

to be an allied form but although the head resembles that of *Ph. tisiphone* in outline, the sculpture is very different and the length of the body is only 3 mm.

***Macromischa lævissima* sp. nov.**

Worker. Length 1.6 mm.

Head, excluding the mandibles, nearly as broad as long, with feebly convex sides, rounded posterior corners and convex posterior border. Mandibles convex, with two large apical and 3 or 4 minute, indistinct basal teeth. Eyes rather large, convex, situated a little in front of the middle of the head. Clypeus, convex, with rounded, entire anterior border and a median longitudinal impression bounded on each side by a narrow, rather distinct ridge. Frontal area obsolete. Frontal carinæ short, feeble and parallel. Antennæ rather slender; scapes reaching to the posterior border of the head; funicle with a 3-jointed club as long as the remainder of the funicle; its first joint fully as long as joints 2-4 together; joints 2 and 8 as long as broad, joints 3-7 a little broader than long, joints 9 and 10 together shorter than the terminal joint. Thorax narrower and a little longer than the head with the mandibles, from above somewhat broader in front than behind, with rounded humeri, in profile evenly rounded dorsally, without sutures or constrictions; epinotum depressed and sloping, without distinct base and declivity, armed with two rather long, slender, acute spines, which are directed backward and outward and slightly upward, closely approximated at their bases and with their tips very slightly deflected. Petiole with a long, slender peduncle and an erect node at its posterior end. This node is nearly as high as the length of the peduncle, strongly compressed anteroposteriorly with rounded upper border and flat anterior and posterior surfaces, the former passing over rather abruptly into the horizontal dorsal surface of the peduncle. Postpetiole from above a little broader than the petiole, broader than long, subrectangular, nearly as broad in front as behind; in profile its node is convex though much lower than the node of the petiole. Gaster elliptical, with broadly excised anterior margin and feebly convex sides and dorsal surface. Legs rather long; middle and hind femora incrassated.

Surface very smooth and shining; mandibles, sides of clypeus and cheeks finely and sharply striated; surface of head, thorax and gaster with much scattered, minute piligerous punctures.

Hairs white, very short, erect and scattered, obtuse on the body, slender, pointed and appressed on the legs and antennal scapes.

Black, mandibles, antennæ, petiole and postpetiole dark brown; tibiæ and tarsi brownish yellow.

Described from a single specimen taken by Prof. A. Petrunkevitch at La Buena Ventura, near Santa Rosa, Vera Cruz, Mexico.

M. lævissima is the smallest known species of the genus. It is closely related to the Texan *M. subditiva* Wheeler and goes down to it in my table of *Macromischa* (Bull. Amer. Mus. Nat. Hist.