

## ***Vitrea neglecta* Damjanov et L. Pintér 1969 – genital anatomy of a specimen from Greece**

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**Abstract.** Two live specimens and few shells of the Pristilomatid snail *Vitrea neglecta* Damjanov et L. Pintér 1969 were collected at the entrance of the Angitis Springs cave, foothills of Falakro Mts., North Greece. Genital anatomy of one dissected specimen from this population confirms the presence of this species in Greece.

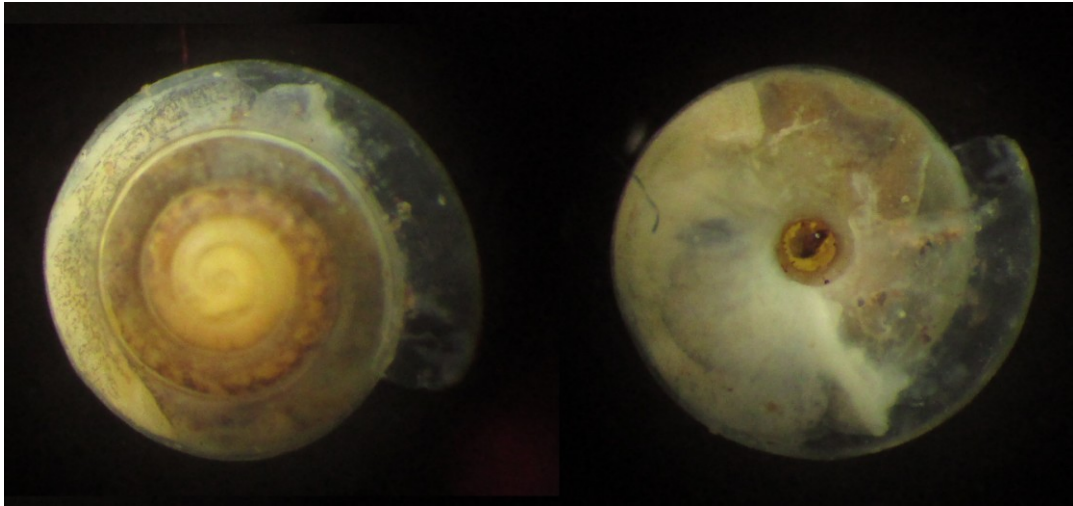
**Key words:** Pristilomatidae, Balkans, distribution.

The species *Vitrea neglecta* Damjanov et L. Pintér 1969 (Gastropoda: Pristilomatidae) was recorded in several localities in Greece (Riedel, 1992; Welter-Schultes, 2012). The genital anatomy of this species in Greece was never studied and all records were based on shell morphology determinations. According to Riedel (1992) the genitalia and especially the structure of the sarcobellum is of taxonomical importance for sure species identification.

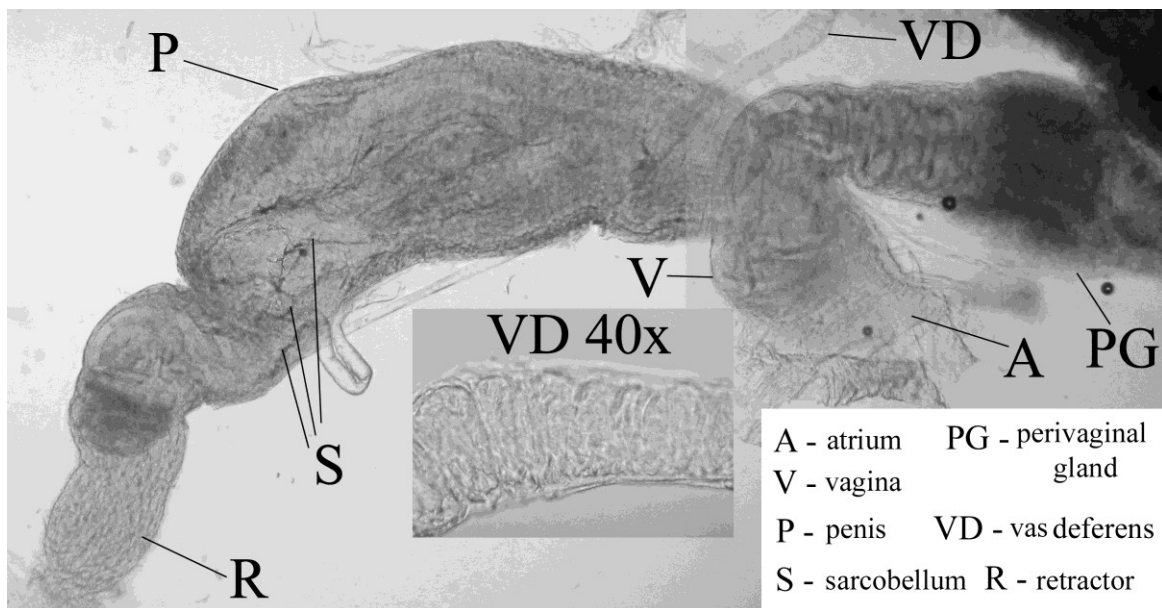
On 07.05.2016 at the entrance of the Angitis Springs cave (N41 13 15.9 E23 53 34.4, 129 m a.s.l., Falakro Mts., N Greece) two live specimens of *Vitrea* cf *neglecta* were collected (Fig. 1). One was after dissected in the laboratory and the structure of the genitalia perfectly fitted with this one described for this species from its type locality in Bulgaria by Irikov (2001) (Fig. 2).

Associated molluscs at the locality and the surrounded area: *Alinda biplicata* (Montagu, 1803), *Helix philibinensis* Rossmässler, 1839, *Lindholmiola spectabilis* Urbański, 1960, *Macedonica ypsilon* Nordsieck, 1977, *Oxychilus glaber* (Rossmässler, 1838), *Pomatias elegans* (O. F. Müller, 1774), *Xerolenta obvia* (Menke, 1828).

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**Fig. 1.** Shell and soft body of the studied specimen of *Vitrea neglecta* from the area of Angitis Springs (Falakro Mts., N Greece). The patches of black-grey pigmentation on the mantle are visible.



**Fig. 2.** Light microscope photograph (20x) of a part of the genital system of the studied specimen of *Vitrea neglecta* from the area of Angitis Springs (Falakro Mts., N Greece) with close view of the internal structure of vas deferens at the area of its thickening (photographed in glycerin).

### References

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