

the postocular, with their bases midway between the anterior ocellus and each posterior one. Eyes moderately large, not prominent, scarcely protruding. Ocelli brownish-yellow, anterior ocellus slightly overhanging; posterior ocelli contiguous to light inner borders of eyes, their diameter almost three times that of the facets. Antennæ eight-segmented; segments 3-6 clavate; 7 and 8 fusiform; sense-cones long, slender, transparent. Mouth-cone reaching nearly to base of prosternum, short, broadly rounded; Labium surpassing labrum by the length of the basal segment of the maxillary palpus.

Prothorax three fifths as long as width of head, and (including coxæ) about three times as wide as long; surface finely striate; usual spines all present, slender, pointed, the pair at the posterior angles much the longest; mid-laterals very small. Pterothorax large, rectangular, two-thirds as long as wide. Wings long, reaching about to base of ninth abdominal segment. Anterior femora and tibiæ set with a number of long bristles; anterior tarsus armed with a blunt tooth.

Abdomen moderately stout, equal in width to pterothorax, widest at segment 4, from which it tapers evenly to tube. Tube slightly shorter than head, slender, and of nearly equal diameter throughout, excepting base, which is slightly expanded, and apex, which is slightly constricted; surface spinose.

Measurements: Total length, 4.00 mm.; head, length, .64-.74 mm.; width, .30 mm.; prothorax, length .18 mm., width (including coxæ) .56 mm.; pterothorax, width, .67 mm.; abdomen, width, .74 mm.; tube, length .63 mm., width at base .13 mm., at apex .07. Antennæ: 1, 76 μ ; 2, 95 μ ; 3, 185 μ ; 4, 160 μ ; 5, 150 μ ; 6, 122 μ ; 7, 65 μ ; 8, 76 μ . Total, .83 mm.

Described from two macropterous females taken at Harrisburg, Pa., March 10, "in burrows of Lepidopterous or Coleopterous larva in dead willow stem."

Although this species is apparently closely related to *M. bonannii*, Uzel, its generic position is uncertain until the male is known.

Cryptothrips rectangularis, sp. nov. (Figs. 18 and 19.)

Female.—Length about 2.7 mm. Colour nearly uniform black, excepting tarsi and third antennal segment, which are more or less blackish-brown.

Head rectangular, about one and one-third times as long as wide, sides parallel; lateral and dorsal surfaces faintly reticulate, sparsely and



FIG. 17—*M. (?) spinosus*.