

MONOGRAPHIC REVISION OF THE ANTS (HYMENOPTERA: FORMICIDAE) OF NORTH KOREA

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Abstract.— The monographic revision of North Korean ants is provided first time in the World literature. This work was based on the investigation of very rich material collected by Polish and Hungarian entomologists in North Korea in 1959–1990. The collections are kept in the Museum and Institute of Zoology of the Polish Academy of Sciences, Warsaw, in the Institute of Environmental Sciences of the Jagiellonian University, Cracow, and in the Hungarian Natural History Museum, Budapest. In total, these unique collections include more than 70 thousand specimens collected in almost all regions of North Korea. Altogether, 99 ant species from 35 genera and 7 subfamilies, including 6 newly described species and 35 new to North Korea have been found; 17 species have been excluded from the list of the North Korean fauna. The monograph includes review of species, taxonomic and zoogeographical analysis of the Korean myrmecofauna, and the comparison of this fauna with that of the adjacent regions of Eastern Asia. A key for determination of all taxa of North Korean ants is also provided.



Key words.— Ants, Formicidae, taxonomy, key, zoogeography, North Korea, East Palaearctic.

NOTES ON OTIOCERINAE WITH DESCRIPTION OF A NEW TRIBE FROM MADAGASCAR AND AFRICA (HEMIPTERA: FULGOROMORPHA: DERBIDAE)

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Abstract.— A key to Derbidae subfamilies and tribes of Otiocerinae is given. A new tribe of Otiocerinae (Derbidae) planthoppers, Aqualiiciini trib. nov., is established to comprise a few genera from the African continent and Madagascar. The tribe Patarini Emeljanov, 1994 is redefined and key to the genera is given. New genera: *Ileifea* gen. nov. for *Patara radiata* Synave, 1979, comb. nov., and *Muiravea* gen. nov., for *Patara hargreavesi* Muir, 1930, comb. nov., from Africa are described. Three new genera from Madagascar: *Ravola* gen. nov., *Razanus* gen. nov. and *Vizimum* gen. nov., are described and new species: *Vizimum constanti* sp. nov., *Vizimum lakandavaensis* sp. nov., *Razanus beniowskii* sp. nov. and *Ravola pennyi* sp. nov. are described. An annotated checklists of Aqualiiciini and Patarini with data on distribution are given. New localities of *Patara vanduzei* Ball, 1902 from North America are presented.



Key words.— Hemiptera, Fulgoromorpha, Derbidae, Otiocerinae, Aqualiiciini, Patarini, planthoppers, Madagascar, Nearctic Region, Afrotropical Region, the Seychelles, classification, taxonomy, new tribe, new genera, new species.

REVISION OF THE AUSTRALIAN COCCINELLIDAE (COLEOPTERA). PART 4. TRIBE TELSIMINI

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Abstract.— The Australian members of the Coccinellid tribe Telsimini are revised which now includes 2 genera and 16 species. Nomenclatural history, diagnoses and distribution are provided for each genus and species. Keys to the genera and species are also presented. The lectotypes are designated for: *Lipernes creber* Blackburn, 1895, *L. gibbosus* Blackburn, 1895, *L. subviridis* Blackburn, 1892 and *Serangium obscuripes* Lea, 1902. *Telsimia abdita*, *T. acaciae*, *T. cassicula*, *T. glorious*, *T. leucoceps*, *T. occidua*, *T. palitans*, *T. rossi* and *T. rotunda* spp. nov. are described from Australia. *Serangium obscuripes* Lea, 1902 is transferred to *Telsimia* and *T. elainae* Chazeau is newly recorded from Australia.



Key words.— Entomology, taxonomy, review, Cucujoidea, Coccinellidae, Telsimini, New Guinea, Australia.

RÉVISION DU GENRE *TAUROCERAS* HOPE, 1840 (COLEOPTERA: TENEBRIONIDAE: CENTRONOPINI)

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Abstract.— The type material of the species belonging to the genus *Tauroceras* Hope, 1840 and *Tauroceropedus* Pic, 1913 is studied and all the known taxa are revised. *Tenebrio cornutum* Fabricius, 1775 (genus *Tauroceras*) is redescribed on the basis of type material discovered in the Hunterian collection (1718–1783) of the Museum of Zoology, University of Glasgow, Scotland. The strange *locus typicus* “Smyrna” is found not to be Izmir in Turkey, but more probably a locality in the old scotish colony of Florida. Lectotypes are designated for the following taxa: *Tenebrio aries* Dalman, 1823, *Tenebrio angulatum* Perty, 1830, *Tauroceras angulatum* Pic, 1913, syn. nov. and *T. angulatum* var. *nitidus* Pic, 1913, syn. nov. Six new species are described: *Tauroceras evasprecherae* sp. nov. from Brazil, *T. girardi* sp. nov. from Central America, *T. barclayi* sp. nov. from Jamaica, *T. tichyi* sp. nov. from Ecuador, *T. noelmali* sp. nov. from Colombia and Bolivia, *T. lucifer* sp. nov. from Brazil, Colombia and Ecuador. The genus *Tauroceropedus* Pic, 1913 syn. nov. is considered as a junior synonym of *Tauroceras* Hope, 1840. The formerly unknown male of *Tauroceras* (= *Tauroceropedus*) *rugosicollis* (Pic, 1913) comb. nov. is described from French Guyana. Figures and keys to identify all species are given. The genus *Tauroceras* is maintained within the tribe Centronopini in the subfamily Tenebrioninae, sensu Doyen (1980).



Key words.— Coleoptera, Tenebrionidae, Centronopini, *Tauroceras*, *Tauroceropedus*, revision, new species, Neotropical region.

DESCRIPTION OF LAST INSTAR LARVA OF *CHLAMYDOCASSIS CRIBRIPENNIS* (BOHEMAN, 1850) (COLEOPTERA: CHRYSOMELIDAE: CASSIDINAE)

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Abstract.— Last instar larva of *Chlamydocassis cribripennis* (Boheman, 1850) is described in detail.



Key words.— Coleoptera, Chrysomelidae, Cassidinae, Goniocheniini, *Chlamydocassis cribripennis*, larva, Neotropics.

**BEZDEKIA TENEBROSA, NEW PALAEARCTIC GENUS
AND SPECIES OF THE SUBFAMILY EUMOLPINAE
(INSECTA: COLEOPTERA: CHRYSOMELIDAE)**

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Abstract.— *Bezdekia tenebrosa*, gen. and sp. nov. from Iran is described and illustrated.



Key words.— Entomology, Coleoptera, *Bezdekia tenebrosa*, Iran, new genus and species, description.

REDESCRIPTION OF THE MITE *BENOINYSSUS NAJAE* FAIN, 1958 (ACARI: PROSTIGMATA: EUPODOIDEA: EUPODIDAE) FROM AFRICA

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Abstract.— In this paper, *Benoinyssus najae* Fain, 1958 from the family Eupodidae is redescribed on the basis of a paratype from Africa. The paratype is housed in the Musée Royal de l'Afrique Centrale, Tervuren, Belgium. A comprehensive account of the morphology of the body, i.e. idiosoma, gnathosoma, legs with setae and solenidia, is given here for the first time. This is the first redescription since *B. najae* was originally described.



Key words.— Acari, Eupodidae, Benoinyssinae, *Benoinyssus najae*, morphology, redescription.