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Freshwater Decapoda (Crustacea: Malacostraca) in Sarnena Sredna Gora Mountains (Bulgaria)

DIMITAR BECHEV

University of Plovdiv "P. Hilendarski", Department of Zoology, 24 Tzar Assen Str., BG-4000 Plovdiv, Bulgaria, dbechev@abv.bg

Abstract. Literature data for the presence of *Astacus astacus*, *Astacus leptodactylus* and *Austropotamobius torrentium* in Sarnena Sredna Gora are summarized.

Key words: Decapoda, Astacidae, Sarnena Sredna Gora.

Introduction

There are three native species of crayfish, *Astacus astacus* (Linnaeus,1758), *Astacus leptodactylus* (Eschscholtz, 1823), *Austropotamobius torrentium* (Schrank, 1803) and one species of freshwater crab, *Potamon ibericum* (Bieberstein, 1809) known in Bulgaria. Also, two alien freshwater decapod species are found: *Orconectes limosus* (Rafinesque, 1817) (Decapoda: Cambaridae) and *Eriocheir sinensis* H. Milne-Edwards, 1853 (Decapoda: Varunidae). The data for the distribution of these species are summarized in Bechev & Kazndzhieva (2018).

Material and Methods

The presented data are on the base of literature sources only and cover the territory of Sarnena Sredna Gora and the Tundzha River from the north.

Results

FAUNISTIC LIST

Astacus astacus (Linnaeus,1758)

Tundzha River near the town of Pavel Banya (Janeva & Russev 1985).

Astacus leptodactylus (Eschscholtz, 1823)

Small dam, Starozagorski Bani Village (Georgiev 2004, 2006); Small dam, Kolena Village (Georgiev 2004, 2006); small dam on Tundzha River under Koprinka Dam (Trichkova *et al.* 2013); Small dam (Zagorka), Stara Zagora (Bechev & Kazndzhieva 2018); Koprinka Dam (Bechev & Kazndzhieva 2018).

***Austropotamobius torrentium* (Schrank, 1803)**

Koprinka Dam by the town of Kazanlak (Subchev & Stanimirova 1998; Trichkova *et al.* 2013); Mrachenik River (Hubenova *et al.* 2010).

***Potamon ibericum* (Bieberstein, 1809)**

Sarnena Sredna Gora Mountain - artificial lake in a park, (Starozagorski Bani Resort, UTM: LH70) (Georgiev 2006).

Note: This locality has been omitted in Bechev & Kazndzhieva (2018).

Discussion

All four native freshwater decapod species known from Bulgaria are occurring in the region of Sarnena Stedna Gora.

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