

# 突额盲蝽属二新种\*

(半翅目:盲蝽科)

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红缘突额盲蝽,新种 *Pseudoloxops marginatus* sp. nov. (图1—5)

黄褐色,身体两侧具血红色宽边。头顶平,额的前部向前突出成瘤状,具稀疏黄褐色直立毛,唇基明显突出,并向后倾斜,额唇基沟宽而深,侧叶(jugum)较平,舌侧片(lora)成圆锥状突出,唇基、头侧叶和舌侧片多为红色或具红色色彩。小颊细长,喙伸过中足基节。触角第1节粗,香蕉形,血红色,内侧黄褐,具褐色斜立长毛,第2节细长,基部红,(深色个体第1节黑红,第2节淡红),触角瘤大,明显可见;眼红,与前胸背板相接,头后缘具横隆脊,但直立长毛不显著。前胸背板平,前缘和后缘弯曲,侧缘直,前缘具隆脊,胝椭圆

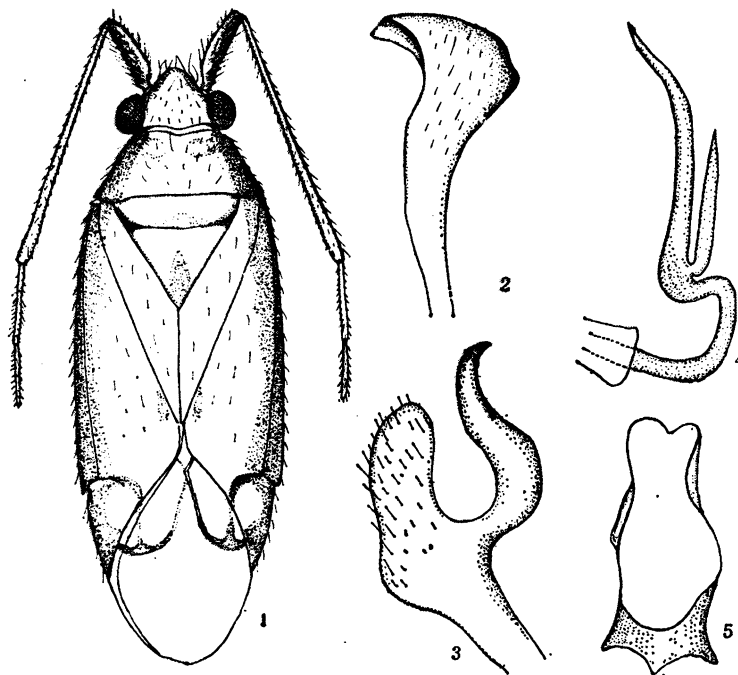


图1—5 红缘突额盲蝽,新种 *Pseudoloxops marginatus* sp. nov.

1.背面(dorsal view) 2.右抱器(right clasper) 3.左抱器(left clasper)  
4.阳茎端(vesica) 5.阳茎基鞘(phallosome)

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形,有时不显,前侧角圆,后侧角呈叶状突出,前胸两侧具血红色宽带,此带并向外延伸到前胸侧板,红带在背面的宽度与一个眼的宽相等。中胸盾片宽,两侧下凹;小盾片三角形,平坦,端部具橘红色椭圆形斑。半鞘翅前缘微弯,具黄褐色斜立长毛,爪片和革片最基部、缘片和革片的外缘血红,并形成一条前翅前缘的血红色宽边;革片的内角,接近小盾片末端有一小椭圆形橘红色斑;楔片外缘、顶角及基部的弧形边血红色;膜片半透明,翅室端部的翅脉血红色。身体腹面一色黄褐色。胸部腹面光滑无毛,足的股节具黄褐色细长斜立毛,前足和中足胫节具密集的短刚毛,后足胫节具长而直立的刚毛,毛长为胫节粗的三倍,另外尚具四列黑褐色颗粒状突起,跗节端部和爪褐色。雄虫右抱器如图 2,左抱器如图 3,阳茎端如图 4,阳茎基鞘 (phallosheca) 如图 5 所示。♂体长 3mm。头长 0.6mm,眼间距 0.25mm,触角各节长 I:II:III:IV = 0.35mm:1.25mm:0.45mm:0.35mm,前胸背板长 0.35mm,前缘宽 0.5mm,后缘宽 0.85mm,小盾片长 0.35mm,宽 0.45mm,革片长 1.55mm,头端至楔片缝长 2.25mm。

正模♂,配模♀,副模7♀♀11♂♂,广东西沙(东兴岛),1964. VI. 15—21. 刘胜利采。正模和配模存天津自然博物馆,副模存南开大学生物系。寄主植物:榄仁树 (*Terminalia catappa* L.)。

本种与 *Pseudoloxops adamsoni* (Knight), *P. tahiticus* (Knight) *P. chinensis* (Hsiao) 相似,但雄虫右抱器呈锤头状,左抱器具二叉,其一支为短宽的片状,另一支弯,呈茶壶嘴形,明显不同于其它种。它与 *P. imperialorius* (Distant) 也相似,但革片内缘黄褐色。

### 紫斑突额盲蜻,新种 *Pseudoloxops guttatus* sp. nov. (图 6—10)

底色黄白,体具密集的紫红色斑点,以致外观呈紫红色。体具长毛,毛长几与眼宽相等,头和前胸的毛褐色,直立或半直立,半鞘翅毛较短,黄褐色,毛基部均具椭圆形的紫红色斑。头黄白色,红斑稀少,前半或多或少具有红色的色彩,头顶平,额的前部稍微突出,中央具一淡红色纵纹,后缘具横隆脊,并具一列直立长毛;唇基突出,圆弧形,向后倾斜,淡红或黄褐色,头侧叶较低,舌侧片 (lora) 小瘤状,菲红;喙伸达后足基节,端半褐色。触角瘤明显,血红色,触角第 1 节粗,向端部渐细,微呈弧向外弯 (图 6),血红色,具粗而密的黑褐色刚毛,毛长于该节的粗,第 2 节细长,粗细均匀,黄褐色,第 3、4 节等粗,色深;眼黑红,不与前胸相接。前胸背板淡黄,红斑点稀少,中央具一淡红色纵纹,或无纵纹中央只具一长椭圆形红斑,前缘弯,侧缘和后缘直,前侧角和后侧角钝圆。小盾片平,末端红,两侧接近侧角处暗红色。爪片较革片色淡,两端暗红,红斑稀少;革片红斑较密,缘片、革片前缘和接近端部的区域暗红色,缘片端部血红,最末端黄白;楔片外缘、顶角和基部的弧形带血红,中部红斑较稀,色淡。半鞘翅前缘微弯,色深。膜片半透明,翅室端部的翅脉血红。身体腹面一色淡黄,股节具斜立毛,前足和中足胫节刚毛密,具少量直立长毛,后足股节端部 2/5 血红,胫节刚毛少,亦具少数长毛,另外还具四列黑色颗粒状突起,跗节端部和爪褐色。腹部两侧微红,生殖节毛较长。雄虫右抱器如图 7,左抱器如图 8,阳茎端如图 9,阳茎基鞘 (phallosheca) 如图 10。体长 3.4mm。头长 0.3mm,宽 0.7mm,眼间距 0.35mm,触角各节长 I:II:III:IV = 0.45mm:1.5mm:0.55mm:0.35mm,前胸背板长 0.45mm,后缘宽 1.1mm,小盾片长 0.45mm,宽 0.6mm,革片长 1.65mm,楔片长 0.5mm,爪片结合缝长 0.75

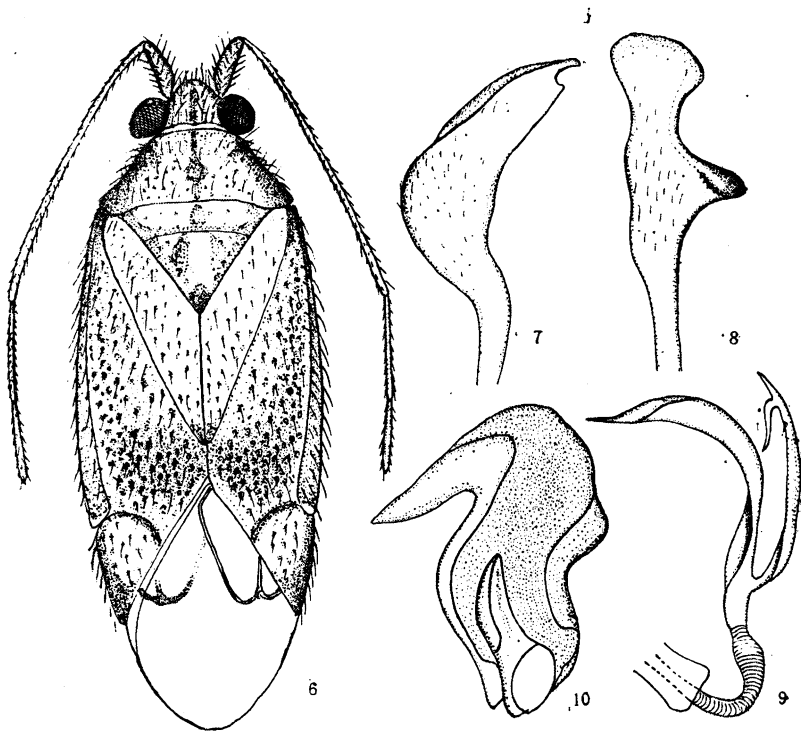


图 6—10 紫斑突额盲蝽, 新种 *Pseudoloxops guttatus* sp. nov.

6. 背面 (dorsal view) 7. 右抱器 (right clasper) 8. 左抱器 (left clasper)  
9. 阳茎端 (vesica) 10. 阳茎基鞘 (phallosome)

mm, 头端至楔片缝长 2.45mm。

正模♂, 山东泰安, 1980. VIII。配模♀, 河南安阳, 1954. VIII。副模 10♀♀ 11♂♂, 同正模和副模。寄主植物: 枣树, 桃树。

本种与 *Pseudoloxops guttulatus* Kerzhner et Muminov 相似, 但雄虫外生殖器的构造明显不同。

## TWO NEW SPECIES OF *PSEUDOLOXOPS* KIRK. FROM CHINA\*

(HEMIPTERA: MIRIDAE)

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### *Pseudoloxops marginatus* sp. nov. (figs. 1—5)

Ochraceous. Tylus, jugum and lora red or tinged with bright red. Antennal segment one except inner side, basal part of segment two, lateral one fourth of pronotum and lateral margin

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of propleuron, basal angle of clavus and corium, outer margin of hemelytron, apical veins of cells in membrane sanguineous. An elliptical spot on apex of scutellum, a small spot on the inner angle of corium bright red. Male claspers as in figs. 2 & 3, vesica as in fig. 4, phallosome as in fig. 5. Total length 3 mm, head length 0.35 mm, width 0.6 mm, interocular space 0.25 mm, antennal segments length I:II:III:IV = 0.35 mm:1.25 mm:0.45 mm:0.35 mm, pronotum length 0.35 mm, anterior margin width 0.5 mm, posterior margin width 0.85 mm, scutellum length 0.35 mm, width 0.45 mm, apex tylus-cuneal fracture 2.25 mm.

Host plant: *Terminalia catappa* L.

Holotype ♂, allotype ♀, paratypes 7♀♀, 11♂♂, Guangdong Province (Xisha), 15—21. VI. 1964. Liu Shengli leg. Holotype and allotype kept in Tianjin Nat. Mus., paratypes kept in Nankai University.

Similar to *Pseudoloxops adamsoni* (Knight), *P. tahiticus* (Knight) and *P. chinensis* (Hsiao), but claspers different. Allied to *P. imperialorius* (Distant), but inner margin of corium ochraceous.

***Pseudoloxops guttatus* sp. nov.** (figs. 6—10)

Ground color ochraceous, with dense purpureous spots and long pubescence. Head ochraceous, anterior part tinged with bright red, a central longitudinal stripe on vertex orange, with a distinct raised carina at posterior margin bearing erect bristles. Rostrum reaching metacoxa. Antennal segment one thick, slightly sinuated, sanguineous, with long dense setae. Pronotum ochraceous, sparsely covered with small red spots, centrally with a red longitudinal stripe or elliptical spot; middle part of meso-scutum and apex of scutellum sanguineous, both ends of clavus dark red; corium with denser red spots, outer margin and subapical area dark red; embolium dark red, distal part sanguineous, apex ochraceous; cuneus ochraceous, outer margin, apex and basal part sanguineous. Membrane fuscous, apical veins of cells sanguineous. Pectus ochraceous, distal half of hind femora sanguineous. Male claspers as shown in figs. 7 & 8, vesica as fig. 9, phallosome as fig. 10. Total length 3.4 mm, head length 0.3 mm, width 0.7 mm, interocular space 0.35 mm, antennal segments length I:II:III:IV = 0.45 mm:1.5 mm:0.55 mm:0.35 mm, pronotum length 0.45 mm, posterior margin width 1.1 mm, scutellum length 0.45 mm, tylus apex-cuneal fracture 2.45 mm.

Host plant: *Ziziphus jujuba* Mill., *Prunus persica* (L.) Batsch.

Holotype ♂, Shandong (Tai-an), VIII. 1980, allotype ♀, Henan (Anyang), VIII. 1954, paratypes 10♀♀, 11♂♂, same data as holotype and allotype. (kept in Nankai University).

Similar to *Pseudoloxops guttulatus* Kerzhner *et* Muminov, but the structures of male genital segment different.