

## TWO NEW COLLETES FROM COSTA RICA.

BY MYRON H. SWENK, LINCOLN, NEBRASKA.

*Colletes niger*, n. sp.—♀. Black, shining, with long erect jet black pubescence; clypeus prominent, with coarse close punctures tending to form striæ on either side of a shallow median longitudinal depression, and with a deep transverse depression just before the sharply truncate apex; face above and on sides of clypeus much more closely and finely punctured, and covered with a long and dense pubescence which extends over the clypeus itself; vertex and cheeks very finely punctured, the former practically bare except for a tuft of long hairs in the intercellular space, the latter with abundant long hairs; ocelli pale, opalescent; occiput fringed with long erect pubescence; malar space smooth, its length about two-thirds width of mandible at base; mandibles slender and polished, deeply grooved without, notched almost at the tip, which is blunt and slightly rufescent in some lights; labrum with a rounded median pit at base; antennæ entirely glossy black, the first joint of the flagellum as long as the second and third together; no prothoracic spines; disc of mesothorax sparsely covered with erect hairs and with a few fine punctures, the pubescence becoming longer and denser and the punctuation finer and much closer on the sides, especially anteriorly; scutellum with a narrow impunctate line at base followed by a coarsely but evenly punctured surface, the postscutellum finely roughened and densely covered with long erect pubescence; base of metathorax bounded by an indistinct rim and a transverse series of rectangular pits, medially subquadrate but imperfect, laterally more perfect and twice as long as broad; enclosure funnel-shaped, shining, the neck very wide, almost as broad at base as long; sides of metathorax dull, finely roughened, rather sparsely pubescent; pleura evenly, closely and finely punctate, and with sparse, long pubescence; tegulæ black; wings long, smoky, hyaline, slightly iridescent, the nervures and stigma black; first submarginal cell about equal to second and third, which are subequal, together, the second receiving the first recurrent nervure at its middle, the third the second recurrent nervure two-thirds from the base and narrowed one-half toward the appendiculate marginal cell; legs with moderately heavy pubescence, long on anterior femora, shorter and quite dense on posterior femora where forming a pollen-carrying scopa; pubescence on inner surface of tarsi dark brownish; spurs testaceous, claws rufescent at apex; abdomen short and moderately shiny, the first segment with sparse, fine punctures, becoming closer and