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The Gracillariidae (Lepidoptera, Gracillarioidea) of the Galapagos Islands, Ecuador, with notes on some of their relatives

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The Gracillariidae (Lepidoptera, Gracillarioidea) of the Galapagos Islands, Ecuador. -

Ten species of Gracillariidae (Lepidoptera, Gracillarioidea) have been found so far on the Galapagos Islands. In addition to *Phyllocnistis citrella* Stainton, reported elsewhere, nine new species or subspecies are described and illustrated: *Acrocercops serrigera galapagosensis* ssp. n. (reared from *Waltheria ovata* Cav., Sterculiaceae), *Caloptilia dondavisi* sp. n. (reared from *Rhynchosia minima* (L.) DC., Leguminosae), *Caloptilia galacotra* sp. n., *Caloptilia cruzorum* sp. n. (reared from *Galactia* sp., Leguminosae), *Cryptolectica lazaro* sp. n. (reared from *Synedrella nodiflora* (L.) Gartn. and *Ageratum conyzoides* L., Asteraceae), *Dialectica galapagosensis* sp. n. (reared from *Macraea laricifolia* Hook. f., Asteraceae), *Dialectica sanctae-crucis darwini* ssp. n., *Neurostrota magnifica* sp. n., and *Neurostrota brunnea* sp. n. A lectotype is designated for *Acrocercops serrigera* Meyrick.

Keywords: Micro moths, leaf miners, endemic species, taxonomy, Neotropical, Gracillariidae, Sterculiaceae, Leguminosae, Asteraceae.

Phylogenetische Analyse und Revision der Arten der Gattung *Pachyserica* Brenske, 1897 (Coleoptera, Scarabaeidae, Sericini)

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Phylogenetic analysis and revision of the species of the genus Gattung *Pachyserica* Brenske, 1897 (Coleoptera, Scarabaeidae, Sericini).- The taxonomy of the species of *Pachyserica* Brenske, 1897 is revised and the phylogeny is explored by a cladistic analysis based on morphology of adults. The cladistic analysis was performed by a parsimony analysis using 68 characters. *Pachyserica* results from analysis to be monophyletic, and the species related to *Serica nigroguttata* Brenske, 1897, which has been assigned in recent works to *Pachyserica* were associated in a separate clade of *Serica*. The following formal new combinations result based on the tree topology found: *Pachyserica albosignata* (Moser, 1915) comb.

n. (from *Serica albosignata*), *Pachyserica squamifera* (Frey, 1972) comb. n. (from *Serica squamifera*). Fourteen new species of *Pachyserica* are described from China, India, Myanmar, Thailand, Vietnam and Laos: *Pachyserica balkei* sp. n., *P. bistrinata* sp. n., *P. bituberculata* sp. n., *P. cipingensis* sp. n., *P. collaris* sp. n., *P. conspersa* sp. n., *P. desenderi* sp. n., *P. garoensis* sp. n., *P. huanglianensis* sp. n., *P. interruptolineata* sp. n., *P. janbezdeki* sp. n., *P. putaoensis* sp. n., *P. sapae* sp. n., *P. vorax* sp. n. The lectotype of *Pachyserica rubrobasalis* Brenske was designated.

Keywords: Phylogeny - Himalaya - Indochina - *Pachyserica* - new species - key to species.

***Limnebius kamali* sp. n. from Northern Morocco (Coleoptera, Hydraenidae)**

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***Limnebius kamali* sp. n. from Northern Morocco (Coleoptera, Hydraenidae).** - During faunistic survey at different localities in the Rif mountains (Northern Morocco), a new species of the genus *Limnebius* Leach, 1815 was captured which we have named *Limnebius kamali*. In the present paper, the new species is described, illustrated and notes on ecology and distribution are provided. Based on similarities in the aedeagus and the male ventrite VI, *L. kamali* belongs to the *Limnebius truncatellus* (Thunberg, 1794) species group, which so far includes six species occurring in North Africa. The new species is compared with these taxa and distinguished from the closely related *Limnebius pilicauda* Guillebeau, 1896.

Keywords: Rif mountains (Morocco) - Taxonomy - Hydraenidae - *Limnebius*.

Systematic redefinition of *Aphodius (Aphodaulacus) assyricus* Petrovitz, 1971 (Scarabaeoidea, Aphodiidae)

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Systematic redefinition of *Aphodius (Aphodaulacus) assyricus* Petrovitz, 1971 (Scarabaeoidea, Aphodiidae). - The taxonomy and the systematic position of *Aphodius (Aphodaulacus) assyricus* (Petrovitz, 1971) are discussed based on new findings of specimens, males included, from Iraq and Iran. The males are easily recognizable mostly by inferior apical spur of mesotibiae notably shortened and apically truncate. New combinations for the species at present considered to belong to the genus *Aphodaulacus* are also formulated.

Keywords: Scarabaeoidea - Aphodiidae - *Aphodius* - *Aphodaulacus assyricus* - taxonomy - systematics - new combinations.

Revision of *Elaphropeza* Macquart from Guangdong, China (Diptera, Hybotidae, Tachydromiinae)

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Revision of *Elaphropeza* Macquart from Guangdong, China (Diptera, Hybotidae, Tachydromiinae). - *Elaphropeza* Macquart is reported for the first time from Guangdong province in Southern China with three species. They are *E. guiensis* (Yang & Yang) and two species new to science: *E. chebalingensis* sp. n. and *E. plumata* sp. n. A key to the three species is presented.

Keywords: Hybotidae - Tachydromiinae - *Elaphropeza* - Guangdong - new species.

Some interesting beetle mites from Pacific islands collected by Antonius van Harten (Acari: Oribatida). (*Acarologica Genavensia* CVIII)

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Some interesting beetle mites from Pacific islands collected by Antonius van Harten (Acari: Oribatida). (*Acarologica Genavensia* CVIII). - Ten oribatid species are recorded: nine from Fiji (Viti Levu) and one from the Solomon Islands (Nendo). Among the species from Fiji, two are reported for the first time from this island and three species and one subspecies are new to science; for one of them a new genus (*Monstroripoda* gen. n.) is established in the family Oripodidae. The species found on the Solomon Islands is also new to science and a new genus (*Lignobates* gen. n.) is established for it in the family Haplozetidae.

Keywords: Acari - Oribatida - taxonomy - new genera - new species - Fiji - Solomon Islands.

A taxonomic revision of the family Oncopodidae V. *Gnomulus* from Vietnam and China, with the description of five new species (Opiliones, Laniatores)

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A taxonomic revision of the family Oncopodidae V. *Gnomulus* from Vietnam and China, with the description of five new species (Opiliones, Laniatores). - Five new *Gnomulus* species, *G. bedoharvengorum* (♂ ♀), *G. saetosus* (♂), *G. dalat* (♂ ♀), *G. lemniscatus* (♂ ♀) and *G. annamiticus* (♂ ♀), are described from Vietnam and placed in two species groups, one of them new. Additional specimens of *G. spiniceps* Schwendinger & Martens, 2002 from Vietnam and of *G. sinensis* Schwendinger & Martens, 2002 from China are reported and illustrated. Relationships and zoogeography are discussed.

Keywords: Taxonomy - *Gnomulus spiniceps* - *G. sinensis* - zoogeography.

**Revision der neotropischen *Stenus* (*Tesnus*) Arten
(Coleoptera: Staphylinidae)**

288. Beitrag zur Kenntnis der Steninen

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Revision of the Neotropical *Stenus* (*Tesnus*) species (Coleoptera: Staphylinidae). 288th Contribution to the knowledge of Steninae. - Revision of the Neotropical *Stenus* (*Tesnus*) species (44 species) with remarks on the 8 different species groups of this paraphyletic subgenus and description of 14 new species: *Stenus* (*Tesnus*) *argentulus* sp. n. (Mexico), *S. (T.) asserculifer* sp. n. (Venezuela, Brazil), *S. (T.) auricomans* sp. n. (Mexico, U.S.A.), *S. (T.) aurifer* sp. n. (Mexico), *S. (T.) auriferoides* sp. n. (Mexico), *S. (T.) aurigans* sp. n. (Mexico, U.S.A.), *S. (T.) aurilegulus* sp. n. (Mexico), *S. (T.) barri* sp. n. (Venezuela), *S. (T.) crassiceps* sp. n. (Venezuela), *S. (T.) hanagarthi* sp. n. (Bolivia), *S. (T.) latilabris* sp. n. (Peru), *S. (T.) naso* sp. n. (Mexico), *S. (T.) reticulivestis* sp. n. (Brazil) and *S. (T.) zapotec* sp. n. (Mexico). 8 new synonymies are proposed: *S. belemicus* Hromádka, 1983 = *S. simulator* Sharp, 1876, *S. cuneolus* L. Benick, 1949 = *S. semimarginatus* Bernhauer, 1921, *S. dalmacioi* Puthz, 1995 = *S. semimarginatus* Bernhauer, 1921, *S. praegracilis* L. Benick, 1949 = *S. impar* L. Benick, 1928, *S. sobrinus* Sharp, 1886 = *S. chalcites* Erichson, 1840, *S. strigicollis* L. Benick, 1949 = *S. cursor* Sharp, 1876, *S. tenellicornis* Puthz, 1995 = *S. impar* L. Benick, 1928, *S. venezuelanus* Hromádka, 1983 = *S. facetus* L. Benick, 1917. A key to the species, including the species-groups of the Neotropical *Stenus* s. str., is provided (in English).

Keywords: Coleoptera - Staphylinidae - *Stenus* - taxonomy.

Racer populations from the Levant to the Caspian region referred to *Platyceps ventromaculatus* (Gray, 1834) (Reptilia: Squamata: Colubrinae)

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Racer populations from the Levant to the Caspian region referred to *Platyceps ventromaculatus* (Gray, 1834) (Reptilia: Squamata: Colubrinae). - Populations of Gray's racer from southeastern Anatolia and Syria to western Iran (*Platyceps* cf. *ventromaculatus*) show considerable variability in a number of scale characters, dorsal colour pattern, dentition, and hemipenis length. *Zamenis rogersi* Anderson is conspecific with *P.* cf. *ventromaculatus* (Gray). This taxon is recorded from the Cyrenaica (eastern Libya) to at least as far east as the Kopet Dag area (Golestan). Its distribution in eastern Iran and the systematic status of northern African and Middle East populations vis-à-vis Sindhian *P. ventromaculatus* (*sensu stricto*) are in need of further investigations.

Keywords: *Platyceps* cf. *ventromaculatus* - *Zamenis rogersi* Anderson - morphology - distribution - systematics.

Première contribution à la faune de Diploures Campodeïdés de la Péninsule d'Anatolie, Turquie (Diplura: Campodeidae)

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First contribution to the Campodeid fauna of the Anatolian Peninsula, Turkey (Diplura: Campodeidae). - For the first time, 13 species of Diplura Campodeidae belonging to the following genera and subgenera are recorded from the Anatolian Peninsula: *Campodea* s. str. (4 species), *Dicampa* (5), *Eutrichocampa* (1), *Plusiocampa* (2) and *Libanocampa* (1). Among them, a new species is described, *Campodea (Dicampa) azkarraga* Sendra sp. n., which has been found in only one place in the Turkish province of Ardahan (Eastern Anatolia). The zoogeographical composition of Campodeidae fauna in Anatolia remains thus (without the new species): four species known from the Aegean Islands and the Balkan Peninsula, three from Central Europe, two from the regions to the north and east of the Black Sea, two from the south-western Mediterranean, one species from the western Mediterranean and one species known from the Palaearctic region.

Keywords: Diplura - Campodeidae - *Campodea* - *Dicampa* - *Eutrichocampa* - *Plusiocampa* - *Libanocampa* - taxonomy - Turkey.