

## MEMBRACIDAE OF GUAM

By O. H. SWEZEY

EXPERIMENT STATION, HAWAIIAN SUGAR PLANTERS' ASSOCIATION, HONOLULU

1. *Leptocentrus taurus* (Fabricius).*Membracis taurus* Fabricius, Syst. Ent., 676, 1775.*Leptocentrus taurus* (Fabricius) Stål, Analect. Hemipt., 386, 1866. Funkhouser, Cat. Hem. Membr., 428, 1927.

Umatac, March 28, Bryan; Mt. Alifan, March 28, Bryan; Ritidian Pt., April 15, 16, 22, on "pengua" and *Hernandia peltata*, Bryan; Tarague, April 19, Bryan; Yona, April 29, on cane, Bryan; Piti, April 30, on *Hibiscus tiliaceus*, Swezey and Usinger; Mt. Tenjo, May 3, on *Leucaena glauca*, Swezey; Upi Trail, May 5, Swezey; Umatac, May 28, on *Thespesia populnea*, Swezey; Tumon, May 30, on *Intsia bijuga*, Swezey; Mt. Alifan, June 19, on *Pipturus argenteus*, Swezey; Machanao, June 30, Swezey; Piti, Oct. 12, on *Glochidion marianum*, Swezey. Besides these records, this insect was observed, but no specimens taken in Asan, Nov. 2, on *Erythrina indica*, Swezey; Piti, on *Malachra capitata*, Sept. 17, Swezey.

This is the only member of the Membracidae which we found in Guam. It is commonly called the "Carabao bug" on account of its lateral thoracic horns. It is generally distributed and occurs on many kinds of trees and plants, but not numerous enough to be rated as a pest. W. D. Funkhouser has kindly verified my identification.

This insect is widely distributed in India, Ceylon, Borneo, Timor, and the Philippines. It was not previously recorded from Guam, though collected by Fullaway in 1911.