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**Description of a new species of *Stepanovia* Kostjukov
(Hymenoptera: Eulophidae) from Bulgaria**

Peter S. BOYADZHIEV¹ & Ivaylo A. TODOROV²

¹ Department of Zoology, University of Plovdiv, 24 Tsar Asen Str., Plovdiv, Bulgaria. E-mail: boyadz@uni-plovdiv.bg

² Institute of Biodiversity and Ecosystem Research, BAS, 1 Tsar Osvoboditel Bld., Sofia, Bulgaria. E-mail: i.todorov@abv.bg (corresponding author)

Description of a new species of *Stepanovia* Kostjukov (Hymenoptera: Eulophidae) from Bulgaria. - A new distinctive species of the genus *Stepanovia* Kostjukov (Hymenoptera: Eulophidae: Tetrastichinae), *Stepanovia rosae* Boyadzhiev & Todorov, sp. n. is described and illustrated. The new species was reared from galls of *Diplolepis rosae* (Linnaeus) (Cynipidae) on *Rosa dumalis* Bechstein, *R. agrestis* (Savi), *R. micrantha* Smith and *R. canina* Linnaeus (Rosaceae). A key to the species of genus *Stepanovia* is presented.

Keywords: Tetrastichinae – *Stepanovia rosae* – taxonomy – *Diplolepis rosae* – Cynipidae – Bulgaria.

***Bryocamptus* (*Bryocamptus*) *gauthieri* (Roy, 1924):
a Mediterranean edaphic specialist (Crustacea: Copepoda: Harpacticoida)**

Frank FIERS

Royal Belgian Institute of Natural Sciences, Vautierstraat 29, B-1000 Brussels, Belgium (current address) and “Emil Racovita” Institute of Speology, Clinicilor 5, P.O. Box 58, 400006 Cluj-Napoca, Romania. E-mail: frank.fiers@naturalsciences.be

***Bryocamptus* (*Bryocamptus*) *gauthieri* (Roy, 1924): a Mediterranean edaphic specialist (Crustacea: Copepoda: Harpacticoida).** - *Bryocamptus* (*Bryocamptus*) *gauthieri* (Roy, 1924), previously known from two localities in the Maghreb only, is now reported from several localities in the East-Mediterranean region: Lebanon, Cyprus and Greece. The specimens were found in material from Berlese extractions of soil samples and moss. The type material appears to be lost, but specimens assumed to originate from the initial collection were located in the Chappuis collection at Cluj (Romania). *B. gauthieri* is redescribed and the original description is corrected and amended. The variability of the leg armature and ornamentation is emphasized. Within the current systematic outline of the genus *Bryocamptus* s. str., *B. gauthieri* takes an intermediary position between the pygmaeus and the typhlops species sub-groups.

Keywords: Canthocamptidae - redescription - variability - Berlese extractions - Algeria - Lebanon - Cyprus - Greece.

Synopsis of the Neotropical mantid genus *Pseudacanthops* Saussure, 1870, with the description of three new species (Mantodea: Acanthopidae)

Francesco LOMBARDO¹, Salvatrice IPPOLITO¹ & Julio RIVERA²

¹ Department of Biological, Geological and Environmental Sciences, Division Animal Biology “M. La Greca”, University of Catania, via Androne 81, 95124 Catania, Italy.
E-mail; lombafra@unict.it; ippolito@unict.it

² University of Toronto, Department of Ecology and Evolutionary Biology, Toronto, Ontario, Canada. Mailing address: Royal Ontario Museum, Department of Natural History (Entomology), 100 Queen’s Park, M5S 2C6, Toronto, ON, Canada. E-mail: julior@rom.on.ca.

Synopsis of the Neotropical mantid genus *Pseudacanthops* Saussure, 1870, with the description of three new species (Mantodea: Acanthopidae). - The constitutive members of the genus *Pseudacanthops* Saussure are re-examined. The genus now includes six species: *P. caelebs* (Saussure) (Mexico, Belize, Honduras, Guatemala), *P. spinulosus* (Saussure) (French Guyana, Guyana, Venezuela), *P. lobipes* La Greca & Lombardo (Peru, Bolivia, Brazil), *P. centralis* n. sp. (Nicaragua, Panama), *P. clorindae* n. sp. (Peru) and *P. huaoranianus* n. sp. (Ecuador). The species *Pseudacanthops angulata* (Lichtenstein) is considered an objective synonym of *Acanthops fuscifolia* (Olivier). A key to species of *Pseudacanthops* (males) is also provided.

Keywords: Acanthopidae - Acanthopinae - *Pseudacanthops* - new species - Neotropic area.

***Plumularia mooreana*, a new marine hydroid from French Polynesia (Hydrozoa, Cnidaria)**

Peter SCHUCHERT, Muséum d’histoire naturelle, C.P. 6434, CH-1211 Genève 6, Switzerland.
E-mail: Peter.Schuchert@ville-ge.ch

***Plumularia mooreana*, a new marine hydroid from French Polynesia (Hydrozoa, Cnidaria)** - A new species of *Plumularia* from Moorea is described. It is a member of the *P. setacea* species complex, being easily distinguishable from the latter through its large, truncate gonothecae provided with numerous nematothecae, as well as its shallow hydrothecae with a curved abaxial wall. Sterile colonies of the new species can be mistaken for *P. strobilophora*, though several reliable characters allow their distinction. The type material of *P. strobilophora* was re-examined for comparison and new illustrations are provided.

Keywords: Pacific - Tahiti - new species - *Plumularia strobilophora*.

Note sur la diversité des oligochètes aquatiques dans la région genevoise (Suisse)

Régis VIVIEN

Rue du Pré-Naville 6, 1207 Genève. Email: regisvivien@hotmail.com

Note on the diversity of aquatic oligochaetes in the Geneva area (Switzerland). - The main purpose of this note is to update the inventory of aquatic oligochaetes in the Geneva area proposed by Vivien & Lafont (2013). Species diversity of this group has been studied in fine/sandy sediments of watercourses as well as in coarse surficial sediments and the hyporheic zone of a river. Seven new taxa (six new species) for the region have been found. One of these species (*Haber turquinae*) is new for Switzerland. One species mentioned in the area in the early 20th century was found again. The number of taxa in the Geneva area is currently 69 and is likely to increase as future work is conducted in the area.

Keywords: aquatic oligochaetes - inventory - Geneva area - watercourses - fine/sandy and coarse sediment - hyporheic zone.

Three new species of *Psyllipsocus* (Psocodea: 'Psocoptera': Psyllipsocidae) from Brazilian caves with description of a novel structure interpreted as a male accessory genital organ

Charles LIENHARD¹ & Rodrigo L. FERREIRA²

¹ Muséum d'histoire naturelle, C.P. 6434, CH-1211 Genève 6, Switzerland. Corresponding author. E-mail: charleslienhard@bluewin.ch

² Universidade Federal de Lavras, Departamento de Biologia (Zoologia), C.P. 3037, CEP. 37200-000 Lavras (MG), Brazil. E-mail: drops@dbi.ufla.br

Three new species of *Psyllipsocus* (Psocodea: 'Psocoptera': Psyllipsocidae) from Brazilian caves with description of a novel structure interpreted as a male accessory genital organ. - The following closely related new species are described and illustrated: *Psyllipsocus clunijunctus* Lienhard n. spec., *P. serrifer* Lienhard n. spec., *P. similis* Lienhard n. spec. Within the genus they form a monophyletic species group characterized by the presence of an elaborate sclerotized clunial bridge medio-ventrally on the male abdominal apex. Based on morphological observations this novel structure is interpreted as an accessory genital organ, which is probably directly involved in copulation, partly replacing the primary male coupling organ (phallosome), which is strongly reduced in these species. The females of this species group are characterized by the presence of a cap-shaped spermapore sclerite and a sclerotized spermathecal blade. In the polyandrous species *P. serrifer* the spermathecal blade is saw-shaped and possibly serves as a «tin-opener» for thick-walled spermatophores. The function of this novel structure is presumably similar to that of the signum in the bursa copulatrix of some Lepidoptera.

Keywords: Brazil - cave fauna - new species - male genitalia - spermathecal signum.

An annotated list of the Orthoptera (Insecta) species described by Henri de Saussure, with an account of the primary type material housed in the Muséum d'histoire naturelle de Genève, Part 5: Grylloidea

John HOLLIER¹, Harald BRUCKNER² & Sam W. HEADS³

¹ Muséum d'histoire naturelle, C.P. 6434, CH-1211 Genève 6, Switzerland.

Email: john.hollier@ville-ge.ch

² Naturhistorisches Museum Wien, Burgring 7, 1010 Wien, Austria.

E-Mail: harald.bruckner@nhm-wien.ac.at

³ Illinois Natural History Survey, University of Illinois, 1816 South Oak Street, Champaign, Illinois 61820, USA. E-mail: swheads@illinois.edu

An annotated list of the Orthoptera (Insecta) species described by Henri de Saussure, with an account of the primary type material housed in the Muséum d'histoire naturelle de Genève, Part 5: The Grylloidea. - Henri de Saussure described 403 species or subspecies in the superfamily Grylloidea. The names are listed alphabetically, and the location of the type material (if known) and the current nomenclatural combination are given. When there is primary type material in the Muséum d'histoire naturelle de Genève (MHNG), the sex, verbatim label data and condition of the specimens is given, along with their location within the collection.

Keywords: Ensifera - Gryllidae - Gryllotalpidae - Mogoplistidae - Mymecophilidae - crickets - type-catalogue.