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Hygronomini e Athetini della Cina con note sinonimiche (Coleoptera, Staphylinidae)*

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Hygronomini and Athetini from China (Coleoptera, Staphylinidae) with notes on the synonymy. - The tribe Athetini is represented by a large number of species in all zoogeographical regions. The taxonomy of this group is rather difficult and relies heavily on the characters of the male copulatory organ and of female spermatheca. In the present paper ninety-five species are recognised. One subgenus of *Atheta*, *Ekkliatheta*, and 65 species are described as new. Three new names are proposed: *Alevonota franziana* for *Tomoglossa franzi* Pace, 1991 [nec *Alevonota franzi* (Palm, 1973)], *Emmelostiba xinjiangensis* for *Alevonota chinensis* Pace, 1993 (nec *Emmelostiba chinensis* Pace, 1998), *Atheta floresensis* for *Atheta aptera* Israelson, 1985 (nec *Atheta aptera* Pace, 1984). New synonymies are proposed for nine species and genera: *Alevonota pacei* Assing, 2002, is placed in synonymy with *Atlantostiba franzi* Pace, 1994, *Cordalia permutata* Assing, 2002, with *Cordalia chinensis* Pace, 1993, the genus *Euphorbagria* Assing, 1997, with *Melagria* Casey, 1906, *Leptusa acuta* Assing, 2002, with *Leptusa anmashanensis* Pace, 1996, the genus *Chariusa* Pace, 2003, with *Leucocraspedum* Kraatz, 1859, *Liogluta granulipyga* Pace, 1998, with *Liogluta langmusiensis* Pace, 1998, and the genus *Sytemusa* Pace, 2002, with *Irmaria* Cameron, 1925. The typical series of *Atheta namphoensis* Pašnik, 2001, from North Korea includes two genera and two species, the holotypus ♂ must be attributed to the genus *Nepalota* with the name of *Nepalota namphoensis* (Pašnik). New combinations are proposed for 10 species: 6 for the genus *Alevonota*, 1 for *Emmelostiba*, 2 for *Irmaria* and 1 for *Nepalota*. Each new species is described and illustrated. All available distributional data are presented.

Keywords: Coleoptera - Staphylinidae - Aleocharinae - taxonomy - China - synonymies - Palearctic Region.

A preliminary contribution to *Platyceps najadum* (Eichwald, 1831) and systematic status of *Coluber atayevi* Tunijev & Shammakov, 1993 (Reptilia: Squamata: Colubrinae)

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A preliminary contribution to *Platyceps najadum* (Eichwald, 1831) and systematic status of *Coluber atayevi* Tunijev & Shammakov, 1993. - External morphological features of *Platyceps najadum* and the distribution of this species in Iran and Turkmenistan are analysed.

Based on morphological characters and mtDNA sequence data (12S rDNA), *Coluber atayevi* Tunijev & Shammakov, 1993 is ranked as a subspecies of the Slender racer, *P. najadum atayevi* comb. n. This taxon seems to have a restricted distribution in the Kopet Dag.

Keywords: *Platyceps najadum* ssp. - *Coluber atayevi* - Iran - Kopet Dag - morphology - systematics - mtDNA.

New species of coelotine spiders (Araneae, Amaurobiidae) from northern Thailand II

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New species of coelotine spiders (Araneae, Amaurobiidae) from northern Thailand II. -

Four new coelotine spiders are described from the provinces of Chiang Mai and Lamphun in northern Thailand. The species *Draconarius lateralis* sp. n., *D. paralateralis* sp. n. and *D. pseudolateralis* sp. n. belong to a species group here called the *lateralis* group. *Draconarius elatus* sp. n. is unique among coelotines in its peculiar male palp and is placed in a group of its own, the *elatus* group. Comments on the distribution and diversity of coelotines in northern Thailand are given.

Keywords: Araneae - Amaurobiidae - Coelotinae - *Draconarius* - new species - taxonomy - zoogeography - Thailand.

An enigmatic cave-dwelling ground beetle: *Trechus barratxinai* Español, 1971 (Coleoptera, Carabidae, Trechinae, Trechini)*

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An enigmatic cave-dwelling ground beetle: *Trechus barratxinai* Español, 1971 (Coleoptera, Carabidae, Trechinae, Trechini). - An important population of *Trechus barratxinai* Español, 1971 was discovered in the Penyes de Roset, near the type locality (abyss of Barratxina, Xixona-Alicante, East Spain). This species, originally considered as cavernicolous, shows epigeal and lapidicolous life habits, as now discovered. A detailed laboratory study revealed the presence of wings which had been overlooked in the concise description of the species. The development of wings confirms the suspicion that, as in other

species in this genus, *T. barratxinai* has geophilic, lucifugous and hygrophilous habits but is not a cavernicolous (troglobiont) species. The species description is completed with details on the anatomy of the female genitalia. Also, the taxonomic position of *T. barratxinai* is questioned and its position within the “*T. austriacus*-group”, near *T. diecki* Putzeys 1870, its geographical neighbour, is proposed. Finally, the first data on the species biology and on its habitat characteristics are given.

Keywords: Carabidae - *Trechus* - redescription - systematics - ecology - caves - Iberian Peninsula.

Une espèce nouvelle de *Pseudosinella* provenant du Portugal (Insecta: Collembola). XVII^e contribution

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A new species of *Pseudosinella* from Portugal (Insecta: Collembola). XVIIth contribution. - *Pseudosinella angelae* sp. n. is described from a typical Mediterranean landscape dominated by *Quercus suber* L. in the surroundings of Lisbon. Morphological comparison with similar species is made, in order to establish the genealogical position of the new species.

Keywords: Insecta - Collembola - *Pseudosinella* - new species - Portugal.

Une nouvelle espèce d'*Hyperolius* du Cameroun (Amphibia, Anura, Hyperoliidae)

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A new species of *Hyperolius* from Cameroon (Amphibia, Anura, Hyperoliidae. - Previously mentioned as “*Hyperolius* sp. 6”, *Hyperolius camerunensis* sp. n. is distributed in a small area of south-west Cameroon. It differs from related species by its phase III colour pattern, with dorsum marked of more or less numerous large rounded red spots, and ventrum brightly coloured of orange and white-speckled black. This pattern is exhibited by females and about a quarter of the reproducing males. In phase II, *H. camerunensis* is very similar to *H. riggenbachi*, but it is smaller and has a broader head. *H. camerunensis* is a farmbrush species, differing from other Cameroonian anurans by its horizontal and vertical distribution. A definition of the species group to which it is related is proposed.

Keywords: Amphibia - Anura - Hyperoliidae - *Hyperolius* - Cameroon - systematics - ecology.

Contributi al riordinamento sistematico dei Peritelini paleartici
V. Istituzione di un nuovo genere e descrizione di due nuove specie (Coleoptera, Curculionidae, Entiminae)

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Contributions towards a taxonomic rearrangement of Palaearctic Peritelini. V. Erection of a new genus and description of two new species (Coleoptera, Curculionidae, Entiminae). - The authors diagnose a new genus of Palaearctic Peritelini: *Heteromeiropsis* gen.n., for *Heteromeira zariquieyi* Solari, 1954 (comb.n.), and describe two new species of this genus. A dichotomic key as well as illustrations of their genital apparatuses are also provided.

Keywords: Coleoptera - Curculionidae - Peritelini - *Heteromeiropsis* gen. n. - taxonomy.

First report of Tischeriidae (Lepidoptera) on the Galapagos Islands, Ecuador, with descriptions of two new endemic species

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First report of Tischeriidae (Lepidoptera) on the Galapagos Islands, Ecuador, with descriptions of two new endemic species. - The family Tischeriidae is reported from the Galapagos Islands for the first time. The two species found on the archipelago (*Astrotischeria scalesiaella* B. Landry, sp. n. and *A. alcedoensis* B. Landry, sp. n.) are described and illustrated. Both species are presumed to be endemic and their larvae are leaf miners on *Scalesia* species, a group of endemic Asteraceae.

Keywords: Micro moths - *Astrotischeria* - taxonomy - leaf miners - *Scalesia* - Asteraceae.

A revision of the Blattodea, Ensifera and Caelifera described by H. Fruhstorfer

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A revision of the Blattodea, Ensifera and Caelifera described by H. Fruhstorfer. - Twelve taxa described by Fruhstorfer are revised, belonging to Blattodea: Blattellidae (1), Ensifera: Phaneropteridae (1), Tettigoniidae (4) and Caelifera: Acrididae (6). Name-bearing types are deposited in the Swiss Federal Institute of Technology, Zurich (7), the Zoologische Staatssammlung, Munich (1) and the Natural History Museums of Berlin (1) and Geneva (4). Syntype series of two taxa are missing. In seven cases lectotypes are here designated. Four new synonymies are established: Tettigoniidae: *Ephippiger ephippiger eustratius* Fruhstorfer, 1921 = *E. diurnus* Dufour, 1841; *Ephippiger vicheti* Harz, 1966 = *E. persicarius* Fruhstorfer, 1921 **stat. rev.**; *Thamnotrizon chabrieri malachiticus* Fruhstorfer, 1921 = *Eupholidoptera chabrieri* (Charpentier, 1825). Acrididae: *Stenobothrus lineatus fervidior* Fruhstorfer, 1921 = *Stenobothrus lineatus* (Panzer, 1796). The paper provides detailed information on name-bearing types, type localities and the current status of each taxon.

Keywords: Blattellidae - Phaneropteridae - Tettigoniidae - Acrididae - new synonymy - lectotype designations - taxonomy - distribution.

The status of some taxa related to *Miramella irena* (Fruhstorfer) and the type of *Kisella* Harz (Caelifera: Acrididae: Melanoplinae)

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The status of some taxa related to *Miramella irena* (Fruhstorfer) and the type of *Kisella* Harz (Caelifera: Acrididae: Melanoplinae). - The present paper provides taxonomic notes on four taxa of the genus *Miramella* Dovnar-Zapolskij, 1933. Two species, *M. irena* (Fruhstorfer) and *M. carinthiaca* (Obenberger), which have often been confused are keyed out and illustrated. A neotype is designated for *M. carinthiaca* to provide a firm basis for the application of this name. We also show that this name has wrongly been attributed to Puschnig, 1910 (instead of Obenberger, 1926) by all subsequent authors. The currently accepted interpretation of the two taxa furthermore requires the designation of a lectotype for *Pezotettix alpinus collinus* Brunner von Wattenwyl in K nstler, 1864, which is thus fixed as a junior synonym of *M. alpina* (Kollar, 1833). Finally, the type species of the subgenus *Kisella* Harz, 1973 of *Miramella*, *M. carinthiaca* (Obenberger) [= *Podisma alpina carinthiaca* Obenberger, 1926], had been misidentified by Harz. We therefore validly fix the taxonomic taxon involved

in the misidentification, *M. irena* (Fruhstorfer) [= *Podisma alpina irena* Fruhstorfer, 1921], as the type species of *Kisella*.

Keywords: *Miramella carinthiaca* - *Pezotettix alpinus collinus* - lectotype designation - neotype designation - type species fixation - taxonomy.

A new species of *Platythyrea* from Dominican amber and description of a new extant species from Honduras (Hymenoptera: Formicidae)

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A new species of *Platythyrea* from Dominican amber and description of a new extant species from Honduras (Hymenoptera: Formicidae). - Two new species of *Platythyrea* are described in this paper. *P. pumilio* sp. n. is described from a single worker in Dominican amber. *P. lenca* sp. n. is based on three workers from the Recent Honduran fauna. Among the eight Recent and the three fossil Neotropical *Platythyrea* species known to date, the fossil *pumilio* shares with the Dominican amber *scalprum* Lattke the small size, the incrassated fore femora and the fore basitarsi with a seta opposite to the strigil, and with the extant Brazilian *exigua* Kempf the elongate head, the flat eyes and the minutely denticulate mandibles. The Honduran *lenca* sp. n. is very similar to the Costa Rican *prizo* Kugler. *P. lenca* and *prizo* share the elongate body, the narrow frontal lobes and the serrate mandibles; this latter character is also present in the fossil *P. dentata* Lattke.

Keywords: Hymenoptera - Formicidae - *Platythyrea* - Dominican amber - fossil - extinction - new species - Honduras.

First reports of the genus *Nigrobaetis* Novikova & Kluge (Ephemeroptera: Baetidae) from Madagascar and La Réunion with observations on Afrotropical biogeography

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First reports of the genus *Nigrobaetis* Novikova & Kluge (Ephemeroptera: Baetidae) from Madagascar and La Réunion with observations on Afrotropical biogeography. - *Nigrobaetis colonus* sp. n. and *Nigrobaetis cryptus* sp. n. are described from La Réunion and from Madagascar, respectively. This is the first report of the genus from either island and is the first description of a mayfly from La Réunion. These amazing discoveries are of biological importance for the understanding of colonisation processes of the islands in the Western part of the Indian Ocean. The first record of mayflies from La Réunion, a young (<3My) volcanic island, proves the potential of mayflies to disperse over long distances. Recently, *Nigrobaetis bethunae* Lugo-Ortiz & de Moor, 2000 was described from southern Africa (from the border

between Namibia and Angola); new reports from eastern South Africa are provided, which greatly extend the distribution range of this species.

Keywords: Baetidae - *Nigrobaetis* - new species - systematics - biogeography - Madagascar - La Réunion - southern Africa.

First record of *Hyssopus pallidus* (Askew, 1964) for Switzerland (Hymenoptera: Eulophidae)

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First record of *Hyssopus pallidus* (Askew, 1964) for Switzerland (Hymenoptera: Eulophidae). - The parasitoids emerged from apples that were collected in orchards in the cantons of Aargau and Zurich and were brought into the laboratory. They were found to have developed on both known hosts, i.e. *Cydia pomonella* (L., 1758) and *Cydia molesta* (Busck, 1916) (Lepidoptera: Tortricidae).

Keywords: Parasitoid - *Hyssopus pallidus* - *Cydia pomonella* - *Cydia molesta* - first record - Switzerland.

A new species of *Hyphessobrycon* (Characiformes, Characidae) from the Esteros del Iberá wetlands, Argentina

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A new species of *Hyphessobrycon* (Characiformes, Characidae) from the Esteros del Iberá wetlands, Argentina.- *Hyphessobrycon auca* sp. n. is described from the Esteros del Iberá wetlands. *Hyphessobrycon auca* differs from the remaining species of the genus by the presence of one maxillary tooth with 5 cusps; dentary low with teeth decreasing in size anteroposteriorly; males with hooks in all fins; mature females with hooks on pelvic-fin rays; one humeral spot vertically elongated, bounded by a light area; a second lateral spot may be faint or well developed; a wide lateral band ending in a conspicuous caudal spot.

Keywords: Characiformes - Characidae - *Hyphessobrycon* - Esteros del Iberá wetlands - new species - Argentina.

Erratum

NG, H. H. & KOTTELAT, M. 2004. *Amblyrhynchichthys micracanthus*, a new species of cyprinid fish from Indochina (Cypriniformes: Cyprinidae). *Revue suisse de Zoologie* 111 (2): 425-432.