

DESCRIPTION OF ONE NEW SPECIES OF GENUS *Cybocephalus* FROM CHINA (COLEOPTERA: CYBOCEPHALIDAE)

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Abstract

This present paper describes one new species, *Cybocephalus endroutyi* from Hubei province. Type specimen is deposited in the Insect Collections of South China Agricultural University.

Key words Coleoptera; Cybocephalidae; new species

Cybocephalus endroutyi sp.nov.(fig.1)

Male: Length 1.36 mm with head bent, width 0.85 mm. Body yellow to brown, with metallic sheen. Eyes dark brown, Mandibles brown, elytra brown with suture line dark brown, antenna and legs yellow.

Head broad, clypeus projected. Mandibles invisible in dorsal view. Eyes large, comparative narrow, with internal margin strong arcuate, its axis almost parallel with that of head. Surface of disc finely shagreened with considerable coarse punctures, disc as well as basal portion of mandibles with bronzing metallic sheen. Antennae yellowish, club separated distinctly from funicle. 2nd segment oval, 3rd more twice longer than broad, the subsequent ones gradually shorter; 8th broader than long.

Pronotum broad with strong convex. Lateral lobes almost vertical. Lateral margin arcuated, slight transparent than rest of the surface. Shagreen and punctures similar to those of head. Scutellum smooth, punctuations indistinctly.

Elytra convex transversely in the humeral section, where lateral portion more strongly bent ventrad, almost vertical. Suture line moderated convex in lateral view, highest behind 1/5 at apex of elytra. Front tibia slight expanded gradually from 2/5 at base, lateral angle nearly right-angled.

Sternum, abdomen and pygidium with dense, short silvery clothing of hairs.

Penis ovate, stout and short, sides almost parallel with lateral margins and slight rounded; apical process short and obtused, length 0.29 mm, width 0.27 mm. Basal plate simple, sides parallel at base, apical portion broad rounded with sparse

1994-09-09 收稿

pubescence, length: 0.30 mm breadth: 0.28 mm.

Female: unknown.

Holotype: male, Sennongjia National Nature Reserve(31N, 110.6 E), Hubei province, 16–VII–1989, Ren Shenxiang leg.

Remarks: This new species is similar to *Cybocephalus israelcus* Endrody–Younga 1984 with the longitudinal axis of eyes parallel with that of the head, but it can be distinguished from the latter by the following characters: 1) body yellow to brown; 2) apex of front tibia not truncate; and 3) the structure of male aedeagus.

The species is named in honour of Dr. Endrödy–Younga of South Africa for his outstanding contribution to the classification of cybocephalid beetles.

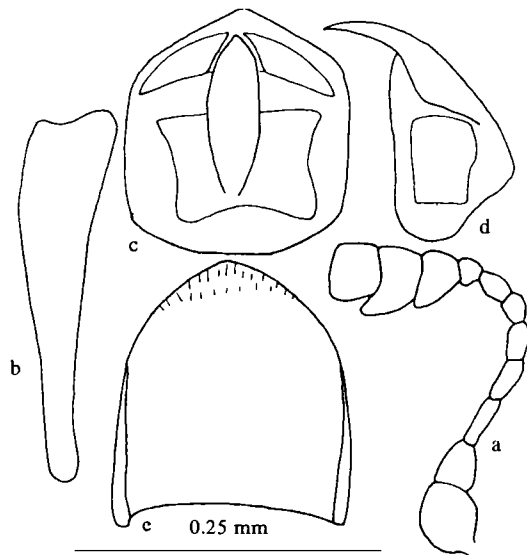


Fig. 1 *Cybocephalus endrödyi* Tian sp. nov.

a. antenna; b. front tibia; c. penis (dorsal view);
d. penis (lateral view); e. basal plate (ventral view)

中国方头甲属一新种记述(鞘翅目: 方头甲科)

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摘要 记述采自湖北神农架方头甲属一新种, 模式标本保存在华南农业大学昆虫标本室。

方茎方头甲(新种) *Cybocephalus endrödyi* Tian sp. nov.

正模: ♂, 湖北神农架自然保护区, 1989–VII–16, 任顺祥采。

本种以复眼纵轴平行于头部而与以色列甲头甲 *Cybocephalus israelcus* Endrody–Younga 1984 相似, 但新种体黄至褐色, 前胫节端部不平截, 且雄性外生殖器结构与后者明显不同。

关键词 鞘翅目; 方头甲科; 新种

中图分类号 Q969.9