

## ***Copris umbilicatus* Abeille de Perrin, 1901 (Scarabaeidae: Coprinae: Coprini): first records for Corsica (France) and Island of Pag (Dalmatian coast of Croatia)**

### **První údaje o výskytu *Copris umbilicatus* Abeille de Perrin, 1901 (Scarabaeidae: Coprinae: Coprini) na Korsice a ostrovu Pag**

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**Abstract.** Rare coprophagous scarab beetle *Copris umbilicatus* Abeille de Perrin, 1901 is recorded from the first time from Corsica (France) and Island of Pag (Croatia).

**Key words:** *Copris umbilicatus*, new records, Corsica, Croatia

### **Introduction**

When identifying a lot of Scarabaeoidea from various localities, we found two specimens of *Copris umbilicatus* Abeille de Perrin, 1901 from Corsica and from Island of Pag (Dalmatian coast of Croatia) not yet recorded from these localities; moreover Stefano Ziani (Imola, Italy) gently handed us the data of an additional specimen from Croatia he recently identified.

Taxonomically, *C. umbilicatus* pertains to the group of species with three teeth at outer margin of fore tibia, relatively small hornlike appendage of pronotum, metasternal plate with median longitudinal groove ending with a deep fovea, and (in males) without denticles at base of epistomal horn (Figs 1-2).

Its distribution is southern European. It is known from south-eastern France, Italy (Sardinia and Sicily excluded), southern Slovakia, Hungary, Albania, Bulgaria, Greece (Löbl et al., 2006; Maughan & Paulian, 2011) and Romania (Ziani et al., 2015). Distribution of this species in the Balkan Peninsula is known only fragmentary and more thorough study is badly needed.

Adults of this rare species are active during spring and summer, they feed on cow and sheep dung in open areas at moderate altitude (500-1000 m a.s.l.).

### **Material examined:**

**France:** Corsica, Propiano, 28.IV.1996, leg. B. Kofler, 1 ♂, deposited in coll. G. Dellacasa (Genova). **Croatia:** Hrvatska, Pag, 01.V.1979, leg. Starc, 1 ♀, deposited in coll. Kofler (Skofja Loka); Velebit mountain range, Karlobag env., Susanj, 02.V.1997, leg. Saltini, 1 ♀, deposited in coll. Saltini (Modena).

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## References

- ABEILLE DE PERRIN E. (1901): Nouvelles espèces de coléoptères français. *L'Échange* **17**: 68-70.
- LÖBL I., KRELL F.-T. & KRÁL D. (2006): Scarabaeidae: Scarabaeinae: Coprini. Pp. 151-154. In: Löbl I. & Smetana A. (eds): *Catalogue of Palaearctic Coleoptera*. Volume 3. Apollo Books, Stenstrup, Denmark, 690 pp.
- MAUGHAN N. & PAULIAN A. (2011): Précisions sur la biogéographie du genre *Copris* Geoffroy, 1762, dans le sud-est de la France (Coleoptera, Scarabaeidae, Coprini). *Bulletin de la Société Entomologique de France* **116**: 435-452.
- ZIANI S., BEZDĚK A., BRANCO T., HILLERT O., JÁKL S., KRÁL D., MANTIČ M., RÖSSNER E. & SEHNAL R. (2015): New country records of Scarabaeoidea (Coleoptera) from the Palaearctic Region. *Insecta Mundi* **409**: 1-36.



Figures 1-2: *Copris umbilicatus*, male, Corsica, Propiano. 1 – dorsal view; 2 – lateral view.