



## On the Xantholinini of Turkey and adjacent regions (Coleoptera: Staphylinidae: Staphylininae)

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### Table of contents

Abstract .....	1
Introduction .....	2
Material, methods and depositories.....	2
Results .....	3
The genus <i>Megalinus</i> Mulsant & Rey, 1877 .....	43
Checklist of the Xantholinini of Turkey .....	46
Acknowledgements .....	50
References .....	50

### Abstract

Based on a study of types and additional material, 11 species of Xantholinini from the Eastern Mediterranean are (re-)described and illustrated, 8 of them as new: *Vulda ottomana* (Cameron, 1912), *V. cangalica* **sp. n.** (Turkey: Sinop), *Xantholinus* (*Typhlolinus*) *gridellii* Coiffait, 1956, *X. (Calolinus) puthzi* Bordoni, 1979, *X. (C.) ibex* **sp. n.** (Turkey: Muğla, Antalya), *X. (C.) marasicus* **sp. n.** (Turkey: Kahramanmaraş), *X. (C.) penicillatus* **sp. n.** (Turkey: Muğla, Konya), *X. (Helicophallus) multispinosus* **sp. n.** (Turkey: Mersin), *X. (H.) brevispinosus* **sp. n.** (Turkey: Antalya), *X. (H.) bitlisicus* **sp. n.** (Turkey: Bitlis), and *X. (H.) chersonesicus* **sp. n.** (Turkey: Çanakkale). The male sexual characters of 6 additional species are illustrated. The following synonymies are proposed: *Megalinus* Mulsant & Rey, 1877 = *Leptophius* Coiffait, 1983, **syn. n.**; *Vulda ottomana* (Cameron, 1912) = *Xantholinus anatolicus* Coiffait, 1965, **syn. n.**; *Xantholinus reitteri* Coiffait, 1966 = *X. svanetskiensis* Coiffait, 1973, **syn. n.**, = *X. motschulskyi* Bordoni, 1999, **syn. n.**; *X. rufipennis* Erichson, 1839 = *X. phenicius* Coiffait, 1971, **syn. n.**; *X. nicolasi* Coiffait, 1972 = *X. pantokratoris* Bordoni, 1975, **syn. n.**; *X. crassicornis* Hochhuth, 1851 = *X. lederi* Coiffait, 1966, **syn. n.**, = *X. martensi* Bordoni, 1983, **syn. n.**, *Megalinus scutellaris* (Fauvel, 1900) = *Lepidophallus denticulatus* Bordoni, 2004, **syn. n.** Lectotypes are designated for *Xantholinus motschulskyi* Bordoni, *X. rufipennis* Erichson, and *X. procerus* Erichson, 1839. The binomen *Megalinus flavocinctus* (Hochhuth, 1849), **comb. n.** (ex *Leptophius*) is established. Numerous additional records of Xantholinini are reported from the Eastern Mediterranean and adjacent regions, among them first country records from Turkey (5 species), Greece (2 species), Bosnia-Herzegovina (1 species), Albania (1 species), Jordan (1 species), Israel (5 species), Georgia (2 species), Azerbaijan (2 species), Turkmenistan (1 species), and Iran (3 species). An annotated checklist of the species of Xantholinini recorded from Turkey is compiled. The distributions of 23 species are mapped; the distribution of *X. procerus* is discussed. *Vulda ottomana* is the first example of a *Vulda* species with a pronounced dimorphism of the wings (elytra and hind wings), head shape, and eye size.

**Keywords:** Coleoptera, Staphylinidae, Staphylininae, Xantholinini, Palaearctic region, Turkey, taxonomy, new species, new synonymies, new combinations, lectotype designations, checklist, distribution, new records, dimorphism