

## ***Iberorhizobius* Raimundo & Canepari gen. nov., for *Coccidula rondensis* Eizaguirre (Coleoptera: Coccinellidae)**

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### **Abstract**

A new genus of Coccidulinae from the Iberian Peninsula, *Iberorhizobius* Raimundo & Canepari, is described for the species *Coccidula rondensis* Eizaguirre, 2004. Description and illustrations of the adult and larva are presented. Differences between *Iberorhizobius* and other European Coccidulini are discussed. Adults and larvae of this species were collected in maritime pine stands, *Pinus pinaster* Aiton. Larvae were found preying upon ovisacs of the pine bast scale *Matsucoccus feytaudi* Ducasse. Both adults and larvae were lured by the sex pheromone of this prey. Our findings support the hypothesis that the new genus is endemic to the Iberian Peninsula.

**Key words:** Coccinellidae, Coccidulini, *Iberorhizobius*, new genus, *Pinus*, Iberian Peninsula, pine bast scale

### **Introduction**

During a field study (February- May 2000) carried out in maritime pine stands, *Pinus pinaster* Aiton, of central and southern Portugal, larvae of an unidentified Coccinellidae species were found preying upon ovisacs of the pine bast scale *Matsucoccus feytaudi* Ducasse (Hemiptera: Matsucoccidae) (Branco et al. 2001). Further studies on the kairomonal response of the predators of maritime pine bast scale, conducted in 2003 and 2004, demonstrated that both adults and larvae of the coccinellid are attracted by the sex