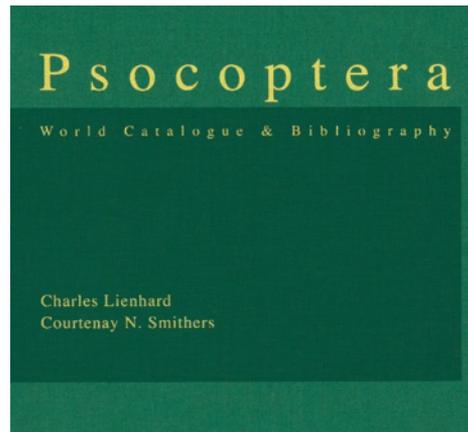


# Psocid News

The Psocidologists' Newsletter  
No. 28 (Feb 28, 2026)



## NOTICE: FUTURE OF *PSOCID NEWS* AND *PSOCONET* WEBSITE

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Since the first issue of *Psocid News* in 2001, Charles Lienhard has been the most important contributor to this newsletter. In particular, for more than 20 years since 2003, he has continuously published updates of *Psocoptera (Insecta) – World Catalogue and Bibliography*, one of the most important publications in the study of psocids.

This issue of *Psocid News* also includes another update, which is expected to be the last one contributed by Charles himself. I would like to express my deepest gratitude for his long-standing contributions.

Charles's decision also means that *Psocid News* will no longer have regular submissions. Therefore, it is time to consider the future of *Psocid News*. As the editor, I am planning the following changes:

- This issue will be the last regularly published issue of *Psocid News*. Future submissions will still be welcome and published on an occasional basis, but regular publication will cease.
- The [www.psocodea.org](http://www.psocodea.org) account will be closed by Oct. 2026. The *PsocoNet* website will be moved to the following URL:  
<http://lab.agr.hokudai.ac.jp/system/PsocoNet/>
- If anyone is interested in taking over the *PsocoNet* website, *Psocid News*, or updates of the Catalogue, please feel free to contact me.
- Back issues of *Psocid News* will continue to be available at the following address:  
<https://hdl.handle.net/2115/35519>

I would like to once again express my sincere thanks to all past contributors, especially to Dr. Charles Lienhard!!!

## **ADDITIONS AND CORRECTIONS (PART 25) TO LIENHARD & SMITHERS, 2002: "PSOCOPTERA (INSECTA) – WORLD CATALOGUE AND BIBLIOGRAPHY"**

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### **1. Introduction**

This is part 25 of a series of "Additions and Corrections to the World Catalogue and Bibliography" (Lienhard & Smithers, 2002) published in "Psocid News". Parts 1-24 were published in Psocid News no. 4-27 (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 1-25)**

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 25 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. 4-28) 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): 1-14 (= Lienhard, 2025)  
Part 25 – Psocid News, no. 28 (2026) (= 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, 25), 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, 25), 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, 25), Georgia (Parts 23, 24), Germany (Parts 1, 3, 4, 5, 7, 8, 10, 11, 12, 14, 16, 19, 20, 21, 22, 23, 25), 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, 25), Hungary (Parts 1, 3, 10), Iceland (Part 10), Iran (Parts 6, 8, 15, 16, 17, 18, 24, 25), 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, 25), Jordan (Part 21), Kosovo (Part 14), Lebanon (Parts 6, 7, 9, 10, 11, 13, 14, 19, 21, 22, 24, 25), 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, 25), 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, 25), 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, 25), Brazil (Parts 1, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25), Chile (Parts 1, 4, 6, 8, 21), Colombia (Parts 1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25), Ecuador (Parts 1, 6, 8, 13, 15, 16, 18, 20, 22, 24, 25), French Guiana (Parts 18, 23, 25), 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, 25), 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, 25), Hong Kong (Part 5), India (Parts 3, 5, 6, 7, 11, 15, 20, 21, 22, 23, 25), 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, 25), Nepal (Parts 7, 18, 25), 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, 25), Lord Howe Island (Parts 4, 7), New Zealand (Parts 1, 4, 13, 16, 18, 25), 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, 25)

### 3. Additions to the Catalogue

#### **Psocodea** (selected general references)

Gustafsson *et al.*, 2025: Phthiraptera systematics and phylogeny.

#### **Psocoptera**

Silva Neto *et al.*, 2024: Brazil (V), biodiversity and taxonomy (with key to families). Bajracharya *et al.*, 2025: Nepal (VIII), bats as predators. Crofts-Bennett & Lord, 2025: New Zealand (IX), on mistletoes. Dorado-Suarez *et al.*, 2025: Colombia (V), on cacao. Floren & Mueller, 2025: ants as predators. Georgiev, 2025c: French Guiana (V), checklist. Hartung *et al.* 2025: Germany (I): list of alien species (recorded or not yet recorded, but possible for the near future). Lienhard, 2025: Additions to the World Catalogue and Bibliography, Part 24. Qi Runsheng *et al.* 2025: counting method for automated pest monitoring. Stejskal *et al.*, 2025: psocids as pests. Viana-Junior *et al.*, 2025: Brazil (V), tree crown dwelling arthropods. Yoshizawa, 2025 (ed.): Newsletter. Youmessi, 2025: Cameroon (VI), presence of psocids on rat carcasses.

#### **Trogiomorpha**

Weingardt *et al.*, 2025: Phylogeny, character evolution. Proposition of monophyletic Trogiomorpha s. l. (incl. *Brachyantennum*) and Trogiomorpha s. str. (possibly incl. Cormopsocidae), the latter comprising Prionoglarididae and monophyletic Spinaparaprocta. The new taxon name Spinaparaprocta is proposed for the unranked group containing Atropetae and Psyllipsocetae as sister taxa (p. 37 and fig. 21). In the abstract the new name is misspelled Spinaprocta!

Li Sheng *et al.*, 2025: Checklist of all described fossil Trogiomorpha.

#### **Prionoglarididae**

*Prionoglaris stygia* Enderlein. France (I): Ariagno *et al.*, 2025 (in caves).

#### **Psyllipsocidae**

Synopsis of fossil Psyllipsocidae and key for all extinct species of Psyllipsocidae: Weingardt *et al.*, 2025.

Key to genera (for winged forms): Yang Xiao-yue *et al.*, 2025: 598.

*Concavapsocus* Wang Ruiqian, Li Sheng, Ren Dong & Yao Yunzhi, 2019. Revised diagnosis: Yang Xiao-yue *et al.*, 2025: 595.

*Concavapsocus valvaculeiformus*\* Yang Xiao-yue, Li Sheng, Ren Dong & Yao Yun-Zhi 2025: 596. Myanmar (VIII), mid-Cretaceous amber (A).

*Dorypteryx domestica* (Smithers). Bulgaria (I): Georgiev & Genchev, 2025. France (I): Hasnaoui *et al.*, 2025 (pest in houses).

*Dorypteryx longipennis* Smithers. France (I): Hasnaoui *et al.*, 2025 (pest in houses).

**Psyllipsocus** Selys-Longchamps.

*Khatangia* Vishnyakova. **Synonymy:** Weingardt *et al.*, 2025.

**Psyllipsocus inclusus** (Vishnyakova). Weingardt *et al.*, 2025: 25 (from *Khatangia*).

**Psyllipsocus mili\*** Weingardt, Liang & Yoshizawa in Weingardt *et al.*, 2025: 10. Myanmar (VIII), Mid-Cretaceous amber (A).

**Psyllipsocus ramburii** Selys-Longchamp. Bulgaria (I): Georgiev & Genchev, 2025. France (I): Ariagno *et al.*, 2025 (in caves); Hasnaoui *et al.*, 2025 (pest in houses). Iran (I): Mehrafrooz Mayvan *et al.*, 2025 (in caves).

### Empheriidae

**Archaeatropoglaris\*\*** Hakim, Maalouf, & Azar, 2025: 2. Gender: F. Type species: *Archaeatropoglaris libanensis* Hakim, Maalouf, & Azar.

**Archaeatropoglaris libanensis\*** Hakim, Maalouf, & Azar, 2025: 2. Early Cretaceous amber, Lebanon (I) (A).

**Archaeatropos randatae** (Azar & Nel, 2004). Lebanon (I), Early Cretaceous amber (A): Hakim *et al.*, 2025: 5 (emended diagnosis).

**Setoglaris reemae** Azar & Nel, 2004. Lebanon (I), Early Cretaceous amber (A): Hakim *et al.*, 2025: 6 (cf. *reemae*).

### Trogiidae

**Cerobasis guestfalica** (Kolbe). Bulgaria (I): Georgiev, 2025d. Greece (I): Georgiev, 2025a. Italy (I): Sparacio *et al.*, 2025.

**Lepinotus inquilinus** Heyden. Bulgaria (I): Georgiev & Genchev, 2025. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

**Lepinotus reticulatus** Enderlein. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Iran (I): Mehrafrooz Mayvan *et al.*, 2025. Italy (I): Sparacio *et al.*, 2025.

**Trogium apterum** Broadhead & Richards. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

**Trogium pulsatorium** (Linnaeus). France (I): Hasnaoui *et al.*, 2025 (pest in houses). Greece (I): Georgiev, 2025a.

### Lepidopsocidae

**Echmepteryx falco** (Badonnel). French Guiana (V): Georgiev, 2025e.

**Echmepteryx madagascariensis** (Kolbe). French Guiana (V): Georgiev, 2025c.

**Echmepteryx pallida** Smithers. French Guiana (V): Georgiev, 2025e.

**Lepidopsocus marmoratus** (Banks). French Guiana (V): Georgiev, 2025c.

**Proentomum personatum** Badonnel. French Guiana (V): Georgiev, 2025e.

### Pachytroctidae

**Libanopachytrocta\*\*** Hakim & Azar, 2025: 5. Gender: F. Type species: *Libanopachytrocta planaspinosa* Hakim & Azar. Genus assigned to subfamily Pachytroctinae.

**Libanopachytrocta planaspinosa\*** Hakim & Azar, 2025: 5. Early Cretaceous amber, Lebanon (I) (A).

**Peritroctes trifasciatus** Badonnel. French Guiana (V): Georgiev, 2025c.

**Tapinella maculata** Mockford & Gurney. French Guiana (V): Georgiev, 2025e.

**Tapinella mishevi\*** Georgiev, 2025b: 2. French Guiana (V).

**Tapinella montjoliensis** Georgiev, 2023g. French Guiana (V): Georgiev, 2025e.

### Liposcelididae

**Belaphotroctes** spec. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

**Liposcelis** spec. Brazil (V): Folha Ferreira *et al.*, 2025 (in social wasp nest).

**Liposcelis bostrychophila** Badonnel. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025. Italy (I): Sparacio *et al.*, 2025 (cf. *bostrychophila*). Brazil (V): Barbosa *et al.*, 2025 (ecol). French Guiana (V): Georgiev, 2025c. Pest and endosymbiont: Bai Chunqi *et al.* 2025. Genetics: Sun Jun *et al.*, 2025 (olfactory-related genes); Jiang Shi-Die *et al.*, 2025 (chromosome-level genome). Pest and control: Gu Yong-Qing *et al.*, 2025; Hu Yiwang *et al.* 2025 (mite as biocontrol). Physiol.: Tanaka *et al.*, 2025 (dry acclimation).

**Liposcelis brunnea** Motschulsky. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

**Liposcelis corrodens** (Heymons). Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. France (I): Hasnaoui *et al.*, 2025 (pest in houses). Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis decolor* (Pearman). Bulgaria (I): Georgiev & Genchev, 2025. France (I): Hasnaoui *et al.*, 2025 (pest in houses). Greece (I): Georgiev, 2025a. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025. Genetics: Sun Jun *et al.*, 2025 (olfactory-related genes). Predat.: Bosomtwe *et al.*, 2025a, 2025b, 2025c (Hemiptera as predator).

*Liposcelis divinatoria* (Müller). Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis edaphica* Lienhard. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis entomophila* (Enderlein). Genetics: Sun Jun *et al.*, 2025 (olfactory-related genes).

*Liposcelis keleri* Günther. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis paeta* Pearman. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis pearmani* Lienhard. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a.

*Liposcelis priesneri* Enderlein. Bulgaria (I): Georgiev & Genchev, 2025. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis rufa* Broadhead. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025.

*Liposcelis rugosa* Badonnel. Italy (I): Sparacio *et al.*, 2025 (cf. *rugosa*).

*Liposcelis silvarum* (Kolbe). Bulgaria (I): Georgiev, 2025d. Greece (I): Georgiev, 2025a. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

*Liposcelis tricolor* Badonnel. Genetics: Sun Jun *et al.*, 2025 (olfactory-related genes).

*Liposcelis yangi* Li Zhihong & Li Fasheng. Genetics: Sun Jun *et al.*, 2025 (olfactory-related genes).

#### Amphientomidae

*Stimulopalpus distinctus* Smithers. Australia (IX): Taylor & Yeeles, 2025.

#### Archipsocidae

*Archipsocus minutillus* New. French Guiana (V): Georgiev, 2025c (cf. *minutillus*).

*Archipsocus palaeosinicus*\* Jouault & Zhuang Yu-Hui 2025: 3. China (VIII), middle Miocene amber (A).

#### Stenopsocidae

*Graphopsocus cruciatus* (Linnaeus). Belarus (I): Ostrovsky & Prokhorchik, 2025. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025.

#### Amphipsocidae

*Kolbia quisquiliarum* Bertkau. Belarus (I): Ostrovsky & Prokhorchik, 2025. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025.

#### Caeciliusidae

*Valenzuela atricornis* (McLachlan). Belarus (I): Ostrovsky & Prokhorchik, 2025.

*Valenzuela burmeisteri* (Brauer). Belarus (I): Ostrovsky & Prokhorchik, 2025.

*Valenzuela corsicus* (Kolbe). Belarus (I): Ostrovsky & Prokhorchik, 2025.

*Valenzuela flavidus* (Stephens). Bulgaria (I): Georgiev & Genchev, 2025.

*Valenzuela piceus* (Kolbe). Bulgaria (I): Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a. Iran (I): Shayanmehr *et al.*, 2025.

#### Lachesillidae

*Lachesilla bernardi* Badonnel. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a.

*Lachesilla dimorpha* Lienhard. Italy (I): Sparacio *et al.*, 2025.

*Lachesilla pedicularia* (Linnaeus). Belarus (I): Ostrovsky & Prokhorchik, 2025. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025.

*Lachesilla quercus* (Kolbe). Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025.

*Lachesilla tanaidana* Roesler. Belarus (I): Ostrovsky & Prokhorchik, 2025.

#### Peripsocidae

*Cycloperipsocus* Li Fasheng. Diagnosis and key to Asian species: Cao Leran & Liu Xingyue 2025. List of known species: Cao Leran & Liu Xingyue 2025: 228 and Fig. 31.

*Cycloperipsocus albimaculatus*\* Cao Leran & Liu Xingyue 2025: 205. China (VIII).

*Cycloperipsocus edwardsi* (New). Reassigned to *Peripsocus*: Cao Leran & Liu Xingyue 2025: 227.

*Cycloperipsocus grammacus*\* Cao Leran & Liu Xingyue 2025: 207. China (VIII).  
*Cycloperipsocus hamatus*\* Cao Leran & Liu Xingyue 2025: 210. China (VIII).  
*Cycloperipsocus norfolkensis* (Smithers & Thornton). Assignment to *Cycloperipsocus* confirmed: Cao Leran & Liu Xingyue 2025: 227.  
*Cycloperipsocus pangi* Li Fasheng. Redescription: Cao Leran & Liu Xingyue 2025: 213. China (VIII).  
*Cycloperipsocus plurimaculatus* (Li Fasheng). Redescription: Cao Leran & Liu Xingyue 2025: 219 (from *Peripsocus*). China (VIII).  
*Cycloperipsocus diplocyclus* Li Fasheng, 2002a. **Synonymy**: Cao Leran & Liu Xingyue 2025: 218.  
*Cycloperipsocus rotundatus*\* Cao Leran & Liu Xingyue 2025: 219. China (VIII).  
*Cycloperipsocus stictus*\* Cao Leran & Liu Xingyue 2025: 222. China (VIII).  
*Cycloperipsocus variatus* (Soehardjan & Hamann). Discussion on formerly published data: Cao Leran & Liu Xingyue 2025: 225.  
*Peripsocus alboguttatus* (Dalman). Belarus (I): Ostrovsky & Prokhorchik, 2025. Bulgaria (I): Georgiev, 2025d. Greece (I): Georgiev, 2025a.  
*Peripsocus edwardsi* New. Reassigned to *Peripsocus*: Cao Leran & Liu Xingyue 2025: 227 (from *Cycloperipsocus*).  
*Peripsocus ferrugineus* Thornton & Wong. French Guiana (V): Georgiev, 2025e.  
*Peripsocus pauliani* Badonnel. French Guiana (V): Georgiev, 2025e.  
*Peripsocus phaeopterus* (Stephens). Greece (I): Georgiev, 2025a.

### Ectopsocidae

*Ectopsocopsis cryptomeriae* (Enderlein). Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025.  
*Ectopsocus briggsi* McLachlan. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025.  
*Ectopsocus meridionalis* Ribaga. Bulgaria (I): Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a.  
*Ectopsocus petersi* Smithers. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a.  
*Ectopsocus ribagai* Enderlein. French Guiana (V): Georgiev, 2025e.  
*Ectopsocus richardsi* (Pearman). Brazil (V): Folha Ferreira *et al.*, 2025 (in social wasp nest).  
*Ectopsocus thibaudi* Badonnel. French Guiana (V): Georgiev, 2025e.  
*Ectopsocus titschacki* Jentsch. French Guiana (V): Georgiev, 2025e.  
*Ectopsocus vachoni* Badonnel. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025.  
*Ectopsocus vishnyakovae* Schmidt. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.

### Elipsocidae

*Cuneopalpus cyanops* (Rostock). Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025. Greece (I): Georgiev, 2025a.  
*Elipsocus abdominalis* Reuter. Belarus (I): Ostrovsky & Prokhorchik, 2025.  
*Elipsocus hyalinus* (Stephens). Bulgaria (I): Georgiev, 2025d. Greece (I): Georgiev, 2025a.  
*Elipsocus moebiusi* Tetens. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025.  
*Hemineura dispar* Tetens. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025.

### Mesopsocidae

*Mesopsocus helveticus* Lienhard. Bulgaria (I): Georgiev, 2025d.  
*Mesopsocus hiemalis* Marikowskii. Iran (I): Mehrafrooz Mayvan *et al.*, 2025.  
*Mesopsocus unipunctatus* (Müller). Greece (I): Georgiev, 2025a.

### Trichopsocidae

*Trichopsocus* spec. Iran (I): Shayanmehr *et al.*, 2025 (nymph).  
*Trichopsocus dali* (McLachlan). Greece (I): Georgiev, 2025a. Iran (I): Mehrafrooz Mayvan *et al.*, 2025; Shayanmehr *et al.*, 2025.

**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).

*Trimerocaecilius becheti* Meinander. Greece (I): Georgiev, 2025a.

### Dolabellopsocidae

*Dolabellopsocus* Eertmoed. Checklist of Brazilian species: Lima *et al.*, 2025.  
*Dolabellopsocus rebeccandradeae*\* Lima, Silva-Neto & Rafael, 2025: 39; *in*: Lima *et al.*, 2025. Brazil (V).  
*Dolabellopsocus similis* Mockford. Further description: Lima *et al.*, 2025: 33. Brazil (V).

### Epipsocidae

*Bertkauia lucifuga* (Rambur). France (I): Ariagno *et al.*, 2025 (in caves).  
*Mesepipsocus brasilianus* (New). French Guiana (V): Georgiev, 2025c.  
*Neurostigma* Enderlein. Reategui *et al.*, 2025: checklist of species, key to species; variability of wing venation.  
*Neurostigma alfonsoi*\* Reategui, Rafael & Silva-Neto, 2025: 3. Brazil (V).  
*Neurostigma angelicum*\* Reategui, Rafael & Silva-Neto, 2025: 9. Brazil (V).  
*Neurostigma patriciae*\* Reategui, Rafael & Silva-Neto, 2025: 12. Brazil (V).  
*Neurostigma spinosum*\* Reategui, Rafael & Silva-Neto, 2025: 17. Brazil (V).  
*Neurostigma willkeniae*\* Reategui, Rafael & Silva-Neto, 2025: 20. Brazil (V).

### Hemipsocidae

*Hemipsocus menoni*\* Ramesh, Babu & Subramanian, 2025: 379. India (VIII).  
*Hemipsocus mockfordi*\* Ramesh, Babu & Subramanian, 2025: 375. India (VIII).

### Psocidae

*Amphigerontia contaminata* (Stephens). Belarus (I): Ostrovsky & Prokhorchik, 2025. Bulgaria (I): Georgiev, 2025d; Georgiev & Genchev, 2025.  
*Amphigerontia intermedia* (Tetens). Bulgaria (I): Georgiev & Genchev, 2025.  
*Hyalopsocus contrarius* (Reuter). Bulgaria (I): Georgiev, 2025d.  
*Loensia* spec. France (I): Ariagno *et al.*, 2025 (in caves).  
*Loensia pearmani* Kimmins. Greece (I): Georgiev, 2025a.  
*Loensia variegata* (Latreille). Greece (I): Georgiev, 2025a.  
*Metylophorus nebulosus* (Stephens). Belarus (I): Ostrovsky & Prokhorchik, 2025.  
*Neopsocopsis hirticornis* (Reuter). Belarus (I): Ostrovsky & Prokhorchik, 2025.  
*Psococerastis gibbosa* (Sulzer). Portugal (I), Spain (I): Grosso-Silva & Baz, 2025.  
*Steleops* Enderlein. Gonzalez-Obando *et al.*, 2025: checklist of species, key to species and definition of species groups.  
*Steleops bolivianus*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 53. Bolivia (V).  
*Steleops brazilensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 25. Brazil (V).  
*Steleops caliensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 27. Colombia (V).  
*Steleops caquetensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 33. Colombia (V).  
*Steleops clavatus*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 56. Colombia (V).  
*Steleops coconuco*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 38. Colombia (V).  
*Steleops cumbrensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 56. Colombia (V).  
*Steleops ecuadorensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 33. Ecuador (V).  
*Steleops enderleini*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 40. Colombia (V).  
*Steleops furcatus*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 58. Colombia (V).  
*Steleops garcialdretei*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 34. Colombia (V).  
*Steleops huilensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 37. Colombia (V).  
*Steleops iguaquensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 40. Colombia (V).

- Steleops juliani*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 44. Colombia (V).
- Steleops lapazensis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 37. Bolivia (V).
- Steleops meremberg*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 44. Colombia (V).
- Steleops similis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 51. Colombia (V).
- Steleops taurus*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 62. Colombia (V).
- Steleops tenerife*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 48. Colombia (V).
- Steleops viridis*\* Gonzalez-Obando, Calderon-Martinez, Carrejo-Gironza & Saenz Manchola, 2025: 51. Colombia (V).
- Trichadenotecnum majus* (Kolbe). France (I): Ariagno *et al.*, 2025 (in caves).

#### 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 24 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, 2025 (= Parts 21-24 of the "Additions").

- Ariagno, D., Lips, B. & Lips J. 2025. Etude biospéologique, Inventaire de la faune souterraine du Rhône. *Association APEKAL – DREAL AURA*, 298 p.
- Bai Chunqi, Duan Yiwen, Zhao Chao, Yan Lei, Suthisut Duangsamorn, Lu Jianhua, Bai Yueliang, Zeng Fangfang & Zhang Meng, 2025. Abundance of the dominant endosymbiont Rickettsia and fitness of the stored-product pest *Liposcelis bostrychophila* (Psocoptera: Liposcelididae). *Insects* 16(4): 349. **(Only abstract seen)**.
- Bajracharya, S., Ghimire, R., Dahal, D. R., Rai, V. & Thapa, S. 2025. Diet of insectivorous bats (Mammalia: Chiroptera) from Nepal. *Acta Chiropterologica* 27(1): 65-74. **(Only abstract seen)**.
- Barbosa, B. C., Maciel, T. T & Lima, D. M. 2025. Unveiling a new Association: First record of Psocoptera in social wasp nests. *Entomological Communications* 7: ec07014.
- Bosomtwe, A., Opit, G., Giles, K., Kard, B. & Goad, C. 2025a. Functional Responses of the Warehouse Pirate Bug *Xylocoris flavipes* (Reuter) (Hemiptera: Anthocoridae) on a Diet of *Liposcelis decolor* (Pearman) (Psocodea: Liposcelididae). *Insects* 16(1): 1-14.
- Bosomtwe, A., Opit, G., Goad, C., Giles, K. & Kard, B. 2025b. Numerical Responses of *Xylocoris flavipes* (Reuter) (Hemiptera: Anthocoridae) on a Diet of *Liposcelis decolor* (Pearman) (Psocodea: Liposcelididae). *Insects* 16(3): 1-11.
- Bosomtwe, A., Opit, G., Kard, B., Giles, K. & Goad, C. 2025c. Effects of Different Thermo-Hygrometric Conditions on Ecological Interactions Between the Warehouse Pirate Bug, *Xylocoris flavipes* (Hemiptera: Anthocoridae), and Its Prey, *Liposcelis decolor* (Psocodea: Liposcelididae). *Insects* 16(9): 1-11.
- Cao Leran & Liu Xingyue 2025. A review of the bark louse genus *Cycloperipsocus* Li, 1993 (Psocodea: Peripsocidae) with description of five new species. *Zootaxa* 5620(2): 201-229, 31 figs.
- Crofts-Bennett, J. & Lord, J. 2025. Are evergreen mistletoes on deciduous hosts arthropod winter refugia? *New Zealand Entomologist* 48(1): 20-30. **(Only abstract seen)**.
- Dorado-Suarez, J. C., Merle, I., Requier, F. & Dupas, S. 2025. Efecto del manejo orgánico en la diversidad y función de artrópodos asociados al cacao (*Theobroma cacao* L.) en Colombia. *Revista Colombiana de Entomología* 2025, 51 (1): e14234.

- Floren, A. & Mueller, T. Impact of Ants on the Order Composition of Canopy Arthropod Communities in Temperate and Tropical Forests. *Animals* 15(13): 1-15. **(Only abstract seen)**.
- Folha Ferreira, E. D., De Castro Jacques, G., Cutrim, M. & Magalhaes de Zouza, M. 2025. World's first record of Psocodea (Psocoptera) in an abandoned social wasp nest (Vespidae: Polistinae). *Research Square*, DOI: <https://doi.org/10.21203/rs.3.rs-4797113/v1>.
- Georgiev, D. 2025a. On the species diversity of Psocodea (Insecta) of Mount Ismaros, North Greece. *ZooNotes* 268: 1-4.
- Georgiev, D. 2025b. A new species of genus *Tapinella* Enderlein, 1908 (Psocodea: Insecta) from Amazon rainforest, French Guiana. *Far Eastern Entomologist* 526: 1-5, 2 figs.
- Georgiev, D. 2025c. Updating the check list: new records of Psocodea (Insecta) from French Guiana. *Historia naturalis bulgarica* 47(8): 287-292, 2 figs.
- Georgiev, D. 2025d. On the Psocodea (Insecta) of Sakar Mts (SE Bulgaria): new records and published data. Fauna of Sakar Mts, Part 2. *ZooNotes, Supplement* 17: 50-56.
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- Georgiev, D. G. & Genchev, V. K. 2025. Psocodea (Insecta) reports from the Upper Thracian Lowland: published data and new records. *Bulletin of the Natural History Museum - Plovdiv* 10: 17-23.
- Gonzalez-Obando, R., Calderon-Martinez, N. R., Carrejo-Gironza, N. S. & Saenz Manchola, O. F. 2025. New species of *Steleops* Enderlein (Psocodea: Psocoptera: Psocidae): key for species determination and proposal for groups of species. *Zootaxa* 5605 (1): 1-65, 238 figs.
- Grosso-Silva, J. M. & Baz, A. First Portuguese record and new Spanish provinces for *Psococerastis gibbosa* (Sulzer, 1776) (Psocoptera: Psocidae). *Arquivos Entomoloxicos* 32: 55-58.
- Gu Yong-Qing, Zhang Yu-Chen, Zhang Yuan, Li Yi-Hao, Wang Dan & Du Shu-Shan 2025. Chemical composition and insecticidal activity of *Ocimum basilicum* and *Ocimum x africanum* essential oil. *Chemistry & Biodiversity*, May 2015. DOI: 10.1002/cbdv.202501081. **(Only abstract seen)**.
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- Hakim, M. & Azar, S. 2025. First psocodean from the Esh-Sheaybeh amber (Barremian, Early Cretaceous) of Lebanon. *Palaeoworld* 34, 200985, 11 pp.
- Hakim, M., Maalouf, M. & Azar, D. 2025. New records of barklice (Psocodea, Empheriidae) from the Bqaatouta and Baskinta amber (early Barremian, Early Cretaceous) in Lebanon. *Palaeoworld* 34 (2025) 200986, 15 pp., 13 figs.
- Hartung, V., Blank, S. M., Burckhardt, D., Burkhardt, U., Doczkal, D., Eberhardt, J., Grabow, K., Gruppe, A., Hausdorf, B., Hochkirch, A., Höfer, H., Hoffmann, H, Jueg, U., Kriegs, J. O., Mollmann, C., Mühlethaler, R., Pfeifer, M. A., Prochazka, J., Schlüpmann, M., Schneider, N., Schütte, K., Spelda, J., Tempelman, D., Trusch, R., Ullitzka, M. R., Zettler, M. L., Zimmermann, O. & Husemann, M. 2025. Artenliste zur Beobachtung von Neozoen in Deutschland mittels "Citizen Science", erstellt für eine Challenge auf dem Biodiversitäts-Datenportal Observation.org. *Natur und Heimat* 85 (2/3): 104-132.
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- Soares Reategui, N. See Reategui, N. S.
- Sparacio, I., Viviano, R., Dentici, A. & Surdo, S. 2025. An annotated Checklist of the fauna of Maraone islet (Aegadian Archipelago, North-Western Sicily). *Biodiversity Journal* 16(4): 719-781. (Psoc.: pp. 739-742).
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- Yang Xiao-yue, Li Sheng, Ren Dong & Yao Yun-Zhi 2025. New species of *Concavapsocus* (Psocodea: Psyllipsocidae) from the mid-Cretaceous amber of Myanmar. *Zootaxa* 5637(3): 594-600, 3 figs.
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## 5. Subject Bibliography for Part 25 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 by Lienhard (2021b = Psocid News Special Issue 4). For Parts 21-24 of the Additions the subject bibliography is given by Lienhard, 2022, 2023a, 2024a, 2025.

### Biogeography

2025 Hartung *et al.*, 2025 (Add. 25) (Germany: list of alien species, recorded or not yet recorded, but possible for the near future)

### **Biology, life history, physiology, genetics**

- 2025 Jiang Shi-Die *et al.*, 2025 (Add. 25) (*Liposcelis*, chromosome-level genome)
- 2025 Sun Jun *et al.*, 2025 (Add. 25) (olfactory-related genes in *Liposcelis* spp.)
- 2025 Tanaka *et al.*, 2025 (Add. 25) (dry acclimation, *Liposcelis*)

### **Ecology**

- 2025 Ariagno *et al.*, 2025 (Add. 25) (in caves)
- 2025 Barbosa *et al.*, 2025 (Add. 25) (*Liposcelis*, in social wasp nests)
- 2025 Crofts-Bennett & Lord, 2025 (Add. 25) (on mistletoes in New Zealand)
- 2025 Dorado-Suarez *et al.*, 2025 (Add. 25) (no species mentioned explicitly)
- 2025 Folha Ferreira *et al.*, 2025 (Add. 25) (*Liposcelis* etc., in social wasp nest)
- 2025 Viana-Junior *et al.*, 2025 (Add. 25) (tree crown dwelling arthropods)
- 2025 Youmessi, 2025 (Add. 25) (presence of psocids on rat carcasses)

### **General treatises, keys, bibliographies**

- 2024 Silva Neto *et al.*, 2024 (Add. 25) (Brazil, with key to families)
- 2025 Lienhard, 2025 (Add. 25) (Additions to the World Catalogue and Bibliography, Part 24)

### **History, biographies**

- 2025 Stejskal *et al.*, 2025 (Add. 25) (psocids as pests, historical overview).

### **Morphology, anatomy**

- 2025 Reategui *et al.*, 2025 (Add. 25) (variability of wing venation in *Neurostigma*)
- 2025 Weingardt *et al.*, 2025 (Add. 25) (morphology reconstructed in detail using synchrotron-radiation micro-computed tomography)

### **Palaeontology**

- 2025 Hakim & Azar, 2025 (Add. 25) (Lebanon, Early Cretaceous amber)
- 2025 Hakim *et al.*, 2025 (Add. 25) (Lebanon, Early Cretaceous amber)
- 2025 Jouault & Zhuang Yu-Hui 2025 (Add. 25) (China, middle Miocene amber)
- 2025 Li Sheng *et al.*, 2025 (Add. 25) (Trogiomorpha, synthesis of knowledge)
- 2025 Weingardt *et al.*, 2025 (Add. 25) (Psyllipsocidae)
- 2025 Yang Xiao-yue *et al.*, 2025 (Add. 25) (Psyllipsocidae, mid-Cretaceous amber)

### **Pests**

- 2025 Gu Yong-Qing *et al.*, 2025 (Add. 25) (*Liposcelis*, pest and control)
- 2025 Hasnaoui *et al.*, 2025 (Add. 25) (*Liposcelis* etc., in houses)
- 2025 Stejskal *et al.*, 2025 (Add. 25) (*Liposcelis* etc.)

### **Phylogeny, evolution, classification**

- 2025 Gustafsson *et al.*, 2025 (Add. 25) (Phthiraptera systematics and phylogeny)
- 2025 Weingardt *et al.*, 2025 (Add. 25) (Trogiomorpha)

### **Predators, parasites, parasitoids**

- 2025 Bai Chunqi *et al.*, 2025 (Add. 25) (*Liposcelis*, pest and endosymbiont)
- 2025 Bajracharya *et al.*, 2025 (Add. 25) (bats as predators of psocids)
- 2025 Bosomtwe *et al.*, 2025a, 2025b, 2025c (Add. 25) (Hemiptera as predator of *Liposcelis*)
- 2025 Floren & Mueller, 2025 (Add. 25) (ants as predators)
- 2025 Hu Yiwang *et al.*, 2025 (Add. 25) (mite as biocontrol of *Liposcelis*)

### **Techniques**

- 2025 Qi Runsheng *et al.*, 2025 (Add. 25) (counting method for automated pest monitoring)

## 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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