

福建省虻属姚氏虻组一新种记述

(双翅目: 虻科)

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内 容 提 要

本文记述采自武夷山自然保护区的虻属一新种: 唐氏虻 *Tabanus tangi* sp. nov. 并与近似种窄额虻 *Tabanus angustofrons* Wang, 1985 作了区别特征的比较。

关键词: 双翅目, 虻科, 虻属, 新种。

唐氏虻 *Tabanus tangi* sp. nov (图 1—5)

雌虫体长 20~22mm, 暗棕色。

头部 眼光裸有一紫色窄横带, 后头眼后黑鬃较少, 仅分布到眼后上缘 1/2 部分。前额灰黄, 金黄色毛中杂黑色毛、高约为基宽的 8.5 倍, 顶宽稍大于基宽。基胛卵圆形, 亮棕黑色, 与眼缘接触或窄分离, 长约为宽的 2~2.5 倍。中胛延线状, 伸达额高的 2/3。亚胛灰白色。中颜、侧颜及口毛均为金黄色。触角柄节棕色, 上缘着生黑色毛, 下缘着生金黄色毛, 梗节棕色, 着生黑色毛, 鞭节基环节橙黄色, 背突明显, 端环节暗黑色。下颚须棕黄色, 第一节着生金黄色细长毛, 第二节金黄色毛中杂少数黑色毛, 部分副模基部覆金黄色毛, 端部主要着生黑色毛。

胸部 暗棕色, 盾板覆暗灰色粉, 具金黄色毛和黑色毛, 3 条不明显的浅色中、侧纵线伸达盾板后缘, 背侧片侧缘密覆黑色长毛, 翅后胛具金黄色长毛簇。小盾板与盾板同色。胸侧板灰黄色, 具金黄色细长毛。足基节金黄色, 具同色毛, 股节棕色, 前股节着生金黄色毛和黑色毛, 各足胫节和跗节棕黑色, 具黑色毛。翅透明, 翅脉略带棕色, R4 具附脉, R5 室开放。平衡棒暗棕色。

腹部 背板 I—II 节棕色, 以后各节棕黑色, 具黑色毛, 背板 I—VI 节各节具金黄色后缘带和后侧缘, 背板 II—VI 节中三角斑约占节高 1/2 强, 覆金黄色粉被和同色毛, 腹板 I—VI 节棕色, 着生黑色毛, 各节具宽的金黄色后缘带。亚生殖板长 1.032mm, 基部 0.335mm, 宽 0.989mm。

雄虫不详。

本新种属于姚氏虻 (*Tabanus yao*) 组, 与窄额虻 (*Tabanus angustofrons* Wang, 1985) 相近似, 但后者下颚须着生黑色毛; 眼后鬃全黑色或仅下缘少数棕色; 额较窄, 额高为基宽的 10 倍, 基胛细长, 长为宽的 3~4 倍等特征相区别。

正模 ♀, 福建武夷山自然保护区大竹岚, 海拔 700m, 1987, VIII, 26, 副模 9♀♀, 1987,

VIII, 26, 6♀♀, 1989, VIII, 27, 采集地同正模; 12♀♀, 将乐县上山洞 1987, VIII, 15. 正模和副模 3 ♀♀存微生物流行病学研究所; 其余副模存福建省寄生虫病研究所。本新种以我国著名寄生虫学家唐仲璋教授姓氏命名, 以表敬意。

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DESCRIPTION OF A NEW SPECIES OF THE YAO GROUP OF *TABANUS* (DIPTERA: TABANIDAE) FROM FUJIFN, CHINA

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Tabanus tangi sp. nov. (fig: 1—5)

Female: Length 20—22mm.

Head: Eyes bare, with one band in life. Occipital cilia black on the upper half margins and golden—yellow on the lower margins. Frons index 1: 8.5, grayish yellow with golden—yellow and black hairs. Basal callus black—brown and oblong, 2—2.5 as length as width, narrowly separated or nearly reaching the eyes. Subcallus grayish white pollinose. face and cheeks yellow pollinose with golden—yellow hairs. Beard golden—yellow. Antennae brown, plate of flagellum orange—yellow, tyle darken. Palpus I with golden—yellow long hairs, palpus II with golden—yellow hairs mixed with black hairs.

Thorax: Scutum covered with grayish black pollinose, with golden—yellow and black hairs. Pleura and sternum gray yellow, with golden—yellow hairs. Legs: Fore coxae golden—yellow with concolorous hairs, femora brownish black with mainly golden—yellow hairs and some black hairs, tibiae and tarsi mosly with black hairs. Wing clear, vein brown, vein R₄ with a spure vein. Halteres dark—brown.

Abdomen brownish black, tergites I—VI with golden—yellow postrior margins and median triangle spots.

This new species belong to the yao Group of the genus *Tabanus*. It is similar to *Tabanus angustofrons* Wang 1985, it differs from the latter in which the palpus II are covered black bairs, occipital cilia mainly black, the narrower frons and the longer basal callus.

Holotype: Female collected from Dazhulan of Wuyi Mountain Nature Protected Area of FuJian Province. VIII. 26, 1987. Paratypes 9 ♀♀, VIII. 26, 1987; 6♀♀, VIII. 27, 1989, same the Holotype; 12♀♀, Jiangle county, VIII. 15, 1987.

Holotype ♀ and paratypes 3♀♀ are deposited in the unit of the first author and rest paratypes are deposited in the unit of the second author.

Key words: Diptera, Tabanidae, *Tabanus*, New species.

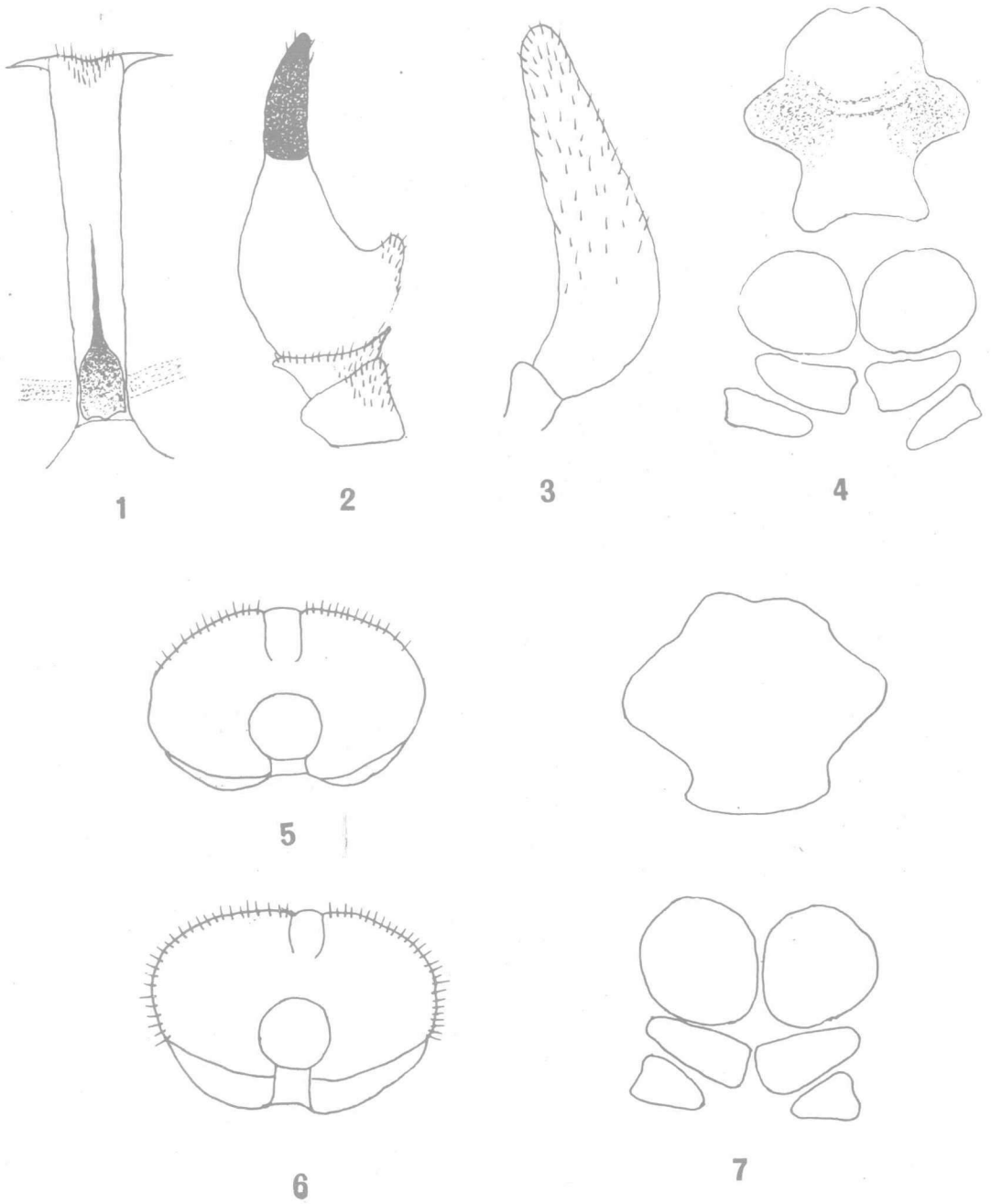


图 1—5 唐氏虻，新种 *Tabanus tangi* sp. nov.; 6~7: 窄额虻, *T. angustofrons* 1. 额 (frons), 2. 触角 (antennae), 3. 下颚须 (palpus), 4、7. 尾器 (terminalia) 5、6. 眼后鬃 (occipital cilia)

