

NEW AND LITTLE-KNOWN AMERICAN BEES.

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The new species described all belong to parasitic genera.

***Cœlioxys panamensis*, n. sp.**

♂. Length about 10 mm.; black, with the legs (except coxæ), tegulæ, first abdominal segment and second laterally all bright ferruginous, under side of abdomen darker red; mandibles reddish in middle; face and front densely covered with appressed, very pale, yellow hair; eyes pale reddish, with short hair; antennæ black, with penultimate joint (except dusky apex) and basal half of last joint dull yellowish red; third joint conspicuously shorter than fourth; vertex densely punctured, but a smooth area at each side of the ocelli; mesothorax densely and coarsely punctured, the anterior margin with a bow-shaped band of pale fulvous hair; a band of similar hair posteriorly, partly on mesothorax and partly on scutellum, and a spot at each side behind the tegulæ; axillar spines long, flattened, appearing slender from above; scutellum densely and coarsely punctured, with a median carina, but no projecting tooth; mesopleura with a broad band of white hair in front and behind; wings strongly brownish; first r.n. jointing second s.m. nearly as far from base as second from apex; anterior coxæ with short, flattened spines; abdomen dorsally finely punctured, shining; hair-bands slender, tinged with yellowish; apex with slender lateral spines; slender, widely divergent, inferior apical spines; and broad, obtuse superior apical lobes, shorter than the inferior spines.

Canal Zone, Panama (*A. H. Jennings*), U. S. National Museum. Not closely related to any species known to me; in my table of males it runs near *C. sayi* and *C. hirsutissima*. The peculiarly coloured antennæ are quite distinctive.

***Cœlioxys nigrofimbriata*, n. sp.**

♀. Length about 9.5 mm.; black, with the tegulæ and legs ferruginous; the abdomen is entirely black above, but dark red (with white hair bands) beneath; antennæ entirely black; mandibles red, black at apex; face covered with erect brown hair, but the sides with white tomentum; clypeus simple; eyes red, with short hair; mesothorax surrounded with pale fulvous hair; mesothorax and scutellum with very large punctures, but the shining intervals conspicuous on disc; scutellum with a smooth median keel; axillar spines rather short, curved; wings strongly brownish; recurrent nervures equally distant from ends of second s.m.; anterior coxæ with short spines; abdomen above highly polished, sparsely punctured, with very narrow whitish hair-bands; sixth segment with very minute punctures, and a median keel; last ventral segment produced far beyond last dorsal, sharply pointed at end, not notched at sides, but densely fringed with black hair; apex of last dorsal also with black hair, but its sides before apical part fringed with white hair.

Manaos, Brazil, (*Miss H. B. Merrill*), U. S. Nat. Museum. In Schrottky's table of Brazilian species this runs to *C. amazonica* Sky., but is smaller, and apparently less densely punctured on thorax above. Schrottky also omits to refer to the more striking characters of the abdomen, present in our species, and presumably absent in his. In the tables of Holmberg and Friese it runs nearest to *C. remissa* Holmberg., but differs in the sculpture of the scutellum.