

Arnaldo Bordoni

**New data on the Xantholinini of China. 25 - New records<sup>1</sup>**

(Insecta Coleoptera Staphylinidae)

**Riassunto**

[Nuovi dati sugli Xantholinini della Cina. 25 - Nuovi reperti]

Sono elencati nuovi dati geonemici sugli Xantholinini della Cina. Si presenta la foto dell'edeago di *Megalinus hunanensis* Bordoni, 2013.

**Abstract**

New records of Xantholinini from China are listed; a photo of the aedeagus of *Megalinus hunanensis* Bordoni, 2013 is presented.

Key words: Coleoptera, Staphylinidae, *Megalinus*, new records, China.

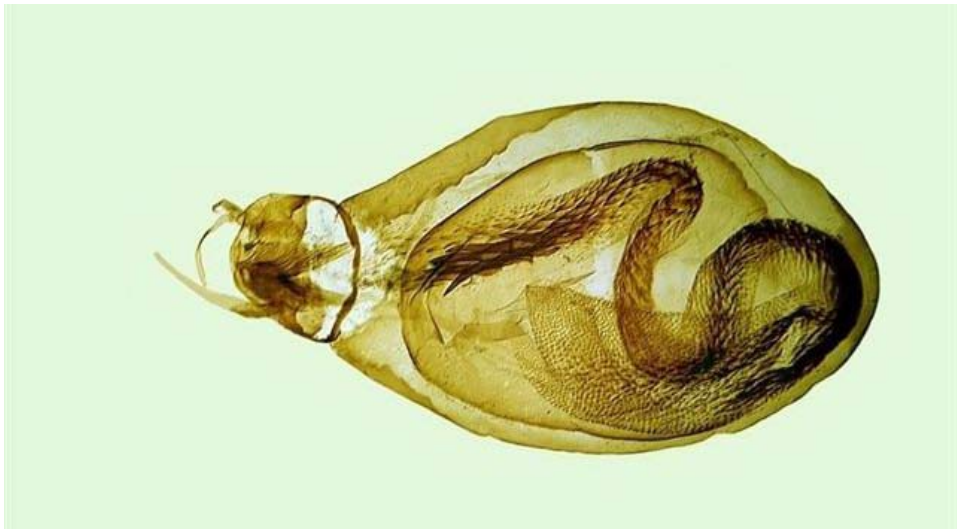


Fig. 1 - *Megalinus hunanensis* Bordoni: aedeagus (total length: 1.37 mm) (photo S. Cuoco).

<sup>1</sup> 251<sup>st</sup> contribution to the knowledge of the Staphylinidae.

## Introduction

The result of the study of some specimens of Xantholinini from China, received in the years from different colleagues and institutions, is the object of this short note, with the photo of the aedeagus of *Megalinus hunanensis* Bordoni, 2013 from Hubei, shortly after the publication of a substantial revision of the genus (ZHOU, BORDONI & ZHOU, 2013), in which many new species have been described.

## Acronyms

cB: coll. Bordoni, Firenze; cS: coll. Schülke, Berlin; NMW: Naturhistorisches Museum, Wien.

### *Megalinus hunanensis* Bordoni, 2013

Examined material. China, centr. Hubei, 15 km SE Yichang, forest park, 30.7N, 111.4E, J. Tourna 11.V.2005, 1 ♂ (NMW).

Geographical distribution. The species is known from Hubei and Guizhou (ZHOU et al., 2013).

Notes. The figure of the aedeagus of this species, added to the description, is very poor, so I propose here a photo of the same (fig. 1).

### *Nudobius nigriventris* Zheng, 1994

Examined material. China, W Henan, Funiu Shan, Baotianman, 33.5N, 111.9E, J. Turna 15-17.V.2005, 1 ♂, 2 ♀ (NMW), 1 ♂, 1 ♀ (cB).

Notes. This species, redescribed recently (BORDONI, 2000), was described from Sichuan and cited from Shaanxi (BORDONI, 2003, 2013a) and Yunnan (BORDONI, 2004). New record for Henan.

### *Megalinus flavus* (Bordoni, 2002)

Examined material. China, W Fujian, SE Xinqiao, 27.05N, 117.1E, J. Turna 10.V.2005, 3 ♂, 2 ♀ (NMW), 3 ♂, 1 ♀ (cB); SE Hubei, Mulu Shan, Jugongshan, 29.4N, 114.7E, J. Turna 3.V-9.VI.2005, 1 ♀ (NMW).

Notes. This species, redescribed recently (ZHOU et al., 2013) because the type series was composed by different species for a mistake in laboratory, was described from Fujian and cited from Guizhou, Hong Kong (BORDONI, 2003a, 2007), Jiangxi, Hubei, Zhejiang, Shanghai, Jiangsu (ZHOU et al., 2013).

### *Medhiana lanzhouensis* Bordoni, 2004

Examined material. China, Qinghai Prov., Laji Shan, 27 km SSW Ledu, pass road, 36°15'48.5"N, 102°15'52.4"E, 2955 m, M. Schülke 13.VII.2011, creek valley with young *Picea* and shrubs, *Formica* nest, *Coptoformica* sp., BEIS, B. Seibert det. (nest), 1 ♂ (cS); same data, road from Honggu to Men Yuan, 37°08'46"N,

102°58'7''E. 2473 m, D. W. Wrase 3-5.VII.2011, river valley, forest edge, semi open pasture, under stones, 1 ♂ (cB); same data, Daban Shan, 62 km NNW Honggsu, 2236 m, 36°51'28.4''N, 102°37'07.6''E, M. Schülke 15.VII.2011, creek valley, *Picea*, *Populus*, *Betula* forest, *Formica chinensis* Wheeler, 1913 nest, 1 ♂ (cS); same data, 26.VI.2011, 1 ♀ (cS); same data, 29.VI.2011, 1 ♀ (cB); same data, 36°51'15.7''N, 102°36'34.3''E, 2350 m, M. Schülke 10.VII.2011, under stones together with ants, 1 ♀ (cB); same data, 36°51'15.28''N, 102°36'37.07''E, 2236-2350 m, M. Schülke 26.VII.2011, litter, dead wood, moss, 1 ♀ (cS); same data, Daban Shan, 25 km ESE Menyuan, 2795 m, 37°16'21.6''N, 101°52'37.4''E, D. W. Wrase 6.VII.2011, 2 ♀ (cS); same data, road 301, km 140, 63 km ESE Men Yuan, 2558 m, 37°07'41.0''N, 102°16'04.7''E, D. W. Wrase 5.VII.2011, creek valley with pasture and forest remnants, under stones, 2 ♀ (cS); Gansu Prov., Lenglong Ling Mts, 60 km NNW Honggu, Jin sha Gorge, 36°51'56.9''N, 102°38'55.3''E, M. Schülke 12.VII.2011, *Picea*, *Populus*, *Betula*, litter, moss, mushrooms, 1 ♀ (cS), 1 ♀ (cB); same data, pass road 61.5 km N Honggu, 2875-2900 m, 36°53'11.0''N, 102°45'30.8''E, D. W. Wrase 12.VII.2011, dry grass steppe and field edges, under stones, 1 ♂ (cS), 1 ♂ (cB).

Notes. This species was described from Gansu. New record for Qinghai. I think it is interesting to note that the species was collected also with ants. In the past (BORDONI, 2002), I had indicated that some samples of *Medhiama pauper* (Sharp, 1889) were collected in a nest of ants. One can advance the hypothesis that the genus is not a stranger to this environment.

### Corrections

I propose the following corrections: *Thyreocephalus sarasinorum* Bordon, 2002 instead of *Thyreocephalus sarasini* Bordon, 2002, as dedicated to Fritz and Paul Benedikt Sarasin; *Medhiama wallstromae* Bordon, 2003 instead of *Medhiama wallstromi* Bordon, 2003, as dedicated to Margot Wallstrom.

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### References

- BORDONI A, 2000 - Contribution to the knowledge of the Xantholinini from China. (Coleoptera, Staphylinidae). *Mitteilungen aus dem Zoologischen Naturkunde in Berlin, Zoologische Reihe*, 76, 1: 121-133.
- BORDONI A., 2002 - Xantholinini della Regione Orientale (Coleoptera: Staphylinidae). Classificazione, filogenesi e revisione tassonomica. *Memorie del Museo regionale di Scienze naturali*, Torino, 33, 998 pp.

- BORDONI A., 2003 - Contributo alla conoscenza degli Xantholinini della Cina. IV. Un nuovo genere e nuove specie raccolti da Michael Schülke nello Shaanxi e nel Sichuan (Coleoptera, Staphylinidae). *Beiträge zur Entomologie*, 53, 2: 253-275.
- BORDONI A., 2003<sup>a</sup> - Contribution to the knowledge of Xantholinini from China. II. (Coleoptera, Staphylinidae). *Fragmenta Entomologica*, 34, 255–292.
- BORDONI A., 2004 - Contributo alla conoscenza degli Xantholinini della Cina. VIII. Materiali raccolti da Ales Smetana nel Gansu, nel Sichuan e nello Shaanxi, con descrizione di nuove specie (Coleoptera, Staphylinidae). *Fragmenta Entomologica*, 36, 2: 115-127.
- BORDONI A., 2007 - Xantholinini (Coleoptera Staphylinidae). Supplement to the catalogue of Palaearctic Coleoptera, volume 2. *Bollettino della Società entomologica italiana*, 139, 67–78.
- BORDONI A., 2013 - New data on the Xantholinini from China, 23. New species and records in the collection Hayashi (Coleoptera, Staphylinidae). *Linzer biologische Beiträge*, 45, 1: 279-283.
- BORDONI A., 2013a - New data on the Xantholinini from China, 24. New genus, new species and new records of the Shanghai Normal University collection (Coleoptera, Staphylinidae). *Linzer biologische Beiträge*, 45, 2: 1745-1797.
- ZHENG F., 1994 - Three new species of the genus *Lepidophallus* Coiffait from China (Coleoptera: Staphylinidae, Xantholininae). *Acta entomologica sinica*, 37, 3: 349-351.
- ZHOU Y. L., BORDONI A. & ZHOU H. Z., 2013 - Taxonomy of the genus *Megalinus* Mulsant & Rey (Coleoptera: Staphylinidae, Xantholinini) and seven new species from China. *Zootaxa*, 3727: 1-66.

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