



Title	Psocid News : The Psocidologists' Newsletter
Author(s)	Yoshizawa, Kazunori
Doc URL	<a href="http://hdl.handle.net/2115/35519">http://hdl.handle.net/2115/35519</a>
Type	other
Note	edited by Kazunori Yoshizawa at the Systematic Entomology, Faculty of Agriculture, Hokkaido University
Additional Information	There are other files related to this item in HUSCAP. Check the above URL.
File Information	015 PN_15.pdf (No. 15 (Feb. 28, 2013))



[Instructions for use](#)

# 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"

**Charles LIENHARD** (Geneva Natural History Museum, Switzerland)  
E-mail: [charleslienhard@bluewin.ch](mailto:charleslienhard@bluewin.ch)

#### 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](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](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 Compsopocidae; 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).  
*Syllisis* 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).  
*Prophaeropsocus californicus* Mockford, 2009. North America (III): Mockford, 2012 (biogeography).  
*Prophaeropsocus 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](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>

- Alexander, K. N. A. 2010. Psocoptera (barkflies). *Devonshire Association for the Advancement of Science, Literature and the Arts, Report and Transactions* 142: 347-348.
- Alexander, K. N. A. 2011a. Psocoptera (barkflies). *Devonshire Association for the Advancement of Science, Literature and the Arts, Report and Transactions* 143: 422-423.
- Alexander, K. N. A. 2011b. *Valenzuela atricornis* McLachlan (Psocoptera: Caeciliusidae) new to Leicestershire and the East Midlands. *Entomologist's Record and Journal of Variation* 123(1): 53.
- Arif, M., Ochoa-Corona, F. M., Opit, G. P., Li, Z.-H., Kucerova, Z., Stejskal, V. & Yang, Q.-Q. 2012. PCR and isothermal-based molecular identification of the stored-product psocid pest *Lepinotus reticulatus* (Psocoptera: Trogiidae). *Journal of Stored Products Research* 49: 184-188, 1 fig.
- Athanassiou, C. G., Phillips, T. W., Aikins, M. J., Hasan, M. M. & Throne, J. E. 2012. Effectiveness of sulfuryl fluoride for control of different life stages of stored-product psocids (Psocoptera). *Journal of Economic Entomology* 105(1): 282-287. **(Only abstract seen)**.
- Bacic, T., Trcak, B. & Jogan, N. 2010. Damage by pests in Herbarium LJU. *Acta Biologica Slovenica* 53(2): 13-21.
- Basset, Y., Cizek, L., Cuénoud, P., Didham, R. K., Guilhaumon, F., Missa, O., Novotny, V., Odegaard, F., Roslin, T., Schmidl, J., Tishechkin, A. K., Winchester, N. N., Roubik, D. W., Aberlenc, H.-P., Bail, J., Barrios, H., Bridle, J. R., Castaño-Meneses, G., Corbara, B., Curletti, G., Duarte da Rocha, W., De Bakker, D., Delabie, J. H. C., Dejean, A., Fagan, L. L., Floren, A., Kitching, R. L., Medianero, E., Miller, S. E., Gama de Oliveira, E., Orivel, J., Pollet, M., Rapp, M., Ribeiro, S. P., Roisin, Y., Schmidt, J. B., Sorensen, L. & Leponce, M. 2012. Arthropod diversity in a tropical forest. *Science* 338: 1481-1484, 3 figs. (Psoc.: Fig. 1A).
- Baz, A. 2003. Catalogo provisional de los Psocopteros de Andalucia (Insecta, Psocoptera). *Boletín de la Asociación Española de Entomología* 27: 13-39, 1 fig.
- Birkhofer, K. & Wolters, V. 2012. The global relationship between climate, net primary production and diet of spiders. *Global Ecology and Biogeography* 21(2): 100-108. **(Only abstract seen)**.
- Bonduriansky, R. 2001. The evolution of male mate choice in insects: a synthesis of ideas and evidence. *Biological Reviews* 76: 305-339. (Psoc.: p. 319).
- Borkhataria, R. R., Collazo, J. A. & Groom, M. J. 2012. Species abundance and potential biological control services in shade vs. sun coffee in Puerto Rico. *Agriculture Ecosystems & Environment* 151: 1-5. **(Only abstract seen)**.
- Britton, D. 2011b. Courtenay Smithers, 1925-2011. Online: <http://www.australianmuseum.net.au/courtenay-smithers>
- Britton, D. 2011c. Dr. Courtenay Neville Smithers 1925-2011. A tribute. *General and Applied Entomology* 40: 25-34, 1 photograph.
- Britton, D. R. 2012a. Courtenay Neville Smithers – His career in Australia. *Australian Entomologist* 39(4): 221-230, 5 figs.
- Britton, D. R. 2012b. List of patronymic taxa dedicated to Courtenay Smithers. *Australian Entomologist* 39(4): 238.
- Burns, A. E., Cunnigham, S. A. & Watson, D. M. 2011. Arthropod assemblages in tree canopies: a comparison of orders on box mistletoe (*Amyema miquelii*) and its host eucalypts. *Australian Journal of Entomology* 50(3): 221-230. **(Only abstract seen)**.
- Caldart, V. M., Iop, S., Bertaso, T. R. N. & Cechin, S. Z. 2012. Feeding ecology of *Crossodactylus schmidti* (Anura: Hylodidae) in Southern Brazil. *Zoological Studies* 51(4): 484-493. (Psoc.: pp. 487-488).
- Coots, C., Lambdin, P., Grant, J., Rhea, R. & Mockford, E. 2012a. Psocopteran species associated with eastern hemlock in the southern Appalachians. *Florida Entomologist* 95(1): 224-227.
- Coots, C., Lambdin, P., Grant, J., Rhea, R. & Mockford, E. 2012b. Vertical stratification and co-occurrence patterns of the Psocoptera community associated with eastern hemlock, *Tsuga canadensis* (L.) Carrière, in the southern Appalachians. *Forests* 2012(3): 127-136, 3 figs.
- Dou Wei, Tang Pei-An, Jiang Hong-Bo & Wang Jin-Jun 2010. Gene cloning of AChE and phylogenetic analysis in *Liposcelis decolor*. *Huanjing Kunchong Xuebao* 32(4): 460-468. **(Not seen)**.
- Entomological Society of Queensland 2012. Courtenay Neville Smithers, 29 August 1925 – 12 May 2011. Courtenay Smithers Memorial Issue. [Frontispiece and Preface]. *Australian Entomologist* 39(4): 209-210.
- García Aldrete, A. N. 2012a. Two new species of *Triplocania* from Veracruz, Mexico (Psocodea: 'Psocoptera': Ptiloneuridae). *Dugesiana* 18(2): 169-173, 14 figs.
- García Aldrete, A. N. 2012b. A new genus of Lachesillidae (Psocoptera) from the Peruvian Amazonia. *Zootaxa* 3303: 65-68, 4 figs.
- García Aldrete, A. N. 2012c. A new genus of Epipsocidae (Psocodea: 'Psocoptera'), from Valle del Cauca, Colombia, and a re-appraisal of *Goja* Navas, 1927. *Caldasia* 34(1): 247-256, 21 figs.

- Garcia Aldrete, A. N. & Mockford, E. L. 2012. Capitulo 30. Psocoptera (pp. 423-437, 55 figs). *In*: Rafael, J. A., Melo, G. A. R., de Carvalho, C. J. B., Casari, S. A. & Constantino, R. (eds). Insetos do Brasil. Diversidade e Taxonomia. *Holos, Editora. Riberão Preto, Brasil*. xiv + 796 pp. (Note: the PDF distributed by the authors has the following pagination: pp. 548-565).
- Garcia Aldrete, A. N., Gonzalez Obando, R. & Carrejo, N. S. 2012a. Four new species of *Hemicaecilius* Enderlein (Lachesillidae: Psocoptera) from Valle del Cauca, Colombia. *Zootaxa* 3455: 49-60, 42 figs.
- Garcia Aldrete, A. N., Mendivil Nieto, J. A. & Gonzalez Obando, R. 2012b. A pair of new sister species of *Loneura* (Psocodea, 'Psocoptera', Ptiloneuridae) from Valle del Cauca, Colombia, representing a new infrageneric group. *ZooKeys* 168: 65-76, 21 figs.
- Gautam, S. G., Opit, G. P. & Giles, K. L. 2012. Effects of constant temperatures on reproductive parameters of the psocid *Liposcelis rufa* (Psocoptera: Liposcelididae). *Entomology, Ornithology & Herpetology* S1: 002. doi:10.4172/2161-0983.S1-002. 7 pp., 3 figs.
- Golub, N. V. 2007. Fauna and biotopic preference of Psocoptera of ecosystems close to water of the Khopyorsky State Reserve and the Usman Forest (pp. 66-73). *In*: Golub, V. B., Goncharuk, V. M., Ivanov, V. D., Petrov, P. N., Prokin, A. A. & Silina, A. E. Questions of aquatic entomology of Russia and adjacent lands: Materials of the Third All-Russia Symposium on Amphibiotic and Aquatic Insects. *Publishing and Printing Center of Voronezh State University, Voronezh*, 409 pp.
- Gouveia, F. B. P., Barbosa, M. L. L. & Barrett, T. V. 2012. Arthropods associated with nests of *Cacicus* sp. and *Psarocolius* sp. (Passerida: Icteridae) in varzea forest near the meeting of the rivers Negro and Solimões (Central Amazonia, Brazil) at high water. *Journal of Natural History* 46: 979-1003. (Psoc.: pp. 986 and 991).
- Gunawardene, N. R., Taylor, C. K. & Majer, J. D. 2012. Revisiting the Psocoptera (Insecta) of Barrow Island, Western Australia. *Australian Entomologist* 39(4): 253-260, 6 figs.
- Ineichen, S., Klausnitzer, B. & Ruckstuhl, M. (eds) 2012. Stadtfauna: 600 Tierarten unserer Städte. *Haupt Verlag, Bern*, 434 pp. (Staubläuse: pp. 156-157, 2 figs).
- Jiang, H. B., Dou, W., Tang, P. A. & Wang, J. J. 2012. Transcription and induction profiles of three novel P450 genes in *Liposcelis bostrychophila* (Psocoptera: Liposcelididae). *Journal of Economic Entomology* 105(2): 560-572. **(Only abstract seen)**.
- Kanervo, J. 2011. Suomelle uusi kirjatäilaji *Liposcelis palatina* Roesler ja muita mielenkiintoisia havaintoja jäytiäisistä (Psocoptera). [*Liposcelis palatina*, a new psocid to Finland and other interesting notes of Psocoptera]. *Sahlbergia* 17.2: 42-45, 4 figs. (In Finnish, with English summary).
- Kucerova, Z., Li Zhi-Hong, Meng Qin & Stejskal, V. 2011. *Liposcelis bostrychophila* (Psocoptera: Liposcelididae) – a comparison of morphological and molecular identification. *Integrated Protection of Stored Products IOBC/wprs Bulletin* 69: 93-100, 4 figs.
- Kucerova, Z., Li Zhi-Hong, Kalinovic, I., Yang Qian-Qian, Hromadkova, J. & Lienhard, C. 2012. The external morphology of females, males and eggs of a *Liposcelis silvarum* (Insecta: Psocodea: Liposcelididae) strain with unusually developed compound eyes, visualised with scanning electron microscopy. *Italian Journal of Zoology* 79(3): 402-409, 5 figs.
- Li Yan-Hong, Luo Cheng-De, Yang Wan-Qin, Hu Jie & Wu Fu-Zhong 2011. Decomposition of eucalyptus-alder mixed litters and dynamics of soil faunal community. *Journal of Applied Ecology* 22(4): 851-856. (In Chinese). **(Only abstract seen)**.
- Li Zhihong, Kucerova, Z., Yang Qianqian & Stejskal, V. 2012. New record of stored product pest *Lepinotus reticulatus* (Psocoptera: Trogiidae) from China: Identification through scanning electron microscopy and DNA barcode. *African Journal of Biotechnology* 11(88): 15460-15464, 2 figs.
- Lienhard, C. 2012a. Additions and Corrections (Part 11) to Lienhard & Smithers, 2002: "Psocoptera (Insecta) - World Catalogue and Bibliography" (pp. 1-13). *In*: Yoshizawa, K. (ed.). Psocid News. The Psocidologists' Newsletter. No. 14 (Feb. 29, 2012). *Systematic Entomology, Faculty of Agriculture, Hokkaido University, Sapporo*, 14 pp.
- Lienhard, C. 2012b. Psocoptera (pp. 53-55, 1 fig.). *In*: Merz, B. (ed.). Liste annotée des insectes (Insecta) du canton de Genève. *Instrumenta Biodiversitatis* VIII: 1-532. Genève.
- Lienhard, C. 2012c. A new species of *Austropsocus* (Psocodea: 'Psocoptera': Pseudocaeciliidae) with a peculiar forewing venation from New Caledonia. *Revue suisse de Zoologie* 119(2): 161-167, 9 figs.
- Lienhard, C., Ferreira, R. L., Gnos, E., Hollier, J., Eggenberger, U. & Piuz, A. 2012. Microcrystals coating the wing membranes of a living insect (Psocoptera: Psyllipsocidae) from a Brazilian cave. *Scientific Reports* 2, 408 (8 figs); DOI:10.1038/srep00408.
- Liu Lu-Xi, Yoshizawa, K., Li Fa-Sheng, Liu Zhi-Qi 2012. A review of the genus *Neopsocopsis* (Psocodea, 'Psocoptera', Psocidae), with one new species from China. *ZooKeys* 203: 27-46, 6 figs.

- Liu Zhi Long, Zhao Na Na, Liu Chun Ming, Zhou Ligang & Du Shu Shan 2012. Identification of insecticidal constituents of the essential oil of *Curcuma wenyujin* rhizomes active against *Liposcelis bostrychophila* Badonnel. *Molecules* 2012, 17: 12049-12060.
- Mederos-Lopez, J. L. & Baz Ramos, A. 2012. Psocoptera de un bosque mixto mediterraneo del Parc Natural de la Serra de Collserola (Cataluña, España). *Orsis (Organismes i Sistemes)* 26: 227-233, 2 figs.
- Mockford, E. L. 2012. Aspects of the biogeography of North American Psocoptera (Insecta) (pp. 307-328, 1 fig.). In: Stevens, L. (ed.). *Global Advances in Biogeography. InTech, Rijeka & Shanghai*, 360 pp. Also online: <http://www.intechopen.com/books/global-advances-in-biogeography/aspects-of-the-biogeography-of-northamerican-psocoptera>
- Montserrat Larrosa, M. & Barrientos Alfageme, J. A. 1999. Aportació al coneixement dels psocopters d'una roureda del massís del Montseny (pp. 51-56, 7 figs). *III Trobada d'Estudiosos del Montseny. Monografies 27. Servei de Parcs Naturals. Diputació de Barcelona. Barcelona, June 1999.*
- Nel, A., Prokop, J., Nel, P., Grandcolas, P., Huang Di-Ying, Roques, P., Guilbert, E., Dostal, O. & Szwedlo, J. 2012. Traits and evolution of wing venation pattern in paraneopteran insects. *Journal of Morphology* 273: 480-506.
- New, T. R. 2012. Courtenay Neville Smithers: His scientific contributions to the 'small orders' of insects. *Australian Entomologist* 39(4): 231-237, 6 figs.
- Olson, C. A. & Beard, K. H. 2012. Diet of the introduced Greenhouse Frog in Hawaii. *Copeia* 2012 (1): 121-129. **(Only abstract seen)**.
- Opit, G. P., Arthur, F. H., Throne, J. E. & Payton, M. E. 2012. Susceptibility of stored-product psocids to aerosol insecticides. *Journal of Insect Science* 12: article no. 139. **(Only abstract seen)**.
- Peck, S. B. 2012. CDF checklist of Galapagos booklice and barklice. In: Bungartz, F., Herrera, H., Jaramillo, P., Tirado, N., Jimenez-Uzcategui, G., Ruiz, D., Guezou, A. & Ziemmeck, F. (eds). *Charles Darwin Foundation Galapagos Species Checklist. Charles Darwin Foundation, Puerto Ayora, Galapagos.* Online: <http://checklists.datazone.darwinfoundation.org/terrestrial-invertebrates/psocoptera/>. Last updated 22 June 2012.
- Penney, D. 2012. Biodiversity of fossils in amber from the major world deposits. *Mitteilungen der Deutschen Gesellschaft für allgemeine und angewandte Entomologie* 18: 615-622, 2 figs. (Psocodea: p. 620).
- Poinar, G. O. Jr. & Poinar, R. 1999. The amber forest: a reconstruction of a vanished world. *Princeton University Press, Princeton, New Jersey*, 239 pp. (List of Dominican Amber Psocoptera: p. 202).
- Scheven, J. 2004. Bernstein-Einschlüsse. Eine untergegangene Welt bezeugt die Schöpfung. Erinnerungen an die Welt vor der Sintflut. *Kuratorium Lebendige Vorwelt, Hofheim a. T.*, 160 pp. (Psoc.: pp. 9, 32-33, 116-118).
- Schneider, N., Zaenker, S. & Dorow, W. H. O. 2012. Staubläuse (Psocodea, 'Psocoptera') aus zoologischen Untersuchungen in Hessen und den angrenzenden Gebieten. *Hessische Faunistische Briefe* 31(1-2): 1-30, 6 figs.
- Silfverberg, H. 2012. Changes 2006-2010 in the list of Finnish insects. *Entomologica Fennica* 23: 18-41. (Psoc.: p. 19).
- Silva Neto, A. M. da & Garcia Aldrete, A. N. 2012. A new species of *Spurostigma* Eertmoed (Psocodea: 'Psocoptera': Spurostigmatidae) from Brazil. *Zootaxa* 3501: 83-87, 12 figs.
- Smithers, A. S. 2012. Courtenay Smithers – Before Australia. *Australian Entomologist* 39(4): 211-220, 5 figs.
- Solowiow, P. 1924d. Die Totenuhr – *Atropos pulsatoria* L. *Entomologische Zeitschrift*, Frankfurt a. M. 38(10/11): 21-22.
- Tamm, J. C. 1982. Das jahresperiodisch trockenliegende Eulitoral der Edertalsperre als Lebens- und Ersatzlebensraum – Eine Ökosystemstudie mit terrestrischem Schwerpunkt – Teil II: Die terrestrische Fauna. *Archiv für Hydrobiologie*, Supplementband 64, Heft 4: 484-553. (Psoc.: pp. 533-535).
- Thomas, H. 2011. *Myopsocus eatoni* McLachlan (Psocoptera, Myopsocidae). La boîte à bonnes bêtes no. 39. *Bulletin de la Société Linnéenne de Bordeaux* 146, (N. S.) no. 39(1): 50.
- Wang Juanjuan, Guo Dongquan, Fan Jialin, Chen Yuntang, Zhang Jianwei, Yang Baoan & Li Xuzhao 2012. Survival and reproduction of *Liposcelis paeta* (Pearman) (Psocoptera: Liposcelididae) when irradiated by electron beams. *Entomological Science* 15: 63-67.
- Wei, D. D., Yuan, M. L., Wang, B. J., Zhou, A. W., Dou, W. & Wang, J. J. 2012a. Population genetics of two asexually and sexually reproducing psocids species inferred by the analysis of mitochondrial and nuclear DNA sequences. *PLoS One*. 2012;7(3):e33883. Epub 2012 Mar 27. **(Only abstract seen)**.
- Wei, D. D., Shao, R., Yuan, M. L., Dou, W., Barker, S. C. & Wang, J. J. 2012b. The multipartite mitochondrial genome of *Liposcelis bostrychophila*: insights into the evolution of mitochondrial genomes in bilateral animals. *PLoS One*. 2012;7(3):e33973. Epub 2012 Mar 30. **(Only abstract seen)**.

- Willig, J. 2002. Natürliche Entwicklung von Wäldern nach Sturmwurf – 10 Jahre Forschung im Naturwaldreservat Weiherkopf. *Mitteilungen der Hessischen Landesforstverwaltung* 38: 1-185. (Psoc.: p. 3 of Appendix).
- Yang Qianqian, Kucerova, Z., Li Zhihong, Kalinovic, I., Stejskal, V., Opat, G. & Cao Yang. 2012. Diagnosis of *Liposcelis entomophila* (Insecta: Psocodea: Liposcelididae) based on morphological characteristics and DNA barcodes. *Journal of Stored Products Research* 48: 120-125, 3 figs.
- Yeates, D. K., Cameron, S. L. & Trautwein, M. 2012. A view from the edge of the forest: recent progress in understanding the relationships of the insect orders. *Australian Journal of Entomology* 51: 79-87.
- Yoshizawa, K. (ed.) 2012. Psocid News. The Psocidologists' Newsletter. No. 14 (Feb. 29, 2012). *Systematic Entomology, Faculty of Agriculture, Hokkaido University, Sapporo*, 14 pp.
- Yoshizawa, K. & Mockford, E. L. 2012. Redescription of *Symbiopsocus hastatus* Mockford (Psocodea: 'Psocoptera': Psocidae), with first description of female and comments on the genus. *Insecta Matsumurana*, New Series 68: 133-141, 3 figs.

## 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).

Psocid News (ISSN 1348-1770) is only distributed electronically and is available at PsocoNet Homepage <<http://www.psocodea.org>>, Hokkaido University Collection of Scholarly and Academic Papers (HUSCAP) <<http://hdl.handle.net/2115/35519>> and National Diet Library Homepage <<http://www.ndl.go.jp/en/>>.

**Disclaimer.** "Psocid News" is not a published work within the meaning of ICZN.

**Next issue.** About Feb. 2014. Please let me have all contributions by Jan. 31 2014.

**Editorial address.** Psocid News is edited by Kazunori Yoshizawa at the Systematic Entomology, Faculty of Agriculture, Hokkaido University, Sapporo, 060-8589 JAPAN.

Telephone: +81-11-706-2424

Facsimile: +81-11-706-4939

E-mail: [psocid@res.agr.hokudai.ac.jp](mailto:psocid@res.agr.hokudai.ac.jp)

Web page: <http://www.psocodea.org>