

NEW SPECIES AND NEW RECORD SPECIES OF
THE GENUS *TETRAMORIUM* MAYR
(HYMENOPTERA: FORMICIDAE)
FROM SOUTHWESTERN CHINA

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XU Zhenghui and ZHENG Zhemin

Institute of Zoology, Shaanxi Normal University, Xi'an, Shaanxi 710062, China

Abstract Three species new to science and one new Chinese record species in the genus *Tetramorium* Mayr are discovered and described in Southwestern China, i. e. *T. cardiocarenum* sp. n., *T. yulongense* sp. n., *T. cyclolobium* sp. n., and *T. smithi* new record.

Key words: Formicidae, *Tetramorium*, new species, new record, China

Introduction

Tetramorium Mayr is a large genus in Formicidae which contains more than 387 species. Members of the genus are widely distributing in the tropical, subtropical and temperate regions of the world. In 1985, Bolton treated *Triglyphothrix* Forel as a synonym of *Tetramorium* Mayr. According to Wheeler's (1930-1931) list and Wu's (1941) catalogue, 4 species, 1 subspecies and 3 varieties were reported from China. Bolton (1976, 1977) recorded 9 species from China in his revisionary study of Tetramoriini. Recently Wang et al. (1988) had a systematic study of the genus from China, 15 species including 4 new species and 2 new record species were described. More recently, Zhou et Terayama (1991) listed 9 species from Taiwan, China. When we study the ant fauna of Southwestern China, 3 new species and 1 new record species are discovered. To the present time, 26 species, 1 subspecies, 3 varieties of the genus have been recorded from China. The type specimens are deposited in the Insect Collection, Institute of Zoology, Shaanxi Normal University, Xi'an, China.

Measurements and indices are as defined by Bolton (1977):

Total Length (TL): The total outstretched length of the individual, from the mandibular apex to the gastral apex.

Head Length (HL): The length of the head proper, measured in a straight line from the anterior clypeal margin to the midpoint of the occipital margin, in full face view. In