

Linzer biol. Beitr.	41/2	1867-1870	18.12.2009
---------------------	------	-----------	------------

**New data on Xantholinini from China. XVII. *Daolus niger* nov.sp.  
from Zhejiang (Coleoptera: Staphylinidae, Xantholinini)  
205° contribution to the knowledge of the Staphylinidae**

A. BORDONI

**A b s t r a c t :** *Daolus niger* nov.sp. from Zhejiang, similar to *D. eppelsheimi* (BERNHAEUER & SCHUBERT) from India, Nepal, Sikkim and Bhutan, is described and illustrated. *Daolus gestroi* (FAUVEL 1895) nov.comb. is established.

**K e y w o r d s :** Coleoptera, Staphylinidae, Xantholinini, *Daolus*, new species, new combination, Zhejiang, Oriental Region.

**Introduction**

The genus *Daolus* was established (BORDONI 2004) for a species (*D. eppelsheimi* BERNHAUER & SCHUBERT 1914) previously included among *Thyrecephalus* GUÉRIN-MÉNEVILLE 1844, based on external characters, also illustrated in a subsequent contribution (BORDONI 2008). The more significant character is the presence of the superior epipleural line of the pronotum not joint with the inferior line. Is now certain (BORDONI 2002) that this character is of particular importance among the Xantholinini for genera discrimination.

*Daolus eppelsheimi* is really known from Meghalaya (North-east India), central and oriental Nepal, Sikkim and Bhutan (BORDONI 2002) and in fact occurs only in the eastern part of the himalayan range.

A second species of Formosa is about to be published (BORDONI in press) and a third is below described from China.

Because of the presence of the superior epipleural line of the pronotum not joint with the inferior line, to these species should now be added another species, until now included among the *Thyrecephalus*: *D. gestroi* (FAUVEL), known in northern Burma and northern Thailand, on the border with Yunnan (BORDONI 2002).

Consequently: *Daolus gestroi* (FAUVEL 1895), nov.comb.

Is evident that can be argued that this genus is part of the Palaearctic Region, as the northern mountainous area of Burma and Thailand may be considered areas of contact with the Yunnan region and that it is certainly in the Palaearctic Region, while retaining in part, the border with the regions above, subtropical vegetation features.

The new species is part of materials sent to me in study by Michael Schülke (Berlin),

collected in China in 2007, already subject of a study in a previous contribution (BORDONI in press).

## Material

### *Daolus niger* nov.sp. (Figs 1-4)

**H o l o t y p e** ♂: China, Zhejiang, Tianmu Shan N. R., way to peak of immortals, 30.20N, 119.25E, 1100-1200 m, M. Schülke leg. 15.VI.2007 (coll. Schülke, Berlin); paratypus ♀: China, Zhejiang, W Tianmu Shan, N. R., path to peak of immortals (Blind alley), 30.20N., 119.25E, 1100-1200 m (coll. Bordoni, Firenze).

**D e s c r i p t i o n**: Body 16 mm long; length from the anterior margin of the head to the posterior margin of elytra: 8 mm. Body shiny, black; genital segment reddish; antennae and legs brown blackish. Head backwards dilated, with rounded sides and strictly rounded posterior angles. Eyes small and almost flat. Labrum as in fig. 1. Surface of the head with sparse and very fine micropunctuation and with some small punctures, one under the insertion of the antennae, one at the end of the ocular grooves, two under the eyes, two near the posterior angles, some others on the posterior half of the head. Pronotum longer and narrower than head, with one puncture near the anterior angles. Elytra narrow, shorter and narrower than pronotum, with distinct humeri. Surface with 2-3 series of fine punctures near the suture, one median series of more distinct and large punctures. Abdomen without microsculpture, with distinct, dense punctures, especially on the lateral portion.

Tergite and sternite of the male genital segment as in figs. 2-3. Aedeagus (fig. 4) big (3.55 mm long), with symmetrical and short parameres; internal sac short, tubular, with some lateral scales.

**D i s t r i b u t i o n**: It is known to me only from the type locality.

**E t y m o l o g y**: The specific epithet is based on the Latin *niger- a- um* (black).

**N o t e s**: This species differs from *D. eppelsheimi* by body size, coloration, punctuation, labrum and aedeagus.

## Acknowledgements

I wish to thank my colleague Michael Schülke for the loan of the material which this study is based on.

## Zusammenfassung

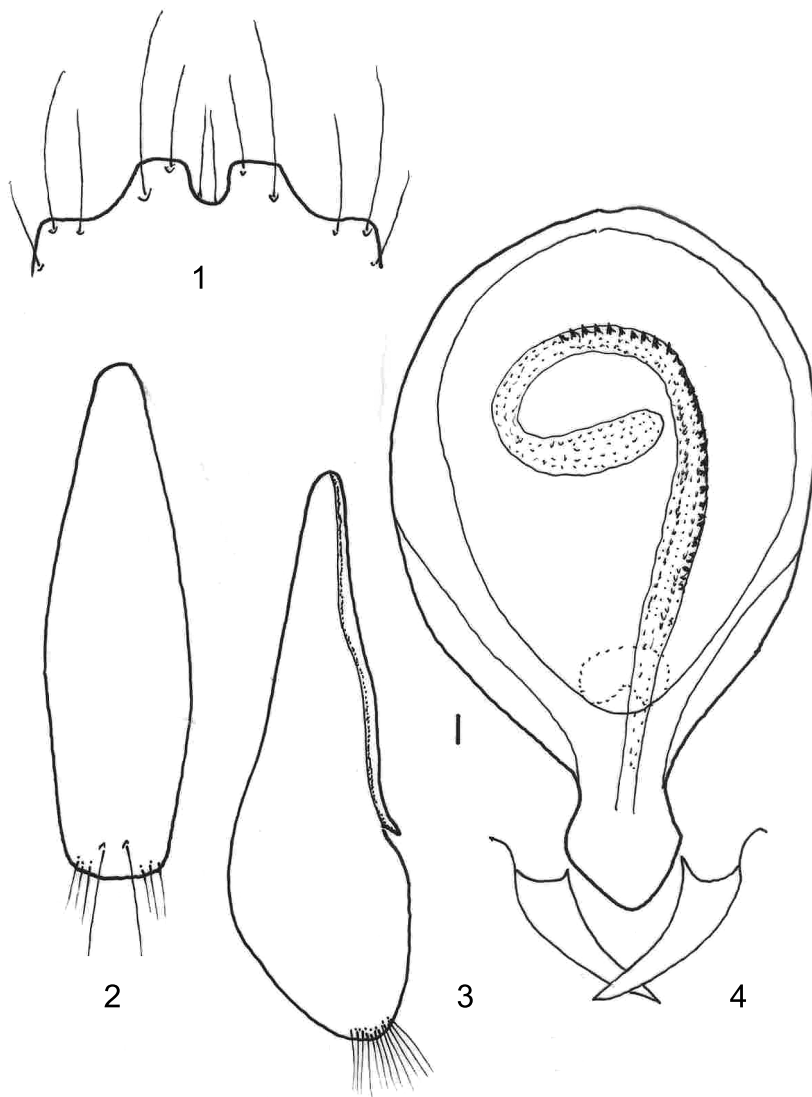
*Daolus niger* nov.sp. von Zhejiang, welche *D. eppelsheimi* (BERNHAEUER & SCHUBERT) aus Indien, Nepal, Sikkim und Bhutan ähnlich ist, wird beschrieben und illustriert. Die Neukombination von *Daolus gestroi* (FAUVEL 1895) wird festgelegt.

## References

- 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. (2004): Nuovi dati per la conoscenza degli Xantholinini della Regione Orientale. V. *Daolus hromadkai* gen.n., sp.n. del Nepal e *Thyreocephalus perakensis* n.sp. della Malesia (Coleoptera Staphylinidae). — Entomologica, Bari **38**: 83-89.
- BORDONI A. (2008): Sulla validità del genere *Daolus* BORDONI, 2004 e sulla sinonimia tra *Thyreocephalus eppelsheimi* BERNHAUER & SCHUBERT, 1914 e *Daolus hromadkai* BORDONI, 2004 (Coleoptera, Staphylinidae, Xantholinini). — Onychium, Firenze **6**: 60-61.

Author's address:

Dr. Arnaldo BORDONI  
Museo Zoologico "La Specola"  
Sezione del Museo di Storia naturale dell'Università  
via Romana 17, 50125 Firenze, Italy  
E-mail: [arnaldo.bordoni@libero.it](mailto:arnaldo.bordoni@libero.it)



**Figs 1-4:** *Daolus niger* nov.sp: (1) labrum; (2) tergite of the male genital segment; (3) sternite of the same; (4) aedeagus (scale: 0.1 mm).

# ZOBODAT - [www.zobodat.at](http://www.zobodat.at)

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

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

Jahr/Year: 2009

Band/Volume: [0041\\_2](#)

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

Artikel/Article: [New data on Xantholinini from China. XVII. \*Daolus niger\* nov.sp. from Zhejiang \(Coleoptera: Staphylinidae, Xantholinini\) 205° contribution to the knowledge of the Staphylinidae 1867-1870](#)