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MISCODERA ARCTICA (PAYKULL, 1798) (COLEOPTERA, CARABIDAE) – NEW GENUS AND NEW SPECIES FOR UKRAINIAN FAUNA

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Miscodera arctica (Paykull, 1798) (Coleoptera, Carabidae) – новий рід і новий вид для фауни України. – В.Б. Різун. – Наведені дані про знахідку (28.04-14.06.2006 р.) нового роду і виду *Miscodera arctica* (Payk.) для фауни України в регіональному ландшафтному парку "Прип'ять-Стохід" біля с. Сваловичі, Любешівського р-ну, Волинської обл.

Ключові слова: *Miscodera arctica*, Carabidae, фауна, Україна

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According to (Kryzhanovskij et al., 1995) species belongs to subfamily Carabinae, tribe Broscini. It is widely distributed in northern part of Europe, Siberia and Northern America; in middle Europe it is known from Germany, Poland, isolated sites in the Swiss both Tyrolean Alpes and Moravia (Якобсон, 1905; Łomnicki, 1913; Roubal, 1930; Csiki, 1946; Burakowski et al., 1973; Hürka, 1996; Кириченко, Бабко, 2004 (2005)).

In Czech Republic found in 1984 in an isolated enclave in South Moravia (Bzenec) in very dry lowland sands in pine-wood (Hürka, 1996). The species has not been recorded earlier from Ukraine.

During investigations (from 28.04 to 14.09.2006) of ground-beetles by pitfall trapping (diameter 72 mm, fixing agent 4% solution of formalin) in Liubiaz' forest area: quarter 33, section 2 (1,6 ha) regional landscape park (RLP) "Prypiyat'-Stokhid" (since 2007 the national natural park) (Ukraine, Volynska region, Liubeshiv district) a single specimen of *Miscodera arctica* (Payk.) (fig. 1) was collected in a 100-year dry pine forest with lichens on a ground surface (type of forest – dry pine forest (A1C), species composition of stand – 100% Scots pine, stocking degree – 0,4) on the left bank of the Prypiat' river (fig. 2: the site is marked with an arrow).



Fig.1 *Miscodera arctica* (Payk.)



Fig. 2. Site of a find *Miscodera arctica* (Payk.) in the RLP "Prypiyat'-Stokhid"

The beetle was caught in a period between 28.04 and 14.06. The proof specimen is preserved in the collection of State Museum of Natural History, National Academy of Sciences of Ukraine, L'viv (entomological collection, case – 1168, box – 768, inventory number – 2.19.01.108.01/3).

The carabid-beetle community studied, was characterized by the lowest catchability (0,04 specimen/pitfall trap day) during the period of investigation. The predominant species in the community by the indices of catchability were: *Syntomus truncatellus* (L.), *Brosicus cephalotes* (L.),

Harpalus flavescens (Pill. et Mitt.), *Pterostichus strenuus* (Panz.), *Calathus erratus* (C.R. Sahlb.), *Oodes helopioides* (F.). The presence of meso-hygrophilous *Pterostichus strenuus* (Panz.) and hygrophilous *Oodes helopioides* (F.) is caused by immediate proximity to riverain biotopes of the Prypiyat' river.

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