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Description of a new African genus and a new tribe of Speleketorinae (Psocodea: 'Psocoptera': Prionoglarididae)

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Description of a new African genus and a new tribe of Speleketorinae (Psocodea: 'Psocoptera': Prionoglarididae). - Prionoglaridids are probably the most basal family of extant psocids and may be considered as living fossils. The genus *Afrotrogl*a gen. n. is described for three new species from southern Africa, two of them only known from caves: *A. oryx* sp. n. (South Africa, in cave, type species), *A. maraisi* sp. n. (Namibia) and *A. fabella* sp. n. (Namibia, in cave). The male of the second African genus of the subfamily, *Sensitibilla* Lienhard, is described for the first time and two new species of *Sensitibilla* are described, one of them only known from a cave: *S. brandbergensis* sp. n. (Namibia) and *S. roessingensis* sp. n. (Namibia, in cave). Some structures of the type species *S. strinatii* Lienhard are also illustrated. A comparison of these two genera with the third known genus of the subfamily, the North American *Speleketor* Gurney, shows that the African genera are characterized by some striking synapomorphies in male and female genitalia. Thus a subdivision of the subfamily Speleketorinae in two tribes is proposed: Speleketorini for *Speleketor* and Sensitibillini trib. n. for *Sensitibilla* and *Afrotrogl*a. Among other features, Sensitibillini are characterized by the presence of a trichobothrium on the hindtarsus. Tarsal trichobothria are not known elsewhere in insects. Male and female terminalia of *Speleketor irwini* Mockford are also illustrated.

Keywords: Trogiomorpha - new species - cave fauna - living fossils - trichobothria - Namibia - South Africa - North America.

A review of the catfish genus *Hara*, with the description of four new species (Siluriformes: Erethistidae)

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A review of the catfish genus *Hara*, with the description of four new species (Siluriformes: Erethistidae). - Species of the erethistid catfish genus *Hara* are reviewed in this study. Eight species are recognized: *Hara filamentosa*, *H. hara*, *H. horai*, *H. jerdoni*, *H. longissima*, *H. mesembrina*, *H. minuscula*, and *H. spinulus*, of which the latter four are described as new herein. *Erethistes maesotensis* is a junior synonym of *Hara filamentosa*, and *H. sahsarsai* and *H. serrata* junior synonyms of *H. hara*. A neotype is designated for *H. filamentosa* Blyth, 1860 and a lectotype is designated for *Hara horai* Misra, 1976.

Keywords: Sisoroidea - Bangladesh - India - Myanmar - Thailand.

***Deroplatys indica*, nouvelle espèce de l'Inde (Dictyoptera, Mantodea)**

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***Deroplatys indica*, new species from India (Dictyoptera, Mantodea).** - A new species of *Deroplatys* is described after a single male from India, preserved in the Muséum d'Histoire naturelle de la ville de Genève.

Keywords: Dictyoptera - Mantodea - Mantidae - Deroplatyinae - *Deroplatys* - région orientale.

Further additions to the scorpion fauna of the Guayana region of South America¹

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Further additions to the scorpion fauna of the Guayana region of South America. - This paper presents the results of a study of a new collection of South American scorpions now

deposited in the Geneva Museum. The collection comprises two families, four genera and nine species. Among them is one new species, *Broteochactas danielleae* sp. n. (Chactidae), described here from Guyana and Brazil.

Keywords: Scorpiones - *Broteochactas* - new species - Guyana.

Records of Pauropoda (Pauropodidae; Brachypauropodidae; Eurypauropodidae) from Singapore, Indonesia and Malaysia with the description of 18 new species (Pauropoda and Symphyla of the Geneva Museum XV)

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Records of Pauropoda (Pauropodidae; Brachypauropodidae; Eurypauropodidae) from Singapore, Indonesia and Malaysia with the description of 18 new species (Pauropoda and Symphyla of the Geneva Museum XV). - A collection of 104 Pauropoda (Myriapoda) from Southeast Asia was studied. Twenty-seven species were identified, 18 of them are new to science and are described here. These are: *Allopauropus serapiensis* sp. n., *A. cibodasensis* sp. n., *A. javanus* sp. n., *A. bidentulus* sp. n., *A. arcuatus* sp. n., *A. acuticaudis* sp. n., *A. prolongatus* sp. n., *A. divaricatus* sp. n., *A. bakoensis* sp. n., *A. crassus* sp. n., *A. curtus* sp. n., *A. quadrispinus* sp. n., *A. trapezoides* sp. n., *Scleropauropus singapuranus* sp. n., *Samarangopus trilix* sp. n., *S. tuberosus* sp. n., *S. interstinguus* sp. n., *S. sarawakensis* sp. n. Most species in this collection have not been found elsewhere, indicating a high degree of endemism. The wide range element is poor in species.

Keywords: Myriapoda - taxonomy - soil fauna - Southeast Asia - biogeography.

New species of *Iarupea* Martínez and morphological specializations among related taxa associated with ants and termites (Coleoptera: Scarabaeidae: Eupariini)

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New species of *Iarupea* Martínez and morphological specializations among related taxa associated with ants and termites (Coleoptera: Scarabaeidae: Eupariini). - *Iarupea* Martínez is one of the South American, myrmecophilous genera of Eupariini with five species, including two species from Brazil described herein as new: *I. goias* sp. n. and *I. luisae* sp. n. The genus is redefined, a key for species, distribution, habitus photographs and illustrations are given. Adaptive modifications in external morphology of *Iarupea* and of 14 related myrmecophilous genera are summarized. Of the total number of 33 species known to occur with social insects, most numerous species are recorded in association with leaf-cutting ants *Atta* F. (18 species) and *Acromyrmex* Mayr (5 species); the second group includes species associated with fire ants *Solenopsis* Westw. (7 species) and *Iridomyrmex* Mayr (1 species) (Formicidae,

Myrmicinae). Two highly derived species are recorded from termitaria of unknown hosts. Known or suspected behavioural aspects among the guests and hosts are discussed.

Keywords: Coleoptera, - Eupariini - Iarupea - new species - myrmecophilous genera - morphological specializations - New World.

***Hisonotus hungy* sp. n. (Siluriformes, Loricariidae) a new species from arroyo Tirica, Misiones, Argentina**

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***Hisonotus hungy* sp. n. (Siluriformes, Loricariidae) a new species from arroyo Tirica, Misiones, Argentina.** - *Hisonotus hungy* sp. n. is described from the arroyo Tirica, río Paraná basin in Misiones province, Argentina. *Hisonotus hungy* sp. n. is diagnosed by the following combination of characters: 20-22 lateral plates, 5 branched anal-fin rays, absence of pad on snout tip, blunt and deep snout, snout 45.5-50.9 (% in HL), eye 13.4-17.1 (% in HL), predorsal unpaired plates absent; vent completely covered by two rows of large lateral platelets and one median series with irregular plates.

Keywords: Freshwaters fish - loricariids - Hypoptopomatinae - *Hisonotus* - South America - río Paraná basin.

Phylogenetic position, morphology and natural history of the Vietnamese water skink *Tropidophorus noggei* Ziegler, Vu & Bui, 2005 (Sauria: Scincidae)

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Phylogenetic position, morphology and natural history of the Vietnamese water skink *Tropidophorus noggei* Ziegler, Vu & Bui, 2005 (Sauria: Scincidae). - The depressed-bodied water skink species *Tropidophorus noggei* was recently described from Phong Nha - Ke Bang National Park, a karst forest region in the Truong Son, central Vietnam. Subsequent field research at the type locality led to the finding of additional specimens which allowed to extend the knowledge about the species' morphology including hemipenis morphology. The molecu-

lar positioning of the species within *Tropidophorus* supports that the body depression recognized in several Indochinese taxa is likely to have occurred at least twice in parallel as an adaptation to saxicolous habitats. New insights into the natural history of *Tropidophorus noggei* are given, including habitat choice, abundance, activity and habits, as well as the species' feeding and reproductive ecology.

Keywords: Sauria - Scincidae - Lygosominae - *Tropidophorus* - *T. noggei* - mitochondrial DNA sequence data - systematics - morphology - natural history - Vietnam.

Studies of the genus *Anthelephila* Hope (Coleoptera: Anthicidae) – 10. Species related to *A. imperatrix*

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Studies of the genus *Anthelephila* Hope (Coleoptera: Anthicidae) – 10. Species related to *A. imperatrix*. - *Anthelephila imperatrix* LaFerté-Sénéctère, 1849, *A. subtruncata* (Pic, 1899) and male characters of *A. besucheti* Bonadona, 1989, *A. congoana* Uhmman, 1981 and *A. ovipennis* (Bonadona, 1984) are redescribed. Eight new species are described: *A. cardamontis* sp. n. (India), *A. curvitarsis* sp. nov. (South Africa), *A. aratrix* sp. n. (India), *A. irula* sp. n. (India), *A. kresli* sp. n. (Nepal), *A. lobulicula* sp. n. (Nepal), *A. sculpta* sp. n. (India, Bhutan) and *A. vanhillei* sp. n. (South Africa). New synonymy, *A. imperatrix* LaFerté-Sénéctère, 1849 (= *Formicomus punctaticeps* Pic, 1916 syn. n.), is proposed. Status of *F. cribriceps* Marseul, 1876 is discussed and its previous placement in synonymy with *A. imperatrix* LaFerté-Sénéctère, 1849 is supported.

Keywords: Coleoptera - Anthicidae - *Anthelephila* - systematics - new species - new synonymy.

Re-description of the holotype of *Vipera eriwanensis* (Reuss, 1933) (Serpentes: Viperidae)

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Re-description of the holotype of *Vipera eriwanensis* (Reuss, 1933) (Serpentes: Viperidae). - The missing holotype of *Vipera eriwanensis* described by Reuss in 1933 is re-described, and the questions relating to the source, number of individuals and species in the type series are answered. A review of the papers by Reuss relating to this taxon is made, and a complete chresonym list is given. The decisions leading to the designation of a neotype are discussed, remarks are made on the source of the individual, the revalidation of the holotype and accordingly the change of the type locality is proposed.

Keywords: Taxonomy - neotype - holotype - type locality - Armenia.