

秽蝇属豹爪秽蝇新种团一新种

(双翅目: 蝇科)

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摘要: 记述秽蝇属一新种豹爪秽蝇 *Coenosia unguipardus* sp. nov., 该种应独立为豹爪秽蝇新种团 *C. unguipardus*-group, 它同白角秽蝇种团 *C. albicornis*-group 相近似, 但新种团特征是雄额三角伸延至额中部, 无外顶鬃, 触角不变短; 下腋瓣短小, 背中鬃 1+3; 足黑色, 后胫前背鬃 2; 肛尾叶和侧尾叶均细长, 阳基后突较明显等。模式标本存于沈阳师范学院昆虫研究所。

关键词: 双翅目; 蝇科; 秽蝇属; 新种; 中国

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One new species of the new *Coenosia unguipardus*-group from China (Diptera: Muscidae)

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Abstract: A new species, *Coenosia unguipardus* sp. nov., is described and illustrated from Sichuan Province, China. A new group *C. unguipardus*-group is proposed, the main characters of which are as follows: frontal triangle of male extending to middle of frons; without outer vertical bristle; antenna normal; lower squama short and small, *dc* 1+3; legs black, *t*₃ with 2 *ad*; cerci and surstyli slender, epiphallus evident. The type specimen is deposited in Shenyang Normal College.

Key words: Diptera; Muscidae; *Coenosia*; new species; China

豹爪秽蝇, 新种 *Coenosia unguipardus* sp. nov. (图 1~3)

体长 4.8 mm。

雄 复眼裸, 其后下缘不凹入; 额宽约为头宽的 0.35 倍, 向前稍变宽, 间额黑色, 为一侧额宽的 3 倍强, 额三角粉被淡灰黄色, 延伸至间额的中部; 上眶鬃 1, 下眶鬃 3~4; 侧额、侧颜和颊部粉被灰色, 侧额约等于触角宽的 3/5; 触角黑色, 第三节长为宽的 2.5 倍, 芒具短纤毛, 纤毛长约等于芒基宽; 髯角位于额角之后, 颊高约为眼高的 2/7; 下颚须基半部棕黄色, 端半部黑褐色, 约等于前颚长, 前颚长为高的 3 倍强, 喙具 3 对宽大的喙齿。胸暗黑色, 盾片粉被灰棕色, 侧板粉被灰色, 沿中鬃和背中鬃列具 3 条棕色条, 不达小盾沟; 中鬃 2 列, 呈体毛状, 背中鬃 1+3, 小盾基鬃和端鬃均发达, 前侧片鬃和前气门鬃各 2, 腹侧片鬃略呈正三角形排列。翅略带淡棕色, 前缘基鳞褐色, 前缘

刺短小, 前缘脉达 m_{1+2} 脉末端; 腋瓣淡黄色, 较小, 下腋瓣约为上腋瓣长的 1/3; 平衡棒黄色。各足转节和膝部黄色, 其余各节均暗黑, 前足和中足跗节均短于各胫节, 后足跗节约等于胫节长, 各足爪垫稍短于爪长; 前胫中位, 后鬃 1; 中股亚中位和近中位各具前腹鬃 1, 基半部具前刚毛列, 基部 2/3 具 5 根长大的后腹鬃, 近端位前鬃 1, 后背鬃 2, 中胫前背鬃 1, 中位后背鬃长大, 近中位后背鬃 2, 短小; 后股基部腹面具一些细长毛, 前腹鬃列略完整, 长度参差不等, 近中位 1 根后腹鬃长大, 亚中位后腹鬃短小, 后胫前腹鬃 2 (1 根短小), 前背鬃 2, 基半部具 3 根短小的后背鬃, 近端位背鬃 1。腹部黑色, 粉被灰色, 背面观呈长锥状, 各背板分别具 1 对大块棕色斑, 其外缘界限均不明显, 第 5 背板斑小, 痕迹状, 第 1 腹板裸。

雌 不祥。

正模 ♂, 四川天全新沟, 1 800 m, 北纬 29°

17', 东经 102°23', 1989 年 5 月 15 日, 冯炎采。

新种后足胫节前背鬃 2, 同本属其它种类均不同^[1,2], 构成一新种团。该特征近似于池秽蝇属

(*Limnospila* Schnabl, 1902), 但雄额三角伸延至额中部, 无外顶鬃, 下腋瓣短小, 背中鬃 1+3 等均不同^[3]。

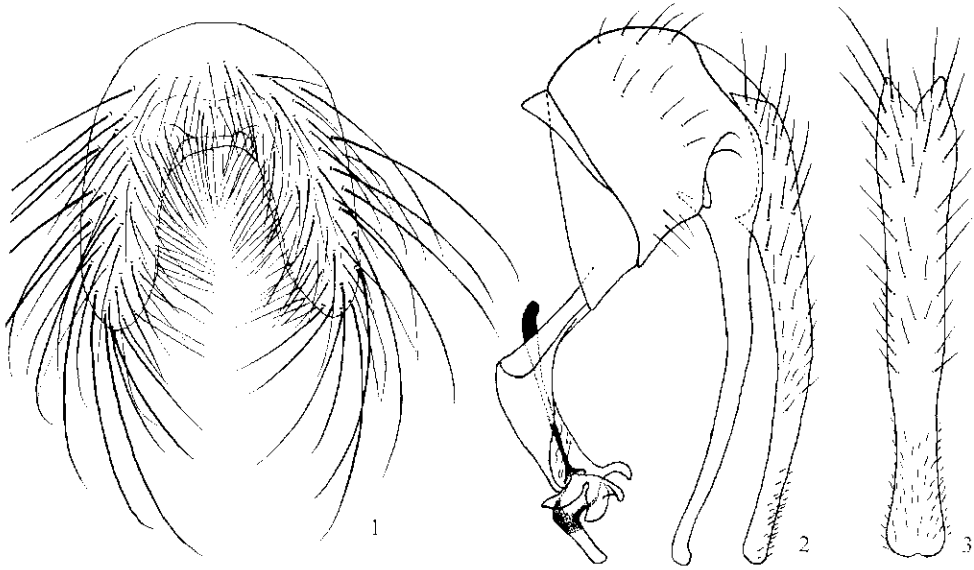


图 1~3 豹爪秽蝇 *Coenosia ungulipardus* sp. nov. ♂

1. 第 5 腹板腹面 (ventral view of 5th sternite); 2. 尾器侧面 (lateral view of terminalia); 3. 肛尾叶后面 (posterior view of cerci)

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Appendix: Brief Descriptions of New Taxa

Coenosia ungulipardus sp. nov. (Figs. 1~3)

Male Body length 4.8 mm. Interfrontalia black, parafrentalia with grey pollen, one *ors* and 3 or 4 *ori*; proboscis with 3 pairs of large dents. Ground colour of thorax black with grey-brown pollen; squamae yellowish-

white, lower squama about 1/3 times as long as upper one; legs entirely black except for trochanters and patellae which yellow, fore and mid tarsi a little shorter than their tibiae respectively. Abdomen black and long cylindrical form; 1st to 5th tergites with a pair of rotundate brown lateral spots respectively, spots of 5th tergite small, 1st tergite bare.

Female Unknown.

Holotype ♂, Tianquanxingou (29°17'N, 102°23'E), Sichuan Province, 1 800 m, May 15, 1989, by FENG Yan.

The new species is unique in its hind tibia with 2 *ad* and can be separated easily with other congeneric species.