

The specimens I have vary greatly in size. The largest of them measure five-twentieths of an inch in length, with an expanse of wings of seven-twentieths.

*Head*, black, deeply and closely indented (like a thimble) and set with short white bristles. Eyes, round, prominent and set high up in the head. Ocelli very small. Antennæ 9-jointed (8 in the flagellum). Walsh gives the proportions of the joints very accurately as 14, 3, 6, 5, 5, 4, 4, 4, 6. Palpi black.

*Thorax*, black, more coarsely punctured than the head. Wings hyaline, veins honey-yellow. Legs, black—the hindmost and middle pairs have the knees and extremities of the tarsi yellowish-white; the first pair have the tibiæ and tarsi honey-yellow.

*Abdomen*, in the female, large, compressed laterally, and ending in a long spur turned upward; black, smooth and polished.

The male, which was unknown to Walsh, differs from the female in these respects:—It is smaller; the joints of the antennæ, with the exception of the scape and the terminal joint, are more nearly equal; the tibiæ of the first pair of legs are considerably infuscated; and the abdomen is rounded, and diminishes regularly. Around the extremity of the abdomen are some white bristles. The head and thorax are coarsely punctate as in the females, and the abdomen is polished and glabrous.

It was too late when I obtained the galls to find the larvæ of *E. gigantea*; but I discovered several pupæ. They occupied the cells of the *Trypeta* larvæ, and were at first of a pure white waxy appearance. The form of the fly was clearly outlined in them. They gradually darkened till the flies were ready to appear.

Concerning this species, Mr. G. C. Davis, of the Michigan Agricultural College, writes to me, "I am quite sure the chalcid is *Eurytoma gigantea*, although it varies slightly in colour markings.

*Pimpla inquisitor*, Say. The male of *P. inquisitor* (*P. cælebs*, Walsh, Trans. St. Louis Acad., III., 141) is a very elegant insect, slim and graceful. Its length is three-tenths of an inch; expanse of wings, five-tenths; length of antennæ, two-tenths. It has a white face, in which it differs from the female; and the palpi are white. The first joint of the antennæ is black and much larger than the other joints, which are dark-brown. The other parts of the head are black, rough and thickly set with short whitish bristles, as are also the thorax and abdomen.

The first and second pairs of legs are orange-red, with whitish tarsi. The third pair have the femur orange, with black at the extremity. In this pair the tibia and tarsus are beautifully banded with black and white.

I obtained 10 males from about 50 *Trypeta* galls, but not one female—the females, however, are not scarce in these parts. At least half the galls were parasitised by the foes above described.