

## Subfamily DORYLINÆ.

7. *Eciton* (*Acamatus*) *leonardi* sp. nov.

*Worker.* Length 2-3 mm.

Head distinctly longer than broad, slightly broader in front than behind, with feebly convex sides and feebly excised posterior border. Eyes absent. Mandibles with 4 teeth, a prominent one at the tip and one at the base of the apical border and two smaller ones near the tip and separated by a concave diastema from the basal tooth. Antennal scapes slender at the base, but rapidly enlarging towards their tips, less than half as long as the head; funiculus not enlarged distally, joints 2-6 slightly broader than long, remaining joints at least as long as broad. Thorax less than  $\frac{2}{3}$  as broad and about as long as the head including the mandibles, slightly broader anteriorly, with distinct mesoëpinal and, in the large worker, very feebly indicated promesonotal suture, and slightly constricted at the former. Pronotum without a transverse anterior carina, about twice as long as the epinotum, in profile feebly rounded dorsally and a little higher than the epinotum; base and declivity of the latter subequal, the base with a somewhat triangular impression in the middle line at its anterior border. Petiole from above rectangular, about  $\frac{1}{2}$  longer than broad, with straight, subparallel sides, in profile convex and evenly rounded above, its ventral surface slightly concave and with a small blunt tooth anteriorly. Postpetiole broader than long, distinctly broader than the petiole, a little broader behind than in front, with straight anterior and posterior borders and rounded sides. In profile this segment appears much shorter than high and has a distinct tooth at its antero-ventral border. Gaster oval, pointed, somewhat larger than the head. Legs rather short and slender; tarsi with simple claws.

Shining; mandibles rather coarsely striatopunctate; head and prothorax covered with sparse, rather coarse, piligerous punctures; on the remainder of the body these punctures are finer and much less conspicuous. Impression at base of epinotum slightly opaque and transversely shagreened.

Hairs pale yellow, only moderately long and abundant, erect or suberect on the body, legs and scapes; shorter on the funiculi; pubescence very sparse but rather long, visible on the gaster and posterior portion of the head.

Reddish yellow; clypeal region and mandibles red, the teeth of the latter black.

Described from three workers taken by Mr. Percy Leonard on Point Loma near San Diego, California. This species belongs to the group of small *Ecitons* including *E. californicum* Mayr, *nitens* Mayr, *commutatum* Emery, *pauvillum* Wheeler and *angustinode* Emery. From *pauvillum* it is readily distinguished by its greater size, the shape of the head, mandibles and pedicel; from *angustinode* by the greater size, much broader pedicel, more slender antennæ, shining epinotum, etc.; from *californicum* by the shape of the head, mandibles and pedicel, shorter thorax and different sculpture; from *nitens* by its smaller size and the absence of a pronotal carina, the shape of the mandibles, etc.; from *commutatum* by the shape of the mandibles, more slender antennæ and much feebler mesoëpinal suture.