

A contribution to the knowledge of the malacofauna of the Bulgarian part of the Falakro Mts

DILIAN GEORGIEV

University of Plovdiv, Faculty of Biology, Department of Ecology and Environmental Conservation, 24 Tzar Assen Str., BG-4000 Plovdiv, Bulgaria, e-mail: diliangeorgiev@abv.bg

Abstract. A total of 44 mollusc species was recorded during a one day study of the area. The main part of the material came from river deposits of the Matnitsa River near the village of Petrelik.

Key words: Mollusca, distribution, faunistics.

Introduction

The Falakro Mts (Mramoritsa – Bulgarian, Bozdag – Turkish) are a mountain ridge situated mainly in the northern part of Greece, whose northern mountain slopes reach into Bulgaria as a little, hilly area. These mountains are not well studied considering their malacofauna. Some species from the Greek part were published by Reischütz (1988), Riedel, (1992), Wiktor (2001) and Georgiev (2016).

No information on molluscs is available from the Bulgarian part of these mountains. Here I present results from a case, one day study from this area.

Material and Methods

All samples were collected on 9.5.2020 around one spot: near the village of Petrelik, close to Matnitsa River (41° 29' 24.7" N, 23° 51' 27.5" E; 487 m a.s.l.). Most shells were collected from the fine floating deposits of the river on its bank. Some species were found living along or in the same stream.

Results and Discussion

A total of 44 mollusc species was recorded (Table 1). This fact and the very short study period (one day) indicate a rich malacofauna in the area of the catchment of Matnitsa River. Further detailed research is recommended.

References

- Georgiev, D. (2016) *Vitrea neglecta* Damjanov et L. Pintér 1969 – genital anatomy of a specimen from Greece. *ZooNotes*, 95: 1-2.
- Reischütz, P. L. (1988) Beiträge zur Molluskenfauna Thrakiens und Ostmakedoniens, II. *Annalen des Naturhistorischen Museums in Wien*, 90B: 341-356.
- Riedel, A. (1992) *The Zonitidae (sensu lato) (Gastropoda, Pulmonata) of Greece*. Faunae Graeciae 5, Natural History Museum of Crete, University of Crete, Irakleio, 194 pp.
- Wiktor A. (2001) *Fauna Graeciae VIII: The slugs of Greece (Arionidae, Milacidae, Limacidae, Agriolimacidae - Gastropoda, Stylommatophora)*. Natural History Museum of Crete, University of Crete, Irakleio, 241 pp.

Table 1. Mollusc species found in the area of Matnitsa River, Petrelik village area, Falakro Mts.

Species	Locality
Terrestrial	
<i>Acanthinula aculeata</i> (O. F. Müller, 1774)	river deposits
<i>Aegopinella minor</i> (Stabile, 1864)	river deposits
<i>Bulgarica (Bulgarica) denticulata thessalonica</i> (Rossmässler, 1839)	river deposits
<i>Carychium minimum</i> O. F. Müller, 1774	river deposits
<i>Carychium tridentatum</i> (Risso, 1826)	river deposits
<i>Cattania haberhaueri</i> (Sturany, 1897)	river deposits
<i>Caucasotachea vindobonensis</i> (C. Pfeiffer, 1828)	river deposits
<i>Cecilioides jani</i> (De Betta et Martinati, 1855)	river deposits
<i>Chondrula (Chondrula) microtragus</i> (Rossmässler, 1839)	river deposits
<i>Cochlicopa lubrica</i> (O. F. Müller, 1774)	river deposits
<i>Cochlicopa lubricella</i> (Porro, 1838)	river deposits
<i>Daudebardia (Daudebardia) rufa</i> (Draparnaud, 1805)	river deposits
<i>Deroceras (Agriolimax) turcicum</i> (Simroth, 1894)	under stones
<i>Deroceras (Deroceras) sturanyi</i> (Simroth, 1894)	under stones
<i>Euconulus fulvus</i> (O. F. Müller, 1774)	river deposits
<i>Helix (Helix) lucorum</i> Linnaeus, 1758	among grass
<i>Laciniaria plicata</i> (Draparnaud, 1801)	river deposits
<i>Mediterranea hydatina</i> (Rossmässler, 1838)	river deposits
<i>Merdigera obscura</i> (O. F. Müller, 1774)	river deposits
<i>Monacha (Monacha) cartusiana</i> (O. F. Müller, 1774) - complex	among grass
<i>Monacha (Monacha) oshanovae</i> I. Pintér et L. Pintér, 1970	river deposits
<i>Oxychilus (Morfina) glaber striarius</i> (Westerlund, 1881)	river deposits
<i>Punctum pygmaeum</i> (Draparnaud, 1801)	river deposits
<i>Succinella oblonga</i> (Draparnaud, 1801)	river deposits
<i>Tandonia kusceri</i> (H. Wagner, 1931)	under stones
<i>Truncatellina claustralis</i> (Gredler, 1856)	river deposits
<i>Truncatellina cylindrica</i> (A. Férussac, 1807)	river deposits
<i>Vallonia costata</i> (O. F. Müller, 1774)	river deposits
<i>Vallonia pulchella</i> (O. F. Müller, 1774)	river deposits
<i>Vertigo (Vertigo) antivertigo</i> (Draparnaud, 1801)	river deposits
<i>Vertigo (Vertigo) moulinsiana</i> (Dupuy, 1849)	river deposits
<i>Vertigo (Vertigo) pygmaea</i> (Draparnaud, 1801)	river deposits
<i>Vertigo (Vertigo) substriata</i> (Jeffreys, 1830)	river deposits
<i>Vertigo (Vertilla) angustior</i> (Jeffreys, 1830)	river deposits
<i>Vitrea contracta</i> (Westerlund, 1871)	river deposits
<i>Vitrea neglecta</i> Damjanov et L. Pintér 1969	river deposits
<i>Xerolenta obvia</i> (Menke, 1828)	among grass
<i>Zonitoides nitidus</i> (O. F. Müller, 1774)	river deposits
Freshwater	
<i>Gyraulus albus</i> (O. F. Müller, 1774)	river deposits
<i>Galba truncatula</i> (O. F. Müller, 1774)	river deposits
<i>Pisidium personatum</i> Malm, 1855	river deposits
<i>Pisidium pseudosphaerium</i> Schlessch, 1947	river deposits
<i>Planorbis planorbis</i> (Linnaeus, 1758)	river deposits
<i>Radix labiata</i> (Rossmässler, 1835)	in the river