spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999; Scheven, 2004 (photograph).

Echmepteryx (Thylacopsis) spec. North America (III): Mockford, 2012 (biogeography).

Echmepteryx (Echmepteryx) alpha Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Echmepteryx aperta Thornton & Woo. Galapagos (X): Peck, 2012.

Echmepteryx (Thylacopsis) falco (Badonnel). North America (III): Mockford, 2012 (biogeography).

Echmepteryx (Echmepteryx) hageni (Packard). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Echmepteryx (Echmepteryx) intermedia Mockford. North America (III): Mockford, 2012 (biogeography).

Echmepteryx lunulata Thornton, Lee & Chui. Galapagos (X): Peck, 2012.

Echmepteryx (Thylacopsis) madagascariensis (Kolbe). North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.

Echmepteryx (Echmepteryx) youngi Mockford. North America (III): Mockford, 2012 (biogeography).

Lepidopsocus maculatus Thornton, Lee & Chui. Galapagos (X): Peck, 2012.

Neolepolepis caribensis (Turner). North America (III): Mockford, 2012 (biogeography).

Neolepolepis occidentalis (Mockford). North America (III): Mockford, 2012 (biogeography).

Neolepolepis xerica (Garcia Aldrete). North America (III): Mockford, 2012 (biogeography).

Nepticulomima spec. North America (III): Mockford, 2012 (biogeography).

Nepticulomima cavagnaroi Thornton & Woo. Galapagos (X): Peck, 2012.

Proentomum personatum Badonnel. North America (III): Mockford, 2012 (biogeography).

Pteroxanium spec. Australia (IX): Gunawardene *et al.*, 2012.

Pteroxanium forcepetum Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Pteroxanium kelloggi (Ribaga). North America (III): Mockford, 2012 (biogeography).

Soa flaviterminata Enderlein. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.

Soa reticulata Thornton & Woo. Galapagos (X): Peck, 2012.

Thylacella cubana (Banks). North America (III): Mockford, 2012 (biogeography).

Trogiidae

- Cerobasis* spec. North America (III): Mockford, 2012 (biogeography).
Cerobasis annulata (Hagen). North America (III): Mockford, 2012 (biogeography).
Cerobasis guesfalica (Kolbe). Germany (I): Schneider *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Cerobasis lambda Thornton & Woo. Galapagos (X): Peck, 2012.
Cerobasis recta Thornton & Woo. Galapagos (X): Peck, 2012.
Cerobasis treptica Thornton & Woo. Galapagos (X): Peck, 2012.
Lepinotus spec. Australia (IX): Gunawardene *et al.*, 2012.
Lepinotus inquilinus Heyden. Germany (I): Schneider *et al.*, 2012. North America (III): Mockford, 2012 (biogeography).
Lepinotus patruelis Pearman. Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Biol.: Bonduriansky, 2001 (male mate choice).
Lepinotus reticulatus Enderlein. Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). China (VIII): Li Zhihong *et al.*, 2012 (DNA barcode, SEM micrographs, pest). Pest: Arif *et al.*, 2012 (molecular identification); Athanassiou *et al.*, 2012 (control).
Myrmicodipnella aptera Enderlein. North America (III): Mockford, 2012 (biogeography).
Trogium braheicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Trogium pulsatorium (Linnaeus). Russia (I): Golub, 2007 (ecol.). Spain (I): Baz, 2003. North America (III): Mockford, 2012 (biogeography). Ethol.: Solowiow, 1924d.

Psoquillidae

- Balliella ealensis* Badonnel. North America (III): Mockford, 2012 (biogeography).
Psoquilla marginepunctata Hagen. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
Rhyopsocoides typhicolus Garcia Aldrete, 2006. North America (III): Mockford, 2012 (biogeography).
Rhyopsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999; Scheven, 2004 (photograph).
Rhyopsocus spec. North America (III): Mockford, 2012 (biogeography).
Rhyopsocus bentonae Sommerman. North America (III): Mockford, 2012 (biogeography).
Rhyopsocus disparilis (Pearman). North America (III): Mockford, 2012 (biogeography).
Rhyopsocus eclipticus Hagen. North America (III): Mockford, 2012 (biogeography).
Rhyopsocus maculosus Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Rhyopsocus micropterus Mockford. North America (III): Mockford, 2012 (biogeography).
Rhyopsocus orthatus Thornton & Woo. Galapagos (X): Peck, 2012.
Rhyopsocus texanus (Banks). North America (III): Mockford, 2012 (biogeography).

Psyllipsocidae

- Dorypteryx domestica* (Smithers). Central Europe (I): Ineichen *et al.*, 2012. Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Australia (IX): Gunawardene *et al.*, 2012 (fig.).
Dorypteryx longipennis Smithers. Germany (I): Schneider *et al.*, 2012.
Dorypteryx pallida Aaron. Germany (I): Tamm, 1982; Schneider *et al.*, 2012. North America (III): Mockford, 2012 (biogeography).
Pseudorypteryx mexicana Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Psocathropos lachlani Ribaga. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999 (erroneously assigned to Psocidae).
Psyllipsocus apache Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus decoratus Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus hilli Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus huastecanus Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus hyalinus Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus kintpuashi Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus maculatus Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus neoleonensis Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus oculatus Gurney. North America (III): Mockford, 2012 (biogeography).

Psyllipsocus ramburii Selys-Longchamps. Germany (I): Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus regiomontanus Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus subterraneus Mockford, 2011. North America (III): Mockford, 2012 (biogeography).
Psyllipsocus yucatan Gurney. Brazil (V): Lienhard *et al.*, 2012 (wing membranes coated by microcrystals).

Prionoglarididae

Prionoglaris stygia Enderlein. Germany (I): Schneider *et al.*, 2012. Spain (I): Baz, 2003.
Speleketor flocki Gurney. North America (III): Mockford, 2012 (biogeography).
Speleketor irwini Mockford. North America (III): Mockford, 2012 (biogeography).
Speleketor pictus Mockford. North America (III): Mockford, 2012 (biogeography).

Compsocidae

Compsocidae gen. spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (misspelled Compsopsocidae; photograph).

Protoctopsocidae

Protoctopsocus enigmaticus Mockford. North America (III): Mockford, 2012 (biogeography).

Troctopsocidae

Troctopsocopsis spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (photograph).

Amphientomidae

Amphientomidae gen. spec. Australia (IX): Gunawardene *et al.*, 2012.
Amphientomum paradoxum Pictet. Baltic amber (I) (A): Scheven, 2004 (photograph).
Lithoseopsis spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999; Scheven, 2004 (photograph).
Lithoseopsis hellmani (Mockford & Gurney). North America (III): Mockford, 2012 (biogeography).
Lithoseopsis hystrix (Mockford). North America (III): Mockford, 2012 (biogeography).
Stimulopalpus japonicus Enderlein. North America (III): Mockford, 2012 (biogeography).
Syllysis spec. North America (III): Mockford, 2012 (biogeography).

Liposcelididae

Belaphotroctes spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (photograph).
Belaphotroctes alleni Mockford. North America (III): Mockford, 2012 (biogeography).
Belaphotroctes badonneli Mockford. North America (III): Mockford, 2012 (biogeography).
Belaphotroctes ghesquieri Badonnel. North America (III): Mockford, 2012 (biogeography).
Belaphotroctes hermosus Mockford. North America (III): Mockford, 2012 (biogeography).
Belaphotroctes simberloffii Mockford. North America (III): Mockford, 2012 (biogeography).
Embidopsocus spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (photograph).
Embidopsocus bousemani Mockford. North America (III): Mockford, 2012 (biogeography).
Embidopsocus citrensis Mockford. North America (III): Mockford, 2012 (biogeography).
Embidopsocus femoralis (Badonnel). North America (III): Mockford, 2012 (biogeography).
Embidopsocus laticeps Mockford. North America (III): Mockford, 2012 (biogeography).
Embidopsocus mexicanus Mockford. North America (III): Mockford, 2012 (biogeography).
Embidopsocus needhami (Enderlein). North America (III): Mockford, 2012 (biogeography).
Embidopsocus pauliani Badonnel. Galapagos (X): Peck, 2012.
Embidopsocus thorntoni Badonnel. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
Liposcelis spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
Liposcelis spec. North America (III): Mockford, 2012 (biogeography). Australia (IX): Gunawardene *et al.*, 2012.
Liposcelis aconae Badonnel. Spain (I): Baz, 2003.
Liposcelis bicolor (Banks). Spain (I): Baz, 2003. North America (III): Mockford, 2012 (biogeography).
Liposcelis bostrychophila Badonnel. Central Europe (I): Ineichen *et al.*, 2012. Germany (I): Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Australia (IX): Gunawardene *et al.*, 2012. Genet.: Jiang *et al.*, 2012; Wei *et al.*, 2012a, 2012b. Pest: Athanassiou *et al.*, 2012 (control); Liu Zhi Long *et al.*, 2012 (control); Opit *et al.*, 2012 (control). Techniques: Kucerova *et al.*, 2011 (morphological and molecular identification).

Liposcelis brunnea Motschulsky. Germany (I): Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Liposcelis compacta Lienhard. Spain (I): Baz, 2003.

Liposcelis corrodens (Heymons). Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Liposcelis decolor (Pearman). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Genet.: Dou *et al.*, 2010. Pest: Athanassiou *et al.*, 2012 (control). Morph.: Kucerova *et al.*, 2012 (fig. of eye). Pest: Opit *et al.*, 2012 (control).

Liposcelis deltachi Sommerman. North America (III): Mockford, 2012 (biogeography).

Liposcelis entomophila (Enderlein). North America (III): Mockford, 2012 (biogeography). Australia (IX): Gunawardene *et al.*, 2012. Galapagos (X): Peck, 2012. Genet.: Wei *et al.*, 2012a. Pest: Athanassiou *et al.*, 2012 (control); Opit *et al.*, 2012 (control). Techniques: Yang Qianqian *et al.*, 2012 (morphological and molecular identification; SEM micrographs).

Liposcelis formicaria (Hagen). North America (III): Mockford, 2012 (biogeography).

Liposcelis fusciceps Badonnel. North America (III): Mockford, 2012 (biogeography).

Liposcelis hirsutoides Mockford. North America (III): Mockford, 2012 (biogeography).

Liposcelis keleri Günther. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b.

Liposcelis lacinia Sommerman. North America (III): Mockford, 2012 (biogeography).

Liposcelis mendax Pearman. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Liposcelis meridionalis (Rosen). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999.

Liposcelis myrmecophila Broadhead. Spain (I): Baz, 2003.

Liposcelis nasus Sommerman. North America (III): Mockford, 2012 (biogeography).

Liposcelis nigra (Banks). North America (III): Mockford, 2012 (biogeography).

Liposcelis obscura Broadhead. North America (III): Mockford, 2012 (biogeography).

Liposcelis ornata Mockford. North America (III): Mockford, 2012 (biogeography).

Liposcelis paeta Pearman. North America (III): Mockford, 2012 (biogeography). Pest: Athanassiou *et al.*, 2012 (control); Opit *et al.*, 2012 (control); Wang *et al.*, 2012 (control).

Liposcelis palatina Roesler. Finland (I): Kanervo, 2011; Silfverberg, 2012. Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b.

Liposcelis pallens Badonnel. North America (III): Mockford, 2012 (biogeography).

Liposcelis pallida Mockford. North America (III): Mockford, 2012 (biogeography).

Liposcelis pearmani Lienhard. North America (III): Mockford, 2012 (biogeography).

Liposcelis prenolepidis (Enderlein). North America (III): Mockford, 2012 (biogeography).

Liposcelis pubescens Broadhead. Switzerland (I): Lienhard, 2012b.

Liposcelis rufa Broadhead. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Biol.: Gautam *et al.*, 2012 (temperature-dependent development).

Liposcelis semicaeca Lienhard. Spain (I): Baz, 2003.

Liposcelis silvarum (Kolbe). Croatia (I): Kucerova *et al.*, 2012. France (I): Kucerova *et al.*, 2012. Germany (I): Willig, 2002; Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Kucerova *et al.*, 2012; Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Morph.: Kucerova *et al.*, 2012 (general, aberrant eye, egg).

Liposcelis triocellata Mockford. North America (III): Mockford, 2012 (biogeography).

Liposcelis uxoris Lienhard. Spain (I): Baz, 2003.

Liposcelis villosa Mockford. North America (III): Mockford, 2012 (biogeography).

Pachytroctidae

Nanopsocus oceanicus Pearman. Spain (I): Baz, 2003. North America (III): Mockford, 2012 (biogeography).

Nymphotroctes denisi Badonnel. Spain (I): Baz, 2003.

Pachytroctes achrostus Thornton & Woo. Galapagos (X): Peck, 2012.

Pachytroctes aegyptius Enderlein. North America (III): Mockford, 2012 (biogeography).

Pachytroctes neoleonensis Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Tapinella spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (photograph).

Tapinella francesca Thornton & Woo. Galapagos (X): Peck, 2012.

Tapinella maculata Mockford & Gurney. North America (III): Mockford, 2012 (biogeography).

Tapinella olmeca Mockford. North America (III): Mockford, 2012 (biogeography).

Tapinella stenomedia Thornton & Woo. Galapagos (X): Peck, 2012.

Sphaeropsocidae

- Badonnelia titei* Pearman. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Prospaeropsocus californicus Mockford, 2009. North America (III): Mockford, 2012 (biogeography).
Prospaeropsocus pallidus Mockford, 2009. North America (III): Mockford, 2012 (biogeography).
Sphaeropsocopsis argentina (Badonnel). North America (III): Mockford, 2012 (biogeography).
Sphaeropsocopsis castanea Mockford, 2009. North America (III): Mockford, 2012 (biogeography).
Sphaeropsocus kuenowii Hagen. Baltic amber (I) (A): Scheven, 2004 (photograph).
Troglosphaeropsocus voylesi Mockford, 2009. North America (III): Mockford, 2012 (biogeography).

Epipsocidae

- Bertkauia crosbyana* Chapman. North America (III): Mockford, 2012 (biogeography).
Bertkauia lepicidinaria Chapman. North America (III): Mockford, 2012 (biogeography).
Bertkauia lucifuga (Rambur). Germany (I): Willig, 2002; Schneider *et al.*, 2012 (phenol.). Russia (I): Golub, 2007 (ecol.). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003. Switzerland (I): Lienhard, 2012b.
Epipsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
Epipsocus avus (Roesler). Baltic amber (I) (A): Scheven, 2004 (photograph).
Epipsocus petenensis Mockford. North America (III): Mockford, 2012 (biogeography).
Goja Navas. Genus redefined, species listed: Garcia Aldrete, 2012c: 254.
*Gojaoides*** Garcia Aldrete, 2012c: 255. Gender: F (genus name treated as feminine by its author, see ICZN Art. 30.1.4.4.). Type species: *Epipsocus pictus* Banks.
Gojaoides aviceps (Badonnel). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides bogotana (Roesler). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides cornuta (Casasola Gonzalez & Garcia Aldrete, 2002). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides cubitalis (Mockford). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides erwini (Casasola Gonzalez & Garcia Aldrete, 2002). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides latiphallica (Casasola Gonzalez & Garcia Aldrete, 2002). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides longiareola (Casasola Gonzalez & Garcia Aldrete, 2002). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides molinai (Williner). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides nebulosa (Roesler). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides pechi (Williner). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides picta (Banks). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides plaumanni (Roesler). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides robusta (Casasola Gonzalez & Garcia Aldrete, 2002). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides semiaptera (Mockford). Garcia Aldrete, 2012c: 255 (**from Goja**).
Gojaoides spiculata (Casasola Gonzalez & Garcia Aldrete, 2002). Garcia Aldrete, 2012c: 255 (**from Goja**).
*Gonzobandia*** Garcia Aldrete, 2012c: 248. Gender: F. Type species: *Gonzobandia nancyae* Garcia Aldrete.
*Gonzobandia nancyae** Garcia Aldrete, 2012c: 249. Colombia (V).
Mesepipsocus campanulatus (Thornton & Woo). Galapagos (X): Peck, 2012.
Mesepipsocus niger (New). North America (III): Mockford, 2012 (biogeography).

Dolabellopsocidae

- Isthmopsocus* spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.

Cladiopsocidae

- Cladiopsocus* spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999; Scheven, 2004 (photograph).
Cladiopsocus garciai Eertmoed. North America (III): Mockford, 2012 (biogeography).

Spurostigmatidae

- Spurostigma* Eertmoed. Key to the species: Silva Neto & Garcia Aldrete, 2012: 85.
Spurostigma spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
*Spurostigma caatinga** Silva Neto & Garcia Aldrete, 2012: 86. Brazil (V).

Ptiloneuridae

Ptiloneuridae gen. spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
Loneura Navas. Revised diagnosis of species Group II, with key to males: Garcia Aldrete *et al.*, 2012b.
Loneura spec. North America (III): Mockford, 2012 (biogeography).
*Loneura andina** Garcia Aldrete, Mendivil Nieto & Gonzalez Obando, 2012: 66. Colombia (V).
*Loneura tuluaensis** Garcia Aldrete, Mendivil Nieto & Gonzalez Obando, 2012: 68. Colombia (V).
*Triplocania delgadoi** Garcia Aldrete, 2012a: 170. Mexico (IV).
*Triplocania halfferorum** Garcia Aldrete, 2012a: 170. Mexico (IV).

Asiopsocidae

Asiopsocus sonorensis Mockford & Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Notiopsocus spec. North America (III): Mockford, 2012 (biogeography).
Pronotiopsocus spec. North America (III): Mockford, 2012 (biogeography).

Caeciliusidae

Caeciliusidae gen. spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (photograph).
Caecilius spec. Australia (IX): Gunawardene *et al.*, 2012.
Caecilius fuscopterus (Latreille). Germany (I): Schneider *et al.*, 2012. Great Britain (I): Alexander, 2011a.
Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.
Enderleinella spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999 (misspelled
Enderleenella).
Enderleinella obsoleta (Stephens). Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b.
Epicaecilius pilipennis (Lienhard). Great Britain (I): Alexander, 2010.
Maoripsocus africanus (Ribaga). North America (III): Mockford, 2012 (biogeography).
Stenocaecilius antillanus (Banks). North America (III): Mockford, 2012 (biogeography). Galapagos (X):
Peck, 2012.
Stenocaecilius caboverdensis (Meinander). Spain (I): Baz, 2003.
Stenocaecilius casarum (Badonnel). North America (III): Mockford, 2012 (biogeography).
Stenocaecilius insularum (Mockford). North America (III): Mockford, 2012 (biogeography). Galapagos
(X): Peck, 2012.
Valenzuela atricornis (McLachlan). Great Britain (I): Alexander, 2010, 2011b. Switzerland (I): Lienhard,
2012b. North America (III): Mockford, 2012 (biogeography).
Valenzuela boreus (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela burmeisteri (Brauer). Germany (I): Tamm, 1982; Schneider *et al.*, 2012. Spain (I): Montserrat
Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland
(I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Valenzuela confluens (Walsh). North America (III): Mockford, 2012 (biogeography).
Valenzuela corsicus (Kolbe). Germany (I): Schneider *et al.*, 2012 (as *V. rhenanus*). Spain (I): Montserrat
Larrosa & Barrientos Alfageme, 1999; Baz, 2003.
Valenzuela croesus (Chapman). North America (III): Mockford, 2012 (biogeography).
Valenzuela debilis (Hagen). Baltic amber (I) (A): Scheven, 2004 (as *Caecilius debilis*, photograph).
Valenzuela despaxi (Badonnel). Germany (I): Schneider *et al.*, 2012. Spain (I): Mederos-Lopez & Baz
Ramos, 2012. Switzerland (I): Lienhard, 2012b.
Valenzuela distinctus (Mockford). North America (III): Mockford, 2012 (biogeography). Galapagos (X):
Peck, 2012.
Valenzuela flavidus (Stephens). Germany (I): Tamm, 1982; Willig, 2002; Schneider *et al.*, 2012. Russia (I):
Golub, 2007 (ecol.). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999. Switzerland (I):
Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a
(ecol.), 2012b (ecol.).
Valenzuela gonostigma (Enderlein). North America (III): Mockford, 2012 (biogeography).
Valenzuela graminis (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela gynapterus (Tetens). Denmark, Finland (I): Kanervo, 2011 (brachypterous female, figs.).
Germany (I): Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.
Valenzuela hyperboreus (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela incoloratus (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela indicator (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela juniperorum (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela lochloosae (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela manteri (Sommerman). North America (III): Mockford, 2012 (biogeography).
Valenzuela maritimus (Mockford). North America (III): Mockford, 2012 (biogeography).

Valenzuela mexicanus (Enderlein). North America (III): Mockford, 2012 (biogeography).
Valenzuela micanopi (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela nadleri (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela perplexus (Chapman). North America (III): Mockford, 2012 (biogeography).
Valenzuela piceus (Kolbe). Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.
Valenzuela pinicola (Banks). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Valenzuela posticus (Banks). North America (III): Mockford, 2012 (biogeography).
Valenzuela subflavus (Aaron). North America (III): Mockford, 2012 (biogeography).
Valenzuela tamiami (Mockford). North America (III): Mockford, 2012 (biogeography).
Valenzuela totonacus (Mockford). North America (III): Mockford, 2012 (biogeography).
Xanthocaecilius spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
Xanthocaecilius spec. North America (III): Mockford, 2012 (biogeography).
Xanthocaecilius anahuacensis Mockford. North America (III): Mockford, 2012 (biogeography).
Xanthocaecilius microphthalmus Mockford. North America (III): Mockford, 2012 (biogeography).
Xanthocaecilius quillayute (Chapman). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Xanthocaecilius sommermanae (Mockford). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Stenopsocidae

Graphopsocus cruciatus (Linnaeus). Germany (I): Tamm, 1982; Willig, 2002; Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Graphopsocus mexicanus Enderlein. North America (III): Mockford, 2012 (biogeography).
Stenopsocus immaculatus (Stephens). Germany (I): Schneider *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b.
Stenopsocus lachlani Kolbe. Germany (I): Tamm, 1982; Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.
Stenopsocus stigmaticus (Imhoff & Labram). Germany (I): Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.

Amphipsocidae

Amphipsocidae gen. spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999 (as Polypsocidae gen. spec.).
Brachypsocus badonneli Lienhard. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999.
Kolbia quisquiliarum Bertkau. Germany (I): Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.
Polypsocus corruptus (Hagen). North America (III): Mockford, 2012 (biogeography).

Dasydemellidae

Dasydemella silvestrii Enderlein. North America (III): Mockford, 2012 (biogeography).
Teliapsocus conterminus (Walsh). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Lachesillidae

Key to the genera of Graphocaeciliini: Garcia Aldrete, 2012b: 66.
Anomopsocus amabilis (Walsh). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
*Cuzcolachesilla*** Garcia Aldrete, 2012b: 65. Gender: F. Type species: *Cuzcolachesilla cashiriariensis* Garcia Aldrete.
*Cuzcolachesilla cashiriariensis** Garcia Aldrete, 2012b: 65. Peru (V).
Hemicaecilius Enderlein. Key to species: Garcia Aldrete *et al.*, 2012a: 50.
*Hemicaecilius mockfordi** Garcia Aldrete, Gonzalez Obando & Carrejo, 2012: 53. Colombia (V).
*Hemicaecilius nicolasi** Garcia Aldrete, Gonzalez Obando & Carrejo, 2012: 55. Colombia (V).
*Hemicaecilius rauli** Garcia Aldrete, Gonzalez Obando & Carrejo, 2012: 57. Colombia (V).
*Hemicaecilius smithersi** Garcia Aldrete, Gonzalez Obando & Carrejo, 2012: 53. Colombia (V).
Lachesilla abiesicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla acuminiforceps Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla aethiopica (Enderlein). North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
Lachesilla albertina Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla alpejia Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla andra Sommerman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Lachesilla anna Sommerman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Lachesilla arida Chapman. North America (III): Mockford, 2012 (biogeography).
Lachesilla arnae Sommerman. North America (III): Mockford, 2012 (biogeography).
Lachesilla aspera Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla bernardi Badonnel. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b.
Lachesilla bifurcata Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla bottimeri Mockford & Gurney. North America (III): Mockford, 2012 (biogeography).
Lachesilla braheicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla broadheadi Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla castroi Thornton & Woo. Galapagos (X): Peck, 2012.
Lachesilla centralis Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla chapmani Sommerman. North America (III): Mockford, 2012 (biogeography).
Lachesilla cintalapa Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla cladiumicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla contraforcepeta Chapman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Lachesilla corona Chapman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Lachesilla cuala Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla cupressicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla curvipila Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla delta Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla denticulata Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla dimorpha Lienhard. Spain (I): Baz, 2003.
Lachesilla dispariforceps Mockford. North America (III): Mockford, 2012 (biogeography).
Lachesilla dividiforceps Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla dona Sommerman. North America (III): Mockford, 2012 (biogeography).
Lachesilla floridana Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla forcepeta Chapman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Lachesilla fuscipalpis Badonnel. North America (III): Mockford, 2012 (biogeography).
Lachesilla gracilis Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla greeni (Pearman). North America (III): Mockford, 2012 (biogeography).
Lachesilla hermosa Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla huasteca Mockford, 2002. North America (III): Mockford, 2012 (biogeography).
Lachesilla jeanae Sommerman. North America (III): Mockford, 2012 (biogeography).
Lachesilla juniperana Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla kathrynae Mockford & Gurney. North America (III): Mockford, 2012 (biogeography).
Lachesilla kola Sommerman. North America (III): Mockford, 2012 (biogeography).
Lachesilla lacinosiforceps Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla major Chapman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Lachesilla merzi Lienhard. Spain (I): Baz, 2003.
Lachesilla michiliensis Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla monticola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla neoleonensis Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla nita Sommerman. North America (III): Mockford, 2012 (biogeography).
Lachesilla nubilis (Aaron). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Lachesilla nubiloides Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
Lachesilla otomi Mockford, 2002. North America (III): Mockford, 2012 (biogeography).

Lachesilla pacifica Chapman. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Lachesilla pallida (Chapman). North America (III): Mockford, 2012 (biogeography).

Lachesilla pedicularia (Linnaeus). Germany (I): Tamm, 1982; Willig, 2002; Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).

Lachesilla penta Sommerman. North America (III): Mockford, 2012 (biogeography).

Lachesilla perezi Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla picticeps Mockford. North America (III): Mockford, 2012 (biogeography).

Lachesilla pinicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla punctata (Banks). North America (III): Mockford, 2012 (biogeography).

Lachesilla quercus (Kolbe). Germany (I): Tamm, 1982; Willig, 2002; Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Lachesilla querpina Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla regiomontana Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla rena Sommerman. North America (III): Mockford, 2012 (biogeography).

Lachesilla riegei Sommerman. North America (III): Mockford, 2012 (biogeography).

Lachesilla rossica Roesler. Switzerland (I): Lienhard, 2012b.

Lachesilla rufa (Walsh). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Lachesilla sommermanae Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla sulcata Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla tectorum Badonnel. North America (III): Mockford, 2012 (biogeography).

Lachesilla texana Mockford & Garcia Aldrete, 2010. North America (III): Mockford, 2012 (biogeography).

Lachesilla texcocana Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla tropica Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla typhicola Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla ultima Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla yakima Mockford & Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).

Lachesilla yucateca Mockford, 2002. North America (III): Mockford, 2012 (biogeography).

Nanolachesilla chelata Mockford & Sullivan. North America (III): Mockford, 2012 (biogeography).

Nanolachesilla hirundo Mockford & Sullivan. North America (III): Mockford, 2012 (biogeography).

Prolachesilla mexicana Mockford & Sullivan. North America (III): Mockford, 2012 (biogeography).

Prolachesilla terricola Mockford & Sullivan. North America (III): Mockford, 2012 (biogeography).

Ectopsocidae

Ectopsocidae gen. spec. Australia (IX): Gunawardene *et al.*, 2012.

Ectopsocopsis cryptomeriae (Enderlein). Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Ectopsocopsis decorata (Thornton & Wong). North America (III): Mockford, 2012 (biogeography).

Ectopsocus spec. Australia (IX): Gunawardene *et al.*, 2012. Galapagos (X): Peck, 2012.

Ectopsocus briggsi McLachlan. Germany (I): Schneider *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Ectopsocus californicus (Banks). North America (III): Mockford, 2012 (biogeography).

Ectopsocus erosus (Enderlein). Australia (IX): Gunawardene *et al.*, 2012 (near *erosus*).

Ectopsocus maindroni Badonnel. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.

Ectopsocus meridionalis Ribaga. Germany (I): Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.). Galapagos (X): Peck, 2012.

Ectopsocus petersi Smithers. Germany (I): Schneider *et al.*, 2012. North America (III): Mockford, 2012 (biogeography).

Ectopsocus pumilis (Banks). Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Ectopsocus richardsi (Pearman). Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.

Ectopsocus salpinx Thornton & Wong. North America (III): Mockford, 2012 (biogeography).

Ectopsocus strauschi Enderlein. Spain (I): Baz, 2003. North America (III): Mockford, 2012 (biogeography).
Ectopsocus thibaudi Badonnel. North America (III): Mockford, 2012 (biogeography).
Ectopsocus titschacki Jentsch. North America (III): Mockford, 2012 (biogeography).
Ectopsocus vachoni Badonnel. Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Ectopsocus vilhenai Badonnel. North America (III): Mockford, 2012 (biogeography).

Peripsocidae

Kaestneriella fumosa (Banks). North America (III): Mockford, 2012 (biogeography).
Kaestneriella tenebrosa Mockford & Sullivan. North America (III): Mockford, 2012 (biogeography).
Peripsocus spec. Galapagos (X): Peck, 2012.
Peripsocus alachuae Mockford. North America (III): Mockford, 2012 (biogeography).
Peripsocus alboguttatus (Dalman). Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Peripsocus consobrinus Pearman. Finland (I): Kanervo, 2011 (fig.); Silfverberg, 2012.
Peripsocus didymus Roesler. Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b.
Peripsocus fici Smithers. Australia (IX): Gunawardene *et al.*, 2012.
Peripsocus maculosus Mockford. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Peripsocus madescens (Walsh). North America (III): Mockford, 2012 (biogeography).
Peripsocus madidus (Hagen). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Peripsocus milleri (Tillyard). Great Britain (I): Alexander, 2010, 2011a. Spain (I): Mederos-Lopez & Baz Ramos, 2012. North America (III): Mockford, 2012 (biogeography).
Peripsocus minimus Mockford. North America (III): Mockford, 2012 (biogeography).
Peripsocus parvulus Kolbe. Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b.
Peripsocus pauliani Badonnel. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
Peripsocus phaeopterus (Stephens). Germany (I): Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Spain (I): Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Peripsocus potosi Mockford. North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
Peripsocus stagnivagus Chapman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.). Galapagos (X): Peck, 2012.
Peripsocus subfasciatus (Rambur). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Peripsocus umbrosus Navas, 1911. Spain (I): Baz, 2003 (only Navas' record mentioned, nomen dubium).

Trichopsocidae

Trichopsocus brincki Badonnel. Great Britain (I): Alexander, 2010.
Trichopsocus clarus (Banks). Great Britain (I): Alexander, 2010. Spain (I): Mederos-Lopez & Baz Ramos, 2012. North America (III): Mockford, 2012 (biogeography).
Trichopsocus dalii (McLachlan). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. North America (III): Mockford, 2012 (biogeography).

Archipsocidae

Archipsocopsis frater (Mockford). North America (III): Mockford, 2012 (biogeography).
Archipsocopsis parvula (Mockford). North America (III): Mockford, 2012 (biogeography).
Archipsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999; Scheven, 2004 (photograph).
Archipsocus spec. North America (III): Mockford, 2012 (biogeography).
Archipsocus floridanus Mockford. North America (III): Mockford, 2012 (biogeography).
Archipsocus gurneyi Mockford. North America (III): Mockford, 2012 (biogeography).
Archipsocus nomas Gurney. North America (III): Mockford, 2012 (biogeography).
Archipsocus puber Hagen. Baltic amber (I) (A): Scheven, 2004 (photograph).
Archipsocus spinosus Thornton, Lee & Chui. Galapagos (X): Peck, 2012.

- Pararchipsocus elongatus* Badonnel, Mockford & Garcia Aldrete. North America (III): Mockford, 2012 (biogeography).
- Pseudocaeciliidae**
Pseudocaeciliidae gen. spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
*Austropsocus millei** Lienhard, 2012c: 162. New Caledonia (X).
Cladioneura foliata Smithers. Australia (IX): Gunawardene *et al.*, 2012.
Heterocaecilius spec. North America (III): Mockford, 2012 (biogeography).
Ophiodopelma spec. North America (III): Mockford, 2012 (biogeography).
Pseudocaecilius citricola (Ashmead). North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
Pseudocaecilius tahitiensis (Karny). North America (III): Mockford, 2012 (biogeography). Galapagos (X): Peck, 2012.
- Philotarsidae**
Philotarsidae gen. spec. Australia (IX): Gunawardene *et al.*, 2012.
Aaroniella spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999 (as *Broadheadia* spec.); Scheven, 2004 (as *Broadheadia* spec.; photograph).
Aaroniella achrysa (Banks). North America (III): Mockford, 2012 (biogeography).
Aaroniella badonneli (Danks). Spain (I): Mederos-Lopez & Baz Ramos, 2012. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Aaroniella galapagensis Thornton & Woo. Galapagos (X): Peck, 2012.
Aaroniella maculosa (Aaron). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Philotarsus spec. Dominican Republic (IV) in Dominican amber (A): Scheven, 2004 (photograph).
Philotarsus arizonicus Mockford, 2007. North America (III): Mockford, 2012 (biogeography).
Philotarsus californicus Mockford, 2007. North America (III): Mockford, 2012 (biogeography).
Philotarsus kwakiutl Mockford. North America (III): Mockford, 2012 (biogeography).
Philotarsus parviceps Roesler. Finland (I): Kanervo, 2011; Silfverberg, 2012. Germany (I): Schneider *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Philotarsus picicornis (Fabricius). Germany (I): Schneider *et al.*, 2012. Great Britain (I): Alexander, 2010. Russia (I): Golub, 2007 (ecol.). Spain (I): Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b.
Philotarsus potosinus Mockford, 2007. North America (III): Mockford, 2012 (biogeography).
- Elipsocidae**
Cuneopalpus cyanops (Rostock). Germany (I): Tamm, 1982. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Elipsocus spec. North America (III): Mockford, 2012 (biogeography).
Elipsocus abdominalis Reuter. Germany (I): Schneider *et al.*, 2012. North America (III): Mockford, 2012 (biogeography).
Elipsocus annulatus Roesler. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003.
Elipsocus guentheri Mockford. North America (III): Mockford, 2012 (biogeography).
Elipsocus hyalinus (Stephens). Germany (I): Tamm, 1982; Schneider *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Elipsocus moebiusi Tetens. Finland (I): Silfverberg, 2012. Russia (I): Golub, 2007 (ecol.). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Elipsocus obscurus Mockford. North America (III): Mockford, 2012 (biogeography).
Elipsocus pumilis (Hagen). Finland (I): Kanervo, 2011 (cf. *pumilis*, maybe a different species, fig.). Germany (I): Schneider *et al.*, 2012. Great Britain (I): Alexander, 2010. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Hemineura bigoti Badonnel. Spain (I): Baz, 2003.
Hemineura sclerophallina Lienhard. Spain (I): Baz, 2003.
Nepiomorpha peripsocoides Mockford. North America (III): Mockford, 2012 (biogeography).
Propsocus pulchripennis (Perkins). North America (III): Mockford, 2012 (biogeography).
Pseudopsocus fusciceps (Reuter). Germany (I): Schneider *et al.*, 2012.

Pseudopsocus meridionalis Badonnel. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003. Switzerland (I): Lienhard, 2012b.
Pseudopsocus rostocki Kolbe. Germany (I): Willig, 2002; Schneider *et al.*, 2012.
Reuterella helvimacula (Enderlein). Germany (I): Schneider *et al.*, 2012. North America (III): Mockford, 2012 (biogeography).

Mesopsocidae

Cyrtopsocus pustulatus (Badonnel). Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012.
Mesopsocus blancae Baz. Spain (I): Baz, 2003.
Mesopsocus immunis (Stephens). Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. North America (III): Mockford, 2012 (biogeography).
Mesopsocus laticeps (Kolbe). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Mesopsocus unipunctatus (Müller). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
Palmicola spec. North America (III): Mockford, 2012 (biogeography).
Palmicola aphrodite Mockford. North America (III): Mockford, 2012 (biogeography).
Palmicola solitaria Mockford. North America (III): Mockford, 2012 (biogeography).
Psoculus neglectus (Roesler). Spain (I): Mederos-Lopez & Baz Ramos, 2012.

Hemipsocidae

Hemipsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
Hemipsocus chloroticus (Hagen). North America (III): Mockford, 2012 (biogeography).
Hemipsocus pretiosus Banks. North America (III): Mockford, 2012 (biogeography).

Psocidae

Amphigerontia bifasciata (Latreille). Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Amphigerontia contaminata (Stephens). Germany (I): Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
Amphigerontia infernicola (Chapman). North America (III): Mockford, 2012 (biogeography).
Amphigerontia intermedia (Tetens). Switzerland (I): Lienhard, 2012b.
Amphigerontia longicauda Mockford & Anonby, 2007. North America (III): Mockford, 2012 (biogeography).
Amphigerontia montivaga (Chapman). North America (III): Mockford, 2012 (biogeography).
Amphigerontia petiolata (Banks). North America (III): Mockford, 2012 (biogeography).
Atlantopsocus personatus (Hagen). Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012.
Atropsocus atratus (Aaron). North America (III): Mockford, 2012 (biogeography).
Barrowia insularis Smithers. Australia (IX): Gunawardene *et al.*, 2012 (fig.).
Blaste spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.
Blaste cockerelli (Banks). North America (III): Mockford, 2012 (biogeography).
Blaste conspurcata (Rambur). Finland (I): Kanervo, 2011. Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b.
Blaste didyma Lienhard. Spain (I): Baz, 2003.
Blaste garciorum Mockford. North America (III): Mockford, 2012 (biogeography).
Blaste longipennis (Banks). North America (III): Mockford, 2012 (biogeography).
Blaste opposita (Banks). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Blaste oregona (Banks). North America (III): Mockford, 2012 (biogeography).
Blaste osceola Mockford. North America (III): Mockford, 2012 (biogeography).
Blaste persimilis (Banks). North America (III): Mockford, 2012 (biogeography).
Blaste posticata (Banks). North America (III): Mockford, 2012 (biogeography).
Blaste quadrimaculata (Latreille). Removed from Psocoptera species list of Finland (I): Kanervo, 2011. Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012.
Blaste quieta (Hagen). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
Blaste subapterous (Chapman). North America (III): Mockford, 2012 (biogeography).
Blaste subquieta (Chapman). North America (III): Mockford, 2012 (biogeography).

Blastopsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.

Blastopsocus spec. North America (III): Mockford, 2012 (biogeography).

Blastopsocus goodrichi Mockford, 2002. North America (III): Mockford, 2012 (biogeography).

Blastopsocus johnstoni Mockford, 2002. North America (III): Mockford, 2012 (biogeography).

Blastopsocus lithinus (Chapman). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Blastopsocus semistriatus (Walsh). North America (III): Mockford, 2012 (biogeography).

Blastopsocus uncinatus (Thornton & Woo). Galapagos (X): Peck, 2012.

Blastopsocus variabilis (Aaron). North America (III): Mockford, 2012 (biogeography).

Blastopsocus walshi Mockford, 2002. North America (III): Mockford, 2012 (biogeography).

Camelopsocus spec. North America (III): Mockford, 2012 (biogeography).

Camelopsocus bactrianus Mockford. North America (III): Mockford, 2012 (biogeography).

Camelopsocus hiemalis Mockford. North America (III): Mockford, 2012 (biogeography).

Camelopsocus monticolus Mockford. North America (III): Mockford, 2012 (biogeography).

Camelopsocus similis Mockford. North America (III): Mockford, 2012 (biogeography).

Camelopsocus tucsonensis Mockford. North America (III): Mockford, 2012 (biogeography).

Cerastipsocus trifasciatus (Provancher). North America (III): Mockford, 2012 (biogeography).

Cerastipsocus venosus (Burmeister). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Hyalopsocus spec. North America (III): Mockford, 2012 (biogeography).

Hyalopsocus floridanus (Banks). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).

Hyalopsocus morio (Latreille). Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b (see page 55: remark no. 1).

Hyalopsocus striatus (Walker). North America (III): Mockford, 2012 (biogeography).

Indiopsocus spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.

Indiopsocus spec. North America (III): Mockford, 2012 (biogeography).

Indiopsocus acraeus (Thornton & Woo). Galapagos (X): Peck, 2012.

Indiopsocus bisignatus (Banks). North America (III): Mockford, 2012 (biogeography).

Indiopsocus campestris (Aaron). North America (III): Mockford, 2012 (biogeography).

Indiopsocus ceterus Mockford. North America (III): Mockford, 2012 (biogeography).

Indiopsocus coquilletti (Banks). North America (III): Mockford, 2012 (biogeography).

Indiopsocus dentatus (Thornton & Woo). Galapagos (X): Peck, 2012.

Indiopsocus infumatus (Banks). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).

Indiopsocus texanus (Aaron). North America (III): Mockford, 2012 (biogeography).

Javablaste Endang, Thornton & New, 2002. Probably a junior synonym of *Neopsocopsis* Badonnel: Liu Lu-Xi *et al.*, 2012: 30.

Loensia spec. North America (III): Mockford, 2012 (biogeography).

Loensia conspersa (Banks). North America (III): Mockford, 2012 (biogeography).

Loensia fasciata (Fabricius). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).

Loensia maculosa (Banks). North America (III): Mockford, 2012 (biogeography).

Loensia moesta (Hagen). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).

Loensia pearmani Kimmins. Germany (I): Schneider *et al.*, 2012.

Loensia variegata (Latreille). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b.

Mecampsis Enderlein. Genus definition discussed: Yoshizawa & Mockford, 2012: 138.

Metylophorus barretti (Banks). North America (III): Mockford, 2012 (biogeography).

Metylophorus nebulosus (Stephens). Germany (I): Schneider *et al.*, 2012. Russia (I): Golub, 2007 (ecol.). Spain (I): Mederos-Lopez & Baz Ramos, 2012. Switzerland (I): Lienhard, 2012b.

Metylophorus novaescotiae (Walker). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Metylophorus purus (Walsh). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).

Neopsocopsis Badonnel. Genus diagnosis and key to species: Liu Lu-Xi *et al.*, 2012.

*Neopsocopsis convexa** Liu Lu-Xi, Li Fa-Sheng & Liu Zhi-Qi, 2012: 32. China (VIII).

Neopsocopsis flavida (Li Fasheng, 1989). Redescription: Liu Lu-Xi *et al.*, 2012: 42. China (VIII).

Blastopsocidus pini Li Fasheng, 1990. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 42.

Pentablaste lanceolata Li Fasheng, 2002a: 1377. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 42.

Neopsocopsis hirticornis (Reuter). Redescription, distribution: Liu Lu-Xi *et al.*, 2012. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003; Mederos-Lopez & Baz Ramos, 2012. China, Japan (VIII): Liu Lu-Xi *et al.*, 2012.

Pentablaste clavata Li Fasheng, 2002a: 1368. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 35.

Pentablaste obconica Li Fasheng, 2002a: 1373. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 35.

Neopsocopsis longiptera Vishnyakova, 1986. China (VIII): Liu Lu-Xi *et al.*, 2012.

Pentablaste tetraedrica Li Fasheng, 2002a: 1371. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 38.

Neopsocopsis profunda (Li Fasheng, 1995). Redescription: Liu Lu-Xi *et al.*, 2012: 40. China (VIII).

Neoblaste flavae Li Fasheng, 1995. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 40.

Neoblaste schizopetala Li Fasheng, 1997. **Synonymy:** Liu Lu-Xi *et al.*, 2012: 40.

Neopsocopsis quinquedentata (Li Fasheng & Yang Chikun). Redescription of male: Liu Lu-Xi *et al.*, 2012: 38. China (VIII).

Neopsocus rhenanus Kolbe. Spain (I): Montserrat Larrosa & Barrientos Alfageme, 1999; Baz, 2003.

Neopsocus tunesicus (Enderlein). Spain (I): Baz, 2003; Mederos-Lopez & Baz Ramos, 2012.

Oreopsocus montanus (Kolbe). Switzerland (I): Lienhard, 2012b.

Psocidus picteti (Enderlein). Baltic amber (I) (A): Scheven, 2004 (as *Psocus picteti*, photograph).

Psococerastis gibbosa (Sulzer). Germany (I): Schneider *et al.*, 2012. Switzerland (I): Lienhard, 2012b.

Psocomesites sturmi Badonnel. Yoshizawa & Mockford, 2012: 140 (**from** *Symbiopsocus*).

Psocus spec. North America (III): Mockford, 2012 (biogeography).

Psocus bipunctatus (Linnaeus). Germany (I): Schneider *et al.*, 2012. Spain (I): Baz, 2003. Switzerland (I): Lienhard, 2012b.

Psocus crosbyi Chapman. North America (III): Mockford, 2012 (biogeography).

Psocus leidy Aaron. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (eol.), 2012b (eol.).

Ptycta spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999; Scheven, 2004 (photograph).

Ptycta lineata Mockford. North America (III): Mockford, 2012 (biogeography).

Ptycta marta Thornton & Woo. Galapagos (X): Peck, 2012.

Ptycta polluta (Walsh). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (eol.), 2012b (eol.).

Steleops elegans (Banks). North America (III): Mockford, 2012 (biogeography).

Steleops lichenatus (Walsh). North America (III): Mockford, 2012 (biogeography).

Symbiopsocus Li Fasheng. Genus definition discussed: Yoshizawa & Mockford, 2012: 138.

Symbiopsocus bicruris (Li Fasheng). Yoshizawa & Mockford, 2012: 139 (erroneous figure plate published in Li Fasheng, 2002a; for correct figures see Li Fasheng, 1990a: fig. 6, as *Psocidus bicruris*).

Symbiopsocus changbaiensis (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 140 (**from** *Mecampsis*).

Symbiopsocus dolichosus (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 140 (**from** *Mecampsis*).

Symbiopsocus hastatus Mockford, 2003. Redescription, first description of female: Yoshizawa & Mockford, 2012: 134. Japan (VIII).

Symbiopsocus latus (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 140 (**from** *Mecampsis*).

Symbiopsocus magnificus (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 141 (**from** *Mecampsis*).

Symbiopsocus multimacularis (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 141 (**from** *Mecampsis*).

Symbiopsocus nanyuensis (Li Fasheng). Yoshizawa & Mockford, 2012: 141 (**from** *Mecampsis*).

Symbiopsocus ophiocephais (Li Fasheng). Yoshizawa & Mockford, 2012: 141 (misspelled *ophiocephalis*, **from** *Mecampsis*).

Symbiopsocus septangulatus (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 141 (**from** *Mecampsis*).

Symbiopsocus undulatus (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 141 (**from** *Mecampsis*).

Symbiopsocus unitus (Li Fasheng, 2002). Yoshizawa & Mockford, 2012: 141 (**from** *Mecampsis*).

Trichadenotecnum spec. Dominican Republic (IV) in Dominican amber (A): Poinar & Poinar, 1999.

Trichadenotecnum acutolingum Yoshizawa, Garcia Aldrete & Mockford, 2008. North America (III): Mockford, 2012 (misspelled *acutilingum*) (biogeography).

Trichadenotecnum alexandrae Sommerman. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (eol.), 2012b (eol.).

Trichadenotecnum castum Betz. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (eol.), 2012b (eol.).

- Trichadenotecnum cerrosillae* Yoshizawa, Garcia Aldrete & Mockford, 2008. North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum circularoides* Badonnel. North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum desolatum* (Chapman). North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum gallicum* Lienhard. Spain (I): Baz, 2003.
- Trichadenotecnum incognitum* Roesler. Germany (I): Schneider *et al.*, 2012.
- Trichadenotecnum innuptum* Betz. Switzerland (I): Lienhard, 2012b. North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum maculatum* Yoshizawa, Garcia Aldrete & Mockford, 2008. North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum majus* (Kolbe). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Great Britain (I): Alexander, 2010, 2011a. Russia (I): Golub, 2007 (ecol.). Switzerland (I): Lienhard, 2012b.
- Trichadenotecnum merum* Betz. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
- Trichadenotecnum neoleonense* Yoshizawa, Garcia Aldrete & Mockford, 2008. North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum pardus* Badonnel. North America (III): Mockford, 2012 (biogeography).
- Trichadenotecnum quaesitum* (Chapman). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.), 2012b (ecol.).
- Trichadenotecnum sexpunctatum* (Linnaeus). Germany (I): Willig, 2002; Schneider *et al.*, 2012. Great Britain (I): Alexander, 2011a. Switzerland (I): Lienhard, 2012b.
- Trichadenotecnum slossonae* (Banks). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).

Psilopsocidae

- Psilopsocus mimulus* Smithers. Australia (IX): New, 2012 (photograph of nymph and adult).

Myopsocidae

- Lichenomima* spec. North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012b (ecol.).
- Lichenomima chelata* (Thornton & Woo). Galapagos (X): Peck, 2012.
- Lichenomima coloradensis* (Banks). North America (III): Mockford, 2012 (biogeography).
- Lichenomima lugens* (Hagen). North America (III): Mockford, 2012 (biogeography). USA (III): Coots *et al.*, 2012a (ecol.).
- Lichenomima sparsa* (Hagen). North America (III): Mockford, 2012 (biogeography).
- Myopsocus* spec. North America (III): Mockford, 2012 (biogeography).
- Myopsocus antillanus* (Mockford). North America (III): Mockford, 2012 (biogeography).
- Myopsocus eatoni* McLachlan. France (I): Thomas, 2011. Spain (I): Baz, 2003. North America (III): Mockford, 2012 (biogeography).
- Myopsocus minutus* (Mockford). North America (III): Mockford, 2012 (biogeography).

4. Additions to the Bibliography

NOTE: Complete bibliographical references to publications cited in the present paper, which are not listed here, can be found in the World Bibliography (Lienhard & Smithers, 2002: 493-664) or in Parts 1 to 11 of the "Additions"; see also **Synthesis of Parts 1-10**: http://www.ville-ge.ch/mhng/psocoptera/divers/synthesis_add_1_10.pdf

Remarks: Papers with two authors are listed in alphabetical order of second authors after the chronological list of papers with the first author as unique author. Papers with more than two authors (i. e. "first author *et al.*"-papers) are listed chronologically after the two-author papers. References to papers published in the same year are distinguished by suffix-letters added to the publication year. No cross-references to co-authors or editors are given.

For a **subject bibliography** see: <http://www.ville-ge.ch/mhng/psocoptera/page/ps-bibli.htm>

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5. Corrections to Lienhard & Smithers, 2002

Remarks: The "Corrections" refer to the pages of Lienhard & Smithers (2002) and the changes proposed here are usually underlined.

097: *Liposcelis uxoris* Lienhard (not *Liposcelis*)

351: *Palmicola* Mockford. Gender: F. This genus name is feminine because it was originally treated as feminine by being combined with the specific name *solitaria* (see International Code of Zoological Nomenclature, Art. 30.1.4.2.).

351: *Palmicola solitaria*, this original spelling is the correct spelling.

639: Solowiow, P. 1925: pp. 270-272.

EDITORIAL

"Psocid News" publishes any kinds of topics (formal or informal) that may be interesting for psocidologists, but articles containing official nomenclatural acts (e.g. descriptions of new taxa, proposals of new combinations or new synonyms) will not be accepted for publication by the editor (see below).

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