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## Subgeneric type designations in the genus *Dendarus* Latreille (Coleoptera: Tenebrionidae)

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Type species are designated for the subgenera *Dichromma* Seidlitz, *Pandarinus* Mulsant & Rey, *Paroderus* Mulsant & Rey, and *Rhizalemus* Reitter. *Pandarus* Mulsant & Rey, 1854 is unavailable because of homonymy with *Pandarus* Leach, 1816 and all species currently in *Pandarus* are placed in *Dendarus* s. str.

Key-words: Coleoptera, Tenebrionidae, *Dendarus*, nomenclature, Mediterranean

### INTRODUCTION

The genus *Dendarus* has a Mediterranean distribution and it includes approximately 75 species. Although many species of *Dendarus* are narrow endemics and are interesting for phylogeny and biogeographical analyses, the genus received little attention since the works of Koch (1944, 1948) and Español (1961). Recently Soldati & Soldati (2000) and Chatzimanolis et al. (2002) described new species, and Chatzimanolis et al. (2003) produced a phylogeny and discussed the relationships for the Aegean taxa. In this paper we designate type species for several subgenera, and place species currently in the subgenus *Pandarus* in *Dendarus* s. str.

### TAXONOMY

#### Genus *Dendarus* Latreille, 1829

*Diagnosis.* The genus *Dendarus* can be diagnosed by the combination of the following characteristics (Fig. 1): the anterior shape of clypeus; dorsal and ventral portions of the compound eyes are connected by a single line of facets (although in *D. mylonasi* Chatzimanolis, Engel & Trichas they are completely separated by integument); and the very prominent anterio-lateral and postero-lateral angles of pronotum.

#### Subgeneric names employed in *Dendarus*

Subgenus *Dendarus* Latreille

*Dendarus* Dejean, 1821: 65. *Nomen nudum*.

*Dendarus* Latreille, 1829: 20. Type species *Dendarus tristis* Laporte, 1840, fixed by subsequent designation by Seidlitz, 1893.

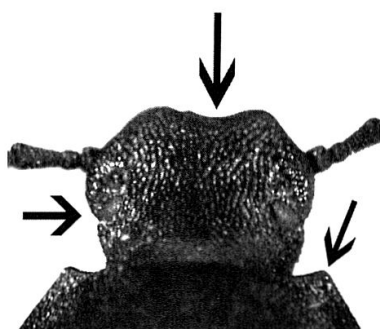


Fig. 1. The diagnostic features of *Dendarus*, each showing with an arrow. For details see text.

Subgenus *Pandarinus* Mulsant & Rey

*Pandarinus* Mulsant & Rey, 1854: 247. Type species *Pandarinus tenellus* Mulsant & Rey, 1854: 250, **here designated**. Designation of *Pedinus dalmatinus* Germar, 1824, as type species is invalid, since the species was not originally included in *Pandarinus*.

Subgenus *Paroderus* Mulsant & Rey

*Paroderus* Mulsant & Rey, 1854: 255. Type species *Dendarus elongatus* Mulsant & Rey, 1854: 255, **here designated**.

Subgenus *Rizalus* Mulsant & Rey

*Rizalus* Mulsant & Rey, 1854: 248. Type species *Opatrum piceus* Olivier, 1811: 501, fixed by monotypy.

Subgenus *Dichromma* Seidlitz

*Dichromma* Seidlitz, 1893: 388. Type species *Pandarinus lugens* Mulsant & Rey, 1854: 221, **here designated**.

Subgenus *Dendaroscelis* Reitter

*Dendaroscelis* Reitter, 1904: 79. Type species *Dendarus serripes* Reitter, 1904, fixed by monotypy.

Subgenus *Rhizalemus* Reitter

*Rhizalemus* Reiter, 1904: 79. Type species: *Dendarus reitteri* Seidlitz, 1893: 398, **here designated**.

Subgenus *Pandarus* Mulsant & Rey, **unavailable**

*Pandarus* Mulsant & Rey 1854: 194 was erected as a genus for 18 species, including *Pandarus coarcticollis* Mulsant & Rey 1854 from Lyon, France. Mulsant, 1854: 141 redescribed *Pandarus* and *P. coarcticollis*, and stated that it is the same as Dejean's unavailable *tristis* and Blanchard's *Pedinus tristis*, but not the same as *Helops tristis* Rossi. Mulsant 1854: 142 used the name *P. coarcticollis* as if it would be the only valid member of the genus and by this he designated it implicitly as the type species of *Pandarus*. The name *Pandarus*

Mulsant & Rey, 1854 is preoccupied by *Pandarus* Leach, 1816 (Crustacea: Copepoda). *Pandarus* Mulsant & Rey cannot be replaced because *Pandarus coarcticollis* Mulsant & Rey is currently a synonym of the type species of *Dendarus*, *D. tristis* Laporte, 1840. As only one species of *Dendarus* is known to occur in continental France (Soldati F. & Soldati L., 1998: 144), this synonymy is accepted although some characters given by Mulsant, 1854 for *P. coarcticollis* do not fit *D. tristis* Laporte. All species currently in *Pandarus* are placed in the subgenus *Dendarus*.

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