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Description of *Laimydorus minutus* sp. n. (Nematoda: Dorylaimidae) from India with revised key to species

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Abstract: A new nematode species belonging to the family Dorylaimidae of the order Dorylaimida has been collected from rhizospheric soil of banana plantation from west Bengal, India. *Laimydorus minutus* sp. n. is described and illustrated. A key for females of species in the genera *Prodorylaimus* Andr assy 1959 and *Laimydorus* Siddiqi 1969 is also provided.

Key words: Nematoda, *Laimydorus minutus* sp. n., *Prodorylaimus*, species key, India



***Calluneyrodes callunae* (Ossiannilsson, 1947) (Hemiptera: Aleyrodidae)
– a whitefly new to the fauna of Poland with updated check list of Polish
Aleyrodidae**

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Abstract: *Calluneyrodes callunae* (Ossiannilsson, 1947) has been collected in Nowy Targ Dale on the heather moorland Baligówka near Czarny Dunajec. It is the first record of this little-known European species in Poland. A list to each Polish species record of Aleyrodidae is presented.

Key words: Hemiptera, Aleyrodidae, *Calluneyrodes callunae*, Poland, new record



Identification and distribution of sibling species of *Anopheles maculipennis* complex (Diptera: Culicidae) in north-eastern Poland¹

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Abstract: A previously established species-diagnostic PCR assay was used to determine the species composition and distribution of sibling species of the *Anopheles maculipennis* complex in north-eastern Poland, which was historically affected by malaria. Of all the 1120 mosquitoes of *An. maculipennis* complex (1002 adults and 118 larvae) identified by molecular means, all were either *An. messeae/daciae* or *An. maculipennis* s. s. with the former dominant in all collection localities. Their halophilic sister taxon *An. atroparvus*, previously collected along the Baltic Sea coast was not found. New records of *An. maculipennis* s. s. and *An. messeae* were located in 9 UTM squares respectively and these species were new for Tuchola Forests (Bory Tucholskie) and for the district of Iława Lakeland (Pojezierze Iławskie). *An. messeae* is a new species also for Masurian Lakeland (Pojezierze Mazurskie).

Key words: *Anopheles maculipennis* complex, sibling species, species-diagnostic PCR, Poland



Scuttle flies (Diptera, Phoridae) reared from tree rotholes in France, including three new species of *Megaselia* Rondani

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Abstract: 24 named species of scuttle fly were reared from rotholes in the trees *Fraxinus excelsior*, *Populus nigra*, *Salix alba*. 15 species are additions to the list for France, including the new species *M. deltofemoralis* Disney, *M. lavoursensis* Disney and *M. putescavi* Disney, which are described along with the hitherto unknown females of *M. hartfordensis* Disney and *M. subcarpalis* (Lundbeck). Three species are represented by females and can only be named when linked to their males.

Key words: Diptera, Phoridae, *Megaselia*, new species, Europe, rotholes in trees



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Distribution of a rare crane fly *Ctenophora ornata* Meigen, 1818 (Diptera, Tipulidae) in Poland

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Abstract: New localities of a rare crane fly *Ctenophora ornata* Meigen, 1818 (Diptera, Tipulidae) in Poland are presented. Recent records, especially from western and northern parts of Poland, show that the species is more widespread than previously known.

Key words: Diptera, Tipulidae, *Ctenophora ornata*, new records, Poland



Harvestmen (Arachnida, Opiliones) from Talysh, with description of a new genus and other taxonomical changes

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Abstract: From the Talysh region in Azerbaijan 14 species of harvestmen were recorded during the field investigations of the senior author. One genus and species were new for science and one new for the region. Two names have to be synonymized and one species transferred to other genus.

Key words: Opiliones, Talysh, Azerbaijan, *Lenkoraniella nigricoxa*, new species, new genus, new synonymy



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Ichthyofauna of selected water bodies and the Vistula River in Warsaw

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Abstract: The ichthyofauna of the Warsaw section of the Vistula River as well as selected water bodies in Warsaw was described. The information was collected from catches, analysis of stocking registers as well as interviews with anglers carried out between 1989 and 2002. The existence of 40 fish species was noted, including 33 species in the Vistula River. 3 to 11 species, belonging to eurytopic and stagnophilic ecological guilds, was registered in particular water bodies. The results indicate that diversified fish assemblages exist in Warsaw water bodies that are subject to high anthropogenic pressure, including rich fish assemblages in the Vistula River.

Key words: ichthyofauna, Warsaw, the Vistula River, selected water bodies



Distribution of pygmy field mouse *Apodemus uralensis* (Pallas, 1811) population in Poland: review of the studies and new data

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Abstract: Northern and western border of pygmy field mouse *Apodemus uralensis* population area passes through southern Poland. First sites of the species have been discovered in the '50 of the 20th century. Since then, a total of 79 sites has been found. Latest research revise data concerning the occurrence borders of pygmy field mouse. Three out of four newly found stations are located in the western part of the country, north-west from the hitherto known sites of the species.

Key words: *Apodemus uralensis*, localities, distribution, Poland



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Common hamster *Cricetus cricetus* (L., 1758) in the Silesian Voivodeship, South Poland

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Distribution of the raccoon dog *Nyctereutes procyonoides* in western Poland

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Abstract: The raccoon dog *Nyctereutes procyonoides* (Gray, 1839) is an introduced canine species, currently widely distributed in Europe. The raccoon dog is a relatively new alien predator in Polish fauna and can be considered a threat to the native species. However, little is known about its distribution or habitat selection in western Poland. Until the 1970s, only 20 single records of raccoon dogs in the western and south-western parts of Poland had been noted. New data on the numbers of raccoon dogs, its distribution and habitat preferences in the western Poland have been collected using questionnaires. 289 new localities have been reported. Raccoon dogs have been observed mostly in five types of habitats: forests, arable fields, banks of water bodies, roads and human settlements, wet meadows and marshes.

Key words: raccoon dog, alien species, habitat selection, distribution, western Poland