

## A REVIEW OF THE GENUS *ACATHARTUS* GROUVELLE (COLEOPTERA: SILVANIDAE)

TARUN K. PAL<sup>1</sup> and DAVID G. H. HALSTEAD<sup>2</sup>

<sup>1</sup> *Zoological Survey of India, Calcutta, India*

<sup>2</sup> *57 Meadow Way, Old Windsor, Berks, SL4 2NY, U.K.*

*Address for correspondence: Dr. T. K. Pal, Zoological Survey of India, M-Block, New Alipore, Calcutta-700 053, India*

**Abstract.**— *Acathartus* Grouvelle, a genus belonging to the Silvanidae: Silvaninae, is redescribed on the basis of *A. insignis* (Grouvelle) from Sumatera and *A. mizoramensis* sp. nov., from the Lushai Hills, Mizoram, northeast India. The species are (re)described and illustrated.



**Key words.**— Insecta, Coleoptera, Silvanidae, Silvaninae, *Acathartus*, new species.

## REVISION OF THE GENERIC GROUP OF THE TRIGONOPOID PLATYNOTINA (COLEOPTERA: TENEBRIONIDAE: PLATYNOTINI) FROM SOUTH AFRICA. PART II. GENERA *EVIROPODUS* KOCH, *WARCHALOWSKIELLUS* GEN. NOV., *SCHELODONTES* KOCH AND *ZOPHODES* FÄHRAEUS.

DARIUSZ IWAN

*Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa, Poland; e-mail: darek@robal.miiz.waw.pl*

**Abstract.**— Four genera of the trigonopoid *Platynotina* are revised: *Eviropodus* Koch (type species: *Trigonopus alternans* Fähræus, 1870), *Warchalowskiellus* gen. nov. (type species: *Trigonopus longulus* Mulsant et Rey, 1853), *Schelodontes* Koch (type species: *Trigonopus immundus* Mulsant et Rey, 1853) and *Zophodes* Fähræus (type species: *Zophodes tristis* Fähræus, 1870). Five species are described: *Eviropodus punctatus*, *Warchalowskiellus invenustus*, *Schelodontes dormitorius*, *S. marseuli* and *S. parvus*. The following synonymies are proposed: *Eviropodus funebris* (Mulsant et Rey, 1853) (= *Trigonopus alternans* Fähræus, 1870), *Warchalowskiellus longulus* (Mulsant et Rey, 1853) (= *Schelodontes exceptionalis* Koch, 1956), *Warchalowskiellus chevrolati* (Mulsant et Rey, 1853) (= *Trigonopus amplicollis* Fairmaire, 1897) and *Schelodontes verreauxi* (Mulsant et Rey, 1853) (= *Schelodontes frater* Koch, 1956). Keys for species determination are provided.



**Key words.**— entomology, taxonomy, revision, Coleoptera, Tenebrionidae, trigonopoid *Platynotina*, South Africa.

***PHYMATOPLATA HALSTEADI* SP. NOV. – THE SECOND KNOWN SPECIES OF THE GENUS *PHYMATOPLATA* KOCH (COLEOPTERA: TENEBRIONIDAE: PLATYNOTINI)**

DARIUSZ IWAN

*Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa, Poland; e-mail: darek@robal.miiz.waw.pl*

**Abstract.**— *Phymatoplata halsteadi* sp. nov. is described from tropical Africa. The genus *Phymatoplata* was previously known only from single species – *P. asperula* (Fairmaire, 1897). Lectotype and paralectotype are designated for *Selinus asperulus* Fairmaire, 1897.



**Key words.**— Coleoptera, Tenebrionidae, Platynotini, *Phymatoplata*, taxonomy, Africa.

**ECOLOGICAL AND TAXONOMIC NOTES ON *LEPTOTHORAX NADIGI* KUTTER, 1925 (HYMENOPTERA, FORMICIDAE) – AN ANT SPECIES NEW TO POLAND**

WIESŁAWA CZECHOWSKA<sup>1</sup>, ALEXANDER RADCHENKO<sup>2</sup> and WOJCIECH CZECHOWSKI<sup>1</sup>

<sup>1</sup>*Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa, Poland, E-mail wcz@robal.miiz.waw.pl; czech@robal.miiz.waw.pl*

<sup>2</sup>*Institute of Zoology, Ukrainian National Academy of Sciences, B. Khmelnitsky str., 15, Kiev-30, 252601 Ukraine, E-mail rad@usenc.kiev.ua*

**Abstract.**— Information is given on the biology of *Leptothorax (Myrafant) nadigi* Kutter, a species new to Poland, and on its occurrence in the Pieniny Mts (the Western Carpathians). Morphological differences between workers of this species and those of the similar species *L. (M.) corticalis* (Schenck) and *L. (M.) bulgaricus* Forel are described.



## THE GENUS *TETRAMORIUM* MAYR (HYMENOPTERA, FORMICIDAE) IN POLAND – A SURVEY OF SPECIES AND A KEY FOR THEIR IDENTIFICATION

ALEXANDER RADCHENKO<sup>1</sup>, WOJCIECH CZECHOWSKI<sup>2</sup> and WIESŁAWA CZECHOWSKA<sup>2</sup>

<sup>1</sup>*Institute of Zoology, Ukrainian National Academy of Sciences, B. Khmelnitsky St 15, Kiev-30,  
252601 Ukraine, E-mail rad@usenc.kiev.ua*

<sup>2</sup>*Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa,  
Poland, E-mail wcz@robal.miiz.waw.pl; czech@robal.miiz.waw.pl*

**Abstract.**— A taxonomic review is made of 5 species of the genus *Tetramorium* Mayr occurring in Poland: *T. caespitum* (L.), *T. impurum* (Foerst.), *T. moravicum* Kratochvíl, *T. insolens* (F. Smith), and *T. caldarium* (Roger). An identification key is provided, together with information on their biology, geographical ranges and distribution in Poland.



**Key words.**— ants, *Tetramorium*, taxonomy, zoogeography, biology, fauna, Poland, catalogue, key

## SYSTEMATISCHE STELLUNG VON *OXYCHILUS HERZI* (O. BOETTGER, 1889) AUS DEM NORD-IRAN (GASTROPODA, ZONITIDAE).

ADOLF RIEDEL

*Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa,  
Poland*

**Abstract.**— Based on anatomical structure (genitalia, radula), and considering conchological characters, a new monotypic subgenus *Iranoxychilus* is established for *Oxychilus herzi* from N Iran.



**Key words.**— Gastropoda, Zonitidae, *Iranoxychilus* subgen. nov., N Iran.

## A CATALOGUE OF THE CROTCH COLLECTION OF EROTYLIDAE (COLEOPTERA)

PAUL E. SKELLEY

*Florida State Collection of Arthropods, Division of Plant Industry, Florida Department of Agriculture and Consumer Services, 1911 SW 34th St., P. O. Box 147100, Gainesville, FL 32614-7100, U.S.A.*

**Abstract.**— The species of Languriidae, Erotylidae, and Helotidae in the “Erotylidae” collection of George Robert Crotch, preserved at the University Museum of Zoology, Cambridge, England, are cataloged. The label data of potential type material are recorded. The present combination or status of each taxon is provided.



**Key words.**— Crotch, Erotylidae, Languriidae, Helotidae, Coleoptera, catalogue.

## DIE WESTPALÄARKTISCHEN ARTEN DER GATTUNG *PHYLLOBROTICA* CHEVROLAT, 1837 (COLEOPTERA, CHRYSOMELIDAE, GALERUCINAE)

ANDRZEJ WARCHAŁOWSKI

*Instytut Zoologiczny Uniwersytetu Wrocławskiego, Sienkiewicza 21, 50-335 Wrocław*

**Abstract.**— All the west-palaearctic species of the genus *Phyllobrotica* Chevrolat, 1837 are discussed and illustrated. The distributional data and a key for the identification of the known species and of a new species here described are given. A new species *Ph. aslani* from Turkey is described, the synonymy *Ph. humeralis* Kraatz 1891 = *Ph. frontalis* Weise 1886 is proposed.



**Key words.**— Coleoptera, Chrysomelidae, Galerucinae, *Phyllobrotica*, West Palearctic, identification.

ÜBER EINIGE KLEINASIATISCHE ARTEN DER GATTUNG  
*PACHYBRACHIS* CHEVROLAT, 1837 (COLEOPTERA:  
CHRYSOMELIDAE: CRYPTOCEPHALINAE)

ANDRZEJ WARCHAŁOWSKI

*Instytut Zoologiczny Uniwersytetu Wrocławskiego, Sienkiewicza 21, 50-335 Wrocław*

**Abstract.**— Some Turkish species of the genus *Pachybrachis* Chevrolat, 1837 are discussed and illustrated. A new species, *Pachybrachis velarum* sp. nov. is described.



**Key words.**— Coleoptera, Chrysomelidae, Cryptocephalinae, *Pachybrachis*, morphology, Turkey, new species.

*MONONCHUS LOOFI* SP. NOV. (NEMATODA: MONONCHIDAE)  
FROM POLAND

GRAŻYNA WINISZEWSKA

*Muzeum i Instytut Zoologii PAN, Wilcza 64, 00-679 Warszawa, Poland, e-mail  
nicien@robal.miiz.waw.pl*

**Abstract.**— A new species of *Mononchus* Bastian, 1865 is described from Poland. *Mononchus loofi* sp. nov. is distinguished by its small size (L = 1.12–1.35 mm), small buccal cavity (10–11 × 21–23 μm) with walls very thick in the middle part and position of dorsal tooth apex (28–33% of the buccal cavity length).



**Key words.**— Mononchidae, *Mononchus*, Nematoda, Poland, taxonomy.