

Description of the larva and female genitalia of *Trechus gamae* with data on its ecology

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Abstract

The third instar larva and the female genitalia of *Trechus gamae* Reboleira et Serrano (Coleoptera Carabidae Trechini) are described, illustrated and commented. Larvae and imagos were collected in deep parts of caves from Estremenho karstic massif in the centre Portugal. The work provides the first study on hypogean beetle larvae from Portugal, increasing the knowledge about hypogean microendemic species from the Lusitanic district of the Iberian Peninsula. The morphological diagnostic characters of the female genitalia corroborate the inclusion of *T. gamae* in the "*T. fulvus*-group". Some new data on the ecology of this species are also given.

Key words: Trechini, larval morphology, pre-imaginal stages, troglobiont, Estremenho karstic massif, Portugal, Iberian Peninsula.

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