

Linzer biol. Beitr.	45/1	279-283	31.7.2013
---------------------	------	---------	-----------

New data on the Xantholinini from China. 23°. New species and records in the collection Hayashi (Coleoptera, Staphylinidae) 241° contribution to the knowledge of the Staphylinidae

A. BORDONI

A b s t r a c t : *Megalinus hunanensis* nov.sp. from Hunan (China) is described and illustrated and some new records are listed (Coleoptera, Staphylinidae).

K e y w o r d s : Coleoptera, Staphylinidae, Xantholinini, *Megalinus*, new species, new records, China.

Introduction

After the species described in the revision of the Xantholinini of the Oriental Region (BORDONI 2002), and an initial paper dedicated to the knowledge of Xantholinini of China (BORDONI 2000), was published a second contribution (BORDONI 2003) with also the list of known species (49 taxa).

Were later published 14 other papers (BORDONI 2003a, 2003b, 2003c, 2004, 2005, 2005a, 2006, 2007, 2009, 2009a, 2009b, 2009c, 2009d, 2010) with the description of a new genus (*Achemia* BORDONI 2003) and 50 other species. Other four species belonging to the genus *Megalinus* MULSANT & REY 1877 (BORDONI 2012), and one belonging to the genus *Liotesba* SCHEERPELTZ 1965 (BORDONI 2012a) was recently published.

This contribution is the result of the examination of a little number of Xantholinini from the collection Hayashi (Japan), with the list of some new records from Yunnan, Sichuan and Shaanxi, and the description of a new species of *Megalinus* from Hunan.

Acronyms

cB coll. Bordoni, Firenze
cH coll. Hayashi, Kawanishi

Material

Yunnella spinosa BORDONI 2003

E x a m i n e d m a t e r i a l : China, Sichuan, valley 10 km NNW Muzuno, J. Kalab 2.VII.2005, 1♂ (cH); paratypes: same data, ♀ (cH), 2♀♀ (cB).

Geographical distribution: Described from S-Shaanxi: Qinling Shan (BORDONI 2003b.). New for Sichuan.

***Megalinus montanicus* BORDONI 2003**

Examined material: China, Shaanxi, Qinling mts, Xunnyangba, 1200 m, leg. ? 20.V-10.VI.2000, 1♂, 2♀♀ (cH), 2♂♂, 1♀ (cB).

Geographical distribution: Sichuan, Shaanxi (BORDONI 2003b).

***Megalinus hunanensis* nov.sp. (Figs 1-3)**

Examined material: Holotype ♂: China, Hunan, Wulingyuashan, 40 km NW Zhanzhajie, 800 m, leg. ? 22-25.VI.1997 (cH); paratypes: same data, 1♀ (cH), 1♂ (cB).

Description: Length of body 9 mm; from anterior margin of head to posterior margin of elytra: 5 mm. Brown light, with head and pronotum a little reddish. Elytra, 6° abdominal visible segment, genital segment, and legs yellowish; antennae brown. Elytra slightly infuscate on the anterior half. Head avoidal, anteriorly narrow, with strictly rounded posterior angles. Eyes medium-sized, protruding. Surface of head with more or less polygonal micro-reticulation and deep, rounded, dense puncturation, apart a narrow median strip. Pronotum as long as head, a little narrower, slightly dilated anteriorly, with very largely rounded anterior angles and a little sinuate sides. Surface shiny, with dorsal series of 7-8 wide and superficial punctures and lateral series of 4-5 punctures. Elytra large, very longer and wider than pronotum, posteriad dilated, with marked humeral angles. Surface with more or less polygonal micro-reticulation and fine, dense and superficial puncturation, arranged in numerous series. Abdomen with transverse micro-striation and fine and sparse puncturation, arranged in few series.

Tergite and sternite of the male genital segment as in figs. 1-2. Aedeagus (fig. 3) 1, 35 mm long, ovoidal, with characteristic distal portion and short, narrow parameres; inner sac ribbon-like, folded some time on itself and covered by fine scales.

Etymology: The specific epithet refers to Hunan.

Geographical distribution: The species is known until now from the type locality only.

Note: This is the first *Megalinus* cited for Hunan.

***Hypnogyra sichuanica* BORDONI 2003**

Examined material: China, Yunnan, Habashan, Habashan mts, 3150-3500 m, 27.19N, 100.06E, S. Becvar & R. & H. Fouqué 6-11.VI.2002, 1♂ (cH).

Geographical distribution: Yunnan, Sichuan. New for Yunnan.

Acknowledgements

I wish to thank my colleague Yasuhiko Hayashi (Kawanishi, Japan) for the loan of the material and for the generous gift of specimens.

Zusammenfassung

Megalinus hunanensis nov.sp. (Staphylinidae) wird aus Hunan (China) beschrieben und illustriert. Fundangaben zu drei weiteren Arten werden angeführt.

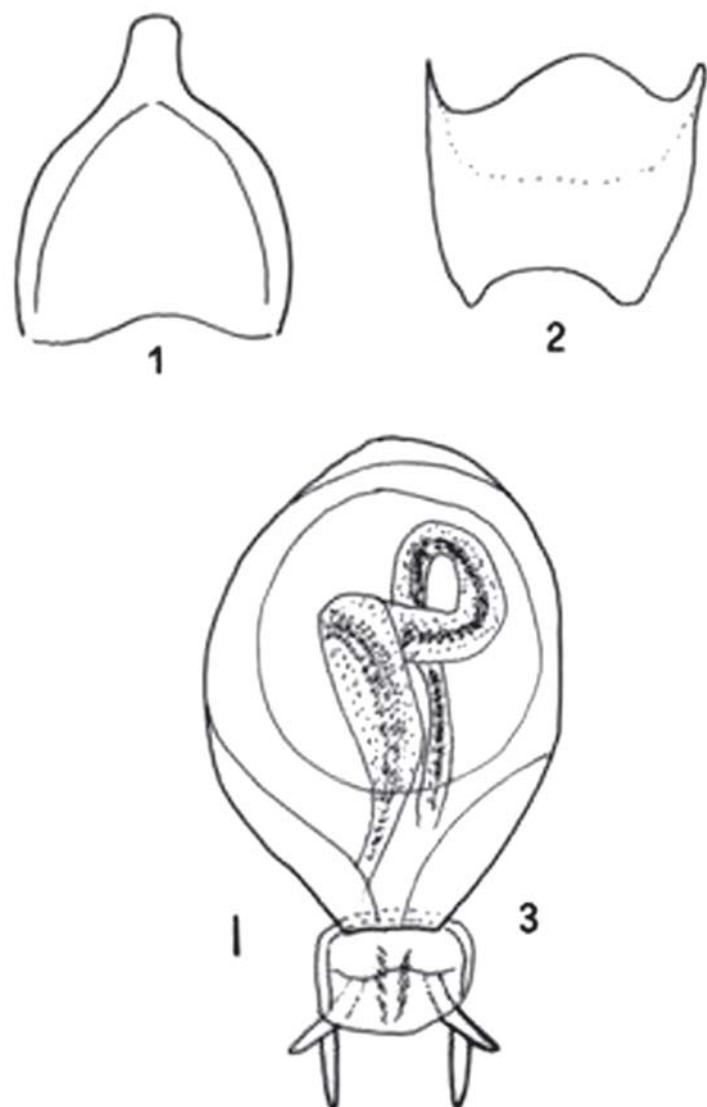
References

- BORDONI A. (2000): Contribution to the knowledge of the Xantholinini from China. I. (Coleoptera, Staphylinidae). — Mitteilungen aus dem Zoologischen Museum für Naturkunde in Berlin, Zoologische Reihe **76** (1): 121-133.
- BORDONI A. (2002): Xantholinini della Regione Orientale (Coleoptera: Staphylinidae). Classificazione, filogenesi e revisione tassonomica. — Monografie del Museo Regionale di Scienze Naturali, Torino **33**: 998 pp.
- BORDONI A. (2003): Contributo alla conoscenza degli Xantholinini della Cina. II. (Coleoptera, Staphylinidae). — Fragmenta entomologica **34** (2): 255-292.
- BORDONI A. (2003a): Contributo alla conoscenza degli Xantholinini della Cina. III. Due nuove specie dello Guanxi (Coleoptera Staphylinidae). — Animma x **2**: 11-16.
- BORDONI A. (2003b): 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. (2003c): Contributo alla conoscenza degli Xantholinini della Cina. V. Tre nuovi *Lepidophallus* del Sichuan e dell'Hubei (Coleoptera, Staphylinidae). — Fragmenta entomologica **35** (1): 59-67.
- 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. (2005): Contributo alla conoscenza degli Xantholinini della Cina. VII. Nuove specie di Gansu, Sichuan e Shaanxi (Coleoptera, Staphylinidae). — Atti del Museo di Storia naturale della Maremma **21**: 25-31.
- BORDONI A. (2005a): Contributo alla conoscenza degli Xantholinini della China. IX. Descrizione di due nuove specie (Coleoptera, Staphylinidae). — Onychium (**2**): 9-13.
- BORDONI A. (2006): Contributo alla conoscenza degli Xantholinini della China. VI. *Zeteotomus dilatipennis* (KIRSCHENBLAT, 1948) nello Shaanxi e descrizione di *Erymus dalianus* sp.n. dello Yunnan (Coleoptera: Staphylinidae). — Animma x **12**: 16-23.
- BORDONI A. (2007): Contributo alla conoscenza degli Xantholinini della China. XI. Nuove specie dello Yunnan settentrionale e di Guizhou, Hubei e Anhui (Coleoptera Staphylinidae), — Bollettino della Società entomologica italiana **139** (1): 7-18.
- BORDONI A. (2009): Xantholinini della Cina, della Regione Orientale e dell'Australia. Nuove specie e nuovi dati geonomici (Coleoptera, Staphylinidae). — Fragmenta entomologica, **41** (1): 87-111.
- BORDONI A. (2009a): New data for the knowledge of the Xantholinini (Coleoptera, Staphylinidae) from China. XII. Species preserved in the National Museum of Nature and Science, Tokyo. — Japanese Journal of Systematic Entomology **15** (1): 267-275.
- BORDONI A. (2009b): Contribution to the knowledge of the Xantholinini from China. XIII. Species from Yunnan, Zhejiang and Sichuan collected by Andreas Pütz (Insecta: Coleoptera: Staphylinidae): p. 237-242. — In: HARTMANN M. & J. WEIPERT, Biodiversität und Naturausstattung im Himalaya III, Erfurt, 477pp.
- BORDONI A. (2009c): Contribution to the knowledge of the Xantholinini of China. XIV. *Nudobius linanensis* n.sp. from Zhejiang, notes and new records of some interesting species (Insecta Coleoptera, Staphylinidae). — Quaderno di Studi e Notizie di Storia Naturale della Romagna **28**: 105-109.

- BORDONI A. (2009d): New data on Xantholinini from China. XVII. *Daolus niger* nov.sp. From Zhejiang (Coleoptera: Staphylinidae, Xantholinini). — Linzer biologische Beiträge **41** (2): 1867-1870.
- BORDONI A. (2010): Contribution to the knowledge of the Xantholinini from China. XV. New species collected by Michael Schülke in Zhejiang and Yunnan (Coleoptera, Staphylinidae). — Beiträge zur Entomologie **60** (1): 111-123.
- BORDONI A. (2012): New data on Xantholinini from China. 20°. New species of *Megalinus* from Yunnan and Sichuan and new records (Insecta: Coleoptera: Staphylinidae): p. 297-301. — In: HARTMANN & WEIPERT, Biodiversität und Naturausstattung im Himalaya, IV, Erfurt.
- BORDONI A. (2012a): Nuovi dati sugli Xantholinini della China. 21°. Una nuova specie di *Liotesba* dello Yunnan e nuove citazioni geonomiche (Insecta: Coleoptera: Staphylinidae): p. 303-304. — In: HARTMANN M. & J. WEIPERT, Biodiversität und Naturausstattung im Himalaya, IV, Erfurt.

Author's address:

Arnaldo BORDONI
Museo di Storia Naturale dell'Università di Firenze
sezione di Zoologia "La Specola", via Romana 17,
50125 Firenze, Italia.
E-mail: arnaldo.bordoni@libero.it



Figs 1-3: Tergite of the male genital segment, sternite of the same, aedeagus of *Megalinus hunanensis* nov.sp. (scale bar: 0,1 mm).

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Linzer biologische Beiträge](#)

Jahr/Year: 2013

Band/Volume: [0045_1](#)

Autor(en)/Author(s): Bordoni Arnaldo

Artikel/Article: [New data on the Xantholinini from China. 23°. New species and records in the collection Hayashi \(Coleoptera, Staphylinidae\) 241° contribution to the knowledge of the Staphylinidae 279-283](#)