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福建真菌蚊亚科一新属新种
(双翅目：菌蚊科)

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真菌蚊亚科目前包括9个属，其中5个属仅分布于非洲，新热带区和新北区各有1属；其余2属广布，我国现有2属，即真菌蚊属(*Mycomya* Rondani)和新菌蚊属(*Neoempheria* Osten Sacken)。我们在福建武夷山采到的一新种则是该亚科的一个新属。模式标本保存于浙江林学院昆虫标本室。

缺室菌蚊属 *Vecella* 新属

模式种：挂墩缺室菌蚊 *Vecella guadunana* 新种

属征：复眼圆形，在触角基部上方略凹；单眼2，远离复眼，单眼台发育良好；触角鞭节14节，末端略尖。中胸上前侧片与下前侧片间的缝前斜(图1)；侧背片和中背片光裸。胸足无特殊构造，胫毛排列规则，胫距1～2 ～2式；爪间突缺如。翅(图2)透明无斑纹；S_c 长，C 伸过 R_5，R_4 缺如，M 与 C 在翅基部即分离；翅膜无长毛，微毛排列不规则。

雄外生殖器宽，侧腹肢内侧有特殊构造。

分布：中国(福建)。

新属近似于真菌蚊属(*Mycomya* Rondani)和新菌蚊属(*Neoempheria* Osten Sacken)，但真菌蚊属单眼台基本不发育，复眼在触角基部处明显深凹，中基节有距或无，C 不伸过 R_5，R_4 存在；新菌蚊属触角末端钝圆，翅有斑纹，R_4 存在，R_5 与 M_1 间有1伪脉，与本新属不同[1～8]。

挂墩缺室菌蚊 *Vecella guadunana* 新种 (图1～6)

雄虫：头部的须和口器黄色；额淡褐黄色；头后部褐色，触角淡褐色。

胸部的前胸背板黄色；中胸盾片暗褐色，前缘及肩角宽黄色带，亚中黄色细纵带；中胸上前侧片黄色；中胸下前侧片淡褐色，上缘黄色；小盾片褐色，侧缘黄色，有2对长刚毛；侧背片褐色；中背片褐色，光裸。

足的基节黄色，腿节淡褐黄色，胫节和跗节淡褐色，前基节无特殊刚毛，中基节无距，$bt1 : t1 = 0.78$。

翅(图2)长2.62～3.17 mm。C 略伸过 R_5，S_c 在 R_s 基内方终于 C，S_{c2} 与 R 接触处位于 r～m 基部略内方，S_c 近端部有8～11根长毛；长毛：M 主干 O，

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1992－09－29收稿，1993－01－13收修改稿

M_1+，M_2+；Cu主干+，Cu_1+，Cu_2+。平衡棒褐色。

腹部的背板1～3与5～7淡褐色，前缘黄色，背中线前半段黄色，节4黄色，并有淡褐色斑，腹板黄色。

外生殖器(图3～6)侧背肢宽大，渐尖，中部内侧有一弯距构造，该构造端部密具侧端齿，其基部背向有一侧支伸向背方，密具端齿；侧腹肢细长，边缘生长刚毛，其内有一暗褐色构造，几与侧腹肢平行；生殖刺突扭曲不规则形，褐色至暗褐色。

雌虫：未知。

正模♂，副模3♂♂，福建武夷山挂墩，1991．Ⅹ.7，吴鸿采。

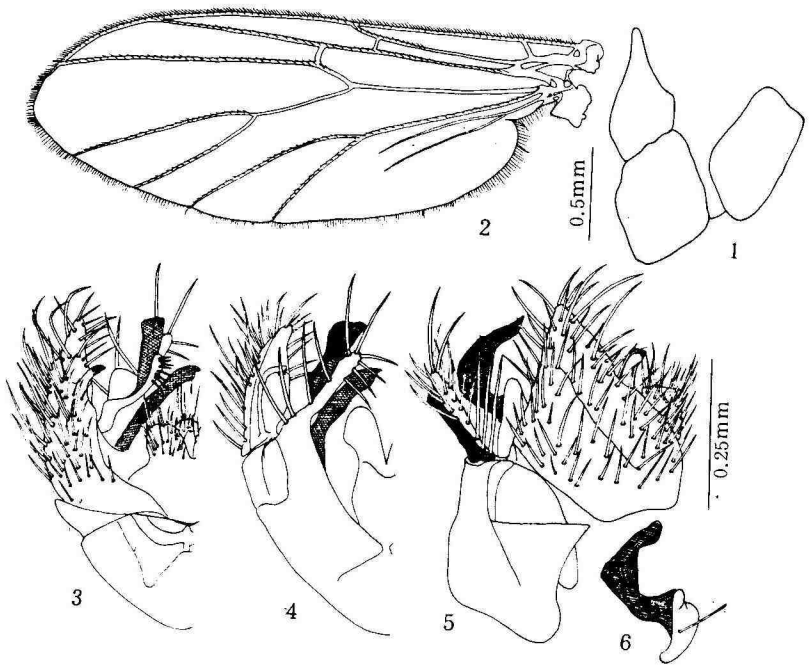

图1～6　挂墩缺室菌蚊 *Vecella guadunana* sp．nov．

1．中胸上前侧片、下前侧片和侧背片；2．翅；3．雄外生殖器背视；4．同3，腹视；5．同3，侧视；6．生殖刺突

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A NEW GENUS AND A NEW SPECIES OF MYCOMYIINAE FROM FUJIAN PROVINCE, CHINA (DIPTERA: MYCETOPHILIDAE)

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Abstract A new genus and a new species of Mycomyiinae are herein described as new to science. The type specimens are deposited in the Insect Collections of Zhejiang Forestry College.

Vecella gennov.

Type species: *Vecella guadunana* sp. nov.

Eyes rounded, slightly and indistinctly emarginated above antennal bases. Ocelli two, placed closed together, remote from eye margins. The ocellar prominence well developed. Antenna with 14 flagellomeres, apically pointed. The suture between the mesanepisternum and mesokatepisternum declining anteriorly. Laterotergite and mediotergite bare. Male middle coxa without spur. Tibia Ⅰ with 1 spur, tibiae Ⅱ and Ⅲ with 2 spurs. Empodium absent. Wing without macrotrichia on membrane and microtrichia not arranged in definite rows. Sc usually long. R_4 absent. C extending beyond apex of R_5. Male hypopygium broad. Innerpart of the sternal appendage with special structure.

Distribution: Fujian Province, China.

This new genus differs from *Mycomya* in the following characterists: ocellar prominence well developed, eyes only indistinctly emarginated above antennal bases, male middle coxa without spur, C extending beyond apex of R_5, and R_4 absent. It differs from *Neoempheria* in the antenna being apically pointed, wing without marking, R_4 absent, and without an false vein between R_5 and M_1.

***Vecella guadunana* sp. nov.** (figs. 1 ~ 6)

Male: head brown with palpus and mouthpart yellow, face and antenna brownish. Pronotum yellow. Mesoscutum dark brown, with anterior margin and lateral angle wide yellow strips, submedinal strips yellow. Scutellum brown, with 4 long scutellars. Legs yellow to brownish. Coxa Ⅰ without special setae. Coxa Ⅱ without spur. Bt1: t1 = 0.78. Wing length 2.67 ~ 3.17mm. C extending slightly beyond apex of R_5, Sc ending C before base of Rs and Sc_2 ending at R slightly before base of r−m. Apical part of Sc bearing 8 ~ 11 setulae. Macrotrichia: M petiole 0; M_1+; M_2+; Cu petiole +; Cu_1+; Cu_2+, Abdominal tergites brownish with yellowish color towards anterior margin and half medial line of tergites Ⅰ to Ⅲ and Ⅴ to Ⅶ, and tergite Ⅳ yellowish. Sternites yellow. The male hypopygium being shown as in figs. 3 ~ 6.

Female: Unknown.

Holotype ♂, paratypes 3♂♂, Guadun, Wuyi Mountain, Fujian Province, Oct. 7, 1991. ex Wu Hong.

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