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## A new *Deronectes* from Portugal (Coleoptera, Dytiscidae)

by M. Brancucci\*

Abstract: *Deronectes costipennis* n. sp. is described from Portugal. Its taxonomic position is discussed and figures of its habitus and aedeagus are provided.

In a small collection from Spain and Portugal in the Zoological Museum of Lausanne, I found the new *Deronectes* described here. This species belong to the group in which the pronotum is non-cordiform (WEWALKA, 1970, 1971) and is close to *D. platynotus* Germ. The elytral costae are reminiscent of those of *D. bicostatus* Schaum.

### ***Deronectes costipennis* n. sp.**

Figs 1–3.

Body short, rather parallel, black. One costa on each elytra. Head black, distinctly microreticulate, the meshes impressed so that the surface is matt and covered with puncturation which is particularly coarse and dense on the frons. Clypeal grooves distinct. Antennae testaceous.

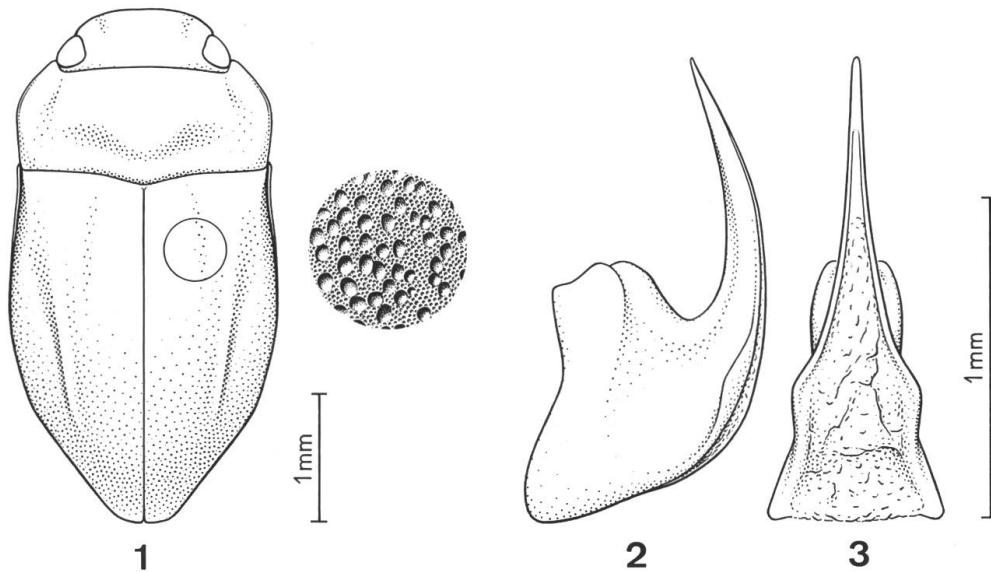
Pronotum black, very broad, with a very distinct longitudinal sub-lateral groove on each side. Surface sculpture composed of small rounded meshes, with double puncturation. The small punctures are dense, particularly at the sides, the bigger ones very coarse in the grooves and at the posterior border, less coarse and forming rows at the anterior border and on the disc, punctures separated by their own diameter.

Elytra black, parallel-sided, with one well-marked costa on each elytron (Fig. 1). Entire surface with double puncturation. The smaller punctures very dense over the whole elytral surface, the bigger ones very large, larger than those of the pronotum, dense and well-marked interior to the costae, smaller and obsolete externally.

Underside black, matt, very densely and regularly punctured. Some bigger punctures are visible at the base of the metasternum. Prosternal process short and broad, with transverse wrinkles in the anterior half and carinate in the posterior half. Metacoxal lines slightly diverging. Last visible sternite rounded. Legs reddish-brown.

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Figs 1–3: *Deronectes costipennis* n. sp.: 1, Habitus, 2, Aedeagus, lateral view. 3, Aedeagus, dorsal view.

Genitalia: Aedeagus narrowed near the base, very long and pointed in dorsal view, very broad at base in lateral view (Figs 2, 3). Parameres elongate, triangular.

Total length: 4 mm; width: 2.2 mm.

Type: Holotype ♂ (Musée Zoologique de Lausanne). Locality: Portugal, Sierra de Estrella, Penhas Douradas, 1600–1700 m, rivière de montagne, VI. 1959, J. Aubert.

This species is closely related to *D. platynotus* Germ. It is, however, easily distinguishable by the more distinct sublateral grooves on the pronotum, by the costae of the elytra and by the parameres which are elongated. It differs from *D. bicostatus* Schaum from Spain and Portugal by the smaller size and by the puncturation of the upper surface which is less coarse, and also by the aedeagus which is narrowed near the base (gradually tapering in *D. bicostatus* Schaum).

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