

separated flattened rugæ. Petiole red, somewhat blackish above, finely "thimble-like" punctate, long cylindrical and arcuate, the node small, the angular enlargement in middle of pedicel, when viewed from above is barely indicated; apparently without ventral tooth. Postpetiole bell-shaped, shining. Abdomen smooth and shining. Legs slender, shining, the femora very thin basally, then awl-shaped and thickened, but not as strongly as in *purpurata*, tibiæ not thickened. [Translation.]

A single worker from Cuba; (Roger).

Gundlach's locality is "Isle of Pines," in the farallones near Nueva Gerona.

Macromischa (Cresomyrmex) iris Roger

ROGER, 1863, Berliner ent. Zeitschr., VII, p. 188, ♀.

WORKER.—Length 5.5 mm.

Head green, with violet and blue reflections, not shining; thorax purple-violet with strong æneus reflection. Petiole yellowish brown, lobes and gaster as well as femora dark metallic green or brown, very shining, tibiæ, tarsi, and antennal funiculus lighter brown. Everywhere with erect, whitish pubescence.

Head rather broadly oval, densely "thimble-like" punctate. Clypeus transverse or arcuate in front, longitudinally rugose posteriorly; mandibles rugose longitudinally. Frontal area triangular, shining. Antennal fossæ small. Antennal scapes slender. Club three-jointed.

Pronotum very feebly arcuately widened at sides. Meso-epinotum somewhat compressed laterally, above feebly "roof-shaped." (Seen from above the thorax appears subequal in width throughout.) Epinotum posteriorly arcuately rounded, scarcely truncated, unarmed. The whole thorax is irregularly rugose above and longitudinally and very coarsely rugose at sides.

Petiole in front cylindrical, long, in the middle (when viewed from above), very feebly angular, posteriorly swollen into a moderately strong node; the ventral tooth appears to be absent. Postpetiole bell-shaped, both nodes smooth and shining. Abdomen smooth and shining. Femora strongly incrassate at middle; tibiæ not incrassate. [Translation.]

One worker from Cuba; (Roger).

This species was taken on the cliffs at the entrance to the Yumuri Valley at Matanzas. I searched unsuccessfully for it in the same locality.

Macromischa (Cresomyrmex) wheeleri, new species

WORKER.—Length 3.75–4 mm. (Fig. 6).

Head longer than broad, sides little convex, occipital corners very broadly rounded, border slightly convex. Mandibles with five rather stout teeth. Clypeus rounded; anterior border broadly and shallowly concave. Frontal carinæ short, only moderately divergent behind. Eyes situated at middle of sides of head. Antenna slender, their scapes surpassing the occipital corners; first funicular joint a little longer than the two succeeding joints together, the joints gradually increasing in size to the slender club; first two joints of club subequal in length, terminal joint a little shorter than the two preceding joints together. Thorax two and a half times as long as broad. Prothorax as broad as long, with rounded sides and humeri. Base of epinotum