

# REDESCRIPTION OF *ENDONURA CRETENSIS* (ELLIS, 1976) (COLLEMBOLA: NEANURIDAE: NEANURINAE) WITH A NEW RECORD FROM ISRAEL

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**Abstract.**—*Endonura cretensis* (Ellis, 1976) is redescribed, discussed and illustrated on the basis of the holotype and new specimens. The species is recorded from Israel for the first time. Within the genus it is strongly isolated and the most similar to *E. wrotuberculata* Pomorski et Skarżyński, 2000 from Bulgaria.



**Key words.**— Collembola, Neanurinae, *Endonura*, redescription, Israel.

# FIRST FOSSIL CLICK BEETLES FROM THE MIDDLE JURASSIC OF INNER MONGOLIA, CHINA (COLEOPTERA: ELATERIDAE)

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**Abstract.**— A new genus with two new species and one new species of fossil elaterids are described: *Paradesmatus baiaae* **sp. nov.**, *Paradesmatus ponomarenkoi* **sp. nov.**, *Protagyrypnus robustus* **sp. nov.** These findings document the fossils from the Middle Jurassic Jiulongshan Formation of Eastern Inner Mongolia, China. Fossil elaterids of Mesozoic with large triangular plates of metacoxae have been discovered only from the Upper Jurassic strata of Karatau so far, *Paradesmatus baiaae* with the unique feature will expand our knowledge on the early diversification of elaterids.



**Key words.**— Elateridae, fossil, Daohugou, Middle Jurassic, China.

# NEW AND LITTLE KNOWN SPECIES OF THE GENERA *CHINATHOUS* KISHII ET JIANG, 1996 AND *GNATHODICRUS* FLEUTIAUX, 1934 (COLEOPTERA: ELATERIDAE) FROM ASIA

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**Abstract.**— Eleven new species of the genera *Chinathous* and *Gnathodierus* from China, Laos, Nepal and Sikkim (North India) are described and illustrated: *Chinathous heinzi* sp. nov., *C. jitiangensis* sp. nov., *C. juizhaigouensis* sp. nov., *C. moriensis* sp. nov., *C. xinjiangensis* sp. nov., *Gnathodierus daliangshanensis* sp. nov., *G. dehongdaiensis* sp. nov., *G. laoticus* sp. nov., *G. nepalensis* sp. nov., *G. vietnamensis* sp. nov., *G. zhongdianensis* sp. nov., *Chinathous lizipingensis* (Schimmel et Tarnawski, 2006) is introduced as comb. nov. *Gnathodierus nepalensis* sp. nov. is recorded as the first species of the genus *Gnathodierus* from Himalaya (Nepal and North India).



**Key words.**— Entomology, taxonomy, Coleoptera, Elateridae, *Chinathous*, *Gnathodierus*, new species, new nomenclatural combination, China, Laos, Nepal.

NEOTYPE DESIGNATION OF *HEXARHOPALUS*  
*SCULPTICOLLIS* FAIRMAIRE, 1891 AND NEW RECORDS  
OF GENUS *HEXARHOPALUS* FAIRMAIRE, 1891  
(COLEOPTERA: TENEBRIONIDAE: CNODALONINAE)

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**Abstract.**— Neotype of *Hexarhopalus sculpticollis* Fairmaire, 1891 is designated. Redescription and photo of habitus is provided. New species records of the genus *Hexarhopalus* Fairmaire, 1891 are presented with *H. pacholatkoï* Bečvář et Purchart, 2008 for the first time recorded from Laos.



**Key words.**— Taxonomy, Coleoptera, Tenebrionidae, Cnodaloninae, *Hexarhopalus*, neotype designation, new records, Oriental Region, Palaearctic Region.

REVISION OF THE GENUS *ASIDA* LATREILLE, 1802.  
PART I. THE *POLASIDA* REITTER, 1917 GROUP  
(COLEOPTERA: TENEBRIONIDAE)

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**Abstract.**— The species of the genus *Asida* Latreille, 1802, belonging to the subgenus *Polasida* Reitter, 1917 are revised on the basis of an important voucher material. Illustrated keys to subgenera of *Asida* and species of the subgenus *Polasida* are provided. *Asida pазii* Pérez Arcas, 1865 is a junior synonym of *Asida jurinei* Solier, 1836, synonymy confirmed. *Asida levantina* Escalera, 1922 is reconsidered as a bona species. A lectotype is designated for *Asida levantina* Escalera, 1922.



**Key words.**— Insecta, Coleoptera, Tenebrionidae, Pimeliinae, Asidini, *Asida*, *Polasida*, systematics, revision.

# MORPHOLOGY OF IMMATURE STAGES AND NOTES ON BIOLOGY OF *OCYPUS FULVIPENNIS* ERICHSON, 1840 (COLEOPTERA: STAPHYLINIDAE)

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**Abstract.**— The paper describes and illustrates the morphology of all preimaginal stages for *Ocypus fulvipennis* Erichson, 1840 including a detailed account of chaetotaxy. Diagnostic characters of egg, larva and pupa of this species are given. Morphological differences between the first ( $L_1$ ) and mature ( $L_3$ ) larval instars cover: chaetotaxy of head, profemur, protibia, tarsungulus, abdominal tergites, paratergites, sternites, parasternites and urogomphi; structure of antenna, maxillae and urogomphi; microstructure of abdominal tergites, proportions of the body parts, body colour and habitus. Some data on its distribution and biology in the field and laboratory conditions are also provided. All immature stages of *O. fulvipennis* were compared with those of other members of this genus. Instead of size, following distinguishing characters are provided for respective stages: egg – tubercle simple, without projection and equatorial band medium in width; larvae ( $L_3$ ) – teeth of nasale very sharp and well marked, apotome with sharply pointed apex, segment II of labial palp about 2.4 times longer than segment III; pupa – 12 setiform projections on pronotum, antennae distinctly protruding beyond apex of middle tibia, hind legs reaching  $\frac{2}{3}$  of length of 4<sup>th</sup> morphological segment.



**Key words.**— Staphylinidae, *Ocypus fulvipennis*, immature stages, morphology, biology.

# TAXONOMIC REVISION OF THE *PACHEI* SPECIES-GROUP OF THE GENUS *MYRMICA* LATREILLE (HYMENOPTERA: FORMICIDAE)

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**Abstract.**— Previously, workers of species belonging to the *pachei*-group of the genus *Myrmica* were characterised by having only transverse rugosity on the alitrunk dorsum. The group contained only *M. pachei* and *M. villosa*, both endemic to the Indian side of the Himalaya. Three other species were recently described from China (*M. taibaensis*, *M. polyglypta* and *M. weii*) that have at least some transverse rugae mixed with other types of sculpture on various parts of the alitrunk dorsum. Examination of new material collected from southern and south-western China and Kashmir revealed 9 new species sharing this feature. Here we redefine the *pachei*-group to include all 14 species; we review all the species, making a redescription of *M. taibaensis* and describe the 9 new species: *Myrmica sculptiventris*, *M. schulzi*, *M. phalacra*, *M. varisculpta*, *M. hlavaci*, *M. pleiorhytida*, *M. multiplex*, *M. yunnanensis* and *M. heterorhytida*. Drawings and measurements are provided together with a conventional key to workers of the *pachei*-group and a diagnostic table of the species.



**Key words.**— Ants, Formicidae, *Myrmica*, *pachei*-group, taxonomy, new species, key, China, Himalaya.

# FIVE NEW SPECIES OF THE GENUS *DIoidES* FROM CHINA (DIPTERA: LAUXANIIDAE)

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**Abstract.**— The following five species of the genus *Dioides* from China are described as new to science: *Dioides furcatus* **sp. nov.**, *Dioides incurvatus* **sp. nov.**, *Dioides jinxiuensis* **sp. nov.**, *Dioides minutus* **sp. nov.** and *Dioides rufescinasus* **sp. nov.** A key to separate them is presented.



**Key words.**— Diptera, Lauxaniidae, *Dioides*, new species, China.



# THREE NEW TYDEINAE SPECIES (ACARI: ACTINEDIDA: TYDEIDAE) FROM POLAND

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**Abstract.**— Three new species of the subfamily Tydeinae: *Brachytydeus quasi-stigmaeus*, *B. crassidigitosus* and *B. incertus* from Poland are described, figured and located in a key.



**Key words.**— Acari, Tydeidae, Tydeinae, morphology, new species, Poland.

***ARCTOSEIUS WISNIEWSKII* SP. NOV.  
(ACARI: ASCIDAE) FROM POLAND**

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**Abstract.**— A new species *Arctoseius wisniewskii* sp. nov. (Acari: Ascidae) is described and illustrated. It was found in litter and soil from rock cracks in the Góry Stołowe National Park in Poland.



**Key words.**— Acari, Mesostigmata, Ascidae, *Arctoseius*, new species, Poland.

# THREE NEW SPECIES OF THE GENUS *TEGOLOPHUS* KEIFER, 1961 (ACARI: ERIOPHYIDAE) FROM CHINA

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**Abstract.**— The following three new species of the genus *Tegolophus* Keifer from Oriental China are described and illustrated in this paper. They are: *Tegolophus carmonae* **sp. nov.** infesting *Carmona microphylla* (Lam.) G. Don. (Boraginaceae), *Tegolophus corylopsus* **sp. nov.** infesting *Corylopsis glandulifera* Hemsl. (Hamamelidaceae) and *Tegolophus miscanthus* **sp. nov.** infesting *Miscanthus floridulus* (Lab.) Warb (Poaceae).



**Key words.**— Eriophyoidea, Phyllocoptinae, *Tegolophus*, new species, taxonomy, China.

# NEW SPECIES OF THE GENUS *THORELLIOLA* STRAND, 1942 (ARANEAE: SALTICIDAE)

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**Abstract.**— Two New Guinean species of *Thorelliola*: *T. dissimilis* **sp. nov.** and *T. pallidula* **sp. nov.** are diagnosed, described and illustrated, including new data on female clypeal setae and internal genital accessory glands. Generic relationships of *Thorelliola* are commented.



**Key words.**— Araneae, Salticidae, *Thorelliola*, new species, New Guinea, relationships, clypeal setae, accessory gland.