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## Two new species and key to four species of the genus *Humphalotropis* from China (Orthoptera: Pamphagidae, Pamphaginae)

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Prof. Kailing Xia (1916–2013)

This paper is in memory of Prof. Kailing Xia (1916–2013), who is our career mentor and an eminent insect taxonomist, on his centenary birth anniversary.

### Abstract

Two new species i.e.: *Humphalotropis xiai* **sp. nov.** and *Humphalotropis hebeiensis* **sp. nov.** of the genus *Humphalotropis* Xiao, Yin et Yin, 2013, are described from Hebei and Jiangsu, China in this paper. The new species *Humphalotropis xiai* **sp. nov.** differs all known species of the genus by the abdomen like sawtooth in lateral view. The new species *Humphalotropis hebeiensis* **sp. nov.** is similar to *Humphalotropis culaishanensis* Lin, Cao et Yin, 2014, but differs from the latter by: lateral carinae of frontal ridge parallel; anterior margin of pronotum with acute angular in the middle, the apex reaching the hind margin of eyes; tegmina wider, cover 4/5 tympanum. Hind tibia yellow brown on upper side; epiphallus with 44 spikes, ancorae oblique inward distinctly, both posterior projections shorter than median projection. Type specimens are deposited in the Shanghai Entomological Museum, C.A.S., Shanghai and Natural Museum of Hebei University, Baoding, Hebei China respectively.

**Key words:** Orthoptera, Pamphagidae, Pamphaginae, new species, China