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Résumés

**A new species of genus *Leistus* Frölich, 1799 from the Chinese Province of Gansu  
and new data on species previously described from Qinghai and Gansu  
(Coleoptera: Carabidae: Nebriini)**

Jan Farkač<sup>1</sup> & David W. Wrase<sup>2</sup>

<sup>1</sup> Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague, Kamýcká 1176, CZ-165 21 Prague 6, Czech Republic. E-mail: farkac@fd.czu.cz

<sup>2</sup> Dunckerstrasse 78, D-10437 Berlin, Germany. E-mail: carterus@gmx.de

**Abstract:** A new species of genus *Leistus* Frölich, 1799, belonging to subgenus *Evanoleistus* Jedlička, 1965 is described and illustrated: *L. rezabkova* sp. n. from Gansu (type locality: Lenglong Ling Mts., Wutai Ridge [pass], 70 km N Honggu, 3530 m, 36°58'16.6"N/102°48'03.6"E). It is compared with a similar species of the subgenus *Evanoleistus*, known from a mountain massif between the provinces Qinghai and Gansu. A check-list of all members of genus *Leistus* from the provinces Qinghai and Gansu is provided, comprising data on type locality and deposition of holotype.

**Keywords:** Taxonomy - new distribution data - Palaearctic Region - China.

**The jumping plant-lice (Hemiptera: Psylloidea) of Belarus**

Liliya Serbina<sup>1,2</sup>, Daniel Burckhardt<sup>1</sup> & Oleg Borodin<sup>3</sup>

<sup>1</sup> Naturhistorisches Museum, Augustinergasse 2, CH-4001 Basel, Switzerland

<sup>2</sup> Institut für Natur-, Landschafts- und Umweltschutz an der Universität Basel, St. Johannis-Vorstadt 10, CH-4056 Basel, Switzerland

<sup>3</sup> National Academy of Sciences, Akademicheskaya street 27, 220072 Minsk, Belarus

Corresponding author: Liliya Serbina. E-mail: liliia.serbina@unibas.ch, liliya\_serbina@mail.ru

**Abstract:** A checklist of the known psyllids of Belarus is given: 12 species (one of them doubtful) have been previously reported and 43 species are added here, bringing the number of confirmed species to 54. The psyllid fauna of the country remains poorly known. Based on information from surrounding countries, another 73 species can be expected. An illustrated identification key is provided for the 127 species whose occurrence in Belarus has been confirmed or is likely.

**Keywords:** Psyllids - Sternorrhyncha - host-plants - faunistics - identification key - Europe - Palaearctic Region.

## Three new rotundabaloghid mites (Acari: Uropodina) from Hong Kong

Jenő Kotschán

*Plant Protection Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, H-1525 Budapest, P.O. Box 102, Hungary. E-mail: kotschan.jeno@agrar.mta.hu*

**Abstract:** Three new species of the family Rotundabaloghidae are described from Hong Kong. *Angulobaloghia staryi* sp. nov. differs from the other *Angulobaloghia* Hirschmann, 1979 species in the shape and ornamentation of the genital shield of the female. *Rotundabaloghia (Rotundabaloghia) hongkongensis* sp. nov. has three pairs of short setae (St1, V2 and V6) on the ventral idiosoma, which is unique in the subgenus *Rotundabaloghia (Rotundabaloghia)* Hirschmann, 1975a. The long, robust and curved setae in the big ventral cavity of *Depressorotunda (Depressorotunda) taurina* sp. nov. is a character so far unknown in the subgenus *Depressorotunda (Depressorotunda)* Kotschán, 2010a.

**Keywords:** East Asia - taxonomy - turtle-mites.

## The Pyraustinae (Lepidoptera, Pyralidae s. l.) of the Galápagos Islands, Ecuador

Bernard Landry

*Muséum d'histoire naturelle, C.P. 6434, 1211 Genève 6, Switzerland, Email: bernard.landry@ville-ge.ch*

**Abstract:** The Pyralidae Pyraustinae of the Galápagos Islands are diagnosed and illustrated and their biology and distribution are discussed. Of the five species recorded, three are considered as new and described: *Neohelviobotys hoecki* sp. n., *Pyrausta galapagensis* sp. n., and *Pyrausta insolata* sp. n.

**Keywords:** *Achyra* - Crambidae - *Neohelviobotys* - *Pyrausta* - new species - host plants.

## A new species of the genus *Matileortheziola* Kozár & Foldi (Hemiptera: Coccoidea: Ortheziidae)

M. Bora Kaydan<sup>1,2</sup>, Zsuzsanna Konczné Benedicty<sup>1</sup> & Éva Szita<sup>1\*</sup>

<sup>1</sup> *Plant Protection Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, Budapest, Hungary*

<sup>2</sup> *Çukurova University, Imamoglu Vocational School, Adana, Turkey*

\* *correspondent author: szita.eva@agrar.mta.hu*

**Abstract:** This paper describes a new species of the genus *Matileortheziola* Kozár & Foldi (Hemiptera: Coccoidea: Ortheziidae) from the Ethiopian region (Rwanda, Kenya). The specimens were extracted from forest litter using Berlese funnels, from the collections of the Muséum d'histoire naturelle de Genève, Switzerland. An identification key to the currently known species of *Matileortheziola* is provided.

**Keywords:** *Matileortheziolini* - ensign scale - taxonomy - Ethiopian region.

# On the Scaphidiinae (Coleoptera: Staphylinidae) of the Lesser Sunda Islands

Ivan Löbl

Muséum d'histoire naturelle, Case postale 6434, CH-1211 Genève 6, Switzerland

E-mail: [ivan.lobl@bluewin.ch](mailto:ivan.lobl@bluewin.ch)

**Abstract:** The scaphidiines of the Lesser Sunda Islands are reviewed. Among the 45 species found within examined collections, following are described as new: *Baeocera badia* sp. nov., *B. baliensis* sp. nov., *B. barda* sp. nov., *B. basalis* sp. nov., *B. batukoensis* sp. nov., *B. beata* sp. nov., *B. bella* sp. nov., *B. bifurcata* sp. nov., *B. bifurcilla* sp. nov., *B. bona* sp. nov., *B. brevis* sp. nov., *B. breviscula* sp. nov., *Scaphisoma ablutum* sp. nov., *S. activum* sp. nov., *S. acutatatum* sp. nov., *S. acutum* sp. nov., *S. adjunctum* sp. nov., *S. adscitum* sp. nov., *S. aequum* sp. nov., *S. aereum* sp. nov., *S. affabile* sp. nov., *S. affectum* sp. nov., *S. angulare* sp. nov., *S. animatum* sp. nov., *S. antennarum* sp. nov., *S. approximatum* sp. nov., *S. aspectum* sp. nov., *Scaphobaeocera baliensis* sp. nov., *S. lombokensis* sp. nov., *Scaphoxium bilobum* sp. nov., *Xotidium bolmarum* sp. nov. *Scaphisoma gracilicorne* Achard, 1920, *S. sapitense* Pic, 1915 and *Scaphobaeocera kraepelini* (Pic, 1933) are redescribed. *Scaphisoma sapitense infasciatum* Achard, 1920 and *S. dansalanense* Löbl, 1972 are placed in synonymy of *S. luteomaculatum* Pic, 1915. Lectotypes are designated for *Scaphisoma gracilicorne* Achard, 1920, *S. luteomaculatum* Pic, 1915, *S. sapitense* Pic, 1915, *S. infasciatum* Achard, 1920, *S. testaceomaculatum* (Pic, 1915), *S. subelongatum* (Pic, 1915) and *Scaphobaeocera kraepelini* (Pic, 1933). Keys to species of *Baeocera*, *Scaphisoma*, and *Scaphobaeocera* known from the Lesser Sundas, and a key to the world species of *Xotidium* are provided.

**Keywords:** Coleoptera - Staphylinidae - Scaphidiinae - taxonomy - Lesser Sunda Islands.

## Review of Brazilian cave psocids of the families Psyllipsocidae and Prionoglarididae (Psocodea: 'Psocoptera': Trogiomorpha) with a key to the South American species of these families

Charles Lienhard<sup>1</sup> & Rodrigo L. Ferreira<sup>2</sup>

<sup>1</sup> Muséum d'histoire naturelle, c. p. 6434, CH-1211 Genève 6, Switzerland. Corresponding author.

E-mail: [charleslienhard@bluewin.ch](mailto:charleslienhard@bluewin.ch)

<sup>2</sup> Universidade Federal de Lavras, Departamento de Biologia (Zoologia), CP. 3037, CEP. 37200-000 Lavras (MG), Brazil. E-mail: [drops@dbi.ufla.br](mailto:drops@dbi.ufla.br)

**Abstract:** Data on Brazilian cave psocids (Insecta) of the families Psyllipsocidae and Prionoglarididae are summarized, as a synthesis of the results of the most important investigation on cave psocids ever realized. Prionoglarididae are represented by 4 species of the endemic cavernicolous genus *Neotroglia*, Psyllipsocidae by 17 species of *Psyllipsocus* (15 of them endemic) and 2 widely distributed species of *Psocathropos*. These 19 recently described Brazilian endemic *Neotroglia* and *Psyllipsocus* were discovered in the course of the project, based on the examination of about 400 adult psyllipsocids and prionoglaridids collected in 124 caves situated in 59 municipalities and 13 Brazilian states. Some augmentations to the descriptions of the widely distributed *Psyllipsocus ramburii*, *Psyllipsocus yucatan*, *Psocathropos lachlani* and *Psocathropos pilipennis* are given and the following new synonymies are proposed: *Psyllipsocus ramburii* Selys-Longchamps (*P. variabilis* Badonnel n. syn., *P. dubius* Badonnel n. syn.), *Psyllipsocus yucatan* Gurney (*P. collarti* Badonnel n. syn., *P. decui* Badonnel n. syn.), *Psocathropos lachlani* Ribaga (*Vulturops termitorum* Townsend n. syn., *Dorypteryx astizi* Brèthes n. syn.). The distribution of the 23 species of psyllipsocids and prionoglaridids known from Brazilian caves is analysed and some evolutionary aspects are discussed. A key to the 25 South American species of these families is given, including two other previously known species: *Psyllipsocus delamarei* from Argentina and the troglobitic prionoglaridid *Speleopsocus chimanta* from Venezuela.

**Keywords:** Brazil - cave fauna - endemism - male genitalia - new synonymies.

# Live trapping design for the harvest mouse (*Micromys minutus*) in its summer habitat

Peter Vogel<sup>1†</sup> & Antoine Gander<sup>2</sup>

<sup>1</sup> Department of Ecology and Evolution, University of Lausanne, 1015 Lausanne, Switzerland.

<sup>2</sup> Association de la Grande Cariçaie, Chemin de la Cariçaie 3, 1400 Cheseau-Noréaz, Switzerland.  
E-mail: a.gander@grande-caricaie.ch

**Abstract:** The harvest mouse *Micromys minutus* is a very rare species in Switzerland. It has only been documented accurately since 1960. Most records are based on nest findings and there have been few direct observations or captures, mainly because live trapping of this species is not simple. Therefore, an efficient trapping technique is needed for population studies and to facilitate the management of its habitat. By combining the methods used to capture very small (*Suncus etruscus*) and climbing (*Muscardinus avellanarius*) mammals, we developed a design using Longworth traps with mouse excluders set on suspended platforms. This allowed us to trap more harvest mice in four field sessions of 60 trap-nights than have ever been caught previously since its discovery in Switzerland.

**Keywords:** Harvest mouse, Longworth trap, mouse excluder, prebaiting.

**Resumé:** La souris des moissons (*Micromys minutus*) est une espèce très rare en Suisse et peu documentée jusque dans les années 1960. La plupart des indications de présence sont indirectes, basées sur la découverte de nids. Très peu d'entre-elles font référence à des observations directes, qu'elles soient visuelles ou issues de captures d'individus vivants, car le piégeage classique n'est pas efficace. La vérification de la bonne gestion de son habitat ou la réalisation d'études populationnelles nécessitent cependant des techniques de piégeage efficaces. Quelques astuces développées pour piéger de petites musaraignes (*Suncus etruscus*) et des muscardins (*Muscardinus avellanarius*) exploitant les structures hautes de la végétation ont aidé à développer un protocole ayant permis de piéger en quatre sessions de 60 nuits-pièges, plus de souris de moissons que jamais depuis sa découverte en Suisse.

**Mots-clés :** Souris des moissons, piège Longworth, réducteur de la taille de l'entrée, pré-appâter.

## Tapeworms (Cestoda: Proteocephalidea) of teleost fishes from the Amazon River in Peru: additional records as an evidence of unexplored species diversity

Alain de Chambrier<sup>1</sup>, Roman Kuchta<sup>2</sup> & Tomáš Scholz<sup>2,\*</sup>

<sup>1</sup> Département des Invertébrés, Muséum d'histoire naturelle, PO Box 6434, CH-1211 Geneva 6, Switzerland.  
E-mail: alain.dechambrier@ville-ge.ch

<sup>2</sup> Institute of Parasitology, Academy of Sciences of the Czech Republic, Branišovská 31, 370 05 České Budějovice, Czech Republic.

\* Corresponding author. E-mail: tscholz@paru.cas.cz

**Abstract:** This paper represents an update of the previous list of adult proteocephalidean tapeworms (Cestoda) parasitizing freshwater teleosts from the Peruvian Amazon, which was presented by de Chambrier *et al.* (2006a). Four new samplings made it possible to almost double the number of species found, all of them representing new geographical records from Peru. With 34 newly added species, a total of 63 proteocephalidean cestodes (46 named species of 27 genera) are now reported from Amazonia in Peru (compared to 54 named species of 28 genera from its Brazilian part). The genera previously unreported by de Chambrier *et al.* (2006a) are *Ageneiella*, *Brayela*, *Endorchis*, *Ephedrocephalus*, *Gibsoniella*, *Harriscolex*, *Jauella*, *Lenhataenia*, *Manasia*, and *Megathylacus*. Four species, namely *Jauella glandicephalus*, *Monticellia belavistensis*, *M. santafesina*, and *Proteocephalus hobergi*, are reported from the Amazon River basin for the first time. *Harriscolex piramutab* (Woodland, 1934) n. comb. is proposed for specimens previously identified as *Proteocephalus piramutab* Woodland, 1934 from *Brachyplatystoma vaillantii*. The highest number of proteocephalidean cestodes is reported from *Pseudoplatystoma fasciatum* (a total of 10 cestode species), *Zungaro zungaro* (previously named *Paulicea luetkeni*; 9 species) and *Phractocephalus hemioiopterus* (6 species). A high number of unnamed species found in Peru (17), which most probably represent taxa new to science including at least two new genera, demonstrates that the species richness of proteocephalidean cestodes in Amazonia is still poorly known.

**Keywords:** Catfish - freshwater fish - Siluriformes - Peru - Pimelodidae - Amazonia - species diversity - faunal survey.

**Review of the Himalayan genus *Hingstoniella* Jeannel,  
and description of *Besuchetaceus* gen. n. from Nepal  
(Coleoptera: Staphylinidae: Pselaphinae)**

Zi-Wei Yin & Li-Zhen Li\*

*Department of Biology, College of Life and Environmental Sciences, Shanghai Normal University, 100 Guilin Road, Shanghai, 200234, P. R. China*

*\*Corresponding author. E-mail: pselaphinae@gmail.com*

**Abstract:** The Himalayan genus *Hingstoniella* Jeannel and its type species *H. lata* Jeannel are redescribed, and a new species, *H. trigona* sp. n., is described. *Besuchetaceus* gen. n. is established for a single species, *B. nepalensis* sp. n., from central Nepal. Both genera together with *Sinotrisus* Yin & Li are placed in the newly designated '*Hingstoniella* group'. Keys are provided to distinguish genera of *Hingstoniella* group and species of *Hingstoniella*, and the major diagnostic features of all included taxa are illustrated.

**Keywords:** Taxonomy - Batrisitae - *Hingstoniella* - *Besuchetaceus* - *Sinotrisus* - new genus - new species - Himalayan region.