

A NEW TREE CRICKET FROM STATEN ISLAND AND NEW JERSEY.

BY WILLIAM T. DAVIS, NEW BRIGHTON, STATEN ISLAND, N. Y.

In my collection of tree crickets there is a species collected on Staten Island and at Cranford, Manasquan and Farmingdale, in New Jersey, that appears to be undescribed. It resembles *Æcanthus angustipennis*, Fitch, more than any of the other native species, but may be easily distinguished from it by its larger size, the marks on the first and second antennal joints, which taken together resemble an exclamation point, and by the absence of any clouded area on the top of the prothorax. My attention was first drawn to the species by collecting three examples together on Long Neck, Staten Island, and later I found that I had some others. It has not so far been found at Lakehurst, in the pine barrens of New Jersey, where *Æ. angustipennis* is common.

Figure 7 shows the elevated black marks on the under side of the first and second antennal joints of *angustipennis*, while Fig. 8 represents

the marks as they occur in the new species, which may be more particularly characterized as follows:



FIG. 7.



FIG. 8.

Æcanthus exclamatoris, n. sp. — Pale greenish-white, including the upper surface of the prothorax, with the top of the head occasionally a little darker. Antennæ each with two elevated black marks on the under side; the one on the first joint shaped

like the upper part of an ! point. The mark on the second joint is oblong. Average length from the head to the tip of wing-covers 17 mm.; body, 12 mm.; ovipositor, 5 mm.; width of male tegmina, 5 mm.

Dr. Fitch, in 1856, mentions the black marks on the under side of the antennæ of tree crickets, and in his description of *Æ. niveus*, De Geer, he notes six varieties, three of which he names. One of these is the species *Æ. angustipennis*, Fitch, as now considered by authors; his var. "a" seems to be the new species above mentioned; "b" is probably Mr. Beutenmuller's *pini*, or possibly an example of his own *fasciatus*, and "c" is no doubt *Æ. quadripunctatus*, Beut. The other two ("e," *discoloratus*, May, 1907