

**NEW RECORDS OF WATER BEETLE SPECIES
OF THE FAMILY HYDROPHILIDAE (COLEOPTERA)
FROM MONTENEGRO (SE EUROPE)**

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ABSTRACT: New records of water beetle species of the family Hydrophilidae (Coleoptera) from Montenegro (SE Europe) are given. Ten species are identified, four of which: *Berosus luridus* (Linnaeus, 1761), *Helochaeres lividus* (Forster, 1771), *Enochrus testaceus* (Fabricius, 1801), and *Enochrus coarctatus* (Gredler, 1863) are new for the fauna of Montenegro.

KEY WORDS: Water beetles, Hydrophilidae, Montenegro, new records

INTRODUCTION

The family Hydrophilidae is a large one, represented in all parts of the world and consisting of numerous genera and about 2200 known species (HANSEN, 1987). The water beetle fauna of Montenegro is still poorly known (GEORGIEV, 1971). In the present paper, 10 water beetle species of the family Hydrophilidae are reported, four of which are new for the fauna of Montenegro. Twenty species of the Hydrophilidae belonging to seven tribes were known from Montenegro. Of these, three belong to the tribe Laccobiini Bertrand, 1967; two to Berosini Mulsant, 1844; two to Anacaenini Hansen, 1991; one to Coleostomatini Hansen, 1991; five to Megasternini Hansen, 1991; one to Sphaeridiini Latreille, 1802; and six to Hydrophilini Latreille, 1802.

MATERIAL AND METHODS

Water beetles were collected by hand netting, sorted on the spot from the living material, and conserved in 70% ethylalcohol. The complete material is labelled and available in the zoological collection of the Department of Biology, University of Montenegro, Podgorica.

All specimens have been deposited in the indicated collection. In the list of the species, we give the locality, the date of sampling, the total number of individuals, and the names of collectors. The names of collectors are given by abbreviations: VMP – Vladimir M. Pešić, AP – Ana Pavićević, BG – Bogić Gligorović, DBP – Department of Biology – Podgorica. The tribes are listed according to phylogenetic order. The taxa new for Montenegro are marked with one asterisk.

RESULTS

Family Hydrophilidae Latreille, 1802

Subfamily Hydrophilinae Latreille, 1802

Tribe: Laccobiini Bertrand, 1967

Lacobius striatulus (Fabricius, 1792)

Material examined: Podgorica, Komani, spring „Crno Oko“ near village of Bandići (ca. 42°25' E 19°12' N): 28.08.2004, one specimen, VMP.

Lacobius obscuratus Rottenberg, 1874

Material examined: Podgorica reg., Piperi, spring «Studenac» in village of Gornji Crnci (ca. 42°7' E 19°14' N): 05.09.2004, two specimens, BG.

Tribe: Berosini Mulsant, 1844

Berosus affinis Brullé, 1835

Material examined: Markov Do near Cetinje, Markova Bara, a spring-fed drinking basin for cattle (ca. 42°25' E 19°N): 05.05.2004, two specimens, AP.

* *Berosus luridus* (Linnaeus, 1761)

Material examined: Podgorica, Tološi, Mareza, pool (ca. 42°27' E 19°15' N): 21.08. 2004, 20, VMP; Podgorica, Tološi, spring Mareza: 21.08.2004, 12 specimens, VMP.

Tribe: Anacaenini Hansen, 1991

Anacaena limbata (Fabricius, 1792)

Material examined: Podgorica, Tološi, Mareza, spring (ca. 42°27' E 19°15' N): 21.08.2004, three specimens, VMP.

Tribe: Hydrophilini Latreille, 1802

Subtribe: Acidocerina Hansen, 1991

* *Helochares lividus* (Forster, 1771)

Material examined: Bar, Kiselice near Stari Bar, a spring-fed drinking basin for cattle (ca. 42°7'E 19°6'N): 28.05.2004, one specimen, AP.

* *Enochrus testaceus* (Fabricius, 1801)

Material examined: Podgorica, Tološi, spring Mareza (ca. 42°27'E 19°15'N): 21.08. 2004, one, VMP; Markov Do near Cetinje, Markova Bara, a spring-fed drinking basin for cattle (ca. 42°25'E 19°N): 18.04.2004., six specimens, AP.

* *Enochrus coarctatus* (Gredler, 1863)

Material examined: Lake Skadar area, the Crnojevića River near village of Rijeka Crnojevića (ca. 42°22'E 19°3'N): 05.09.2004, two specimens, AP.

Subtribe: Hydrophilina Mulsant, 1856

Hydrochara caraboides (Linnaeus, 1758)

Material examined: Podgorica, Komani, spring „Crno Oko“ near village of Bandići (ca. 42°25'E 19°12'N): 28.08.2004, four specimens, VMP; Podgorica, Tološi, spring Mareza (ca. 42°27'E 19°15'N): 21.08. 2004, one specimen, VMP.

Hydrophilus piceus (Linnaeus, 1758)

Material examined: Podgorica, Komani, spring „Crno Oko“ near village of Bandići (ca. 42°25'E 19°12'N): 28.08.2004, four specimens, VMP; Podgorica, Tološi, spring Mareza (ca. 42°27'E 19°15'N): 21.08. 2004, one, VMP; Podgorica: 28.05.2001, one, DBP; Sutomore: 05.2002, one specimen, DBP.

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НОВИ НАЛАЗИ ПРЕДСТАВНИКА ФАМИЛИЈЕ HYDROPHILIDAE (COLEOPTERA) ИЗ ЦРНЕ ГОРЕ (ЈУГОИСТОЧНА ЕВРОПА)

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У раду су дати нови налази врста фамилије Hydrophilidae (Coleoptera) из Црне Горе. Десет врста је идентификовано, од чега су 4 врсте: *Berosus luridus* (Linnaeus, 1761), *Helochares lividus* (Forster, 1771), *Enochrus testaceus* (Fabricius, 1801), и *Enochrus coarctatus* (Gredler, 1863) нове за фауну Црне Горе.

Фауна Hydrophilidae Црне Горе сада броји двадест врста из седам трибуса. Од тога, 3 врсте припадају трибусу Laccobiini Bertrand, 1967; 2 - Berosini Mulsant, 1844; 2 - Anacaenini Hansen, 1991; 1 - Coleostomatini Hansen, 1991; 5 - Megasternini Hansen, 1991; 1 - Sphaeridiini Latreille, 1802, 6 - Hydrophilini Latreille, 1802.

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