

Public Abstract

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Graduation Term:SP 2016

Department:Plant, Insect and Microbial Sciences

Degree:PhD

Title:THE AMBRYBUS STAL (HETEROPTERA: NAUCORIDAE) OF MEXICO: REVISION OF AMBRYBUS (SYNCOLLUS) LA RIVERS AND SPECIES GROUPS OF AMBRYBUS (AMBRYBUS)

Aquatic insects in the family Naucoridae are commonly known as creeping water bugs or saucer bugs. The New World genus *Ambrysus* (Heteroptera: Naucoridae) includes two subgenera in Mexico: *Ambrysus* (*Syncollus*) *La Rivers* and *Ambrysus* (*Ambrysus*) *Stål*. *Syncollus* includes nine species with mostly Neotropical distributions. The subgenus *Syncollus* was reviewed and the status of the Mexican fauna was evaluated. Six species of this group are present in Mexico; three of them were described as new in this study. In the subgenus *Ambrysus*, the *A. hybridus* Montandon species complex was revised and includes nine species distributed in North America. One of the Mexican species was resurrected as a valid species and two other were considered the same as a third species that was not well known prior to this work. The *Ambrysus guttatipennis* *Stål* species complex also was revised and includes eleven species distributed in North America. Six species of this group from Mexico were described as new.