



## A new species of the genus *Anchocerus* Fauvel, 1905 from China (Coleoptera: Staphylinidae: Staphylininae)

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*Anchocerus* Fauvel, 1905 is a small genus of the rove beetle tribe Staphylinini. The most recent diagnoses of this genus were provided in Smetana (1988) and Solodovnikov (2008). Until now, 13 species of *Anchocerus* have been known in the world fauna. Among them, only two species were known from China: *A. shibatai* Smetana (1995) from Taiwan and *A. schuelkei* Smetana (2005) from Sichuan and Yunnan Provinces. In addition, one unnamed species of uncertain identity was mentioned by Smetana (2005) from Fujian Province.

New material collected from Fujian and Zhejiang Provinces these years brought another hitherto unknown species here described as *Anchocerus giganteus* Hu, Li & Zhao, **sp. nov.** To summarize all published data about Chinese fauna of *Anchocerus* we also provide an identification key and a distribution map (Fig. 7) incorporating all three species of this genus that occur in China.

Holotype and most of the paratypes of the new species are deposited in the Insect Collections of the Department of Biology, Shanghai Normal University, Shanghai, P. R. China (SHNUC). Two paratypes are deposited in the Coleoptera collection of the Zoological Museum, University of Copenhagen (ZMUC).

### Material and methods

Specimens were collected from decaying leaf litter of the forest floor by hand sifting. Beetles were killed with ethyl acetate and dried. To examine male genitalia, the last three abdominal segments were detached from the body after the entire beetles have been softened in hot water. Aedeagus and dissected abdominal sternites were mounted in Euparal on plastic slides. Habitus photo was taken with the Canon 40D camera. Photos of the sternites and the aedeagus were taken with the Canon G9 camera mounted on the Olympus SZ61 stereoscope.

### Description

#### *Anchocerus giganteus* Hu, Li & Zhao, **sp. nov.**

(Figs. 1–6)

**Type material. Holotype: CHINA:** ♂, Fujian Prov., Longyan City, Meihuashan Nature Reserve, Guihe Village, alt. 1,500m, 27. V. 2007, HUANG Hao & XU Wang leg. **Paratypes: CHINA:** 2♀♀, same data as holotype; 1♂, Fujian Prov., Longyan City, Meihuashan Nature Reserve, Guihe Village – Gouzinao, alt. 1,700–1,800m, 28. V. 2007, HUANG Hao & XU Wang leg; 2♂♂, Fujian Prov., Longyan City, Meihuashan Nature Reserve, South slope of Gouzinao, alt. 1,650–1,700m, 30. V. 2007, HUANG Hao & XU Wang leg; 1♂, Zhejiang Prov., Qingyuan County, Baishanzu Nature Reserve, alt. 1,050m, 4. V. 2004, HU Jia-Yao & TANG Liang & ZHU Li-Long leg.; 1♀, Zhejiang Prov., Qingyuan County, Baishanzu Nature Reserve, alt. 1,000m, 25. V. 2008, HUANG Bao-Ping & YAN Ying leg. SHNUC.

**Description.** Body length: 10.7–12.5 mm (from front margin of head to apex of abdomen), 5.1–5.4 mm (from front margin of head to apical margin of elytra).

Body (Fig. 1) dark brown; mouthparts, tarsi and apical margin of abdominal tergites paler.

Head with dense and fine punctation, shorter than wide (length/width = 0.88), eyes flat, temples about twice as long as eyes. Dorsal macrosetae (one side only): one near base of antenna; one medially between eyes; two near neck constriction; two on temple, of which one near posterior margin of eye, one near neck constriction. Antennae slender;