

Two New Species of Egg Parasitoids (Hymenoptera: Encyrtidae) of Wood-Boring Beetle Pests from China

Yan-Zhou Zhang,¹ Da-Wei Huang,^{*,1,2} Tong-Hai Zhao,³
Hou-Ping Liu⁴ and Leah S. Bauer^{4,5}

Oobius agrili sp.n. and *Avetianella xystrocerae* sp.n. (Hymenoptera: Encyrtidae) are described from China. Morphological characters of the new species are illustrated. *O. agrili* is an egg parasitoid of the emerald ash borer *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae) and *A. xystrocerae* is an egg parasitoid of the wood borer *Xystrocera globosa* (Olivier) (Coleoptera: Cerambycidae). The two new species are potential biocontrol agents of economically important pest insects. The type specimens are deposited in the Institute of Zoology, Chinese Academy of Sciences, Beijing (IZCAS).

KEY WORDS: Hymenoptera; Encyrtidae; *Oobius agrili* sp.n.; *Avetianella xystrocerae* sp.n.; egg parasitoid; *Agrilus planipennis*; *Xystrocera globosa*; China.

Received Oct. 21, 2004; accepted Jan. 18, 2005; <http://www.phytoparasitica.org> posting May 17, 2005.

¹Inst. of Zoology, Chinese Academy of Sciences, Beijing 100080, China. *Corresponding author [e-mail: huangdw@panda.ioz.ac.cn].

²Plant Protection College, Shandong Agricultural University, Taian, Shandong 271018, China.

³Inst. of Forest Ecology, Environment and Protection, Chinese Academy of Forestry, Beijing 100091, China.

⁴Dept. of Entomology, Michigan State University, East Lansing, MI 48824, USA.

⁵USDA Forest Service, North Central Research Station, East Lansing, MI 48823, USA.