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**FIRST RECORD OF THE GENUS *MICROPHAECHROOPS* PIC, 1930
(COLEOPTERA: HYBOSORIDAE) FROM CHINA**

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Summary. The genus *Microphaeochroops* Pic, 1930 is recorded from Yunnan province of China for the first time. The diagnosis and photographs of Chinese specimen of *M. hirsutus* Pic, 1930 is also given. The studied material is deposited in the Zoological Institute, St. Petersburg.

Key words: Scarabaeoidea, Hybosoridae, *Microphaeochroops hirsutus*, fauna, new record, Yunnan, China.

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Резюме. Впервые для фауны Китая из провинции Юньнань указывается род *Microphaeochroops* Pic, 1930. Приведены диагноз и фотографии экземпляра *M. hirsutus* Pic, 1930 из Китая. Изученный материал хранится в коллекции Зоологического института РАН, Санкт-Петербург.

INTRODUCTION

The genus *Microphaeochroops* Pic, 1930 (Coleoptera: Scarabaeoidea, Hybosoridae) consists of five species distributed in Malaysia (Sarawak) and Vietnam (Löbl & Löbl, 2016), of them only *M. hirsutus* Pic, 1930 is known only by type series from North Vietnam. A specimen of this species from China was found in the collection of the Zoological Institute of the Russian Academy of Sciences, St. Petersburg (ZIN).

NEW RECORD

Genus *Microphaeochroops* Pic, 1930

Microphaeochroops Pic, 1930: 12.

Type species: *Microphaeochroops hirsutus* Pic, 1930, by monotypy.

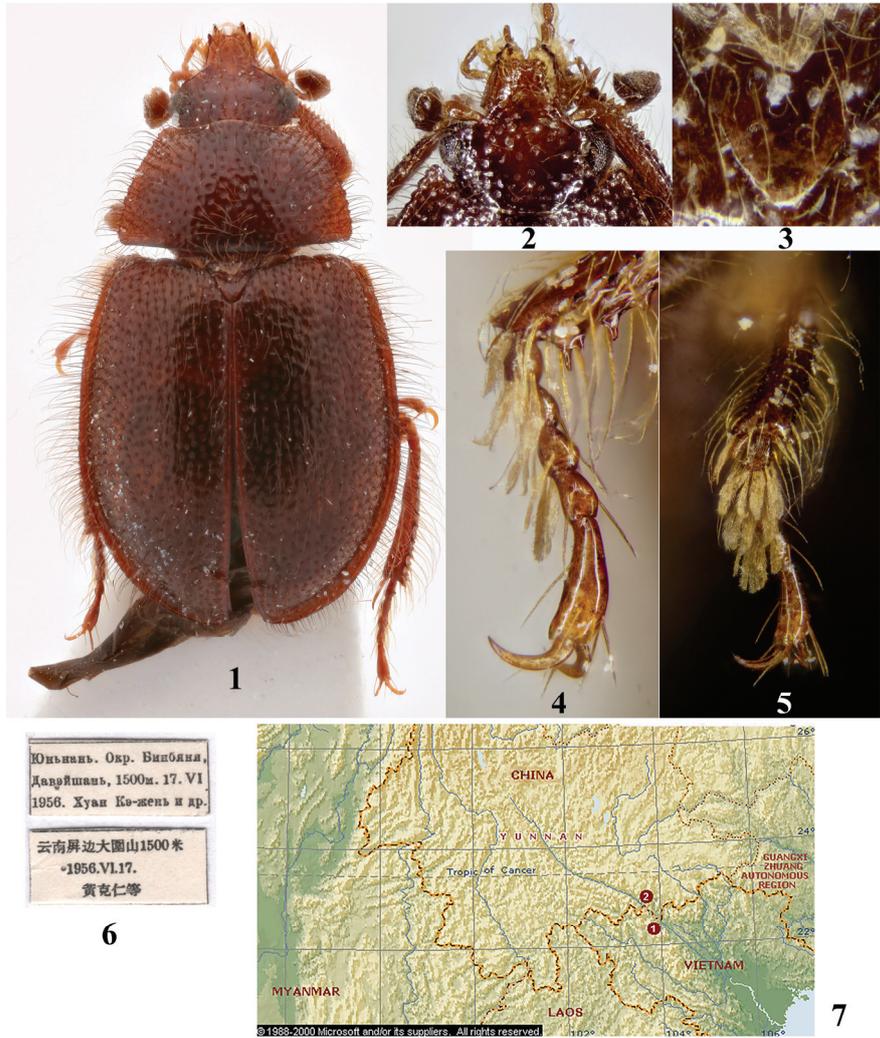
REMARKS. Here this genus is recorded from China for the first time.

***Microphaeochroops hirsutus* Pic, 1930**

Figs 1–7

Microphaeochroops hirsutus Pic, 1930: 12; Arrow, 1942: 925; Paulian, 1945: 38; Allsopp, 1984: 109; Kuijten, 1985: 8; Ocampo & Ballerio, 2006: 192.

MATERIAL EXAMINED. **China:** Yunnan prov., env. Pingbian, Daweishan Mt., 1500 m, 17.VI 1956, 1♀, leg. Huan Ke-Zhen et. al. [= Юннань окр. Бинбяна, Давэйшань, 1500 м, 17.VI 1956. сб. Хуан Кэ-жень и др. (Fig. 6)] (ZIN).



Figs 1–7. *Microphaeochroops hirsutus* Pic, 1930. 1–6 – female from China: 1 – habitus; 2 – head; 3 – scutellum; 4, 5 – mid tarsus; 6 – labels; 7 – distribution-map.

REMARKS. This species was redescribed in detail by Kuijten (1985). The main diagnostic features of female from China are as follows: length 4.5 mm, width 2.4 mm; body unicolorous, reddish brown; apex of mandible bidentate; eye-canthus is hardly developed (Figs 1, 2); scutellum triangular, densely and coarsely punctate (Fig. 3); first three segments of all tarsi apically inside with tuft of specific flattened, apically round, somewhat claviform, plumose setae (Figs 4, 5). This species was known only from the type locality Chapa in North Vietnam (Fig. 7). New locality in Yunnan, Daweishan (now Daweishan National Nature Reserve) is the humid rainforest in the mainland of China, which belongs to the Beibu-Gulf Center (one of the three biodiversity centers in China) and Indo-Burma hotspot (one of the 34 biodiversity hot-spots worldwide).

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REFERENCES

- Allsopp, P.G. 1984. Checklist of the Hybosorinae (Coleoptera: Scarabaeidae). *The Coleopterists Bulletin*, 38(2): 105–117.
- Arrow, G.J. 1942. A few new species of the scarabaeid subfamily Hybosorinae (Coleoptera), with a key to the genus *Phaeochroops*. *The Annals and Magazine of Natural History*, 11(9): 923–928.
- Löbl, I. & Löbl, D. (Eds). 2016. *Catalogue of Palaearctic Coleoptera. Volume 3. Scarabaeoidea – Scirtoidea – Dascilloidea – Buprestoidea – Byrroidea*. Leiden, Brill. 983 pp.
- Kuijten, P.J. 1985. Revision of some Hybosorine genera from the Indo-Malayan subregion: *Microphaeochroops*, *Microphaeolodes*, *Mimocoelodes*, *Pantolasius* and *Phaeochridius*. *Zoologische Verhandelingen*, 222: 1–39.
- Ocampo, F.C. & Ballerio, A. 2006. 4. Catalog of the subfamilies Anaidinae, Ceratocanthinae, Hybosorinae, Liparochrinae, and Pachyplectrinae (Scarabaeoidea: Hybosoridae). *Bulletin of the University of Nebraska State Museum*, 19: 178–209.
- Paulian, R. 1945. *Coléoptères Scarabéides de l'Indochine. Première partie. Faune de l'Empire Français III*. Librairie Larose, Paris. 228 pp.
- Pic, M., 1930. Nouveautés diverses. *Mélanges Exotico-Entomologiques*, 56: 1–36.

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