

A NEW SPECIES OF THE GENUS *BREVICORNU* FROM CHINA (DIPTERA :MYCETOPHILIDAE)

FANG Zhi-Gang WU Hong*
(Zhejiang Forestry College, Lin an 311300)

Abstract A new species *Brevicornu loratum* sp. nov. of the genus *Brevicornu* from Gutianshan Nature Reserve of Zhejiang Province is described in the paper. The type specimens are deposited in Zhejiang Forestry College.

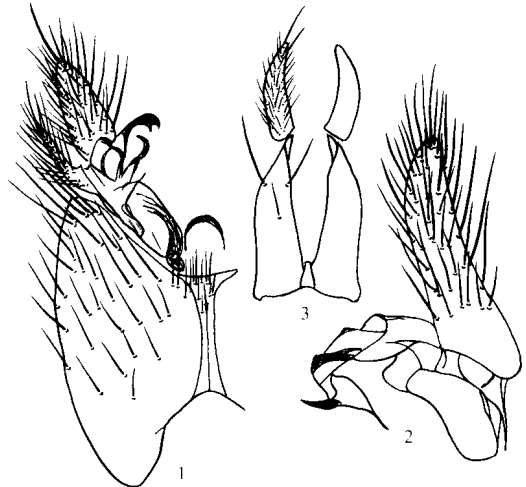
Key words Diptera, Mycetophilidae, *Brevicornu*, new species.

Diagnosis. Mesanepisternum bare. Discal bristles well developed or decumbent. Hind coxa with a single strong dark basal bristle. Costa stopping at the tip of R_5 . Base of the posterior fork usually well in front of, rarely under, that of the medial fork.

Distribution. This is a world wide distributed genus. There are nearly 40 known Palaearctic and 2 Afrotropical species. Outside the two regions, only a few Nearctic, Neotropical and New Zealand species are known. There is 1 species from China which was recorded from Sichuan by Zaitzev (1988).

Brevicornu loratum sp. nov. (Figs. 1-3)

. Wing length 2.4-2.7 mm. Head blackish brown. Antennae brown, with scape, pedicel 1st and 2nd flagella yellow, slightly shorter than head and thorax; flagellar segments 1.5 times as long as wide. Proepisternum yellow, with 2 bristles. Mesoscutum yellow, with 3 broad blackish brown longitudinal stripes. Sc ending in R. Apical part of R_5 straight. Cross vein r-m 0.7 time as long as m-stalk. Legs brownish yellow. Fore metatarsus 0.9 time as long as tibia. Middle tibia with 21a, 9p-v, 7p, 4p-d. Hind tibia with 8a, 1p, 10p-d. Abdominal tergites brown, with anterior and lateral margins of tergites 2-4 yellow. Sternites 1-3 yellow, ster-



Figs. 1-3 *Brevicornu loratum* sp. nov.

1. Male genitalia, ventral view 2. gonostylus, lateral view
3. tergite 9 and cerci

nites 4-6 brown. The male genitalia are shown in Figs. 1-3.

Holotype , Kaihua County : Gutianshan Natrue Reserve (29°16' N , 118°06' E) , Zhejiang Province , 28 Oct. 1992 , collected by WU Hong , No. 931669. Paratype 1 , the same locality as holotype , 29 Oct. 1992 , collected by WU Hong , No. 931729.

This species is similar to *Brevicornu affinis* Zaitzev , 1988 , but differs from the latter in tibia chaetotaxy and posterior margin of gonocoxipites.

REFERENCES

- Lastovka , P. and Matile , L. 1974. Mycetophilidae (Diptera) de Mongolie. Acta Zool. Acad. Sci. Hung. , **20**:93-135.
 Zaitzev , A. I. 1985. Holarctic species of the fungus gnats of the genus *Brevicornu* , groups *Fissicauda* and *Proximum* (Diptera , Mycetophilidae). Vestn. Zool. , (5) :40-47. (In Russian)
 Zaitzev , A. I. 1988. Fungus gnats of the *sericoma* , *griseicollae* and *ruficornae* species groups of the genus *Brevicornu* Marshall (Diptera , Mycetophilidae) of Holarctic fauna. Ent. Obozr. , **67**:391-404. (In Russian)
 Zaitzev , A. I. 1996. Six new species of fungus gnats of the tribe *Exechiini* from Sakhalin and Kuril Islands (Diptera , Mycetophilidae). Int. J. Dipt. Res. , **7**:67-70.

中国短菌蚊属一新种记述

(双翅目:菌蚊科)

方志刚 吴 鸿

(浙江林学院 临安 311300)

摘 要

舌形短菌蚊,新种 *Brevicornu loratum* **sp. nov.** (图 1~3)

雄 翅长 2.4~2.7 mm。本种与分布于美国的 *Brevicornu affinis* Zaitzev, 1988 近似,但后者的胫节毛序不同,生殖基节后中央的构造也明显不同,可以区别。

正模 浙江开化古田山, 1992-10-28, 吴鸿采。副模 1 , 采地同正模, 1992-10-29, 吴鸿采。

关键词 双翅目,菌蚊科,短菌蚊属,新种。

中图分类号 Q969.44