



FRAGMENTA FAUNISTICA 56 (2): 89–112, 2013

PL ISSN 0015-9301 © MUSEUM AND INSTITUTE OF ZOOLOGY PAS

DOI 10.3161/00159301FF2013.56.2.089

## A distribution atlas of legally protected ground beetle species (Coleoptera: Carabidae) occurring in the Łódź Province, central Poland

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**Abstract:** Data on diversity and distribution on ground beetle species protected by Polish law noted in the area of the Łódź Province is summarized based on the literature data and new records. In total, data on twenty taxa are provided including records for *Calosoma* (3) and *Carabus* species (17). Among them, occurrence of three species should be confirmed by new faunistic data: *Carabus auratus* (not noted since 1959), *C. marginalis* and *C. nitens* (both with last records from before 1990). The most common species in the region are: *Carabus arvensis*, *C. auronitens*, *C. cancellatus*, *C. granulatus*, *C. nemoralis*, *C. hortensis*, and *C. violaceus*. Seven species are endangered according to the Polish Red List, including *Carabus clathrarius* Linnaeus, 1761 (EN category), *C. marginalis* Fabricius, 1794 and *C. nitens* Linnaeus, 1758 (VU category), *Calosoma sycophanta* (Linnaeus, 1758) and *Carabus convexus* Fabricius, 1775 (NT category), *C. intricatus* Linnaeus, 1761 (LC category), and *C. problematicus* (DD category).

**Key words:** Central Poland, *Calosoma*, *Carabus*, protected species, nature conservation, diversity, distribution



FRAGMENTA FAUNISTICA 56 (2): 113–129, 2013  
PL ISSN 0015-9301 © MUSEUM AND INSTITUTE OF ZOOLOGY PAS  
DOI 10.3161/00159301FF2013.56.2.113

## Orthopterans (Orthoptera) of the Tatra Mountains and Podhale (Poland)

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**Abstract:** The results of faunistic studies on Orthoptera fauna of the Tatra Mountains and the Podhale region in Poland are presented. The material of Orthoptera collected in 2008 and 2009 contained 24 species. The review of the material from the earlier collections stored in MIZ PAS in Warsaw and ISEA PAS in Cracow as well as the field notes made in the 1950's and 1960's by Polish entomologist Władysław Bazyluk, showed that 32 Orthoptera species were noted in total from the study regions. Comparison of data collected at different times spanning more than a century shows the dynamics of change in the Polish part of the Tatra National Park fauna.

**Key words:** Orthoptera, Tatra Mts, Podhale, changes in fauna, distribution, frequency, vertical range,



FRAGMENTA FAUNISTICA 56 (2): 131–156, 2013  
PL ISSN 0015-9301 © MUSEUM AND INSTITUTE OF ZOOLOGY PAS  
DOI 10.3161/00159301FF2013.56.2.131

## Contribution to the knowledge of the calliphorid fauna in Eastern Asia, with new data from North Korea

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**Abstract:** The present state of knowledge of the calliphorid fauna of Eastern Asia is reviewed. The material from the family Calliphoridae collected in North Korea by six expeditions of researchers from the Institute of Zoology PAS, Warsaw, Poland has been presented. Twenty four species representing 10 genera has been identified. Twelve species are reported for the first time in the fauna of Korea. Two of them: *Polleniopsis mongolica* Séguy and *Stomorhina discolor* (Fabr.) are presented in colour images. Among these species there are five very rare ones, known only from original descriptions: *Bellardia benshiensis* Hsue, *Bellardia heilongjiangensis* Chen, Cui et Zh., *Bellardia longistricta* Fan et Quian, *Bellardia oligochaeta* Chen et Fan and *Melinda maai* Kur. At present, 48 species of the calliphorid flies are recorded from the Korean Peninsula.

**Key words:** Diptera, Calliphoridae, North Korea, Eastern Asia.



FRAGMENTA FAUNISTICA 56 (2): 157–166, 2013  
PL ISSN 0015-9301 © MUSEUM AND INSTITUTE OF ZOOLOGY PAS  
DOI 10.3161/00159301FF2013.56.2.157

## Two new and one little-known species of the millipede genus *Epanerchodus* Attems, 1901 from southern China (Diplopoda, Polydesmida, Polydesmidae)

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**Abstract:** Two new, obviously high-montane, forest-dwelling species of the large eastern Palaearctic genus *Epanerchodus* are described from China: *E. belousovi* sp. n., from Sichuan, and *E. typicus* sp. n., from Yunnan. Both differ from congeners chiefly by certain details of gonopod structure.

**Key words:** diplopod, *Epanerchodus*, taxonomy, new species, China