

Solenopsis corticalis Forel **binotata**, new variety

Differing from the typical form in color and in its very sparse pilosity. The color is clear yellow, with distinct fuscous spots at the sides of the first gastric segment apically.

Cuba:—San Antonio de Sul.

The variety *virgula* Forel, also from Cuba, has the head shorter than in the typical St. Thomas form and in *binotatus*, but in the description no mention is made of the color.

Solenopsis globularia F. Smith **desecheoensis**, new variety

Two workers, collected by Frank E. Lutz, given to me by Prof. Wheeler belong to an undescribed variety of *globularia*, differing from the typical form and the variety *borinquenensis* Wheeler in color. The head and body are jet black, with the antennæ and legs yellowish brown.

Desecheo Island, Porto Rico.

Wasmannia auropunctata Roger

ROGER, 1863, Berliner ent. Zeitschr., VII, p. 182, ♀, ♀, ♂.

Cuba:—Viguitas (Oriente); Mina Carlota.

Atta insularis Guérin

GUÉRIN, 1845, Iconogr. Regn. Anim., VII, Insect., p. 422, ♀.

Cuba:—Throughout the island.

With the possible exception of the black fly (*Aleurocanthus woglumi* Ashby), *Atta insularis* (known to the Cubans as "Bibijagua") is the most serious insect pest of the island. It gathers leaves from several species of plants, but chiefly from the tapioca ("Yuca") and citrus trees, especially the orange.

Solitary trees are sometimes protected by a double circle of tin at the base containing water (Fig. 8), a good protection where there are few trees. Small colonies may be exterminated by pouring carbon bisulphide in the burrows. Larger colonies are best destroyed by fumigation with sulphur fumes, forced into the nest entrance by a bellows. When this is thoroughly done it is an entirely satisfactory means of controlling the ant.

Acromyrmex (Trachymyrmex) jamaicensis Ern. André variety
maritima Wheeler

Atta (Trachymyrmex) maritima WHEELER, 1905, Bull. Amer. Mus. Nat. Hist., XXI, p. 107, ♀.

Bahamas:—Andros (Mangrove Cay); Eleuthera (Bluff).

Large series from the two localities differ from typical *jamaicensis* in the uniformly darker color.