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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), 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"

Charles Lienhard (Geneva Natural History Museum, Switzerland)

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 vergereau* Perrichot, Azar, Néraudeau & Nel. Trogiomorpha incertae sedis (Psyllipsocidae?).

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

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

*Proprioglaris 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).

Protoctopsocidae

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).

Protoctopsocus 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 erronerus 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

Berthkaulia 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).

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

*Rogojiella 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).

Anoculaticaecca chuanshaanica Li Fasheng. China (VIII): Li Fasheng, 2005.

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

Asiocaecilius singaporensis (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 persimularis (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 brachyodicrus 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: *Cubililis*). 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 perteniensis Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.
Taeniosigma trickettiae Smithers. Australia (IX): Smithers, 2005a.

Lachesillidae

Ceratolachesillus quinquecornus Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005 (as *Ceratolachesilla quinquecorna*, 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 macrotaenious 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 richardsetus 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 albstigmus 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 plagiotropus Li Fasheng, 2002a. China (VIII): Li Fasheng, 2005.

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

Peripsocus pseudoquercicola Thornton. Anat.: Golub, 2003.

Peripsocus quercicola 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 dali (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.

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

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

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

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

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

Heteroaecilium 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*).

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

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

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

Mepleres alettiae (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.

Phallocaecilium hirsutum (Thornton). Anat.: Golub, 2003.

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

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

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

Pseudocaecilium 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 lanceoloticus 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 helvimacula (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).
Cyrtopsochus canariensis (Meinander). Canary Islands (II): Baz & Zurita, 2004.
Cyrtopsochus gibbosus Lienhard. Canary Islands (II): Baz & Zurita, 2004.
Cyrtopsochus 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.
Psoculus 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 unacrodonia 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.
Podopterus Banks. **Synonymy:** Yoshizawa, Lienhard & Idris, 2005: 832.
Dinopsocus Banks. **Synonymy:** Yoshizawa, Lienhard & Idris, 2005: 832.
Sigmatoneura spec. Anat.: Golub, 2003 (misspelled: *Stigmatoneura*).
*Sigmatoneura kakisayap** 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** *Podopteroecus*, 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 cinnamomum** 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 galihi* Endang Sri Kentjonowati, Thornton & New, 2002. Indonesia (VIII): Endang Sri Kentjonowati & New, 2005.
- Trichadenotecnum godavarensense* 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 kalibiruense** 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 vauhani 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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5. Corrections to Lienhard & Smithers, 2002

- Page 74: *Embidopsocus 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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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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