

*Eciton vagans* Olivier.

*Male.* Length 15–16 mm.

Head transverse, nearly twice as broad as long, very nearly as broad as the thorax; broadly arcuate behind, its anterior border broadly and arcuately excised. Eyes and ocelli rather small, the former less convex than in many species. Frontal carinæ very short, not carried up on the front or curving outward behind the antennal insertions. Mandibles long, as long as the transverse diameter of the head, flat, straight and with subparallel borders, except at the tip, which is curved and pointed, with a single large, triangular tooth about 2–3 the distance from the base to the tip. Antennæ rather slender, first funicular joint not more than half as long as the second. Thorax only moderately convex above, not overarching and concealing the head when the insect is seen from above. Mesonotum with distinct parapsidal and median longitudinal furrows. Scutellum and metanotum very convex, each longitudinally impressed in the middle. Epinotum abruptly sloping, with a blunt transverse protuberance on each side. Petiole twice as broad as long, much narrower in front than behind, deeply concave in the middle above, with prominent anterior and posterior angles, the latter projecting considerably. Gaster rather short and thick. Hypopygium terminating behind in two claw-like teeth. Hind legs long, the tips of their femora surpassing the posterior border of the second gastric segment. Claws of tarsi not dentate as in the worker.

Mandibles, head, thorax, antennæ and legs opaque, very finely and densely punctate; mandibles, head and mesonotum also with more scattered, coarser, piligerous punctures. Petiole and gaster shining, finely shagreened.

Hairs fulvous; long only on the posterior surfaces of the fore coxæ and femora, on the mandibles, head and anterior border of the scutellum; short, subreclinate and denser on the mesonotum, tip of gaster, posterior corners of petiole and ventral surfaces of middle coxæ; absent on the pronotum and pleuræ. Antennal scapes, petiole and gaster with only very short and delicate pubescence which is not sufficiently dense to conceal the surface.

Mandibles, head, scapes, thorax, petiole and gaster dark chocolate brown; funiculi, tarsi and tibiæ light yellowish brown; femora darker. Wings rather deeply infuscated, with resin-brown veins and stigma.

This form agrees in many particulars with the description of *E. dubitatum* Emery from Paraguay (Bull. Soc. Ent. Ital. XXVIII, 1896, p. 8). The shape of the mandibles is the same as is evident from comparison with Emery's figure, but there are numerous differences in sculpture, pilosity and coloration. Emery believed that his *dubitatum* might be the male of *E. vagans* Oliv. or of *E. rogeri* Dalla Torre, but in his latest contribution (Genera Insect. Dorylinæ, p. 20) he cites it only as the possible male of the latter species.