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NEW SPECIES OF FOSSORIAL HYMENOPTERA.

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MYZINE THORACICA.

♀.—Clypeus strongly and closely punctured, carinated or angular down the middle; front with large, coarse punctures, which become sparser on the vertex and cheeks; the ocelli deeply pitted, the hind pair almost hidden; prothorax, mesopleuræ, dorsulum and scutellum with large, separated punctures, those on the dorsulum by far the largest and sparsest; metathorax above and behind entirely smooth, the metapleuræ with oblique striations; legs, especially the tibiæ, coarsely punctured, the outer side of the medial and hind tibiæ covered with strong, short bristles, and in addition with a row of stout, short spines on the outer edge, the medial and hind tarsi with long bristles and spines; anterior tarsi with the spines stout, the longest equalling the length of the first joint of that tarsus; wings flavo-hyaline, somewhat fuscous apically, the nervures testaceous; abdomen with a beautiful iridescent sheen dorsally, with fine rather close punctures, the first segment and base of the following three impunctate; on the apical portion of segments 1-3 the punctures are sparse and stronger, those on the fifth segment stronger; ventral segments on apical portion with large punctures or holes, which form on segments 1-4 a transverse row, which is produced forward into an angle medially; last dorsal segment with fine longitudinal striations. Black: mandibles, except apical portion, apex of scape, base of femora beneath, apex of fore tibiæ, the remaining tibiæ above and the tarsi. Rufous: a spot at the extreme side of clypeus, a transverse mark on front behind antennæ, interrupted medially, which extends up along the inner orbits and coalesces with the mark on the vertex—this latter extends down on the cheeks; prothorax above, except two elongate, transverse marks, two large spots on mesopleuræ, middle and outer lobes of the dorsulum in part, regulæ, scutellum, post scutellum, a large spot in middle of metanotum, a much larger one on each side of the posterior face, which extends around on the sides; the