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The first records of the cave isopod *Mesoniscus graniger* (Frivaldszky, 1865) (Crustacea, Isopoda, Oniscidea) in Poland

Krzysztof PIKSA* and Sándor FARKAS**

**Pedagogical University of Cracow, Institute of Biology, Podbrzezie 3, 31-054 Cracow, Poland;
e-mail: krzychu@ap.krakow.pl*

***Ecological Workgroup, Faculty of Animal Sciences, University of Kaposvár, H-7400 Kaposvár, Guba S. u. 40,
Hungary, e-mail: farkaskeatk@freemail.hu*

Abstract: The first records of *Mesoniscus graniger* (Frivaldszky, 1865) in Poland are presented. They slightly extend the known distribution range of the species up to the northernmost edge of the Carpathians.

Key words: *Mesoniscus graniger*, Oniscidea, cave isopod, first record, Poland



Distribution of *Mantis religiosa* (L.) and its changes in Poland*

Anna LIANA

Museum and Institute of Zoology, PAS, Wilcza 64, 00-679 Warszawa; e-mail: aliana@miiz.waw.pl

Abstract: *Mantis religiosa* has been a constant element of Polish fauna for a long time but its current expansion in Poland has only been observed for a few years. At first, population growth was recorded within an insular area in the central part of the Sandomierz Basin but the total Polish range of the species seemed to be unchanged. Next, the praying mantis was recorded in some adjacent regions where it was observed only sporadically in the 1950s (the Małopolska Upland, the Lublin Upland) and in a few distant ones where it had never been observed before (Beskid Niski Mts, Bieszczady Mts, Pogórze Karpackie [Carpathian Foothills], Polesie Lubelskie). A number of factors affect the spread of *M. religiosa* dispersion; the most important ones including climate warming during the past few decades, increase in area of fallow lands, and transport of various developmental stages, especially oothecae, by man.

Key words: *Mantis religiosa*, Poland, insular area, expansion, climate change, fallow lands

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Remarks on diversity and distribution of tiger beetles (Coleoptera: Cicindelidae) of Albania

Radomir JASKUŁA

*Department of Invertebrate Zoology & Hydrobiology, University of Łódź, Banacha 12/16, 90-237 Łódź, Poland;
e-mail: radekj@biol.uni.lodz.pl*

Abstract: Tiger beetle fauna of Albania is reviewed based on literature data and recently collected material. Eight species (nine subspecies) are recognized as occurring in this country. Two taxa: *Cicindela sylvatica sylvatica* Linnaeus, 1758, and *C. hybrida transversalis* Dejean, 1822, are excluded from the Albanian fauna. New records are given for five species. An updated checklist of Albanian Cicindelidae is also presented.

Key words: Balkan Peninsula, Albania, zoogeography, biodiversity, *Cicindela*, *Calomera*, *Cylindera*, *Myriochila*, new records



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Strikingly malformed host morphology: *Myrmica rugulosa* Nyl. and *Myrmica sabuleti* Mein. (Hymenoptera: Formicidae) parasitised by mermithid nematodes

Wojciech CZECHOWSKI, Wiesława CZECHOWSKA and Alexander RADCHENKO

Laboratory of Social and Myrmecophilous Insects, Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warsaw, Poland; e-mails: wcz@miuz.waw.pl, w.czechowska@miuz.waw.pl, agradchenko@hotmail.com

Abstract: Mermithid nematode infestation of *Myrmica rugulosa* Nyl. and *M. sabuleti* Mein. is reported, and parasitogenic morphological anomalies of these two ant species are described for the first time. Two infected *M. rugulosa* males and a female worker-like individual of *M. sabuleti* were found outside their nests in the Pieniny Mts (southern Poland). The latter individual was recognised belonging to the gynaecoid mermithergate parasitogenic category caused by the mermithid parasitism. Mermithogenic malformation of the infected *M. sabuleti* female is discussed in the context of its developmental origin. Emphasis is also placed on possible taxonomic difficulties in the determination of *Myrmica* Latr. specimens infected by the mermithids as well as the risk of erroneous descriptions of taxa based on such parasitogenic forms.

Key words: ants, *Myrmica rugulosa*, *Myrmica sabuleti*, parasites, Nematoda, Mermithidae, morphology, teratology



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Trophic structure of dipterous assemblages (Insecta: Diptera) in saline habitats of the Baltic coasts

Elżbieta KACZOROWSKA

*Department of Invertebrate Zoology, University of Gdańsk, Al. Marszałka Piłsudskiego 46, 81-378 Gdynia, Poland;
e-mail: saline@ocean.univ.gda.pl*

Abstract: Diptera of saline habitats of the Polish Baltic coast were sampled during a seven-year study (1999–2005). In 22 localities representing coastal brackish areas and cliffed and sandy beaches, more than 90 000 flies belonging to 56 families were collected. The most numerous were families whose larvae are omnivorous with a tendency to saprophagy.

Key words: Diptera, trophic group, saline habitats, Baltic coast, Poland.



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First records of Rhinophoridae (Insecta, Diptera) from North Korea

Agnieszka DRABER-MOŃKO

Museum and Institute of Zoology, PAS, Wilcza 64, 00-679 Warszawa; e-mail: draber@mii.z.waw.pl

Abstract: The dipteran family Rhinophoridae is recorded from North Korea for the first time. *Acompomintho lobata* Villeneuve, 1927 is recorded from the mountains: Chonma-San, Myohyang, Pyongyang, Taesong and from areas surrounding them. *Oplisa pollinosa* Kugler, 1978 is recorded from the Ryongack Mountains. Some notes on the distribution of *A. lobata* are given. Illustrations of *A. lobata* and *O. pollinosa* females are presented for the first time.

Key words: Diptera, Rhinophoridae, North Korea



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***Taeniothrips zurstrasseni* (Thysanoptera, Thripidae), a new thrips species found in Poland**

Irena ZAWIRSKA

*Institute of Plant Protection, PAS, Miczurina 20, 60-318 Poznań, Poland;
address for correspondence: Sewerynow 4 m 4b, 00-331 Warszawa*

Abstract: *Taeniothrips zurstrasseni*, a new species found in the damp environments of the northern Poland, is described and figured. Imagines and larvae were collected from flowers of various plants (most frequently from *Stachys palustris*) in summer, mainly in July and August.

Key words: Insecta, Thysanoptera, Thripidae, *Taeniothrips*, new species, north Poland