



FIRST RECORDS OF *Oreodytes septentrionalis* (Gyllenhal, 1826) (Coleoptera, Dytiscidae) FROM MONTENEGRO

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SYNOPSIS

In this paper the first record of diving beetle species *Oreodytes septentrionalis* (Gyllenhal, 1826) (Coleoptera, Dytiscidae) from Montenegro is reported.

INTRODUCTION

Holarctic genus *Oreodytes* Seidlitz, 1887 comprises 25 species, but only 5 species occur in Europe (Nilsson & Holman, 1995), and the Palaearctic fauna includes 4 Asian species, also (Nilsson & Holman, 1995). At present, two species of the genus *Oreodytes*: *O. davisii* (Curtis, 1831) and *O. sanmarkii* (C. R. Sahlberg, 1834) are known from Montenegro (Georgiev, 1971; Pešić & Pavićević, 2005; Pešić, 2008). *Oreodytes* species are relatively common inhabitants of cold, mountain streams and rivers where they inhabit areas along the shoreline (Georgiev, 1987; Nilsson & Holman, 1995).

In the paper *Oreodytes septentrionalis* (Gyllenhal, 1826) is reported for the first time for Montenegro.

MATERIAL AND METHOD

Specimens were collected from water area, with a sieve and net. The beetles were preserved in 70% ethil-alcohol. Aedeagophore was dissected under the stereomicroscope and left in 10% KOH solution for about 1–2 hours. The illustrations of genitalia and some taxonomic characters were prepared using a microscope. The morphological terminology is largely in accordance with Nilsson & Holman (1995). Materials have been deposited in the University of Montenegro, Department of Biology, Podgorica.

SYSTEMATICS

Oreodytes septentrionalis (Gyllenhal, 1826)

(Fig. 1)

MATERIAL EXAMINED: Montenegro: Kolašin, Tara River, 20 June 2008., leg. Pavićević; Gusinje, Grnčar River, 30 May 2009, leg. Pavićević.

DESCRIPTION: Body elongate-oval; length 3,0-3,6 mm. Head yellow or light brown, piceous black basally and on 2 interocular spot. Pronotum with 4 black to piceous maculae on disc; 2 anterior maculae smaller than posterior ones. Elytron yellowish, with suture and 8 piceous to black vittae. Vittae 5-8 short; vittae 1-2 and 6-7 more or less confluent. Elytral linear puncture series not obvious. Ventral surface black. Epipleuron not visible to base in lateral view. Metasternal wing narrow with coarse punctures along posterior margin. Metacoxa with coarse puncturation and not deeply impressed sublaterally. Metatrochanter with sparse puncturation and short setae ventrally. Ventral puncturation of metatibia restricted to a regular row. Male has pro- and mesotarsomeres 1-3 only weakly dilated. Protarsal claws almost equal in length. In female elytron without a subapical expansion. Penis of medium length; evenly tapered to apex. Paramere as in Fig. 1.

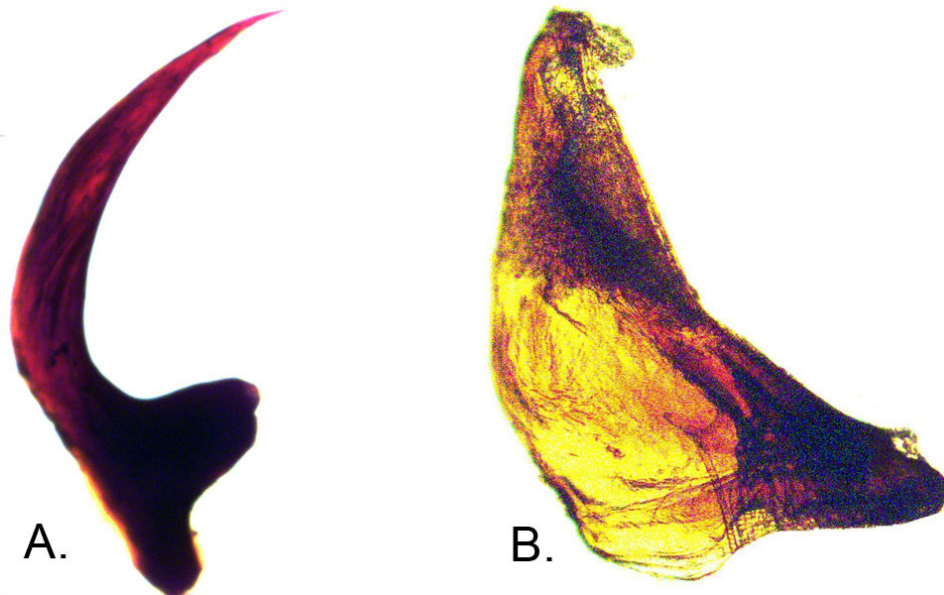


Figure 1. *Oreodytes septentrionalis* (Gyllenhal, 1826): a) aedeagus; b) paramere.

DISTRIBUTION: Austria, Czech Republic, Finland, France, Great Britain, Germany, Ireland, Italy, Mongolia, Norway, Poland, Portugal, Russia, Slovenia, Spain, Sweden, Switzerland (Nilsson, 2007).

REMARKS: New for fauna of Montenegro.

BIOLOGY: The specimens occur in running water, confined to hard bottom in larger streams and rivers. It is also often abundant in small sandy or gravelly pools adjacent to running water. The larva was described by Nilsson (1987). The life cycle appears to be with overwintering adults and summer larvae.

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