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# Psocid News

## The Psocidologists' Newsletter

No. 8 (Feb. 28, 2006)

### ANNOUNCEMENT OF THE THIRD INTERNATIONAL CONGRESS ON PHTHIRAPTERA

The Third International Congress on Phthiraptera (ICP3) will be held in Buenos Aires, Argentina from 16-20 October, 2006. Further information can be found at:

<http://icp3.phthiraptera.org/>

A number of workers on Psocoptera (Kevin Johnson, Kazunori Yoshizawa, Emilie Bess) are currently planning on attending this Congress. These meetings might provide a valuable opportunity for workers in Psocoptera to meet together in conjunction with the meeting, as well as provide more interaction with those working in Phthiraptera (Psocodea more broadly). Vince Smith is planning a workshop on taxonomic databases with a web interface in conjunction with the meeting, and the possibility exists that this workshop could also include databases for Psocoptera. Those who may be interested in attending ICP3 and also being part of meeting up with other Psocopterists should contact Kevin Johnson ([kjohnson@inhs.uiuc.edu](mailto:kjohnson@inhs.uiuc.edu)), who will assemble a list of interested parties and provide further correspondence regarding the overall level of interest among Psocopterists.

### ADDITIONS AND CORRECTIONS (PART 5) TO LIENHARD & SMITHERS, 2002: "PSOCOPTERA (INSECTA) - WORLD CATALOGUE AND BIBLIOGRAPHY"

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#### 1. Introduction

This is the fifth part of a series of "Additions and Corrections to the World Catalogue and Bibliography" published in "Psocid News" (Parts 1-4 in Psocid News no. 4-7). Please send me regularly copies of your papers on Psocoptera, and please inform me about all the errors you find in the 2002-book (= 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)". Please send me a copy of these papers if you feel concerned. Only papers which I have seen are analysed for the "Additions to the Catalogue", except those "(Not seen)" - papers where the matter they deal with is clearly indicated in the title or in the abstract. The other papers will be analysed in a future part of the "Additions to the Catalogue", as soon as a copy of them becomes available to me.

In general these "Additions" present the information in the style of the 2002-book, 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 the 2002-book, except for changes published since (see "Additions", Parts 1-5). For each family newly published changes concerning supra-generic taxa are mentioned at the beginning of the family treatment, except for Psocidae, where subfamilies are treated separately. For genus-group names and species-group names already mentioned in the 2002-book only the author is cited, 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 mentioned in the 2002-Catalogue, but cited in a preceding part of the "Additions", author and year are mentioned [the complete reference can be found in the Part of the "Additions", where the name has been cited for the first time (= first entry of a new name)]. Genera are listed alphabetically within each family, except for Psocidae, where they are grouped according to subfamilies. Species are listed alphabetically within each genus. Species names are usually cited in the combination used in the 2002-book, if not an explicit change of combination (or a new synonymy) has been published since. Country names (in the "Additions to the Catalogue") and author names (in the "Additions to the Bibliography") are not printed in small capitals, as in the 2002-book, but in normal letters. The "Corrections" refer to the pages of the 2002-book 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).

Complete bibliographical references to publications cited in the present paper, which are not listed in Chapter 4 (Additions to the Bibliography), can be found in the World Bibliography (Lienhard & Smithers, 2002: 493-664) or in Parts 1 to 4 of the "Additions" (Psocid News, no. 4, 5, 6, 7).

## 2. List of countries mentioned in the "Additions and Corrections to the World Catalogue" (Parts 1-5)

Country checklists of Psocoptera species extracted from the 2002-World Catalogue are available at: <http://www.ville-ge.ch/musinfo/mhng/page-e/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 5 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 recorded 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 on the PsocoNet Homepage: <http://insect3.agr.hokudai.ac.jp/psoco-web/psoco-net/index.html>

Part 1: published in Psocid News, no. 4: 2-24

Part 2: published in Psocid News, no. 5: 2-37

Part 3: published in Psocid News, no. 6: 1-23

Part 4: published in Psocid News, no. 7: 1-16

Part 5: published in Psocid News, no. 8 (= present issue)

**(I)** Austria (Parts 1, 3, 4, 5), Belgium (Part 3), Czech Republic (Parts 1, 4, 5), Finland (Part 1), France (Parts 1, 3, 4), Germany (Parts 1, 3, 4, 5), Great Britain (Parts 1, 3, 4, 5), Greece (Part 5), Hungary (Parts 1, 3), Israel (Part 4), Italy (Parts 1, 3, 5), Luxembourg (Parts 1, 3), Netherlands (Part 4), Norway (Part 4), Slovakia (Part 1), Spain (Parts 1, 5), Switzerland (Parts 1, 3, 4), Turkey (Part 5), Yemen (Part 4)

**(II)** Azores (Part 5), Canary Islands (Parts 1, 4, 5), Cape Verde Islands (Part 5), Gough Island (Part 5), Madeira (Part 5), Saint Helena (Part 5), Selvagens Islands (Part 1)

**(III)** Canada (Part 4), USA (Parts 1, 4, 5)

**(IV)** Belize (Parts 1, 4), Costa Rica (Part 1), Dominica (Part 5), Dominican Republic (Part 4), Guatemala (Parts 1, 4), Haiti (Parts 1, 4), Mexico (Parts 1, 3, 4, 5), Nicaragua (Parts 1, 3, 4), Panama (Part 4), Puerto Rico (Part 1), Trinidad (Part 1)

**(V)** Argentina (Parts 3, 4), Bolivia (Parts 1, 5), Brazil (Parts 1, 4, 5), Chile (Parts 1, 4), Colombia (Part 1), Ecuador (Part 1), Peru (Parts 1, 5), Venezuela (Parts 1, 4)

**(VI)** Ghana (Part 4), Guinea (Part 1), Kenya (Part 4), Madagascar (Part 5), Malawi (Part 3), Namibia (Part 1), South Africa (Part 3), Tanzania (Parts 3, 4)

**(VIII)** Brunei (Part 5), China (Parts 2, 3, 5), Hong Kong (Part 5), India (Parts 3, 5), Indonesia (Parts 1, 3, 5), Japan (Parts 1, 4), Kuril Islands (Part 4), Kyrgyzstan (Part 5), Laos (Part 5), Malaysia (Parts 1, 5), New Guinea (Parts 3, 5), Philippines (Parts 3, 5), Russia (Part 1), Singapore (Part 5), Sri Lanka (Part 4), Taiwan (Part 1), Thailand (Parts 1, 4, 5), USSR (Part 4), Vietnam (Parts 4, 5)

**(IX)** Australia (Parts 1, 4, 5), Lord Howe Island (Part 4), New Zealand (Parts 1, 4)

**(X)** Galapagos (Part 5)

**(A)** Amber and Copal (or other fossils) (Parts 1, 3, 5)

## 3. Additions to the Catalogue

### Psocoptera

Bonanni, 1691 (one of the oldest psocid records). Rasnitsyn, 2002 (palaeontology, order Psocida, some of the fossils mentioned do not belong to Psocoptera in the modern restricted sense). Golub, 2003 (anat., review of male and female reproductive systems). Hurtado Guerrero *et al.*, 2003 (phenol.). Klausnitzer, 2003 (species number of psocids known from Germany). Mody *et al.*, 2003 (ecol.). Gunn, 2004 (cave fauna). Nicoli Aldini, 2004 (on the oldest psocid records, with facsimile reproduction of original figures: Blankaart, 1688; Bonanni, 1691; Derham, 1704; Frisch, 1734). Broadhead, 2004 (autobiographical account, with photograph on p. 37). Garcia Aldrete *et al.* (eds), 2004 (commemorative volume for I.W.B. Thornton, with several photographs of I.W.B. Thornton and other psocidologists). Jell, 2004 (palaeontology, Australia; treating no fossils belonging to Psocoptera in the modern restricted sense, but Psocidiidae and Zygopsocidae). Koponen, 2004 (traps on branches). Mockford, 2004b (book review of Lienhard & Smithers 2002). Nel *et al.*, 2004a (Eocene amber fossils). New & Smithers, 2004 (biographical notes on I.W.B. Thornton, with list of publications). Schmidt & New, 2004 (biogeography, Tasmania). Thornton, 2004 (book review of Lienhard & Smithers 2002). Borges *et al.*, 2005 (biogeography Azores). Grimaldi & Engel, 2005 (palaeont., phylog.). Lienhard, 2005a (additions and corrections to the World Catalogue). Moulds, 2005 (cave psocids, predators, Australia). New *et al.*, 2005 (biography of I.W.B. Thornton, with list of publications). Silfverberg, 2005 (biography of Martin Meinander, with list of publications). Yoshizawa, 2005a (newsletter). Yoshizawa & Johnson, 2005 (several psocids mentioned in phylogenetic analysis).

Psocoptera incertae sedis:

**Miotroctes** Pierce, 1960. Nel, De Ploeg & Azar, 2004: 34 (systematic position within Psocoptera discussed, transferred from Liposcelididae to Psocoptera incertae sedis).

**Miotroctes** Pierce, 1960: 46. Gender: M. Type species: *Miotroctes rousei* Pierce. NOTE: This genus, not listed by Lienhard & Smithers (2002), was initially described in Liposcelididae.

**Miotroctes rousei** Pierce, 1960. Nel, De Ploeg & Azar, 2004: 34 (discussion). Barstow Formation, Miocene (Tertiary), California (A).  
**Miotroctes rousei** Pierce, 1960: 46. Miocene (Tertiary) nodules from Calico Mountains, Southern California (A). NOTE: Species is not listed by Lienhard & Smithers (2002).

### Trogiomorpha (infraorder)

Phylogenetic analysis: Perrichot *et al.*, 2003: 681.

Trogiomorpha incertae familiae:

**Bcharreglaris**\*\* Azar & Nel, 2004: 185. Gender: F. Type species: *Bcharreglaris amunobi* Azar & Nel. Trogiomorpha incertae sedis (Prionoglarididae or Archaeatropidae?).

**Bcharreglaris amunobi**\* Azar & Nel, 2004: 185. Lower Cretaceous amber, Lebanon (A).

**Libanoglaris**\*\* Azar, Perrichot, Néraudeau & Nel, *in:* Perrichot *et al.*, 2003: 676. Gender: F. Type species: *Libanoglaris mouawadi* Azar, Perrichot, Néraudeau & Nel. Trogiomorpha incertae sedis (Prionoglarididae or Archaeatropidae?).

**Libanoglaris chehabi**\* Azar & Nel, 2004: 189. Lower Cretaceous amber, Lebanon (A).

**Libanoglaris mouawadi**\* Azar, Perrichot, Néraudeau & Nel, *in:* Perrichot *et al.*, 2003: 677. Early Cretaceous amber, Lebanon (A).

**Libanoglaris randatae**\* Azar & Nel, 2004: 187. Lower Cretaceous amber, Lebanon (A).

**Parapsyllipsocus**\*\* Perrichot, Azar, Néraudeau & Nel, 2003: 674. Gender: M. Type species: *Parapsyllipsocus vergereaui* Perrichot, Azar, Néraudeau & Nel. Trogiomorpha incertae sedis (Psyllipsocidae?).

**Parapsyllipsocus vergereaui**\* Perrichot, Azar, Néraudeau & Nel, 2003: 674. Early Cretaceous amber, France (A).

**Propriognularis**\*\* Perrichot, Azar, Néraudeau & Nel, 2003: 670. Gender: F. Type species: *Propriognularis guyoti* Perrichot, Azar, Néraudeau & Nel. Trogiomorpha incertae sedis (Prionoglarididae or Archaeatropidae?).

**Propriognularis guyoti**\* Perrichot, Azar, Néraudeau & Nel, 2003: 670. Early Cretaceous amber, France (A).

**Prospeleketor**\*\* Perrichot, Azar, Néraudeau & Nel, 2003: 672. Gender: M. Type species: *Prospeleketor albianensis* Perrichot, Azar, Néraudeau & Nel. Trogiomorpha incertae sedis (Prionoglarididae or Archaeatropidae?).

**Prospeleketor albianensis**\* Perrichot, Azar, Néraudeau & Nel, 2003: 672. Early Cretaceous amber, France (A).

**Setoglaris**\*\* Azar & Nel, 2004: 190. Gender: F. Type species: *Setoglaris reemae* Azar & Nel. Trogiomorpha incertae sedis (Prionoglarididae or Archaeatropidae?).

**Setoglaris reemae**\* Azar & Nel, 2004: 190. Lower Cretaceous amber, Lebanon (A).

### Lepidopsocidae

Revised diagnosis of family Lepidopsocidae: Mockford, 2005b: 202.

Parasoinae (definition of new subfamily): Mockford, 2005b: 208.

Perientominae (revised diagnosis of subfamily): Mockford, 2005b: 203.

Perientominae (key to genera): Mockford, 2005b: 210.

**Echmepteryx** spec. USA (III): Frank *et al.*, 2004.

**Echmepteryx aperta** Thornton & Woo. Galapagos (X): Peck, 2001.

**Echmepteryx lunulata** Thornton, Lee & Chui. Galapagos (X): Peck, 2001.

**Echmepteryx madagascariensis** (Kolbe). USA (III): Frank *et al.*, 2004. Galapagos (X): Peck, 2001.

**Illepidopsocus** Li Fasheng. Diagnosis: Mockford, 2005b: 205 (placement in Perientominae confirmed, could be a synonym of *Lepium* Enderlein).

**Lepidopsocus maculatus** Thornton, Lee & Chui. Galapagos (X): Peck, 2001.

**Lepium** Enderlein. Diagnosis: Mockford, 2005b: 205 (placement in Perientominae confirmed, apparently very close to *Perientomum* Hagen).

**Neolepidopsocus** Li Fasheng. Diagnosis: Mockford, 2005b: 206 (placement in Perientominae confirmed, could be a synonym of *Perientomum* Hagen).

**Nepticulomima** Enderlein. Diagnosis: Mockford, 2005b: 206 (placement in Perientominae confirmed, separation from *Proentomum* Badonnel discussed).

**Nepticulomima** spec. USA (III): Frank *et al.*, 2004.

**Nepticulomima cavagnaroi** Thornton & Woo. Galapagos (X): Peck, 2001.

**Notolepium** Enderlein. Diagnosis: Mockford, 2005b: 207 (placement in Perientominae doubtful, should probably be placed in Thylacellinae).

**Papuapsocus**\*\* Mockford, 2005b: 203 (assigned to Perientominae). Gender: M. Type species: *Papuapsocus caudatus* Mockford.

**Papuapsocus caudatus**\* Mockford, 2005b: 204. Papua New Guinea (VIII).

**Parasoa** Thornton. Assigned to new subfamily Parasoinae: Mockford, 2005b: 208.

**Perientomum** Hagen. Diagnosis: Mockford, 2005b: 208 (*Neolepidopsocus* Li Fasheng could be a synonym of *Perientomum*).

**Perientomum griseifrons** New. Probably not belonging to *Perientomum*: Mockford, 2005b: 208.

**Perientomum notatum** New. Probably not belonging to *Perientomum*: Mockford, 2005b: 208.

**Proentomum** Badonnel. Diagnosis: Mockford, 2005b: 209 (genus closely related to *Nepticulomima*).

**Proentomum pulvillatum** (New). Mockford, 2005b: 207 (**from** *Nepticulomima*).

**Proentomum saltuarium** (Smithers). Mockford, 2005b: 207 (**from** *Nepticulomima*).

**Proentomum scottianum** (Enderlein). Mockford, 2005b: 207 (**from** *Nepticulomima*).

**Pseudothylacus** Li Fasheng, 2002a. Diagnosis: Mockford, 2005b: 209 (placement in Perientominae confirmed, genus close to *Lepium*).

**Soa** Enderlein. Diagnosis: Mockford, 2005b: 210 (placement in Perientominae confirmed).

**Soa reticulata** Thornton & Woo. Galapagos (X): Peck, 2001.

**Thylacella brasiliensis** (New). Mockford, 2005b: 207 (tentatively assigned to *Thylacella*, from *Notolepium*).

### Trogiidae

Rasnitsyn, 2002: photograph (Fig. 165) of an undescribed fossil specimen of the family Trogiidae from Baltic amber (Tertiary: Late Eocene) (A).

**Cerobasis annulata** (Hagen). Azores (II): Baz & Borges, 2005. Gough Island (II): Jones *et al.*, 2003. Anat.: Golub, 2003.

**Cerobasis caboverdensis** Lienhard. Cape Verde Islands (II): Lienhard & Garcia, 2005.

**Cerobasis canariensis** (Enderlein). Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis denticulata** Lienhard. Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis ericacea** Baz. Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis guestfalica** (Kolbe). Germany (I): Prinzing, 2005 (ecol.). Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Gough Island (II): Jones *et al.*, 2003 (length of forewing rudiments highly variable, some specimens completely apterous; material identified by C. Lienhard). USA (III): Frank *et al.*, 2004. Anat.: Golub, 2003.

**Cerobasis harteni** Lienhard. Azores (II): Baz & Borges, 2005. Cape Verde Islands (II): Lienhard & Garcia, 2005.

**Cerobasis insularis** Lienhard. Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis intermedia** Lienhard. Cape Verde Islands (II): Lienhard & Garcia, 2005.

**Cerobasis lambda** Thornton & Woo. Galapagos (X): Peck, 2001.

**Cerobasis longicornis** Baz. Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis pineticola** Baz. Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis recta** Thornton & Woo. Galapagos (X): Peck, 2001.

**Cerobasis rosae** Baz. Canary Islands (II): Baz & Zurita, 2004.

**Cerobasis treptica** Thornton & Woo. Galapagos (X): Peck, 2001.

**Helenatropos\*\*** Lienhard, 2005c: 690. Gender: F. Type species: *Helenatropos abrupta* Lienhard.

**Helenatropos abrupta\*** Lienhard, 2005c: 691. Saint Helena (II).

**Lepinotus inquilinus** Heyden. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Gough Island (II): Jones *et al.*, 2003. Anat.: Golub, 2003.

**Lepinotus patruelis** Pearman. Great Britain (I): Saville *et al.*, 2005. Anat.: Golub, 2003.

**Lepinotus reticulatus** Enderlein. Spain (I): Pascual-Villalobos *et al.*, 2005. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004.

**Lepinotus vermicularis** Lienhard. Canary Islands (II): Baz & Zurita, 2004.

**Trogium pulsatorium** (Linnaeus). Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Anat.: Golub, 2003.

### Psoquillidae

**Psoquilla marginepunctata** Hagen. Azores (II): Baz & Borges, 2005. Galapagos (X): Peck, 2001. Anat.: Golub, 2003.

**Rhyopsocus orthatus** Thornton & Woo. Galapagos (X): Peck, 2001.

**Rhyopsocus rafaeli\*** Garcia Aldrete, 2004e: 304. Brazil (V).

### Psyllipsocidae

**Dorypteryx domestica** (Smithers). Canary Islands (II): Baz & Zurita, 2004.

**Psocathropos** spec. Anat.: Golub, 2003.

**Psocathropos lachlani** Ribaga. Canary Islands (II): Baz & Zurita, 2004.

**Psyllipsocus ramburii** Selys-Longchamps. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Gough Island (II): Jones *et al.*, 2003.

### Prionoglarididae

Prionoglarididae in amber from Lebanon (Cretaceous) (A): Grimaldi & Engel, 2005 (photograph).

### Proctoopsisidae

Key to genera: Lienhard, 2005b: 347.

**Chelyopsocus garganicus** Lienhard. Morph.: Lienhard, 2005b (fig. and colour photograph).

**Philedaphia aphrodite** Lienhard. Morph.: Lienhard, 2005b (fig. and colour photograph).

**Proctoopsisocus enigmaticus** Mockford. Mexico (IV): Lienhard, 2005b (figs).

**Reticulopsocus\*\*** Lienhard, 2005b: 335. Gender: M. Type species: *Reticulopsocus besucheti* Lienhard.

**Reticulopsocus besucheti\*** Lienhard, 2005b: 338. Turkey (I).

### Amphientomidae

**Nephax fortunatus** (Navas). Canary Islands (II): Baz & Zurita, 2004. Cape Verde Islands (II): Lienhard & Garcia,

2005.

*Seopsis* spec. Anat.: Golub, 2003.

*Seopsis longisquama* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Seopsis magna* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Seopsis qinlingensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Stimulopalpus erromerus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Stimulopalpus peltatus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

### Liposcelididae

Liposcelididae in Burmese amber (Cretaceous) (A): Grimaldi & Engel, 2005 (photograph).

*Belaphotroctes ghesquierei* Badonnel. Canary Islands (II): Baz & Zurita, 2004. Chiapas amber (Tertiary), Mexico (A): Nel, De Ploeg & Azar, 2004 (as *B. similis*).

*Embidopsocus eocenicus*\* Nel, De Ploeg & Azar, 2004: 31. Lowermost Eocene amber (Tertiary), France (A).

*Embidopsocus pauliani* Badonnel. Galapagos (X): Peck, 2001.

*Embidopsocus saxonicus* Günther. Upper Eocene or Miocene amber (Tertiary), Germany (A): Nel, De Ploeg & Azar, 2004.

*Embidopsocus thorntoni* Badonnel. Galapagos (X): Peck, 2001.

*Liposcelis* spec. USA (III): Frank *et al.*, 2004. Chiapas amber (Tertiary), Mexico (A): Nel, De Ploeg & Azar, 2004. Anat.: Golub, 2003. Morph.: Grimaldi & Engel, 2005 (photographs).

*Liposcelis albothoracica* Broadhead. Cape Verde Islands (II): Lienhard & Garcia, 2005.

*Liposcelis atavus* Enderlein. Baltic amber (Tertiary) (A): Nel, De Ploeg & Azar, 2004.

*Liposcelis ayosae* Lienhard. Canary Islands (II): Baz & Zurita, 2004.

*Liposcelis bostrychophila* Badonnel. Great Britain (I): Ali, 2003 (size and colour, interpopulation variability); Saville *et al.*, 2005. Spain (I): Riudavets *et al.*, 2002; Pascual-Villalobos *et al.*, 2005. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Cape Verde Islands (II): Lienhard & Garcia, 2005. Gough Island (II): Jones *et al.*, 2003. Australia (IX): Mikac, 2003 (pest, molecular genetics); Nayak *et al.*, 2005 (control). Anat.: Golub, 2003. Biol.: Green & Turner, 2005 (food choice). Ethol.: Green, 2005 (substrate selection). Physiology, pest control: Tao Hui-ying *et al.*, 2003; Zhang Yong-qiang *et al.*, 2003; Cheng *et al.*, 2004.

*Liposcelis brunnea* Motschulsky. Canary Islands (II): Baz & Zurita, 2004.

*Liposcelis canariensis* Lienhard. Canary Islands (II): Baz & Zurita, 2004.

*Liposcelis corrodens* (Heymons). Azores (II): Baz & Borges, 2005.

*Liposcelis decolor* (Pearman). Canary Islands (II): Baz & Zurita, 2004. Cape Verde Islands (II): Lienhard & Garcia, 2005. Gough Island (II): Jones *et al.*, 2003. Kyrgyzstan (VIII): Mockford, 2005a. Australia (IX): Mikac, 2003 (pest, molecular genetics); Nayak *et al.*, 2005 (control). Ecol.: Kucerova, 2004 (mite as predator).

*Liposcelis divinatoria* (Müller). Anat.: Golub, 2003.

*Liposcelis entomophila* (Enderlein). Spain (I): Pascual-Villalobos *et al.*, 2005. Azores (II): Baz & Borges, 2005. Cape Verde Islands (II): Lienhard & Garcia, 2005. Australia (IX): Mikac, 2003 (pest, molecular genetics); Nayak *et al.*, 2005 (control). Galapagos (X): Peck, 2001. Physiology, pest control: Cheng *et al.*, 2004.

*Liposcelis mendax* Pearman. Spain (I): Pascual-Villalobos *et al.*, 2005. Canary Islands (II): Baz & Zurita, 2004.

*Liposcelis minuta* Badonnel. Cape Verde Islands (II): Lienhard & Garcia, 2005.

*Liposcelis ornata* Mockford. USA (III): Frank *et al.*, 2004.

*Liposcelis paeta* Pearman. Spain (I): Pascual-Villalobos *et al.*, 2005. Australia (IX): Nayak *et al.*, 2005 (control).

*Liposcelis paetula* Broadhead. Canary Islands (II): Baz & Zurita, 2004. Cape Verde Islands (II): Lienhard & Garcia, 2005.

*Liposcelis pubescens* Broadhead. Azores (II): Baz & Borges, 2005. Gough Island (II): Jones *et al.*, 2003.

*Liposcelis resinata* (Hagen). Copal (Pleistocene?) (A): Nel, De Ploeg & Azar, 2004.

*Liposcelis rufa* Broadhead. Canary Islands (II): Baz & Zurita, 2004.

*Liposcelis rugosa* Badonnel. Canary Islands (II): Baz & Zurita, 2004.

*Liposcelis silvarum* (Kolbe). Canary Islands (II): Baz & Zurita, 2004.

### Pachytroctidae

Thoracotroctinae (definition of new subfamily): Lienhard, 2005c: 695.

Key to subfamilies: Lienhard, 2005c: 695.

*Nanopsocus oceanicus* Pearman. Canary Islands (II): Baz & Zurita, 2004.

*Nymphotroctes denisi* Badonnel. Description of macropterous female: Lienhard & Baz, 2004; Italy (I), Canary Islands (II). Canary Islands (II): Baz & Zurita, 2004.

*Pachytroctes achrostus* Thornton & Woo. Galapagos (X): Peck, 2001.

*Tapinella* spec. Anat.: Golub, 2003.

*Tapinella francesca* Thornton & Woo. Galapagos (X): Peck, 2001.

*Tapinella stenomedia* Thornton & Woo. Galapagos (X): Peck, 2001.

*Thoracotroctes*\*\* Lienhard, 2005c: 696. Gender: M. Type species: *Thoracotroctes spinifer* Lienhard.

*Thoracotroctes spinifer*\* Lienhard, 2005c: 697. Madagascar (VI).

### Sphaeropsocidae

Rasnitsyn, 2002: photograph (Fig. 164) of an undescribed fossil specimen of the family Sphaeropsocidae from Late

Cretaceous fossil resin in Siberia (A).

*Sphaeropsocus kuenowii* Hagen. Baltic amber (Tertiary) (A): Weitschat & Wichard, 2002 (Figs: drawing and colour photographs).

#### Epipsocidae

*Beritkaavia lucifuga* (Rambur). Azores (II): Baz & Borges, 2005. Anat.: Golub, 2003.

*Epipsocus avus* (Roesler). Baltic amber (Tertiary) (A): Weitschat & Wichard, 2002 (as *Epipsocus ciliatus*) (Figs: colour photographs).

*Ianthorntonia*\*\* Garcia Aldrete, 2004g: 100. Gender: F. Type species: *Ianthorntonia annae* Garcia Aldrete.

*Ianthorntonia annae*\* Garcia Aldrete, 2004g: 100. Bolivia (V).

*Ianthorntonia aspera*\* Garcia Aldrete, 2004g: 102. Bolivia (V).

*Ianthorntonia loisae*\* Garcia Aldrete, 2004g: 104. Bolivia (V).

*Ianthorntonia marshalli*\* Garcia Aldrete, 2004g: 105. Bolivia (V).

*Ianthorntonia obrienorum*\* Garcia Aldrete, 2004g: 107. Bolivia (V).

*Incapsocus*\*\* Garcia Aldrete, 2005b: 52. Gender: M. Type species: *Incapsocus penai* Garcia Aldrete.

*Incapsocus penai*\* Garcia Aldrete, 2005b: 53. Peru (V).

*Mesepipsocus campanulatus* (Thornton & Woo). Galapagos (X): Peck, 2001.

*Mesepipsocus niger* (New). USA (III): Frank *et al.*, 2004.

*Papillopsocus*\*\* Garcia Aldrete, 2005b: 54. Gender: M. Type species: *Papillopsocus oriximinaensis* Garcia Aldrete.

*Papillopsocus oriximinaensis*\* Garcia Aldrete, 2005b: 55. Brazil (V).

*Rogojella*\*\* Garcia Aldrete, 2004f: 218. Gender: F. Type species: *Rogojella mariateresae* Garcia Aldrete.

*Rogojella mariateresae*\* Garcia Aldrete, 2004f: 218. Bolivia (V).

*Terryerwinia*\*\* Garcia Aldrete, 2005b: 57. Gender: F. Type species: *Terryerwinia acutiphallica* Garcia Aldrete.

*Terryerwinia acutiphallica*\* Garcia Aldrete, 2005b: 57. Peru (V).

#### Ptiloneuridae

*Loneura maracaensis*\* Garcia Aldrete, 2004e: 306. Brazil (V).

*Willreevesia*\*\* Garcia Aldrete, 2005a: 267. Gender: F. Type species: *Willreevesia dominica* Garcia Aldrete.

*Willreevesia dominica*\* Garcia Aldrete, 2005a: 268. Dominica (IV).

#### Asiopsocidae

*Asiopsocus* Günther. Key to species: Mockford, 2005a: 632.

*Asiopsocus mongolicus* Günther. Kyrgyzstan (VIII): Mockford, 2005a (characters separating *A. mongolicus* from *A. meridionalis* Lienhard discussed).

*Asiopsocus spinosus*\* Mockford, 2005a: 630. Kyrgyzstan (VIII).

#### Caeciliusidae

Rasnitsyn, 2002: photograph (Fig. 166) of a fossil specimen of the family Caeciliusidae from Baltic amber (Tertiary) (A).

*Anoculatacaeca chuanshaanica* Li Fasheng. China (VIII): Li Fasheng, 2005.

*Aphyopsocus prolixus* Smithers. Australia (IX): Smithers, 2005a.

*Asiocaecilius singaporenensis* (Enderlein). Anat.: Golub, 2003.

*Caecilius* spec. Anat.: Golub, 2003.

*Caecilius brunneistigmus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius divulgatus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius fuscopterus* (Latreille). Anat.: Golub, 2003.

*Caecilius hylophilus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius jinganicus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius latissimus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius lazikoensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005 (as *C. lazikoensis*, incorrect subsequent spelling).

*Caecilius longiantennus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius longiglobis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius persimilis* (Thornton & Wong). China (VIII): Li Fasheng, 2005.

*Caecilius qinlingensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius sagittalis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Caecilius zhangliangi* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Dypsocus* spec. Anat.: Golub, 2003.

*Enderleinella obsoleta* (Stephens). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003.

*Epicaecilius pilipennis* (Lienhard). Great Britain (I): Saville, 2004b; Saville *et al.*, 2005.

*Lienhardiella dahli* (Badonnel). Description of macropterous female: Lienhard & Baz, 2004; Canary Islands (II). Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004.

*Maoripsocus concavistigma* (Schmidt & Thornton). Australia (IX): Smithers, 2005a.

*Maoripsocus dimorphus* (Smithers). Australia (IX): Smithers, 2005a.

*Maoripsocus tugloensis* (Smithers). Australia (IX): Smithers, 2005a.

- Maoripsocus wilsoni* (Schmidt & Thornton). Australia (IX): Smithers, 2005a.  
*Paracaecilius* spec. Anat.: Golub, 2003.  
*Paracaecilius lemuris* Smithers. Australia (IX): Smithers, 2005a.  
*Stenocaecilius antillanus* (Banks). Galapagos (X): Peck, 2001.  
*Stenocaecilius caboverdensis* (Meinander). Azores (II): Baz & Borges, 2005. Cape Verde Islands (II): Lienhard & Garcia, 2005 (erroneously considered as endemic of the Cape Verde Islands).  
*Stenocaecilius casarum* (Badonnel). Anat.: Golub, 2003.  
*Stenocaecilius insularum* (Mockford). Galapagos (X): Peck, 2001.  
*Valenzuela burmeisteri* (Brauer). Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Anat.: Golub, 2003.  
*Valenzuela despaxi* (Badonnel). Czech Republic (I): Mückstein & Holusa, 2003.  
*Valenzuela distinctus* (Mockford). Galapagos (X): Peck, 2001.  
*Valenzuela flavidus* (Stephens). Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Anat.: Golub, 2003.  
*Valenzuela fortunatus* (Enderlein). Canary Islands (II): Baz & Zurita, 2004.  
*Valenzuela gynapterus* (Tetens). Anat.: Golub, 2003.  
*Valenzuela indicator* (Mockford). USA (III): Frank *et al.*, 2004.  
*Valenzuela mueggenburgi* (Enderlein). Anat.: Golub, 2003.  
*Valenzuela piceus* (Kolbe). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003.  
*Valenzuela plagioerythrinus* (Li Fasheng). China (VIII): Li Fasheng, 2005.  
*Valenzuela pteridii* (Smithers). Australia (IX): Smithers, 2005a.

#### Stenopsocidae

- Graphopsocus* spec. Anat.: Golub, 2003.  
*Graphopsocus cruciatus* (Linnaeus). Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b. Canary Islands (II): Baz & Zurita, 2004. Kyrgyzstan (VIII): Mockford, 2005a. Anat.: Golub, 2003.  
*Graphopsocus panduratus* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Graphopsocus shaanxiensis* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Graphopsocus sinuolatus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Stenopsocus* spec. Anat.: Golub, 2003.  
*Stenopsocus aphidiformis* Enderlein. Anat.: Golub, 2003. Chrom.: Golub, 2004.  
*Stenopsocus bellatulus* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Stenopsocus biconicus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Stenopsocus brachycladus* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Stenopsocus brachyodicerus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Stenopsocus brevivalvaris* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Stenopsocus coronatus* (Li Fasheng, 2002a) China (VIII): Li Fasheng, 2005 (as *Cubipilis coronatus*; using an incorrect subsequent spelling of the genus name: *Cubipilis*). NOTE: According to Mockford (2003c) *Cubipilis* is a junior synonym of *Stenopsocus*.  
*Stenopsocus flavifrons* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Stenopsocus frontalis* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Stenopsocus gannanensis* (Li Fasheng, 2002a). China (VIII): Li Fasheng, 2005 (as *Cubipilis gannanensis*). NOTE: According to Mockford (2003c) *Cubipilis* is a junior synonym of *Stenopsocus*.  
*Stenopsocus immaculatus* (Stephens). Anat.: Golub, 2003.  
*Stenopsocus lachlani* Kolbe. Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003.  
*Stenopsocus macrocheirus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Stenopsocus radimaculatus* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Stenopsocus stigmaticus* (Imhoff & Labram). Anat.: Golub, 2003.  
*Stenopsocus thermophilus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Stenopsocus zonatus* Li Fasheng. China (VIII): Li Fasheng, 2005.

#### Amphipsocidae

- Amphipsocus japonicus* (Enderlein). Chrom.: Golub *et al.*, 2004.  
*Kolbia quisquiliarum* Bertkau. Great Britain (I): Saville *et al.*, 2005. Anat.: Golub, 2003.  
*Pseudokolbea phaea* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Pseudokolbea xuthosticta* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Siniamphipsocus bilinearis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Siniamphipsocus pertenius* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Taeniostrongylus tricinctae* Smithers. Australia (IX): Smithers, 2005a.

#### Lachesillidae

- Ceratolachesillus quinquecornus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005 (as *Ceratolachesilla quinquecornia*, incorrect subsequent spelling).  
*Lachesilla* spec. Anat.: Golub, 2003.  
*Lachesilla aethiopica* (Enderlein). Galapagos (X): Peck, 2001.

- Lachesilla ariasi*\* Garcia Aldrete, 2004e: 310. Brazil (V).
- Lachesilla bernardi* Badonnel. Kyrgyzstan (VIII): Mockford, 2005a.
- Lachesilla castroi* Thornton & Woo. Galapagos (X): Peck, 2001.
- Lachesilla greeni* (Pearman). Azores (II): Baz & Borges, 2005.
- Lachesilla meinanderi* Lienhard. Canary Islands (II): Baz & Zurita, 2004.
- Lachesilla pedicularia* (Linnaeus). Canary Islands (II): Baz & Zurita, 2004. China (VIII): Li Fasheng, 2005. Kyrgyzstan (VIII): Mockford, 2005a. Anat.: Golub, 2003. Chrom.: Golub, 2004.
- Lachesilla quercus* (Kolbe). Canary Islands (II): Baz & Zurita, 2004. Kyrgyzstan (VIII): Mockford, 2005a. Anat.: Golub, 2003.
- Lachesilla tanaidana* Roesler. Kyrgyzstan (VIII): Mockford, 2005a. Anat.: Golub, 2003. Chrom.: Golub, 2004.
- Lachesilla tectorum* Badonnel. Canary Islands (II): Baz & Zurita, 2004. Cape Verde Islands (II): Lienhard & Garcia, 2005.
- Zonolachesillus aterilineus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005 (as *Zonolachesilla aterilinea*, incorrect subsequent spelling).
- Zonolachesillus wenxianensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005 (as *Zonolachesilla wenxianensis*, incorrect subsequent spelling).

### Ectopsocidae

- Brown, 2005 (p. 118): one unidentified Ectopsocidae mentioned from Ashmore Reef, Australia (IX).
- Ectopsocopsis cryptomeriae* (Enderlein). Anat.: Golub, 2003.
- Ectopsocopsis gannanensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Ectopsocopsis luteolicapita* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Ectopsocopsis xerophylla* Vishnyakova. Anat.: Golub, 2003.
- Ectopsocus* spec. Galapagos (X): Peck, 2001.
- Ectopsocus albiceps* Smithers. Australia (IX): Smithers, 2005a.
- Ectopsocus aldretei* Smithers. Australia (IX): Smithers, 2005a.
- Ectopsocus axillaris* (Smithers). Great Britain (I): Saville *et al.*, 2005.
- Ectopsocus briggsi* McLachlan. Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Gough Island (II): Jones *et al.*, 2003. Australia (IX): Smithers, 2005a. Anat.: Golub, 2003. Chrom.: Golub, 2004.
- Ectopsocus cinctus* Thornton. Anat.: Golub, 2003.
- Ectopsocus hirsutus* Thornton. Anat.: Golub, 2003.
- Ectopsocus longitudinalis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Ectopsocus macrotaenius* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Ectopsocus maindroni* Badonnel. Galapagos (X): Peck, 2001. Anat.: Golub, 2003.
- Ectopsocus meridionalis* Ribaga. Galapagos (X): Peck, 2001. Anat.: Golub, 2003.
- Ectopsocus ornatus* Thornton. Anat.: Golub, 2003.
- Ectopsocus petersi* Smithers. Great Britain (I): Saville, 2004b. Australia (IX): Smithers, 2005a.
- Ectopsocus pilosoides* Smithers. Australia (IX): Smithers, 2005a.
- Ectopsocus pumilis* (Banks). Azores (II): Baz & Borges, 2005. Anat.: Golub, 2003.
- Ectopsocus quadrisetus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Ectopsocus richardsi* (Pearman). Azores (II): Baz & Borges, 2005. Galapagos (X): Peck, 2001.
- Ectopsocus strauchi* Enderlein. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Cape Verde Islands (II): Lienhard & Garcia, 2005.
- Ectopsocus strictifoliatus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Ectopsocus titschacki* Jentsch. Anat.: Golub, 2003.
- Ectopsocus vachoni* Badonnel. Canary Islands (II): Baz & Zurita, 2004.

### Peripsocidae

- Diplopsocus albostigmus* Li Fasheng & Mockford. China (VIII): Li Fasheng, 2005.
- Diplopsocus fasciatus* (Thornton). Anat.: Golub, 2003.
- Diplopsocus rhombeus* Li Fasheng & Mockford. China (VIII): Li Fasheng, 2005.
- Diplopsocus scrobiculatus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Peripsocus* spec. USA (III): Frank *et al.*, 2004. Galapagos (X): Peck, 2001. Anat.: Golub, 2003.
- Peripsocus alboguttatus* (Dalman). Anat.: Golub, 2003.
- Peripsocus bivari* Baz. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004.
- Peripsocus hamiltonae* Smithers. Australia (IX): Smithers, 2005a.
- Peripsocus jinshaanensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Peripsocus louguantaiensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Peripsocus maoricus* (Tillyard). Australia (IX): Smithers, 2005a.
- Peripsocus milleri* (Tillyard). Great Britain (I): Saville, 2004b; Saville *et al.*, 2005. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Australia (IX): Smithers, 2005a.
- Peripsocus morulops* (Tillyard). Australia (IX): Smithers, 2005a.
- Peripsocus parvulus* Kolbe. Anat.: Golub, 2003.
- Peripsocus pauliani* Badonnel. Galapagos (X): Peck, 2001.

*Peripsocus phaeopterus* (Stephens). Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Anat.: Golub, 2003.

*Peripsocus pictus* Thornton. Anat.: Golub, 2003.

*Peripsocus plagirotropus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Peripsocus potosi* Mockford. Galapagos (X): Peck, 2001.

*Peripsocus pseudoquereticola* Thornton. Anat.: Golub, 2003.

*Peripsocus quereticola* Enderlein. Anat.: Golub, 2003.

*Peripsocus reflexibilis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Peripsocus similis* Enderlein. Anat.: Golub, 2003.

*Peripsocus spinosus* Thornton. Anat.: Golub, 2003.

*Peripsocus stagnivagus* Chapman. Galapagos (X): Peck, 2001.

*Peripsocus subfasciatus* (Rambur). Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Anat.: Golub, 2003.

*Peripsocus tillyardi* New. Australia (IX): Smithers, 2005a.

*Peripsocus wuhoi* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Peripsocus zhangliani* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005 (as *P. zhangliangi*; *zhangliani* has been selected as the correct original spelling by Lienhard, 2003d).

#### Trichopsocidae

*Trichopsocus brincki* Badonnel. Great Britain (I): Saville *et al.*, 2005.

*Trichopsocus clarus* (Banks). Great Britain (I): Saville *et al.*, 2005. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004. Anat.: Golub, 2003.

*Trichopsocus dalii* (McLachlan). Great Britain (I): Saville, 2004b. Anat.: Golub, 2003.

*Trichopsocus marmoratus* (Hagen). Redescription (both sexes): Lienhard & Baz, 2004. Madeira (II).

#### Archipsocidae

*Archipsocus* spec. USA (III): Frank *et al.*, 2004. Anat.: Golub, 2003.

*Archipsocus puber* Hagen. Baltic amber (Tertiary) (A): Weitschat & Wichard, 2002 (Figs: colour photographs).

*Archipsocus spinosus* Thornton, Lee & Chui. Galapagos (X): Peck, 2001.

#### Pseudocaeciliidae

*Austropsocus antennalis* Thornton & New. Australia (IX): Smithers, 2005a.

*Austropsocus omega* Thornton & New. Australia (IX): Smithers, 2005a.

*Austropsocus sinuosus* (Banks). Australia (IX): Smithers, 2005a.

*Austropsocus viridis* (Enderlein). Australia (IX): Smithers, 2005a.

*Chorocaecilius brunellus* (Tillyard). Australia (IX): Smithers, 2005a.

*Cladioneura pulchripennis* Enderlein. Australia (IX): Smithers, 2005a.

*Heterocaecilius huaxiensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Heterocaecilius jordanorum*\* Smithers, 2005a: 137. Australia (IX).

*Heterocaecilius lachlani* (Enderlein). Australia (IX): Smithers, 2005a.

*Heterocaecilius mouldsi* Smithers. Australia (IX): Smithers, 2005a.

*Howeanum* Smithers. Genus transferred to Pseudocaeciliidae, from Elipsocidae: Schmidt & Smithers, 2004: 13.

*Howeanum costale* (Thornton & New). Schmidt & Smithers, 2004: 14 (from *Austropsocus*).

*Keroecaecilius circulicellus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Keroecaecilius louguantaiensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Keroecaecilius phaeolomus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Mepleres alettae* (Smithers). Australia (IX): Smithers, 2005a.

*Mepleres papillosus* (Schmidt & Thornton). Australia (IX): Smithers, 2005a.

*Ophiodopelma hieroglyphicum* (Enderlein). Indonesia (VIII): Endang & New, 2004b.

*Ophiodopelma permaculatum* Lee & Thornton. Indonesia (VIII): Endang & New, 2004b.

*Ophiodopelma pictipenna* Lee & Thornton. Indonesia (VIII): Endang & New, 2004b.

*Ophiodopelma semiceps* Lee & Thornton. Indonesia (VIII): Endang & New, 2004b.

*Phallocaecilius hirsutus* (Thornton). Anat.: Golub, 2003.

*Pseudocaecilius* spec. Anat.: Golub, 2003. Morph.: Grimaldi & Engel, 2005 (photographs).

*Pseudocaecilius citricola* (Ashmead). Cape Verde Islands (II): Lienhard & Garcia, 2005. USA (III): Frank *et al.*, 2004. Galapagos (X): Peck, 2001. Anat.: Golub, 2003.

*Pseudocaecilius maculosus* Enderlein. Chrom.: Golub, 2004 (wrongly named *Dasypsocus japonicus* in Golub & Nokkala, 2001; cf. Psocid News No. 4, p. 8, comment under *Amphipsocus japonicus*).

*Pseudocaecilius tahitiensis* (Karny). Galapagos (X): Peck, 2001.

*Sinelipsocus yangi* Li Fasheng. China (VIII): Li Fasheng, 2005.

#### Philotarsidae

*Aaroniella badonneli* (Danks). Azores (II): Baz & Borges, 2005.

*Aaroniella galapagensis* Thornton & Woo. Galapagos (X): Peck, 2001.

*Haplophallus orientalis* Thornton. Anat.: Golub, 2003.

*Haplophallus sinus* Thornton & New. Australia (IX): Smithers, 2005a.

*Philotarsopsis paraguttata* (Thornton & New). Australia (IX): Smithers, 2005a.

*Philotarsus parviceps* Roesler. Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b.

*Philotarsus picicornis* (Fabricius). Czech Republic (I): Mückstein & Holusa, 2003. Azores (II): Baz & Borges, 2005. Anat.: Golub, 2003.

### Elipsocidae

*Cuneopalpus cyanops* (Rostock). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003.

*Drymopsocus brunneus* Smithers. Australia (IX): Smithers, 2005a.

*Elipsocus abdominalis* Reuter. Anat.: Golub, 2003.

*Elipsocus azoricus* Meinander. Azores (II): Baz & Borges, 2005.

*Elipsocus brincki* Badonnel. Azores (II): Baz & Borges, 2005.

*Elipsocus coloripennis* Lienhard. Canary Islands (II): Baz & Zurita, 2004.

*Elipsocus fasciatus* (Navas). Canary Islands (II): Baz & Zurita, 2004.

*Elipsocus hyalinus* (Stephens). Great Britain (I): Saville, 2004b. Anat.: Golub, 2003.

*Elipsocus labralis* Lienhard. Canary Islands (II): Lienhard & Baz, 2004.

*Elipsocus lanceloticus* Baz. Canary Islands (II): Baz & Zurita, 2004.

*Elipsocus moebiusi* Tetens. Great Britain (I): Saville *et al.*, 2005.

*Elipsocus pumilis* (Hagen). Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b. Anat.: Golub, 2003. Chrom.: Golub, 2004.

*Hemineura wittmeri* Badonnel. Canary Islands (II): Baz & Zurita, 2004; Lienhard & Baz, 2004 (parthenogenetic population, fig.).

*Pentacladus eucalypti* Enderlein. Australia (IX): Smithers, 2005a.

*Propsocus pulchripennis* (Perkins). Great Britain (I): Saville *et al.*, 2005. Australia (IX): Smithers, 2005a.

*Pseudopsocus rostocki* Kolbe. Great Britain (I): Saville *et al.*, 2005.

*Reuterella helvimagula* (Enderlein). Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b. Anat.: Golub, 2003.

### Mesopsocidae

Rasnitsyn, 2002: photograph (Fig. 163) of an undescribed fossil specimen of the family Mesopsocidae from Late Jurassic in Kazakhstan (A).

*Cyrtosochus canariensis* (Meinander). Canary Islands (II): Baz & Zurita, 2004.

*Cyrtosochus gibbosus* Lienhard. Canary Islands (II): Baz & Zurita, 2004.

*Cyrtosochus truncatus* Lienhard. Description of male: Lienhard & Baz, 2004; Canary Islands (II). Canary Islands (II): Baz & Zurita, 2004.

*Mesopsocus* spec. Anat.: Golub, 2003.

*Mesopsocus bousemani*\* Mockford, 2005a: 634 (probably parthenogenetic). Kyrgyzstan (VIII).

*Mesopsocus hongkongensis* Thornton. Anat.: Golub, 2003.

*Mesopsocus laterimaculatus* Ball. Canary Islands (II): Baz & Zurita, 2004.

*Mesopsocus laticeps* (Kolbe). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003.

*Mesopsocus salignus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Mesopsocus unipunctatus* (Müller). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003. Kyrgyzstan (VIII): Mockford, 2005a.

*Mesopsocus vernus* Lienhard. Austria (I): Thaler, 2005.

*Mesopsocus wardi* Meinander. Canary Islands (II): Baz & Zurita, 2004.

*Psocus neglectus* (Roesler). Canary Islands (II): Baz & Zurita, 2004.

### Hemipsocidae

*Hemipsocus* spec. Anat.: Golub, 2003.

*Metahemipsocus bimaculatus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

*Metahemipsocus trimerus* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

### Psocidae

Rasnitsyn, 2002: two photographs (Fig. 167) of undescribed fossil specimens of the family Psocidae from Baltic amber (Tertiary) (A).

#### Amphigerontiinae

*Amphigerontia* spec. Anat.: Golub, 2003.

*Amphigerontia bifasciata* (Latreille). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003. Chrom.: Golub, 2004.

*Amphigerontia contaminata* (Stephens). Great Britain (I): Saville, 2004b (photograph). Canary Islands (II): Baz & Zurita, 2004. Anat.: Golub, 2003.

*Amphigerontia intermedia* (Tetens). Anat.: Golub, 2003.

*Amphigerontia jezoensis* Okamoto. Chrom.: Golub, 2004.

*Amphigerontia unacrodonta* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

- Blaste conspurcata* (Rambur). Kyrgyzstan (VIII): Mockford, 2005a. Anat.: Golub, 2003. Chrom.: Golub *et al.*, 2004.  
*Blaste quadrimaculata* (Latreille). Great Britain (I): Saville *et al.*, 2005.  
*Blaste smilivirgata* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Blaste taylori* New. Australia (IX): Smithers, 2005a.  
*Blaste tillyardi* Smithers. Australia (IX): Smithers, 2005a.  
*Blastopsocus uncinatus* (Thornton & Woo). Galapagos (X): Peck, 2001.  
*Neoblaste papillosa* Thornton. Anat.: Golub, 2003.  
*Neoblaste setosa* Thornton. Anat.: Golub, 2003.  
*Pentablaste obconica* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

Psocinae

- Atlantopsocus adustus* (Hagen). Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004.  
*Atlantopsocus personatus* (Hagen). Canary Islands (II): Baz & Zurita, 2004.  
*Atlantopsocus reductus\** Lienhard & Baz, 2004: 93. Canary Islands (II).  
*Atlantopsocus semicircularis* Baz. Domingo-Quero *et al.*, 2003 (misidentified). Canary Islands (II).  
[Not *Atlantopsocus semicircularis* Baz, 1989].  
*Atlantopsocus semicircularis* Baz. Canary Islands (II): Baz & Zurita, 2004; Lienhard & Baz, 2004 (fig.). Madeira (II): Lienhard & Baz, 2004 (fig.).  
*Atlantopsocus triangularis* Meinander. Canary Islands (II): Baz & Zurita, 2004.  
*Atrichadenotecnum nudum* (Thornton). Anat.: Golub, 2003.  
*Cerastipsocus* spec. Anat.: Golub, 2003.  
*Cerastipsocus venosus* (Burmeister). Anat.: Golub, 2003.  
*Hyalopsocus contrarius* (Reuter). Anat.: Golub, 2003.  
*Indiopsocus acraeus* (Thornton & Woo). Galapagos (X): Peck, 2001.  
*Indiopsocus dentatus* (Thornton & Woo). Galapagos (X): Peck, 2001.  
*Loensia binalis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Loensia fasciata* (Fabricius). Czech Republic (I): Mückstein & Holusa, 2003.  
*Loensia fuscimacula* Enderlein. Generic placement remains unconfirmed: Endang Sri Kentjonowati & New, 2005: 16; Indonesia: Java (VIII).  
*Loensia glabridorsum* Enderlein. Generic placement remains unconfirmed: Endang Sri Kentjonowati & New, 2005: 16; Indonesia: Java (VIII).  
*Loensia pearmani* Kimmins. Anat.: Golub, 2003 (as *Trichadenotecnum pearmani*).  
*Loensia variegata* (Latreille). Czech Republic (I): Mückstein & Holusa, 2003. Chrom.: Golub, 2004.  
*Mecampsis dolichosa* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Metylophorus nebulosus* (Stephens). Czech Republic (I): Mückstein & Holusa, 2003. Anat.: Golub, 2003.  
*Metylophorus plebius* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Neopsocus rhenanus* Kolbe. Greece (I): Klausnitzer, 2003 (colour photograph of fully winged female).  
*Psocidus* spec. Baltic amber (Tertiary) (A): Weitschat & Wichard, 2002 (Fig.: colour photograph).  
*Psocidus multiplex* (Roesler). Baltic amber (Tertiary) (A): Weitschat & Wichard, 2002 (as *Psocidus affinis*) (Fig.: colour photograph).  
*Psocidus validus* Thornton. Anat.: Golub, 2003.  
*Psococerastis gansuiensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Psococerastis gibbosa* (Sulzer). Czech Republic (I): Mückstein & Holusa, 2003. Great Britain (I): Saville, 2004b. Anat.: Golub, 2003. Chrom.: Golub *et al.*, 2004.  
*Psococerastis magniprocessus\** Li Fasheng, 2005: 308. China (VIII).  
*Psococerastis shanxiensis* Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.  
*Psococerastis sinensis* Thornton. Anat.: Golub, 2003.  
*Psococerastis stulticaulis* Li Fasheng. China (VIII): Li Fasheng, 2005.  
*Psocus bipunctatus* (Linnaeus). Anat.: Golub, 2003.  
*Ptycta caboverdensis* Meinander. Cape Verde Islands (II): Lienhard & Garcia, 2005 (erroneously listed under the heading Pseudocaeciliidae).  
*Ptycta campbelli* Schmidt & Thornton. Australia (IX): Smithers, 2005a.  
*Ptycta emarginata* New. Australia (IX): Smithers, 2005a.  
*Ptycta incurvata* Thornton. Anat.: Golub, 2003.  
*Ptycta marta* Thornton & Woo. Galapagos (X): Peck, 2001 (as *Indiopsocus marta*).  
*Sigmatoneura* Enderlein. Revised diagnosis: Yoshizawa, Lienhard & Idris, 2005: 832.  
*Podopteroicus* Banks. **Synonymy:** Yoshizawa, Lienhard & Idris, 2005: 832.  
*Dinopsocus* Banks. **Synonymy:** Yoshizawa, Lienhard & Idris, 2005: 832.  
*Sigmatoneura* spec. Anat.: Golub, 2003 (misspelled: *Stigmatoneura*).  
*Sigmatoneura kakisyayap\** Yoshizawa & Lienhard, *in:* Yoshizawa, Lienhard & Idris, 2005: 833. Malaysia: Peninsula, Malaysia: Sabah, Indonesia: Sumatra (VIII).  
*Sigmatoneura kolbei* (Enderlein). Anat.: Golub, 2003 (misspelled: *Stigmatoneura*). Chrom.: Golub, 2004.  
*Sigmatoneura lemahsayap\** Yoshizawa & Lienhard, *in:* Yoshizawa, Lienhard & Idris, 2005: 837. Indonesia: Sumatra (VIII).  
(?) *Dinopsocus atratus* Banks sensu New, 1978d: 45. Yoshizawa, Lienhard & Idris, 2005: 837.

- Sigmatoneura longicornis*** (Banks). Yoshizawa, Lienhard & Idris, 2005: 841 (**from** *Podopteroicus*, further description of male, description of female). Brunei, Malaysia, Philippines, Singapore (VIII).
- Dinopsocus atratus*** Banks. **Synonymy:** Yoshizawa, Lienhard & Idris, 2005: 842.  
 (?) Not *Dinopsocus atratus* Banks sensu New, 1978d: 45 (see *Sigmatoneura lemahsayap* Yoshizawa & Lienhard). Yoshizawa, Lienhard & Idris, 2005: 842.
- Sigmatoneura semicolorata*** (Banks). Yoshizawa, Lienhard & Idris, 2005: 836 (**from** *Dinopsocus*, redescription of male). Philippines (VIII).
- Symbiopsocus quadripartitus*** Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
- Trichadenotecnum*** Enderlein. Yoshizawa & Lienhard, 2004: one new species-group defined (*vaughani* group), revised diagnosis of some species groups, key to Hong Kong species. Endang Sri Kentjonowati & New, 2005: discussion of genus definition and key to Indonesian species.
- Trichadenotecnum*** spec. Anat.: Golub, 2003.
- Trichadenotecnum adika*** Endang Sri Kentjonowati, Thornton & New, 2002. Description of female: Endang Sri Kentjonowati & New, 2005: 21. Indonesia (VIII).
- Trichadenotecnum alinguum*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum alobum*\*** Endang Sri Kentjonowati & New, 2005: 30. Indonesia (VIII).
- Trichadenotecnum apertum*** Thornton. Hong Kong (VIII): Yoshizawa & Lienhard, 2004.
- Trichadenotecnum arciforme*** Thornton. Description of female, redescription of male terminalia: Yoshizawa & Lienhard, 2004 (not assigned to species-group). Hong Kong (VIII).
- Trichadenotecnum auritum*\*** Yoshizawa & Lienhard, 2004: 123. Hong Kong (VIII).
- Trichadenotecnum bidens*** Thornton. Reinstated combination (**from** *Loensia*): Yoshizawa & Lienhard, 2004: 135; Hong Kong (VIII). Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.  
*Trichadenotecnum bidens* Thornton, 1961a: 6 (female holotype).  
 [Not *Trichadenotecnum bidens* Thornton. Thornton, 1961a: 6 (male), see *T. ianobidens*].
- Trichadenotecnum bidentatum*** Thornton. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum bromoense*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum castum*** Betz. Azores (II): Baz & Borges, 2005.
- Trichadenotecnum cheahae*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum cinnamonomum*\*** Endang Sri Kentjonowati & New, 2005: 35. Indonesia (VIII).
- Trichadenotecnum circularoides*** Badonnel. Azores (II): Baz & Borges, 2005. Madeira (II): Lienhard & Baz, 2004.
- Trichadenotecnum cornutum*\*** Endang Sri Kentjonowati & New, 2005: 28. Indonesia (VIII).
- Trichadenotecnum dolabratum*** Li Fasheng & Yang Chikun. Reinstated combination (**from** *Loensia*): Yoshizawa & Lienhard, 2004: 149.
- Trichadenotecnum felix*** Thornton. Description of female, redescription of male terminalia: Yoshizawa & Lienhard, 2004; Hong Kong (VIII). Anat.: Golub, 2003.  
 [Probably not *Trichadenotecnum felix* Thornton sensu New, 1991b: 107 (female), see Yoshizawa & Lienhard, 2004: 139].
- Trichadenotecnum galihii*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum godavarensis*** New. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum gombakense*** New & Lee. Description of male: Endang Sri Kentjonowati & New, 2005: 22. Indonesia (VIII).
- Trichadenotecnum hammani*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum iani*\*** Yoshizawa & Lienhard, 2004: 128. Hong Kong (VIII).
- Trichadenotecnum ianobidens*\*** Yoshizawa & Lienhard, 2004: 137. Hong Kong (VIII).  
*Trichadenotecnum bidens* Thornton. Thornton, 1961a: 6 (male).  
 [Not *Trichadenotecnum bidens* Thornton, 1961a: 6 (female holotype)].
- Trichadenotecnum imperatorium*** Li Fasheng. China (VIII): Li Fasheng, 2005.
- Trichadenotecnum jambiense*\*** Endang Sri Kentjonowati & New, 2005: 34. Indonesia (VIII).
- Trichadenotecnum kaliburuense*\*** Endang Sri Kentjonowati & New, 2005: 27. Indonesia (VIII).
- Trichadenotecnum kerinciense*\*** Endang Sri Kentjonowati & New, 2005: 26. Indonesia (VIII).
- Trichadenotecnum krucilense*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005 (species identification somewhat doubtful, could be a new species).
- Trichadenotecnum laticornutum*** Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum majus*** (Kolbe). Czech Republic (I): Mückstein & Holusa, 2003. China (VIII): Li Fasheng, 2005. Anat.: Golub, 2003.
- Trichadenotecnum malayense*** New. Description of male: Endang Sri Kentjonowati & New, 2005: 24. Indonesia (VIII).
- Trichadenotecnum medium*** Thornton. Hong Kong (VIII): Yoshizawa & Lienhard, 2004. Anat.: Golub, 2003.
- Trichadenotecnum minutum*** Enderlein. Generic placement remains unconfirmed: Endang Sri Kentjonowati & New,

- 2005: 16; Indonesia: Java (VIII).
- Trichadenotecnum muaraense*\* Endang Sri Kentjonowati & New, 2005: 31. Indonesia (VIII).
- Trichadenotecnum paradika*\* Endang Sri Kentjonowati & New, 2005: 32. Indonesia (VIII).
- Trichadenotecnum pardidum* Thornton. Yoshizawa & Lienhard, 2004 (description of male): species reinstated, **not synonym** of *Trichadenotecnum pardus* Badonnel.  
 [Not *Trichadenotecnum pardidum* Thornton sensu Yoshizawa, 2001a: 198, which is conspecific with *T. pardus* Badonnel].
- Trichadenotecnum pardus* Badonnel. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum proctum*\* Endang Sri Kentjonowati & New, 2005: 33. Indonesia (VIII).
- Trichadenotecnum pycnacanthum* (Li Fasheng, 2002a). Yoshizawa & Lienhard, 2004: 141 and 149 (**from Loensia**).
- Trichadenotecnum quadrispinosum* Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum rachimi* Endang Sri Kentjonowati & Thornton. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum santosai* Endang Sri Kentjonowati & Thornton. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum sexpunctatum* (Linnaeus). Great Britain (I): Saville, 2004b. Azores (II): Baz & Borges, 2005. Anat.: Golub, 2003. Chrom.: Golub, 2004.
- Trichadenotecnum sibolangitense*\* Endang Sri Kentjonowati & New, 2005: 27. Indonesia (VIII).
- Trichadenotecnum soekarmanni* Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum soenarti* Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum sumatrense*\* Endang Sri Kentjonowati & New, 2005: 29. Indonesia (VIII).
- Trichadenotecnum vaughani* Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum waykambasense*\* Endang Sri Kentjonowati & New, 2005: 34. Indonesia (VIII).
- Trichadenotecnum waykananense*\* Endang Sri Kentjonowati & New, 2005: 25. Indonesia (VIII).

#### Thyrsophorinae

Definition of subfamily: Mockford, 2004d: 152.

*Thyrsopsocopsis*\*\* Mockford, 2004d: 153. Gender: F. Type species: *Thyrsopsocopsis thorntoni* Mockford.

*Thyrsopsocopsis thorntoni*\* Mockford, 2004d: 153. Vietnam (VIII).

#### Myopsocidae

*Lichenomima chelata* (Thornton & Woo). Galapagos (X): Peck, 2001.

*Lichenomima cubitalis*\* Lienhard, 2004f: 198. Malaysia: Sabah (VIII).

*Lichenomima elongata* (Thornton). Anat.: Golub, 2003.

*Lichenomima sinuosa*\* Lienhard, 2004f: 195. Indonesia (VIII).

*Lophopterygella* Enderlein. Revised diagnosis: Lienhard, 2004f: 180.

*Lophomyus* Li Fasheng, 2002a. **Synonymy**: Lienhard, 2004f: 181.

*Lophopterygella bidigitata* (Li Fasheng, 2002a). Lienhard, 2004f: 183 (**from Lophomyus**). China (VIII).

*Lophopterygella camelina* Enderlein. Redescription: Lienhard, 2004f: 183. Indonesia, Laos, Singapore, Thailand (VIII).

*Lophopterygella antennalis* Thornton. **Synonymy**: Lienhard, 2004f: 183.

*Lophopterygella cincticornis* Thornton, Lee & Chui. Assignment to *Lophopterygella* confirmed: Lienhard, 2004f: 183.

*Lophopterygella petersi* Smithers. Lienhard, 2004f: 183 (**from Lophomyus**, revised combination).

*Lophopterygella ridderi* Vaughan, Thornton & New. Assignment to *Lophopterygella* confirmed: Lienhard, 2004f: 183.

*Lophopterygella spilota* Smithers & Thornton. Assignment to *Lophopterygella* confirmed: Lienhard, 2004f: 183.

*Lophopterygella triangularis*\* Lienhard, 2004f: 193. Philippines (VIII).

*Myopsocus eatoni* McLachlan. Azores (II): Baz & Borges, 2005. Canary Islands (II): Baz & Zurita, 2004.

*Myopsocus furcatus* Smithers. Australia (IX): Smithers, 2005a.

*Myopsocus horripilis*\* Lienhard, 2004f: 200. Thailand, Malaysia: Sabah (VIII).

*Nimbopsocus*\*\* Smithers, 2004a: 160. Gender: M. Type species: *Nimbopsocus thorntoni* Smithers.

*Nimbopsocus thorntoni*\* Smithers, 2004a: 162. Australia (IX).

*Nimbopsocus australis* (Brauer). Smithers, 2004a: 162 (**from Myopsocus**). Complementary description and figures. Australia (IX): Smithers, 2005a (as *Myopsocus australis*).

*Nimbopsocus hickmani* (Smithers). Smithers, 2004a: 162 (**from Myopsocus**). Complementary description and figures.

*Thorntonodes*\*\* Lienhard, 2004f: 171. Gender: M. Type species: *Lophopterygella lobata* New & Thornton.

*Lophopterygella* Enderlein sensu Li Fasheng, 2002a. Lienhard, 2004f: 171.

[Not *Lophopterygella* Enderlein, 1907].

*Thorntonodes bellulus* (Li Fasheng, 2002a). Lienhard, 2004f: 173 (**from Lophopterygella**). China (VIII).

*Thorntonodes lobatus* (New & Thornton). Lienhard, 2004f: 173 (**from Lophopterygella**). Singapore, Thailand (VIII).

*Thorntonodes pattoni* (Datta). Lienhard, 2004f: 173 (**from** *Lichenomima*). India (VIII).

*Thorntonodes quadrituberculatus\** Lienhard, 2004f: 177. Thailand (VIII).

#### 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 4 of the "Additions" (Psocid News, no. 4, 5, 6, 7).

##### Remarks:

Each issue of "Psocid News" is separately quoted under Yoshizawa (ed.). Selected references to some particularly interesting contributions out of these newsletters can also be found under the authors' names.

Usually cross-references for all authors are made, as in the 2002-bibliography, except for papers with more than five authors which are merely cited as "first author *et al.*"; in cases of more than one editor, cross-references are usually only made for the first editor.

For a **subject bibliography** including these additions, see: <http://www.ville-ge.ch/musinfo/mhng/page-e/ps-bibli.htm>

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Azar, D. 2003. See Perrichot, V. *et al.* 2003.

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Basset, Y. *et al.* (eds) 2003. See Hurtado Guerrero, J. C. *et al.* 2003 and Mody, K. *et al.* 2003.

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Baz, A. & Zurita, N. 2004. Orden Psocoptera (pp. 188-190). In: Izquierdo, I., Martin, J. L., Zurita, N. & Arechavaleta, M. (eds). Lista de especies silvestres de Canarias (hongos, plantas y animales terrestres) 2004. *Consejería de Medio Ambiente y Ordenación Territorial, Gobierno de Canarias*, 499 pp.

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## 5. Corrections to Lienhard & Smithers, 2002

Page 74: *Embidoscocus saxonicus* Günther

Page 562: Corrected reference: Kaburaki, T. 1922. On the oecology of the Corrodentia. *Japanese Journal of Zoology: Transactions and Abstracts*, Vol. 1(22): 8. (This is a summary in English of Takahashi, R. 1921).

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Page 653: Corrected reference: Vishnyakova, V. N. 1980. The historical development of the Insecta. Superorder Psocidea. Order Psocida. *Trudy Paleontologicheskogo Instituta* 175: 52-57, figs 21-24.

## LETTER FROM BRYAN TURNER

As some may know I will be taking early retirement in July 2006 as the result of a policy decision by King's College London to close Biological Sciences. Our final students graduate this year. The College has made me an offer I cannot refuse!

I have been increasingly involved with forensic entomology teaching and research over the last 10 years or so and my research in the Psocoptera has dwindled to the study of a single species, *Liposcelis bostrychophila*. My final psocid paper (possibly one more), with colleagues from University of Wales, Bangor, on the mycetomic rickettsias in parthenogenetic psocids has been sent to Cellular Microbiology and should be published this year.

In my retirement I will not be following the leads of other more august psocidologists and continue working on the group. I have just returned from Geneva where I have deposited with Charles my material on which some of my earlier taxonomic papers were based and also a large and only partially worked collection of Psocids from Southern India which I made in 1982 and then put aside to do other things.

British psocid material, left in my charge by Edward Broadhead on his retirement, will be deposited with the Natural History Museum in London in the next few months. I also hope they may also take my reprint collection (3 filing cabinet drawers worth). I am not sure what else to do with it. Therefore from now please do not send me copies of your reprints unless they are of direct value to my booklouse interests. I will continue, for as long as they want, to be an advisor to the British Flour manufacturers on matters to do with psocids but that will be the limit of my involvement with the order.

I will continue to be involved in teaching and some research in forensic entomology, both here at King's and at several other universities in the UK. Again with the Bangor people we have just been successful in obtaining a large research grant from the Leverhulme Trust for the next three years to look at the value of mites in forensic science. I hope also to be able to spend more time on my narrowboat, cruising the canals of England.



My email address and base at King's should continue as I am negotiating an honorary position here in the Department of Forensic Science and Drug Monitoring. My transitory connection with Biochemistry (the only Bio... left here) will cease on retirement.

Whilst I am withdrawing from the study I hope I will not withdraw from the many friendships gained over the years with psocid workers worldwide. I hope we can keep in touch and I hope to be included in the invites to the next psocid congress whenever and wherever that will be.

With best wishes,

Bryan Turner, King's College London

## EDITORIAL

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

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**Next issue.** About Feb. 2007. Please let me have all contributions by Jan. 31 2007 if possible.

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