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Some Bees from Guatemala

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SOME BEES FROM GUATEMALA.

By T. D. A. COCKERELL,
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Leptergatis wheeleri sp. nov.

Male. Length 7 mm.; closely resembling *L. armata* (Sm.), with the same greatly incrassate hind femora, but differing as follows: scape black; clypeus and labrum entirely black (although the mandibles are cream-color except apically); tegulae piceous with a subhyaline patch anteriorly; b. n. going a little basal of t. m., though there is no interval between them; abdomen rather larger, and the hair-bands ochreous-tinted; hind femora and tibiae black, basitarsi dark, red at apex; small inner tooth on hind tibia nearer the apex; thorn-like tooth on inner side of hind basitarsus smaller.

Hab.—Escuintla, Guatemala, Dec. 30, 1911 (*W. M. Wheeler*).

Xylocopa guatemalensis sp. nov.

Female. Length about 24 mm., anterior wing 17 mm., width of head a very little less than 7 mm.; entirely black, with black hair, that on inner side of anterior tarsi ferruginous; antennae dark, fourth joint with a reddish patch beneath; wings very dark fuscous, the region beyond the cells feebly greenish; labrum tridentate; clypeus with the lower margin shining, with an obtuse median tubercle; sides of clypeus with very large strong punctures, the median smooth area narrow below, above broad, with a longitudinal median groove; tubercle between antennae moderately large; ocelli in a triangle, sulcus around median ocellus failing behind; eyes converging above, so that the vertex is conspicuously narrower than the middle of the face; tegulae black; disk of mesothorax smooth and impunctate; first four segments of abdomen with small widely scattered punctures, about the same on all; fifth with closer and stronger punctures; sixth with dense small punctures; no

dorsal or ventral keel; process on outer side of hind tibia bidentate, the anterior tooth about twice as long as the posterior.

Hab.—Guatemala City, Guatemala, Dec. 1911 (*W. M. Wheeler*). Very much like Brazilian *X. rotundiceps* Smith, but distinguished by the narrowed vertex (that of *rotundiceps* is exceptionally broad) and the punctuation of the abdomen. From *X. ordinaria* Smith it is readily known by the absence of a keel on under side of abdomen.

Xylocopa wilmattæ Cockerell, ined.

Guatemala City, Dec. 1911 (*W. M. Wheeler*). Exactly like the type.

Anthophora marginata Smith.

Guatemala City, Dec. 1911, Female (*W. M. Wheeler*). New to Guatemala.

Bombus unifasciatus Smith.

Guatemala City, Dec. 1911, Female (*W. M. Wheeler*).

Eulæma mussitans (Fabr.)

Guatemala City, Dec. 1911 (*W. M. Wheeler*).