

Psocid News

The Psocidologists' Newsletter

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Stimulopalpus japonicus (Fukuoka, Japan)

ADDITIONS AND CORRECTIONS (PART 24) TO LIENHARD & SMITHERS, 2002: "PSOCOPTERA (INSECTA) – WORLD CATALOGUE AND BIBLIOGRAPHY"

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1. Introduction

This is part 24 of a series of "Additions and Corrections to the World Catalogue and Bibliography" (Lienhard & Smithers, 2002) published in "Psocid News". Parts 1-23 were published in Psocid News no. 4-26 (see below); a **Synthesis of Parts 1-10** is given by Lienhard (2016d = Psocid News Special Issue 3), a **Synthesis of Parts 11-20** is given by Lienhard (2021b = Psocid News Special Issue 4), see <http://hdl.handle.net/2115/35519>.

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

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

The "Corrections to Lienhard & Smithers, 2002" refer to the pages of Lienhard & Smithers (2002) and the changes proposed 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 (see 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 ending to the grammatical gender of the genus name).

2. List of countries mentioned in the "Additions and Corrections to the World Catalogue" (Parts 1-24)

Country checklists of Psocoptera species extracted from Lienhard & Smithers (2002) are given by Lienhard (2016b = Psocid News Special Issue 1).

All additional species records are mentioned in the "Additions and Corrections to the World Catalogue" and all countries mentioned in Parts 1 to 24 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 (**A**), mainly from amber. This list is provided to facilitate computer searching for distributional references in the online version of the different parts (see Psocid News no. 4-27) or in the **Synthesis of Parts 1-10** given by Lienhard (2016d = Psocid News Special Issue 3) and the **Synthesis of Parts 11-20** given by Lienhard (2021b = Psocid News Special Issue 4) which all can be found at <http://hdl.handle.net/2115/35519>.

- Part 1 – Psocid News, no. 4 (2003): 2-24 (= Lienhard, 2003a)
- Part 2 – Psocid News, no. 5 (2003): 2-37 (= Lienhard, 2003b)
- Part 3 – Psocid News, no. 6 (2004): 1-23 (= Lienhard, 2004a)
- Part 4 – Psocid News, no. 7 (2005): 1-16 (= Lienhard, 2005a)
- Part 5 – Psocid News, no. 8 (2006): 1-18 (= Lienhard, 2006a)
- Part 6 – Psocid News, no. 9 (2007): 1-17 (= Lienhard, 2007a)
- Part 7 – Psocid News, no. 10 (2008): 1-18 (= Lienhard, 2008a)
- Part 8 – Psocid News, no. 11 (2009): 2-16 (= Lienhard, 2009a)
- Part 9 – Psocid News, no. 12 (2010): 1-18 (= Lienhard, 2010)
- Part 10 – Psocid News, no. 13 (2011): 1-18 (= Lienhard, 2011a)

Synthesis of Parts 1-10, see Lienhard (2016d)

- Part 11 – Psocid News, no. 14 (2012): 1-13 (= Lienhard, 2012a)
- Part 12 – Psocid News, no. 15 (2013): 1-21 (= Lienhard, 2013)
- Part 13 – Psocid News, no. 16 (2014): 1-20 (= Lienhard, 2014)
- Part 14 – Psocid News, no. 17 (2015): 1-17 (= Lienhard, 2015)
- Part 15 – Psocid News, no. 18 (2016): 1-12 (= Lienhard, 2016a)
- Part 16 – Psocid News, no. 19 (2017): 1-18 (= Lienhard, 2017)
- Part 17 – Psocid News, no. 20 (2018): 4-17 (= Lienhard, 2018)
- Part 18 – Psocid News, no. 21 (2019): 10-34 (= Lienhard, 2019)
- Part 19 – Psocid News, no. 22 (2020): 16-29 (= Lienhard, 2020b)
- Part 20 – Psocid News, no. 23 (2021): 1-20 (= Lienhard, 2021a)

Synthesis of Parts 11-20, see Lienhard (2021b)

- Part 21 – Psocid News, no. 24 (2022): 2-18 (= Lienhard, 2022)
- Part 22 – Psocid News, no. 25 (2023): 3-16 (= Lienhard, 2023a)
- Part 23 – Psocid News, no. 26 (2024): 1-12 (= Lienhard, 2024a)
- Part 24 – Psocid News, no. 27 (2025) (= present issue)

(I) Albania (Parts 14, 16, 24), Armenia (Parts 19, 21), Austria (Parts 1, 3, 4, 5, 6, 8, 9), Bahrain (Part 8), Belarus (Parts 20, 21, 24), Belgium (Parts 3, 6, 8, 10, 16, 17, 18, 19, 20), Bosnia-Herzegovina (Part 14), Bulgaria (Parts 8, 14, 16, 17, 18, 19, 20, 21, 22, 24), Croatia (Parts 6, 7, 11, 12), Cyprus (Part 11), Czech Republic (Parts 1, 4, 5, 6, 7, 8, 10, 11, 13, 14, 16), Denmark (Parts 10, 12, 15[Greenland]), Egypt (Parts 6, 21, 22), Europe (Parts 10, 11, 12, 19), Finland (Parts 1, 7, 10, 11, 12, 13, 15), France (Parts 1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 18, 20, 21, 22, 24), Georgia (Parts 23, 24), Germany (Parts 1, 3, 4, 5, 7, 8, 10, 11, 12, 14, 16, 19, 20, 21, 22, 23), Great Britain (Parts 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 23), Greece (Parts 5, 6, 11, 14, 17, 18, 19, 20, 21), Hungary (Parts 1, 3, 10), Iceland (Part 10), Iran (Parts 6, 8, 15, 16, 17, 18, 24), Ireland (Parts 6, 9, 13, 17, 19), Israel (Parts 4, 6, 8, 11, 15, 16, 24), Italy (Parts 1, 3, 5, 6, 7, 8, 9, 10, 17, 18, 19, 22, 23), Jordan (Part 21), Kosovo (Part 14), Lebanon (Parts 6, 7, 9, 10, 11, 13, 14, 19, 21, 22, 24), Lithuania (Part 8), Luxembourg (Parts 1, 3, 7, 8, 10, 13, 17, 18, 20, 21, 22), Macedonia (Parts 14, 21), Malta (Parts 15, 16), Montenegro (Part 14), Morocco (Parts 10, 15, 21), Netherlands (Parts 4, 7, 9, 11, 14, 16, 17, 19, 21, 22), Norway (Parts 4, 10, 13, 21), Oman (Part 8), Poland (Parts 13, 23), Portugal (Parts 6, 7, 18, 19, 21, 24), Romania (Parts 10, 14, 16, 17), Russia (Parts 6, 8, 10, 12, 13, 14, 16, 20, 22, 23, 24), Saudi Arabia (Parts 8, 15), Serbia (Parts 14, 24), Slovakia (Parts 1, 11, 13), Spain (Parts 1, 5, 7, 8, 9, 11, 12, 13, 17, 18, 20, 21, 22, 23, 24), Sweden (Part 8, 10, 17, 22), Switzerland (Parts 1, 3, 4, 6, 7, 8, 11, 12, 21, 23, 24), Turkey (Parts 5, 10, 15, 20, 21), UAE (Parts 8, 9), Ukraine (Part 6), Yemen (Parts 4, 8, 18, 20)

(II) Ascension Island (Parts 11, 15), Azores (Parts 5, 11, 21), Canary Islands (Parts 1, 4, 5, 10, 11), Cape Verde Islands (Parts 5, 11, 15), Gough Island (Parts 5, 6), Madeira (Parts 5, 8, 15), Saint Helena (Parts 5, 11), Selvagens Islands (Parts 1, 8)

(III) Bahamas (Part 13), Canada (Parts 4, 6, 7, 8, 13, 18, 19, 20), Greenland (Part 15), North America (Parts 11, 12), USA (Parts 1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 22)

(IV) Antigua (Part 15), Aruba (Part 15), Belize (Parts 1, 4, 6, 8, 9, 10, 15), Costa Rica (Parts 1, 6, 8, 15, 17, 18, 20), Cuba (Parts 6, 11), Curaçao (Part 15), Dominica (Parts 5, 6, 11), Dominican Republic (Parts 4, 6, 7, 8, 12, 13, 14, 18, 19, 20), Guadeloupe (Part 15), Guatemala (Parts 1, 4, 7, 8, 11, 15, 16, 17), Haiti (Parts 1, 4), Hispaniola (Part 10), Honduras (Parts 8, 15), Jamaica (Parts 7, 8, 9, 15, 19), Mexico (Parts 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22), Middle America (Part 11), Nicaragua (Parts 1, 3, 4, 6, 7, 8, 13, 24), Panama (Parts 4, 6, 8, 17, 20), Puerto Rico (Parts 1, 7, 10, 13), Trinidad (Parts 1, 16)

(V) Argentina (Parts 3, 4, 8, 9, 14, 19, 22, 24), Bolivia (Parts 1, 5, 9, 10, 17, 21), Brazil (Parts 1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24), Chile (Parts 1, 4, 6, 8, 21), Colombia (Parts 1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24), Ecuador (Parts 1, 6, 8, 13, 15, 16, 18, 20, 22, 24), French Guiana (Parts 18, 23), Paraguay (Parts 13, 14, 15), Peru (Parts 1, 5, 6, 8, 9, 10, 11, 12, 13, 14, 16, 17, 18, 20, 21, 23), Suriname (Part 10), Venezuela (Parts 1, 4, 6, 7, 8, 10, 15, 17, 18)

(VI) Cameroon (Part 24), Ethiopia (Part 20), Ghana (Parts 4, 18), Guinea (Parts 1, 20), Kenya (Parts 4, 15, 16, 18, 20, 22, 23), Liberia (Part 15), Madagascar (Parts 5, 22), Malawi (Part 3), Mozambique (Parts 15, 20), Namibia (Parts 1, 6, 7, 8, 10, 19, 24), Rwanda (Parts 15, 24), Senegal (Parts 15, 20, 22), South Africa (Parts 3, 6, 7, 8, 11, 20, 22), Tanzania (Parts 3, 4, 21, 22, 23, 24), Togo (Part 15), Uganda (Parts 6, 23, 24)

(VII) Mauritius (Part 21), Reunion (Part 15)

(VIII) Afghanistan (Part 21), Brunei (Parts 5, 6), China (Parts 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24), Hong Kong (Part 5), India (Parts 3, 5, 6, 7, 11, 15, 20, 21, 22, 23), Indonesia (Parts 1, 3, 5, 6, 10, 15, 22, 23), Japan (Parts 1, 4, 6, 7, 8, 9, 10, 12, 16, 18, 19, 20, 23, 24), Kazakhstan (Part 13), Korea (Parts 17, 23), Kuril Islands (Part 4), Kyrgyzstan (Part 5), Laos (Parts 5, 6, 17), Malaysia (Parts 1, 5, 6, 8, 10, 14, 15, 18, 19, 22, 23), Myanmar (Parts 6, 8, 13, 14, 16, 17, 18, 19, 20, 21, 22, 23), Nepal (Parts 7, 18), New Guinea (Parts 3, 5, 8), Pakistan (Part 14), Philippines (Parts 3, 5, 6, 14, 18, 20), Russia (Parts 1, 10, 11, 20, 21), SE-Asia (Part 7), Singapore (Parts 5, 14, 15), Sri Lanka (Parts 4, 6, 19), Taiwan (Parts 1, 6, 7, 8, 13, 15, 17, 18, 21), Thailand (Parts 1, 4, 5, 6, 9, 11, 15, 18, 20, 22, 23), USSR (Parts 4, 9), Vietnam (Parts 4, 5, 6, 8, 13, 14, 15, 17, 20, 24)

(IX) Australia (Parts 1, 4, 5, 6, 7, 8, 10, 12, 13, 14, 20), Lord Howe Island (Parts 4, 7), New Zealand (Parts 1, 4, 13, 16, 18), Subantarctic islands (Part 13), Tasmania (Part 9)

(X) Easter Island (Parts 13, 16), Fiji (Parts 8, 15), Galapagos (Parts 5, 12), Hawaii (Parts 8, 13, 14, 22), New Caledonia (Part 12)

(A) Amber and Copal (or other fossils) (Parts 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24)

3. Additions to the Catalogue

Paraneoptera / Acercaria / Permopsocida (selected references)

Kawata *et al.*, 2024: Monophyly of Paraneoptera based on pterothoracic musculature.

Psocodea (selected general references)

Montagna *et al.*, 2024: Fragmentary fossil from Middle Triassic showing Psocodea-like wing venation (A), Switzerland (I). Zhang Yanjie *et al.*, 2024: Stem chewing lice in Cretaceous amber (A).

Psocoptera

Alvarez-Parra *et al.*, 2024b: Commented list of psocids known from Eocene Oise amber, with key and illustrations of wing venation; France (I) (A). Dagatti *et al.*, 2024: Psoc. (not further identified) in vineyard, Argentina (V). Hakim & Azar, 2024: Review, checklist and key to Psocodea ('Psocoptera') from Early Cretaceous Lebanese amber (A) (I). Humala & Polevoi, 2024: One species mentioned from Karelia (Russia) (I). Lienhard, 2024a: Additions to the World Catalogue and Bibliography, Part 23. Lienhard, 2024c: Autobiographical remarks on taxonomic work. Ross, 2024: Supplement to the Burmese (Myanmar) amber checklist and bibliography, 2023 (Psoc. p.154) (VIII) (A). Sanchez-Loja *et al.*, 2024: poison frogs as predator. Warburg & Steinberger, 2024: Soil psocids in ant nests in Negev Desert, Israel (I). Wu Zhendan *et al.*, 2024: Soil fauna, Inner Mongolia, China (VIII). Yoshizawa, 2024 (ed.): Newsletter.

Trogiomorpha

Phylogeny of Trogiomorpha focused on Empheriidae: Alvarez-Parra *et al.*, 2024a.

Prionoglarididae

Neotroglia Lienhard. Baker & Hayssen, 2024 (terminology: penis vs. intromittent organ).

Psyllipsocidae

Psocathropos lachlani Ribaga. Tanzania: Zanzibar (VI): Georgiev, 2024b.

Psyllipsocus Selys-Longchamps. Checklist of species from Ethiopian Region and North Africa: Lienhard, 2024b: 255.

Annulipsyllipsocus Hakim, Azar, S., Maksoud, Huang Diying & Azar, D. 2017. **Synonymy:** Alvarez-Parra *et al.*, 2024b: 7.

Sinopsyllipsocus Zhang Qingqing, Nel, Azar & Wang Bo 2016. **Synonymy:** Alvarez-Parra *et al.*, 2024b: 7.

*Psyllipsocus burckhardti** Lienhard, 2024b: 252. Cameroon (VI).

*Psyllipsocus namibiensis** Lienhard, 2024b: 252. Namibia (VI).

Psyllipsocus ramburii Selys-Longchamp. Belarus (I): Ostrovsky, 2024. Iran (I): Mehrafrooz Mayvan *et al.*, 2024 (in caves).

Empheriidae

Phylogeny, biogeography and biology of Empheriidae: Alvarez-Parra *et al.*, 2024a.

*Danyazarius*** Alvarez-Parra & Nel, in Alvarez-Parra *et al.*, 2024b: 3. Gender: M. Type species: *Danyazarius magnificus* Alvarez-Parra & Nel.

*Danyazarius magnificus** Alvarez-Parra & Nel, in Alvarez-Parra *et al.*, 2024b: 3. Eocene Oise amber, France (I) (A).

*Santonipsocus*** Alvarez-Parra, Nel, Perrichot, & Jouault, 2024: 186. Gender: M. Type species: *Santonipsocus mimeticus* Alvarez-Parra, Nel, Perrichot, & Jouault.

*Santonipsocus mimeticus** Alvarez-Parra, Nel, Perrichot, & Jouault: 186. France (I), Cretaceous amber (A).

Psoquillidae

Rhyposocus pandanicola Thornton, Lee & Chui. Tanzania: Zanzibar (VI): Georgiev, 2024b.

Trogiidae

Cerobasis guestfalica (Kolbe). Belarus (I): Ostrovsky, 2024.

Lepinotus inquilinus Heyden. Belarus (I): Ostrovsky, 2024. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Lepinotus reticulatus Enderlein. Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Trogium apterum Broadhead & Richards. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Trogium pulsatorium (Linnaeus). Belarus (I): Ostrovsky, 2024.

Lepidopsocidae

Echmepteryx falco (Badonnel). Tanzania: Zanzibar (VI): Georgiev, 2024b.

Echmepteryx madagascariensis (Kolbe). Tanzania: Zanzibar (VI): Georgiev, 2024b.

Echmepteryx pallida Smithers. Tanzania: Zanzibar (VI): Georgiev, 2024b.

Pachytroctidae

*Cretacetrocta*** Hakim & Azar, in Hakim *et al.*, 2024: 397. Gender: F. Type species: *Cretacetrocta libanella* Hakim & Azar. Genus assigned to subfamily Tapinellinae.

*Cretacetrocta libanella** Hakim & Azar, in Hakim *et al.*, 2024: 398. Lebanon (I), Early Cretaceous amber (A).

Nanopsocus Pearman. Key to species: Georgiev, 2024d.

Nanopsocus spec. Tanzania: Zanzibar (VI): Georgiev, 2024b.

*Nanopsocus ajabu** Georgiev, 2024d: 250. Tanzania: Zanzibar (VI).

Liposcelididae

Checklist of amber species (A): Boudinot *et al.*, 2024: 120.

Belaphotorctes spec. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Liposcelis albothoracica Broadhead. Tanzania: Zanzibar (VI): Georgiev, 2024b.

- Liposcelis aleksandrowiczi* Georgiev, Ostrovsky & Lienhard, 2020. Belarus (I): Ostrovsky & Georgiev, 2024.
- Liposcelis bostrychophila* Badonnel. Belarus (I): Ostrovsky & Georgiev, 2024. Iran (I): Mehrafrooz Mayvan *et al.*, 2024. Genet.: Jiang Shi-Die *et al.*, 2024a (chromosome level genome); Wang Xiao *et al.*, 2024 (gene expression in response to high and low temperature stress). Parasit.: Guo Peng-Yu *et al.*, 2023 (novel Iflavirus). Pest: Feng Hua-Yue *et al.*, 2024 (control).
- Liposcelis brunnea* Motschulsky. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis corrodens* (Heymons). Belarus (I): Ostrovsky & Georgiev, 2024. Bulgaria (I): Georgiev, 2024f. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis decolor* (Pearman). Belarus (I): Ostrovsky & Georgiev, 2024. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis divinatoria* (Müller). Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis edaphica* Lienhard. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis entomophila* (Enderlein). Belarus (I): Ostrovsky & Georgiev, 2024 (cf. *entomophila*). Tanzania: Zanzibar (VI): Georgiev, 2024b.
- Liposcelis formicaria* (Hagen). Belarus (I): Ostrovsky & Georgiev, 2024. Bulgaria (I): Georgiev, 2024f.
- Liposcelis keleri* Günther. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis paeta* Pearman. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis pearmani* Lienhard. Belarus (I): Ostrovsky & Georgiev, 2024.
- Liposcelis priesneri* Enderlein. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis rufa* Broadhead. Bulgaria (I): Georgiev, 2024f.
- Liposcelis silvarum* (Kolbe). Belarus (I): Ostrovsky & Georgiev, 2024. Bulgaria (I): Georgiev, 2024f. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
- Liposcelis tricolor* Badonnel. Genet.: Jiang Shi-Die *et al.*, 2024b (chromosome level genome).

Amphientomidae

Checklist of amber species (A): Boudinot *et al.*, 2024: 120.

Amphientomum Pictet. Checklist of described species and key to all species: Boudinot *et al.*, 2024.

Amphientomum ectostriolate Li, 1999

Amphientomum ectostriolatum Li, 2002 [available unjustified emendation by Li, 2002]. **Synonymy:** Boudinot *et al.*, 2024: 134.

*Amphientomum knorrei** Weingardt, Bock & Boudinot, *in* Boudinot *et al.*, 2024: 121. Copal (VI) (East Africa?) (A).

Archipsocidae

Checklist of amber species (A): Boudinot *et al.*, 2024: 121.

Archipsocopsis fernandi (Pearman). Tanzania: Zanzibar (VI): Georgiev, 2024b.

Archipsocopsis machadoi (Badonnel). Tanzania: Zanzibar (VI): Georgiev, 2024b.

Archipsocus ghesquieri Badonnel. Tanzania: Zanzibar (VI): Georgiev, 2024b.

*Archipsocus michamwiensis** Georgiev, 2024c: 100. Tanzania: Zanzibar (VI).

Paracaeciliidae

Enderleinella obsoleta (Stephens). Belarus (I): Ostrovsky, 2024.

Paracaecilius japanus (Enderlein). Japan (VIII): Suzuki, 2024 (spider as predator this psocid).

Paracaecilius mokotensis (Badonnel). Rwanda (VI): Georgiev, 2024e.

Stenopsocidae

Systematic revision and key to genera: Liang Feiyang & Liu Xingyue, 2024.

Graphopsocus cruciatus (Linnaeus). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

*Neostenopsocus*** Liang Feiyang & Liu Xingyue, 2024: 439. Gender: M. Type species: *Stenopsocus externus* Banks.

Neostenopsocus abnormis (Liang Feiyang, Li Fasheng & Liu Xingyue, 2017). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus adisoemartoi (Vaughan, Thornton & New). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus albipileus (Smithers). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus albus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus angustifurcus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus angustistriatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus anthracinus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus aureus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus bellatulus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus betulus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus biconicus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus biconvexus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus bimaculatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus bipunctatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus bombus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus brachychelus (Li Fasheng & Yang Chikun). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus brachycladus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus brachyodicrus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus brevicapitus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus brevivalvaris (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus capacimacularus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus cassideus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus ceuthozibrinus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus changbaishanicus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus concisus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus daozeniensis (Li Fasheng, 2005b). Liang Feiyang & Liu Xingyue, 2024: 439 (**from** *Stenopsocus*).

Neostenopsocus dichospilus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus dictyodromus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus disphaeroides (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus emeishanicus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus eucallus (Li Fasheng & Yang Chikun). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus externus (Banks). Liang Feiyang & Liu Xingyue 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus fanjingshanicus (Li Fasheng & Yang Chikun). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus faungi (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus flavicaudatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus flavifrons (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus flavinigrus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus floralis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus foliaceus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus formosanus (Banks). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus frontalis (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus frontimaculatus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus fulivertex (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus gannanensis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus gansuensis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus genostictus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus gibbulosus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus gracilimaculatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus gracillimus (Li Fasheng & Yang Chikun). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus guizhouiensis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus hemiostictus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus hexagonus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus huangshanicus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus isotomus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus jocosus (Banks). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus lacteus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus laterimaculatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus lemniscingulaeis (Li Fasheng, 2005b). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus lifashengi (Mockford, 2003c). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus liuae (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus liupanshanensis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus longicuspis (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus longitudinalis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus macrocheirus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus maculosus (Li Fasheng & Yang Chikun). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus makii (Takahashi). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus maximalis (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus melanocephalus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus metastictus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus naevicapitatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus nepalensis (New). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus nigricellus (Okamoto). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus obscurus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus oculimaculatus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus pallidus (Thornton & Wong). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus parviforficatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus pavonicus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus paaxillivalvaris (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus percussus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus periostictus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus perspicuus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus phaeostigmus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus phaneostriatus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus platynotus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus platyocephalus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus podorphus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus polyceratus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus pygmaeus (Enderlein). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus qianipullus (Li Fasheng, 2005b). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus radimaculatus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus revolutus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus rubellus (Thornton). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus shennongjiaensis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus signatipennis (New). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus silvaticus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus spongiosus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus stigmaticus (Imhoff & Labram). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*). Belarus (I): Ostrovsky, 2024.

Neostenopsocus striolatus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus symipsarous (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus thermophilus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus tibialis (Banks). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus tribulbus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus tripartibilis (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus trisetus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus turgidus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus uniformis (Hagen). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus valvilacteus (Li Fasheng, 2005b). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus wangi (Liang Feiyang, Li Fasheng & Liu Xingyue, 2017). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus wuxiaensis (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus xanthophaeus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus xanthostigmus (Li Fasheng, 2002a). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).

Neostenopsocus xiangxiensis (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).
Neostenopsocus xilingxianicus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).
Neostenopsocus zonatus (Li Fasheng). Liang Feiyang & Liu Xingyue, 2024: 440 (**from** *Stenopsocus*).
Stenopsocus spec. Vietnam (VIII): Georgiev *et al.*, 2024b.
*Stenopsocus beroni** Georgiev & Quang-Manh, in Georgiev *et al.*, 2024a: 2. Vietnam (VIII).
Stenopsocus immaculatus (Stephens). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
Stenopsocus lachlani Kolbe. Bulgaria (I): Georgiev, 2024f.
*Stenopsocus tamdao** Georgiev & Quang-Manh, in Georgiev *et al.*, 2024a: 4. Vietnam (VIII).

Amphipsocidae

Amphipsocus spec. Vietnam (VIII): Georgiev *et al.*, 2024b.
Amphipsocus declivimaculatus Li Fasheng. Vietnam (VIII): Georgiev *et al.*, 2024b (cf. *declivimaculatus*).
Kolbia quisquiliarum Bertkau. Belarus (I): Ostrovsky, 2024.
Taeniosigma spec. Vietnam (VIII): Georgiev *et al.*, 2024b.

Caeciliusidae

Caecilius fuscopterus (Latreille). Belarus (I): Ostrovsky, 2024.
Caecilius persimilaris (Thornton & Wong). Vietnam (VIII): Georgiev *et al.*, 2024b.
Fuelleborniella intermedia Badonnel. Rwanda (VI): Georgiev, 2024e.
Isophanes platystigma Li Fasheng. Vietnam (VIII): Georgiev *et al.*, 2024b (cf. *platystigma*).
Valenzuela spec. Vietnam (VIII): Georgiev *et al.*, 2024b.
Valenzuela atricornis (McLachlan). Belarus (I): Ostrovsky, 2024.
Valenzuela burmeisteri (Brauer). Bulgaria (I): Georgiev, 2024f.
Valenzuela corsicus (Kolbe). Belarus (I): Ostrovsky, 2024.
Valenzuela despaxi (Badonnel). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
Valenzuela flavidus (Stephens). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f. Russia (Udmurtia) (I): Ermolaev, 2024 (ecol.: using leaf mines as cover).
Valenzuela gracilis (Okamoto). Vietnam (VIII): Georgiev *et al.*, 2024b.
Valenzuela gynapterus (Tetens). Belarus (I): Ostrovsky, 2024.
Valenzuela piceus (Kolbe). Bulgaria (I): Georgiev, 2024f.
Valenzuela similis (Badonnel). Rwanda (VI): Georgiev, 2024e.
Valenzuela virgatus (Broadhead & Richards). Tanzania: Zanzibar (VI): Georgiev, 2024b.

Lachesillidae

Lachesilla bernardi Badonnel. Bulgaria (I): Georgiev, 2024f.
Lachesilla mucronata Badonnel. Rwanda (VI): Georgiev, 2024e.
Lachesilla pedicularia (Linnaeus). Belarus (I): Ostrovsky, 2024.
Lachesilla quercus (Kolbe). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
Lachesilla tanaidana Roesler. Belarus (I): Ostrovsky, 2024.

Peripsocidae

Bicuspidatus Li Fasheng. Revised diagnosis and key to species: Cao Leran & Liu Xingyue 2024.
Bicuspidatus pulchripunctatus Li Fasheng. Redescription: Cao Leran & Liu Xingyue 2024.
Bicuspidatus guangdongensis Li Fasheng. **Synonymy**: Cao Leran & Liu Xingyue 2024: 257.
Bicuspidatus sigillatus Li Fasheng. **Synonymy**: Cao Leran & Liu Xingyue 2024: 257.
*Bicuspidatus xizangensis** Cao Leran & Liu Xingyue 2024: 261. China (VIII).
Peripsocus spec. Vietnam (VIII): Georgiev *et al.*, 2024b.
Peripsocus alboguttatus (Dalman). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
Peripsocus constrictus Thornton & Wong. Uganda (VI): Georgiev, 2024a (cf. *constrictus*).
Peripsocus didymus Roesler. Bulgaria (I): Georgiev, 2024f.
Peripsocus parvulus Kolbe. Belarus (I): Ostrovsky, 2024.
Peripsocus pauliani Badonnel. Vietnam (VIII): Georgiev *et al.*, 2024b.
Peripsocus phaeopterus (Stephens). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
Peripsocus subfasciatus (Rambur). Belarus (I): Ostrovsky, 2024.

Ectopsocidae

Ectopsocopsis cryptomeriae (Enderlein). Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Ectopsocus briggsi McLachlan. Belarus (I): Ostrovsky, 2024. Iran (I): Mehrafrooz Mayvan *et al.*, 2024. Rwanda (VI): Georgiev, 2024e.
Ectopsocus coccophilus Ball. Tanzania: Zanzibar (VI): Georgiev, 2024b.
Ectopsocus maindroni Badonnel. Tanzania: Zanzibar (VI): Georgiev, 2024b.
Ectopsocus petersi Smithers. Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
Ectopsocus pilosus Badonnel. Tanzania: Zanzibar (VI): Georgiev, 2024b.
Ectopsocus similis Badonnel. Tanzania: Zanzibar (VI): Georgiev, 2024b.
Ectopsocus vachoni Badonnel. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
Ectopsocus vilhenai Badonnel. Rwanda (VI): Georgiev, 2024e.
Ectopsocus vishnyakovae Schmidt. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Elipsocidae

Cuneopalpus cyanops (Rostock). Bulgaria (I): Georgiev, 2024f.
Elipsocus abdominalis Reuter. Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
Elipsocus moebiusi Tetens. Bulgaria (I): Georgiev, 2024f.
Hemineura dispar Tetens. Albania (I): Georgiev *et al.*, 2024c. Bulgaria (I): Georgiev, 2024f.
Hemineura wittmeri Badonnel. Georgia (I): Seropian & Bulbulashvili, 2024.
Propsocus pulchripennis (Perkins). Iberian Peninsula (Spain, Portugal) (I): Roman & Franch, 2024.
Reuterella helvimacula (Enderlein). Bulgaria (I): Georgiev, 2024f.

Mesopsocidae

Mesopsocus hiemalis Marikowskii. Iran (I): Mehrafrooz Mayvan *et al.*, 2024.
Mesopsocus immunis (Stephens). Albania, Serbia (I): Georgiev *et al.*, 2024c.
Mesopsocus unipunctatus (Müller). Bulgaria (I): Georgiev, 2024f.

Philotarsidae

Philotarsus parviceps Roesler. Bulgaria (I): Georgiev, 2024f.
Philotarsus picicornis (Fabricius). Bulgaria (I): Georgiev, 2024f.

Trichopsocidae

Trichopsocus dalii (McLachlan). Iran (I): Mehrafrooz Mayvan *et al.*, 2024.

Calopsocidae / Pseudocaeciliidae (NB: The family definition of "Pseudocaeciliidae *sensu lato*" proposed by Yoshizawa & Johnson, 2014 is here accepted, so the name Pseudocaeciliidae Pearman, 1936 becomes a junior subjective synonym of Calopsocidae Kolbe, 1882).

Heterocaecilius fuscipalpus Lee & Thornton. Vietnam (VIII): Georgiev *et al.*, 2024b.
Pseudocaecilius spec. Vietnam (VIII): Georgiev *et al.*, 2024b.

Ptiloneuridae

Euplocania Enderlein. Gonzalez-Obando *et al.*, 2024: List of species groups (some of them rediagnosed, former group D newly named group *erwini*), each with all species included, key to species groups (based on males).
*Euplocania coyolarensis** Gonzalez-Obando, Garcia-Aldrete, Carrejo-Gironza & Vinasco-Mondragon, 2024: 401. Nicaragua (IV).
*Euplocania erwini** Gonzalez-Obando, Garcia-Aldrete, Carrejo-Gironza & Vinasco-Mondragon, 2024: 402. Ecuador (V).
*Euplocania siona** Gonzalez-Obando, Garcia-Aldrete, Carrejo-Gironza & Vinasco-Mondragon, 2024: 404. Colombia (V).
Ptiloneuropsis Roesler. Generic diagnosis, distribution, key to species (based on males): Soares Reategui *et al.*, 2024.
Ptiloneuropsis immaculata Roesler. Redescription based on the neotype designated by Garcia Aldrete, 2004c: Soares Reategui *et al.*, 2024: 384. Brazil (V).
*Ptiloneuropsis krenaki** Soares Reategui, Lopes Ferreira, Rafael & Moreira da Silva-Neto, 2024: 386. Brazil (V). Morph.: Soares Reategui *et al.*, 2024 (variability of wing venation). Ecol.: Soares Reategui *et al.*, 2024 (living in caves).

Epipsocidae

Epipsocus spec. Vietnam (VIII): Georgiev *et al.*, 2024b.

- Neurostigma* Enderlein. Reategui *et al.*, 2024b: Known species of the genus, species groups, sexes known, general distribution and distribution in Brazilian states, variability of wing venation.
- Neurostigma enderleini* New. Reategui *et al.*, 2024b: Redescription of male, first description of female; Brazil (V).
- Neurostigma roesleri* New. Reategui *et al.*, 2024b: Redescription of female and male; Brazil (V).
Neurostigma garcialdretei Mendivil Nieto, Gonzalez Obando & Carrejo Gironza, 2020. **Synonymy:** Reategui *et al.*, 2024b: 13.
- Neurostigma xanthopterum* New. Reategui *et al.*, 2024b: Further description; Brazil (V).

Psocidae

- Amphigerontia bifasciata* (Latreille). Belarus (I): Ostrovsky, 2024.
- Amphigerontia contaminata* (Stephens). Belarus (I): Ostrovsky, 2024.
- Amphigerontia intermedia* (Tetens). Bulgaria (I): Georgiev *et al.*, 2024c.
- Blaste conspurcata* (Rambur). Belarus (I): Ostrovsky, 2024.
- Blaste nairobiensis* New. Rwanda (VI): Georgiev, 2024e.
- Hyalopsocus contrarius* (Reuter). Belarus (I): Ostrovsky, 2024.
- Metylophorus nebulosus* (Stephens). Belarus (I): Ostrovsky, 2024.
- Neopsocopsis hirticornis* (Reuter). Belarus (I): Ostrovsky, 2024.
- Psococerastis bengalensis* (Kolbe). Vietnam (VIII): Georgiev *et al.*, 2024b.
- Psococerastis gibbosa* (Sulzer). Belarus (I): Ostrovsky, 2024. Bulgaria (I): Georgiev, 2024f.
- Psococerastis taprobanes* (Hagen). Vietnam (VIII): Georgiev *et al.*, 2024b.
- Psococerastis tokyoensis* (Enderlein). Vietnam (VIII): Georgiev *et al.*, 2024b.
- Ptycta apicalis* Broadhead & Richards. Rwanda (VI): Georgiev, 2024e.
- Ptycta nadleri* Galil. Bulgaria (I): Georgiev *et al.*, 2024c.
- Trichadenotecnum majus* (Kolbe). Belarus (I): Ostrovsky, 2024.

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 23 of the "Additions"; see also **Synthesis of Parts 1-10** (Lienhard, 2016d = Psocid News Special Issue 3) and **Synthesis of Parts 11-20** (Lienhard, 2021b = Psocid News Special Issue 4).

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

For a **subject bibliography** see below and Lienhard, 2016c (Psocid News Special Issue 2), Lienhard, 2021b (Psocid News Special Issue 4) and Lienhard, 2022, 2023a, 2024a (= Parts 21-23 of the "Additions").

- Alvarez-Parra, S., Nel, A., Perrichot, V. & Jouault, C. 2024a. Unravelling the mishmash: A new phylogeny for the family Empheriidae (Psocodea, Trogiomorpha) with a new genus and species from Cretaceous Charentese amber. *Arthropod Systematics and Phylogeny* 82: 183-199, 6 figs.
- Alvarez-Parra, S., Nel, A. & Azar, D. 2024b. Overview of Psocodea in Eocene Oise amber and implications for the transition to modern-day barklice communities. *Papers in Palaeontology* 10(6), 2024, e1609, 21 pp., 9 figs.
- Baker, Z. & Hayssen, V. 2024. A practical guide to avoiding biased communication in reproductive biology. *Integrative and Comparative Biology*, vol. 0, 17 pp.
- Boudinot, B. E., Bock, B. L., Weingardt, M., Tröger, D., Batelka, J., Li Di, Richter, A., Pohl, H., Moosdorf, O. T. D., Jandausch, K., Hammel, J. U. & Beutel, R. G. 2024. *Et latet et lucet*: Discoveries from the Phyletisches Museum amber and copal collection in Jena, Germany. *Deutsche Entomologische Zeitschrift* 71(1): 111-176, 24 figs and 6 figs in Appendix. (Psoc.: pp. 120-140, Fig. 16 on p. 141 and p. 160).
- Cao Leran & Liu Xingyue 2024. Revision of the bark louse genus *Bicuspidatus* (Psocodea: Peripsocidae) with description of a new species from China. *Zootaxa* 5410 (2): 254-266, 68 figs.
- Dagatti, C. V., Fernandez Campon, F., Gonzalez, M. F., Mazzitelli, M. E., Marcucci, B., Solis, S. E., Bonfanti, S. & Uliarte, E. M. 2024. Diversidad de insectos, colémbolos y arañas en viñedos bajo

- diferentes sistemas de producción, convencional y agroecológico, en Mendoza, Argentina. *Ecologia Austral* 34(1): 141-158.
- Ermolaev, I. V. 2024. Ecological relationships of aboriginal dendrobiotic arthropods with invasive lime miner *Phyllonorycter issikii* (Kumata, 1963) (Lepidoptera, Gracillariidae). *Russian Journal of Biological Invasions* 15(2): 162-168. **(Only abstract seen)**.
- Feng Hua-Yue, Chen Zhi-Dong, Jiang Shi-Die, Miao Ze-Qing, Wang Jin-Jun & Wei Dan-Dan 2024. Characterization and expression of heat shock protein 70s in *Liposcelis bostrychophila*: Insights into their roles in insecticidal stress response. *Journal of Stored Products Research* 106: 102289. **(Not seen)**.
- Georgiev, D. 2024a. One more "Asian" psocid (Insecta: Psocodea) found in Africa? *ZooNotes* 231: 1-4, 2 figs.
- Georgiev, D. 2024b. A new collection of Psocodea (Insecta) from Unguja Island (Zanzibar, Tanzania). *ZooNotes* 237: 1-4.
- Georgiev, D. 2024c. *Archipsocus michamwiensis* n. sp. – a new species of Psocoptera (Insecta) from Zanzibar (Tanzania). *Historia naturalis bulgarica* 46(4): 99-102, 2 figs.
- Georgiev, D. 2024d. Description of the sixth known species from the genus *Nanopsocus* Pearman, 1928 (Insecta: Psocodea) from Zanzibar. *Historia naturalis bulgarica* 46(9): 249-252, 2 figs.
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5. Subject Bibliography for Part 24 of the Additions

NOTE: A Subject Bibliography for Lienhard & Smithers (2002) and for Parts 1-15 of the Additions is given by Lienhard (2016c = Psocid News Special Issue 2) and for Parts 16-20 in Lienhard (2021b = Psocid News Special Issue 4). For Parts 21-23 of the Additions the subject bibliography is given by Lienhard, 2022, 2023a, 2024a.

Biology, life history, physiology, genetics

2024 Jiang Shi-Die *et al.*, 2024a, 2024b (Add. 24) (chromosome level genome, *Liposcelis*)

2024 Wang Xiao *et al.*, 2024 (Add. 24) (*Liposcelis*, gene expression in response to high and low temperature stress)

Collections

2024 Boudinot *et al.*, 2024 (Add. 24) (amber and copal collection of Phyletisches Museum Jena)

Ecology

- 2024 Dagatti *et al.*, 2024 (Add. 24) (Argentina, in vineyard, not further identified)
- 2024 Ermolaev, 2024 (Add. 24) (*Valenzuela flavidus* using leaf mines as cover)
- 2024 Soares Reategui *et al.*, 2024 (Add. 24) (*Ptiloneuropsis* living in caves)
- 2024 Warburg & Steinberger, 2024 (Add. 24) (soil psocids in ant nests in Negev Desert, Israel)
- 2024 Wu Zhendan *et al.*, 2024 (Add. 24) (soil fauna, Inner Mongolia, China)

General treatises, keys, bibliographies

- 2024 Lienhard, 2024a (Add. 24) (Additions to the World Catalogue and Bibliography, Part 23)

History, biographies

- 2024 Lienhard, 2024c (Add. 24) (autobiographical remarks)

Morphology, anatomy

- 2024 Kawata *et al.*, 2024 (Add. 24) (pterothoracic musculature)
- 2024 Soares Reategui *et al.*, 2024 (Add. 24) (variability of wing venation)

Nomenclature

- 2024 Baker & Hayssen, 2024 (Add. 24) (terminology: penis vs. intromittent organ)

Palaeontology

- 2024 Alvarez-Parra *et al.*, 2024a (Add. 24) (Cretaceous Charentese amber)
- 2024 Alvarez-Parra *et al.*, 2024b (Add. 24) (Eocene Oise amber)
- 2024 Boudinot *et al.*, 2024 (Add. 24) (amber and copal collection of Phyletisches Museum Jena)
- 2024 Hakim & Azar, 2024 (Add. 24) (review, checklist and key to Psocodea ('Psocoptera') from Early Cretaceous Lebanese amber)
- 2024 Hakim *et al.*, 2024: 398 (Add. 24) (Early Cretaceous Lebanese amber)
- 2024 Montagna *et al.*, 2024 (Add. 24) (fragmentary fossil from Middle Triassic showing Psocodea-like wing venation)
- 2024 Ross, 2024 (Add. 24) (supplement to the Burmese (Myanmar) amber checklist and bibliography, 2023)
- 2024 Zhang Yanjie *et al.*, 2024 (Add. 24) (stem chewing lice in Cretaceous amber)

Pests

- 2024 Feng Hua-Yue *et al.*, 2024 (Add. 24) (*Liposcelis*, control)

Phylogeny, evolution, classification

- 2024 Alvarez-Parra *et al.*, 2024a (Add. 24) (phylogeny of Trogiomorpha and Empheriidae)
- 2024 Alvarez-Parra *et al.*, 2024b (Add. 24) (evolutionary history of psocid communities)
- 2024 Kawata *et al.*, 2024 (Add. 24) (monophyly of Paraneoptera)
- 2024 Zhang Yanjie *et al.*, 2024 (Add. 24) (Psocodea phylogeny)

Predators, parasites, parasitoids

- 2023 Guo Peng-Yu *et al.*, 2023 (Add. 24) (novel Iflavirus, *Liposcelis*)
- 2024 Sanchez-Loja *et al.*, 2024 (Add. 24) (poison frogs as predator)
- 2024 Suzuki, 2024 (Add. 24) (spider as predator)

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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