

parasite which had been bred from it. The specimens were sent to him by Prof. C. H. Fernald who received them from a correspondent in California. Mr. Howard concluded his communication with a brief account of the literature of the Jumping gall.

Mr. Howard also mentioned the fact that the well known "Die-back" fungus of the Orange had been described in MS. by Mr. Ellis as *Nectria coccicola*,\* the describer having seen specimens under which were some of the common *Mytilaspis* scales of the Orange, and thereby forming the impression that the fungus was parasitic on the scales.

Mr. Smith called attention to the fact that in the group of Bombycids classed as *Attacinae* and *Ceratocampinae* the antennæ had in the ♂ two pectinations to each joint, and proposed to limit the family *Saturniidae* by this character. He explained the differences between the proportions of the branches and their relative situations, and thinks the character a very important one in classification. Two sub-families are well indicated by the fact that in the *Attacinae* the pectinations extend to the tip of the antennæ, while in the *Ceratocampinae* they extend only two thirds the distance and then end very abruptly.†

Dr. Marx read a paper on the genus *Thelyphonus*, exhibiting at the same time a careful drawing of the North American *Th. giganteus*. He stated that *Th. excubitor* Girard is simply the ♂ of *giganteus*, as the distinguishing characters of the two supposed species are precisely the same as found in the two sexes of Scorpions. *Thelyphonus* has 12 eyes, and not 8, as hitherto stated by all authors, since there are two distinct, though very small, accessory ocelli situated on each side near the externo-posterior slope of the ocellar tubercle. No poison glands could be detected on the mandible; in fact the only means of defence appears to be a very strong and penetrating odor, but the position of the odoriferous glands could not be ascertained from an examination of dried specimens.

In commenting on this paper Mr. Pergande gave the following statement as to the habits of a specimen of *Thelyphonus* sent to Dr. Riley, and kept alive for some time in a glass jar at the rooms of the Entomological Division :

---

\* Since published in *Journal of Mycology*, ii, No. 4 (1886), p. 39.

† See Proc. U. S. Nat. Mus., 1886, pp. 414-437.