

# 中国跳盲蝽属三新种

## (半翅目: 盲蝽科)

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跳盲蝽属 *Halticus* Hahn 的特征是体小,黑褐色,多为长卵圆形,头顶隆起,头从前面观不呈五边形;触角细长,一般长于身体,第2节为第1节的四倍以上;颊高,大于一个眼的高度;眼远离前胸背板;后足股节粗大,善跳。此类昆虫外形比较一致,难以区分,但它们雄虫抱器的形状却明显不同。文中所用长度单位为毫米。模式标本存南开大学生物系。

### 斑腿跳盲蝽,新种 *Halticus maculipes* sp. nov. (图 1, 2)

黑褐色,头顶后缘,头侧叶和眼内侧桔黄色,浅色个体头和前胸背板褐色,但唇基和颊仍为黑褐色。触角细长,长于身体,第1节、第2节大部和第3、4节的基倍黄褐色,第2节末端和第3、4节的大部黑褐。头与身体长轴垂直,高与宽相等,眼间距为眼宽的2.5部,唇基和颊突出成脊状。前胸背板光亮,无刻点,侧缘直,后侧角钝圆,后缘弯曲。前翅具黄褐色斜立毛,前缘明显向前拱,楔片端部黄褐色;膜片烟色,不透明,超过腹部末端。喙褐色,伸过后足基节。胸部腹面黑,前胸腹板桔黄;足黄褐,跗节末端和爪黑色;后足股节粗,基半色深,其下方具7—10个排列不甚整齐的黑色斑点,顶端背面也具一黑斑,并具少量长毛,毛长约与股节的粗相等。腹部黑色,闪光,具密集的金黄色斜立毛。体长2.70—3.00,最大宽1.65。头高0.80,宽0.75,眼间距长为0.45,喙长1.20,触角各节长 I:II:III:IV = 0.30:1.75:1.10:1.20。前胸背板长0.50,前缘宽0.55,后缘宽1.10。爪片长1.20,爪片端至膜片端1.30。后足胫节长1.65。雄虫抱器如图1, 2。

正模♂,配模♀,四川雅安,1963. VII. 4,作者采,副模9♀♀15♂♂,四川雅安、宝兴,作者采,四川西昌、峨眉山、青城山,1957. VII—VIII. 郑乐怡采;湖北武昌珞珈山,1957. VIII. 3,应松鹤采。

本种与褐跳盲蝽 *Halticus comitans* Josifov et Kerzhner 相似,但触角各节的长度不同;后足股节下方具一系列黑色斑点;雄虫左右抱器的形状也不同,如图1, 2, 7, 8。它与橙跳盲蝽 *Halticus bicoloratus* Kulik 也有些相似,但体非椭圆形,也非桔黄色,雄虫的左抱器则明显不同(图1, 9)。

### 黑跳盲蝽,新种 *Halticus niger* sp. nov. (图 3, 4)

头、前胸背板、小盾片,前翅及身体腹面漆黑。触角第1节、第2节大部及第3、4节的

最基部黄褐色,第2节的端末及第3、4节大部褐色。喙黄褐,基部和端部黑色,伸达后足基节。前胸背板和半鞘翅具褐色斜立毛;前翅前缘稍向前拱,楔片端部黄褐;膜片褐色,基部灰白。足黄褐色,跗节端部和爪黑色;后足股节粗,具少量长毛,端部具两个黑斑,一个位于背面,一个在外侧,内侧基半部黑褐,端部无斑。体长2.80,最大宽1.40。头高0.70,宽0.65,眼间距0.40;喙长1.10;触角各节长 I:H:III:IV = 0.30:1.40:1.10:1.20。前胸背板长0.40,前缘宽0.45,后缘宽0.95。爪片长0.80,爪片端至膜片端长1.10。后足胫节长1.70。雄虫抱器如图3,4。

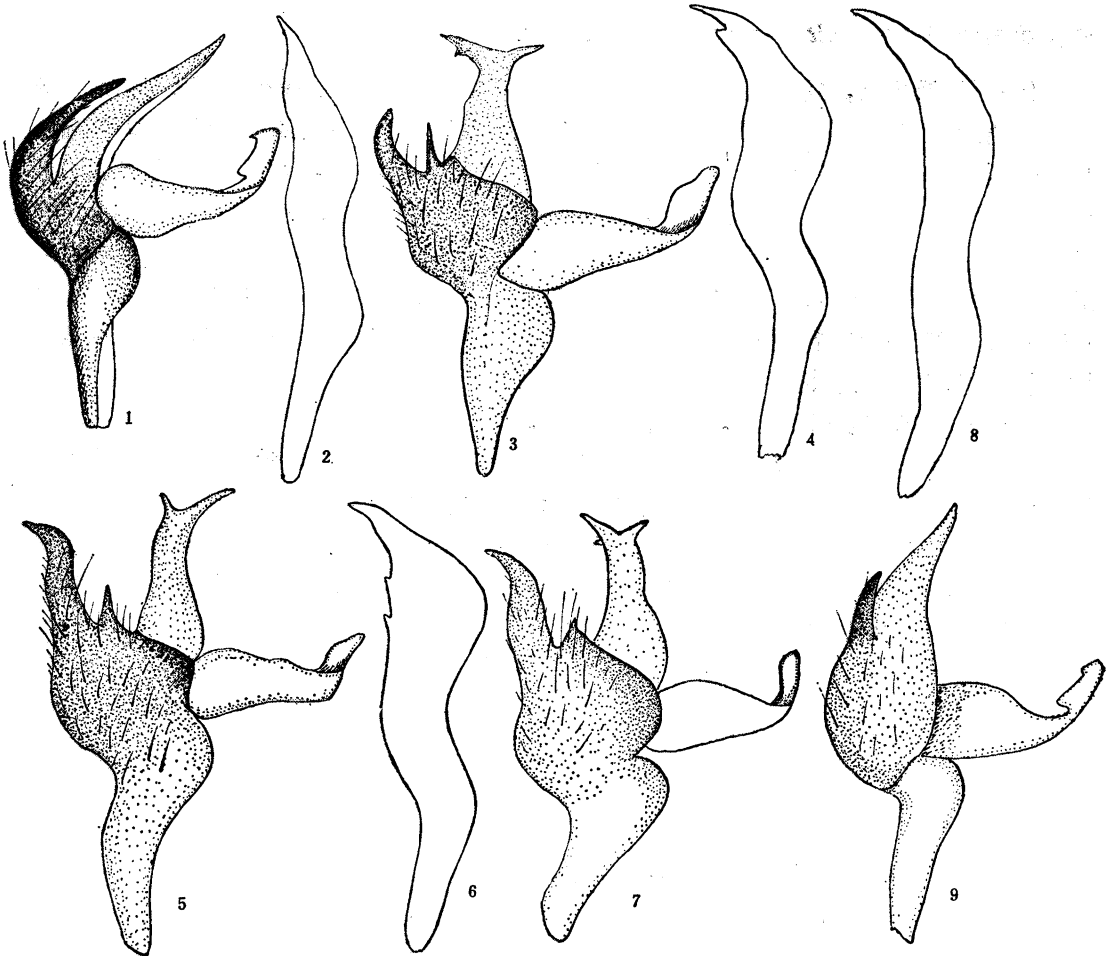


图1—2 斑腿跳盲蝽,新种 *Halticus maculipes* sp. nov.  
 1. 左抱器 (left clasper) 2. 右抱器 (right clasper)  
 图3—4 黑跳盲蝽,新种 *Halticus niger* sp. nov.  
 3. 左抱器 (left clasper) 4. 右抱器 (right clasper)  
 图5—6 斑头跳盲蝽,新种 *Halticus fuscous* sp. nov.  
 5. 左抱器 (left clasper) 6. 右抱器 (right clasper)  
 图7—8 褐跳盲蝽 *Halticus comitans* Josifov et Kerzhner  
 7. 左抱器 (left clasper) 8. 右抱器 (right clasper)  
 图9 橙跳盲蝽 *Halticus bicoloratus* Kulik  
 左抱器 (left clasper)

正模♂, 配模♀, 副模1♀4♂♂, 贵州贵阳(黔灵公园), 1983. VII. 21, 陈萍萍、作者采。

本种与褐跳盲蝽 *Halticus comitans* Josifov et Kerzhner 相似, 但体色漆黑, 头完全褐色, 雄虫抱器大致相似, 但也有些不同, 如图 3, 4, 7, 8, 后足股节外侧端部黑斑的位置相异, 基部内侧黑褐, 可与之区别。它与斑腿跳盲蝽, 新种 *Halticus maculipes* sp. nov. 的体型也很相似, 但体色漆黑, 后足股节下面无一列黑斑, 雄虫的抱器也明显不同, 如图 1, 2, 3, 4。

### 斑头跳盲蝽, 新种 *Halticus fuscous* sp. nov. (图 5, 6)

体稍长, 黑褐色, 暗淡无光。头、喙桔红色, 唇基、头顶及其后缘褐色, 眼内侧具一黄褐色三角形大斑。触角第 1 节、第 2 节基部 3/4 和第 3、4 节的最基部黄褐色, 第 2 节端部 1/4 和第 3、4 节大部褐色。前胸背板侧缘和后缘微弯, 后侧角圆, 小盾片表面平坦。前翅前缘轻微前拱, 具稀疏黄褐色斜立毛, 爪片缝深, 楔片端部黄白, 膜片烟色。胸部腹面褐色, 前胸腹板、足的基节和股节桔黄色, 胫节和跗节黄褐, 跗节末端和爪黑色。体长 2.70, 最大宽 1.30。头高 0.60, 宽 0.65, 眼间距 0.35, 喙长 1.00, 触角各节长 I:II:III:IV = 0.30:1.35:0.90:0.95。前胸背板长 0.40, 前缘宽 0.40, 后缘宽 0.95, 爪片长 0.95, 爪片端至膜片端长 1.10, 后足胫节长 1.60。

正模♂, 副模♂, 江西庐山, 1957. VII. 26, 应松鹤采。

本种与褐跳盲蝽 *Halticus comitans* Josifov et Kerzhner 相似, 但触角第 3 节和第 4 节较长; 头部在眼的内侧具一三角形黄褐色大斑; 雄虫的左抱器形状非常相似, 右抱器较宽, 近端部具齿。它与斑腿跳盲蝽, 新种 *Halticus maculipes* sp. nov. 的区别是眼内侧具三角形黄褐色斑, 股节下方无黑斑。它与黑跳盲蝽 *Halticus niger* sp. nov. 的区别是头桔黄色, 体色非黑。抱器的形状也不相同。

## THREE NEW SPECIES OF *HALTICUS* HAHN FROM CHINA (HEMIPTERA: MIRIDAE)

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This paper deals with three new species of *Halticus* Hahn from China. All measurements in descriptions are in mm. Type specimens are deposited in the Department of Biology, Nankai University, Tianjin.

### *Halticus maculipes* sp. nov. (figs. 1, 2)

Blackish-brown. Posterior margin of vertex, juga and inner margin of eyes orange. Clypeus and gena prominent. Antennae ochraceous, slender, longer than the body, apex of segment II, distal 4/5 of segment III and segment IV fuscous. Pronotum smooth,

polished, shining, with ochraceous, fine, declined pubescence, lateral margins straight, posterior angles round, posterior margin weakly sinuate. Hemelytra with ochraceous, semi-erect pubescence, costal margin prominently bending forward at middle, apex of cuneus ochraceous. Membrane fuscous, surpassing apex of abdomen. Rostrum brown, reaching metacoxae. Prothoracic sternum orange. Legs ochraceous, apices of tarsi and claws black; hind femora incrassate, with a few long hairs, 7—10 black spots on ventral surface, basal half darker, with a black spot on the dorsal distal part. Abdomen black, polished, shining, with light coloured declined hairs. Total length 2.70—3.00, maximum width 1.65; head height 0.80, width 0.75, interocular space 0.45; antennal segments length I:II:III:IV=0.30:1.75:1.10:1.20; pronotum length 0.50, posterior margin width 1.10. Male claspers as shown in figs. 1, 2.

Holotype ♂, allotype ♀: Sichuan (Ya'an), 4. VII. 1963, collected by Zou Huan-guang. Paratypes 9 ♀♀ 15 ♂♂, Sichuan (Ya'an, Baoxing, Xichang, Mt. Emei, Mt. Qing-cheng), Hubei (Wuhan).

Similar to *Halticus comitans* Josifov et Kerzhner, but the length of antennal segments different, ventral side of hind femora with a row of irregular black spots, and male genital claspers different (figs. 1, 2, 7, 8). Also close to *Halticus bicoloratus* Kulik, but body blackish-brown, not elliptical in form, male genital claspers different (figs. 1, 9).

***Halticus niger* sp. nov.** (figs. 3, 4)

Head, pronotum, scutellum, fore wings, pectus and abdomen black. Antennal segment 1, basal 4/5 of segment II, extreme basis of segments III & IV ochraceous, distal 1/5 of segment II, most parts of segments III & IV fuscous. Pronotum and hemelytra shining, with ochraceous, declined pubescence. Costal margin weakly bending forward at middle. Apex of cuneus ochraceous. Membrane fuscous, surpassing apex of abdomen, basal part grey. Legs ochraceous, hind femora thick, two black spots near the apex, one on the exterior side, the other on the dorsal side; interior side of the basal half of hind femora blackish-brown, without black spot inner apically; apices of tarsi and claws black. Total length 2.80, maximum width 1.40, head height 0.70, head width 0.65, interocular space 0.40, rostrum length 1.10, antennal segments length I:II:III:IV=0.30:1.40:1.10:1.20. Pronotum length 0.40, posterior margin width 0.95. Male genital claspers as shown in figs. 3, 4.

Holotype ♂, allotype ♀, paratypes 1 ♀ 4 ♂♂: Guizhou (Guiyang), 21. VII. 1983, collected by Chen Ping-ping & Zou Huan-guang.

This species is similar to *Halticus comitans* Josifov et Kerzhner, but much darker in colour, head entirely black, basal interior side of hind femora blackish-brown. Male genital claspers different (figs. 3, 4, 7, 8). It is also similar to *Halticus maculipes* sp. nov. in appearance and colouration, but head entirely black, thoracic sternum black, hind femora without a row of black spots on ventral surface, basal part of hemelytral membrane grey, male genital claspers distinctly different.

***Halticus fuscous* sp. nov.** (figs. 5, 6)

Closely related to *Halticus comitans* Josifov et Kerzhner, but antennal segments III & IV longer, vertex with an ochraceous triangular spot on inner side of each eye,

