

The type is just transformed, as is proved by specimens from Alabama, which made their transformation on the same day; one has all four wings developed, one only the fore wings, and the third has all wings crumpled. Nevertheless they have all the same colours of the type, and it is to be supposed that older specimens will show a darker coloration.

I have never seen more specimens. When I published the synopsis I had before me the type of Burmeister and two specimens of *M. immaculatus*, and believed all three to belong to the same species.

*Myrmeleon formicalynx* L.

The synonymy need not be repeated here; compare Stett. Ent. Zeit., 1866, p. 439.

Face shining black, above with two impressions, which are variable in shape and size, and an engraved spot in the middle between the antennæ; around the eyes a yellow ring, interrupted near the vertex; epistoma yellow, with two black spots connected with the colour of the face; mouth yellow.

Maxillary palpi slender cylindrical, black shining, pale on tip; apical joint notched on tip, third joint incurvate; the two basal joints globular, dull yellowish, the second blackish externally; labial palpi longer and stronger, shining black; second joint incurvate, thickened on tip; last joint thick, ovoid, with an engraved spot externally before the tip, which is pyramidal, pointed.

Antennæ shorter than the thorax; tip clavate, dull black, below shining black on base; basal joint yellow, below black in middle, and with a yellow ring around the base.

Head dull black anteriorly, with rare white hairs, finely rugose, the lines diverging; vertex transversally ovoid, elevated, divided by a more or less pronounced median impression, on top with a transversal corrugated band, and some glossy flat spots; two approximate anteriorly and two posteriorly, and on each side a larger round one; behind the vertex near the eye an oval similar spot.

Prothorax short, broader than long, enlarged behind, rounded before, dull pitchy black; margin yellow except in middle anteriorly; yellowish near the thorax; on each side with some longer black hairs; mesothorax and metathorax pitchy black; the body paler,