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Notes on the occurrence of *Gampsocoris* Fuss, 1852 (Hemiptera: Heteroptera: Berytidae) in Poland

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Abstract: In Poland the genus *Gampsocoris* Fuss, 1852 is represented by two species: *G. punctipes* (Germar, 1822) and *G. culicinus* Seidenstücker, 1948. The paper presents new localities of both species, including the second record of *G. culicinus* in Poland. Additional information on their biology is provided. A possible immigration route of *G. culicinus* into Polish territory is discussed.

Key words: hemipterans, *Gampsocoris punctipes*, *Gampsocoris culicinus*, new records, distribution, the Beskid Mountains



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New data on the occurrence of longhorn beetles (Coleoptera: Cerambycidae) in the Eastern Beskid Mountains (Poland)

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Abstract: New data on the occurrence of the 70 species of longhorn beetles from the area of the Eastern Beskid Mountains including the Low Beskids (56 species) are presented. The state of knowledge about Cerambycidae of the Eastern Beskid Mountains, Low Beskids, Western Beskid Mountains and Bieszczady Mountains is summarised. New localities of some rarely seen species as: *Pachyta quadrimaculata* (Linnaeus 1758), *Stenocorus meridianus* (Linnaeus, 1758), *Evodinus clathratus* (Fabricius, 1793), *Anoplodera rufipes* (Schaller, 1783), *A. sexguttata* (Fabricius, 1775), *Ropalopus macropus* (Germar, 1824), *Pogonocherus hispidus* (Linnaeus, 1758), *Phytoecia cylindrica* (Linnaeus 1758) and *Ph. nigricornis* (Fabricius 1782) are given. Four species, *P. quadrimaculata*, *Leptura annularis* Fabricius, 1801, *Pyrrhidium sanguineum* (Linnaeus, 1758) and *Pogonocherus fasciculatus* (DeGeer, 1775), are recorded for the first time from the area of the Low Beskids.

Key words: cerambycids, the Low Beskids, rare species, new localities, Carpathian fauna



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***Auplopus rectus* (Haupt, 1927) (Hymenoptera: Pompilidae) – a new spider wasp species to the fauna of Poland**

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Abstract: *Auplopus rectus* (Haupt, 1927) is newly recorded from Poland. It was found on sandy site near Smořdzino, on the border of Słowiński National Park — the most northerly known locality of this species. The distribution of *A. rectus* in Central Europe and potential spreading are discussed.

Key words: spider wasp, new record, distribution, Słowiński National Park



Noctuid moths (Lepidoptera: Noctuoidea: Nolidae, Erebidae, Noctuidae) of the Nowa Dęba Military Training Area in the Sandomierz Primeval Forest (south-eastern Poland)

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Abstract: The paper presents the results of faunistic research on noctuid moths (Lepidoptera, Noctuoidea: Nolidae, Erebidae, Noctuidae) occurring in the ecosystems of the Nowa Dęba Military Training Area in the Sandomierz Primeval Forest in the years 1999–2013. The study yielded 273 species, i.e. 55 % of the Polish Noctuoidea. Its results clearly indicate that the study area is of crucial importance to the conservation of noctuid biodiversity, not only in Poland, but also in Europe. This area is inhabited by a number of stenotopic species, considered to be rare and threatened with extinction in Poland as well as in central Europe as a whole, e.g.: *Idia calvaria*, *Meganola togatulis*, *Diachrysia zosimi*, *Syngrapha microgamma*, *Abrostola asclepiadis*, *Acronicta menyanthidis*, *Heliothis ononis*, *Hoplodrina respersa*, *Lithophane lamda*, *Xylomoia graminea*, *Hydraecia ultima*, *Diarsia florida*, *Lycophotia molothina*, *Paradiarsia punicea*, *Xestia castanea*, *Coenophila subrosea* and *Euxoa vitta*.

Key words: Noctuids, SE Poland, Sandomierz Basin, diversity, hygrophilous and psammophilous species, distribution



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An updated description of the montane *Gymnophora lapidicola* (Bezzi) (Diptera: Phoridae) that is flightless in both sexes

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Abstract: Fresh material of the inadequately described male of *Gymnophora lapidicola* (Bezzi, 1922), which is flightless in both sexes, has allowed illustration of critical details, including correction of an error in the description of the female by Ghidini (1934). The possibility that populations on different mountains may have diverged to form separate subspecies or sibling species is raised.

Key words: Diptera, Phoridae, *Gymnophora*, Italy



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State of knowledge of the tachinid fauna of Eastern Asia, with new data from North Korea. Part IV. Dexiinae

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Abstract: The present paper is a continuation of earlier papers concerning the Tachinidae collected in North Korea by six expeditions of researchers from the Institute of Zoology PAS, Warsaw, Poland. Thirteen species representing seven genera of the subfamily Dexiinae have been identified in the collected material. Nine species are reported for the first time in the fauna of Korea. One of these, *Dexia seticincta* Mesnil was previously known only from the original description. Two other species: *Dexia violovitshi* Kolomiets and *Dinera miranda* Mesnil were rarely registered. At present, 15 species of the Dexiinae are recorded from the Korean Peninsula

Key words: Diptera, Tachinidae, Dexiinae, new data, Korean Peninsula



Harvestmen (Arachnida: Opiliones) of open biotopes in the Poloniny National Park (north-eastern Slovakia)

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Abstract: Opiliofauna of open biotopes in the Poloniny National Park is presented. The biotopes include the variably utilized or successively overgrowing grasslands. During the period 2011–2013, we found 21 species of harvestmen which represent 60% of the Slovak opiliofauna. The highly eudominant species was *Phalangium opilio*. The open and sunny biotopes as meadows and pastures proved to be typical habitats for *P. opilio* and *Oligolophus tridens*. Other dominant species were: *Trogulus nepaeformis* and *Lacinius ephippiatus*. The Carpathian endemics: *Paranemastoma kochi* and *Ischyropsalis manicata* as well as thermophilic species *Egaenus convexus*, *Lacinius horridus* and *Zachaeus crista* were also found in the study sites.

Key words: opiliofauna, non-forest biotopes, meadows, Bukovské vrchy Mts



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The first record of *Clubiona saxatilis* C.L. Koch, 1867 (Araneae: Clubionidae) in Poland

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Abstract: *Clubiona saxatilis* C.L. Koch was observed in the Stołowe Mountains (south-western Poland). Its distribution in Europe is here discussed and the morphological features of the males of *C. saxatilis* C.L. Koch and *C. alpicola* Kulczyński are illustrated.

Key words: *Clubiona saxatilis*, Poland, spiders, first record, the Stołowe Mountains



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Herpetofauna of the opencast mines in Lower Silesia (Poland)

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Abstract: Herpetofauna of opencast mines is poorly known and no comprehensive research has been previously carried out in this field. On the example of Lower Silesia this study aims to investigate this fauna. Observations, conducted in 22 different opencast mines in the eastern, lowland part of Lower Silesia (SW Poland), resulted in identification of a total of 19 species (14 amphibian species and 5 reptile species). No differences in the species composition, taking into account the exploited minerals, were found but the herpetofauna differ slightly after dividing the opencast mines into sandpits and quarries. Some species were recorded exclusively either in sandpits or in quarries. We also found statistically significant differences in the composition of herpetofauna and separately amphibian species as taking into account the status of exploitation of opencast mines. One species occurred primarily in exploited mines and four only in abandoned ones. No statistical differences between the number of species in exploited, recently abandoned and long since abandoned opencast mines.

Key words: amphibians, quarries, sandpits, reptiles