

## TWO NEW SPECIES OF THE GENUS NEOEMPHERIA FROM ZHEJIANG PROVINCE, CHINA (DIPTERA: MYCETOPHILIDAE)

WU Hong\*

(Zhejiang Forestry College, Lin'an 311300)

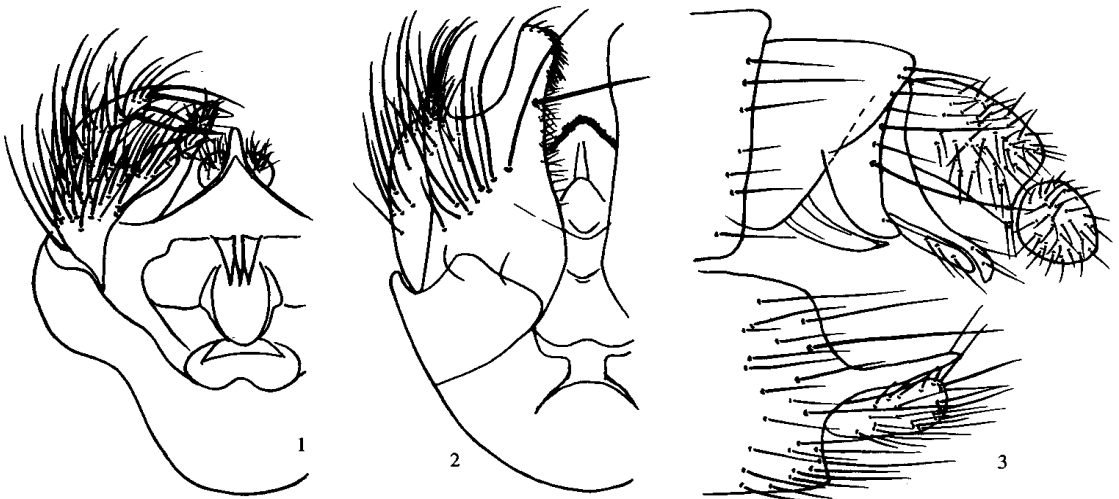
Abstract Two new species of the genus *Neoempheria*, *N. monticola* sp. nov. and *N. setulosua* sp. nov., from Zhejiang Province have been described and illustrated.

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

This paper deals with two new species of the genus *Neoempheria* from Zhejiang Province, China. The type specimens of the new species are deposited in the Insect Collections of China Agricultural University.

### 1 *Neoempheria monticola* sp. nov. (Figs. 1-3)

Wing length 3.7-3.8 mm. Palpi brown. Posterior part of head yellow, with 3 brown longitudinal stripes. Antennae yellow on basal segments, the flagellum brown, its width larger than length. Thorax yellow, mesoscutum with 1 dark brown and 2 brownish longitudinal stripes. Coxae yellow. Femora brownish yellow. Tibiae and tarsi brown. Legs ratios  $bt_1/t_1 = 0.83$ . Wing clear yellowish, with sides of  $Sc_2$ ,  $R_s$  and  $R_4$  brown, and apical one third brownish. Part of Costa extending beyond  $R_5$  for about shorter of length of  $R_4$ .  $Sc_1$  and  $Sc_2$  ending in C and  $R_1$  near base of



Figs. 1-3 *Neoempheria monticola* sp. nov.

1. male hypopygium, dorsal view 2. ditto, ventral view 3. female terminalia, lateral view

\* Present address: Department of Biology, Nankai University, Tianjin 300071

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cell  $R_1$  respectively. Cell  $R_1$  about 3.5 times as long as wide. False vein present. Cu fork before M fork. Halter brownish yellow. Abdominal tergites brown, with sides yellow. Sternites yellow. Hypopygium yellowish brown.

Wing length 4.4 mm; coloration and setosity as in male;  $bt_1/t_1 = 1.0$ .

Holotype ♀, Longwangshan Nature Reserve (30.4°N, 119.4°E), 400-500 m, Anji, Zhejiang, July 13, 1995, collected by WU Hong. Paratypes 1 ♀, 1 ♂, the same data as holotypes; 2 ♀, the same locality as holotype, 500-600 m, July 13, 1995.

This new species is similar to *N. platycera* Wu, but may be separated from the latter by tergal lateral appendage with black thick long setae apically and sternal lateral appendage with branches.

## 2 *Neompheria setulosa* sp. nov. (Figs. 4-5)

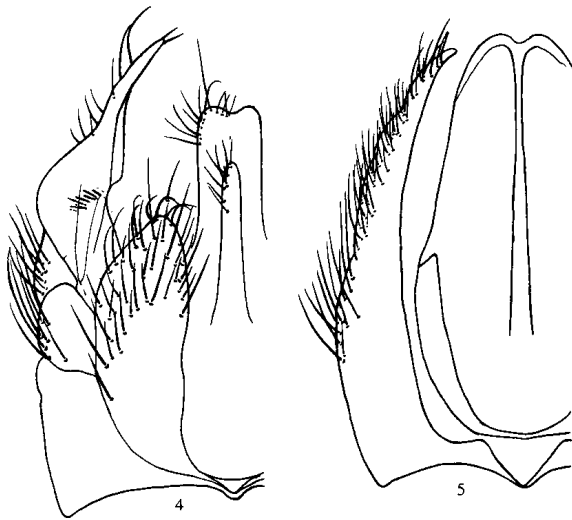
Wing length 3.6 mm. Palpi dark brown. Posterior part of head brownish. Antennae yellow on basal segments, the flagellum brownish, width larger than length. Thorax brownish yellow to brownish. Legs yellow to brownish. Legs ratios  $bt_1/t_1 = 0.88$ . Wing clear yellowish, with central spot present, and apical one third brownish. Costa extending slightly beyond apex of  $R_5$ .  $Sc_1$  and  $Sc_2$  ending in C and  $R_1$  slightly beyond apical angle of cell  $R_1$ . Cell  $R_1$  with its length subequal to width. False vein present. Cu fork slightly before M fork. Halter brownish yellow. Abdominal tergites brown. Sternites brownish. Hypopygium brownish yellow.

Unknown.

Holotype ♀, Longwangshan Nature Reserve, 500-800 m, Anji, Zhejiang, July 18, 1995, collected by WU Hong.

This new species is allied to *N. subulata* Wu et Yang, but differs from the latter by

tergal lateral appendage slender and bearing setae, without teeth apically, sternal lateral appendage long.



Figs. 4-5 *Neompheria setulosa* sp. nov.

4. male hypopygium, dorsal view 5. ditto, ventral view

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## 浙江省新菌蚊属二新种

(双翅目:菌蚊科)

吴 鸿\*

(浙江林学院 临安 311300)

摘 要

记述了采自浙江省的新菌蚊属 *Neompheria* 2 新种:山居新菌蚊 *N. monticola* sp. nov. 和具毛新菌蚊 *N. setulosa* sp. nov.。模式标本保存于中国农业大学昆虫标本馆。

关键词 双翅目,菌蚊科,新菌蚊属,新种.

中图分类号 Q969.44

www.cnki.net

\*现在南开大学生命科学学院博士后流动站工作,天津 300071