

cell; the abdomen and legs are about the same, except that the light hair of the abdomen has not any distinct tendency to form patches, and is reduced almost to nothing on the third segment. Perhaps this should be referred to *Monumetha*, if that is a valid genus; but I am not quite sure whether it is really a close ally of *M. argentifrons* or an example of "convergent evolution." *O. frigida*, Sm., seems to be allied.

Hab.—Boulder, Colo., June 27, 1905. (W. P. Cockerell.)

*Osmia Novomexicana*, Ckll., was taken at Boulder, Colo., June 17, 1905. (W. P. Cockerell.) It is new to Colorado.

*Nomada ornithica*, n. sp.—♂. Length, 8 mm., or a little more; black and lemon-yellow, with some red on legs; belongs to the subgenus *Xanthidium*. Head and thorax densely and coarsely rugoso-punctate; eyes sage-green; head broad; mandibles (except apically), labrum, clypeus, supraclypeal mark (which is large, and broader than long) and lateral face-marks all yellow, except that there is a very small black spot on each side of clypeus, at the suture; labrum with a very small apical tubercle; face little hairy, but the supraclypeal area and upper part of clypeus are covered with appressed white hair; lateral face-marks triangular, following clypeus to the top, but ending bluntly and a little away from the orbital margin, a short distance below level of antennæ; lower orbital margin narrowly yellow, the stripe going a short distance up the posterior margin; scape swollen, lemon-yellow, black behind; flagellum thick, red beneath and laterally, but black above, the black more extensive on the apical joints; no sign of denticulation; third antennal joint about half as long as fourth; mesothorax coarsely rugoso-punctate, entirely black; upper border of prothorax, tubercles, tegulæ, large mark on pleura (having the shape of a bird's head and neck, the tip of the bill almost touching the tubercle), scutellum, except margins, and a short band on postscutellum, all yellow; scutellum swollen and bigibbous; meta-thorax black, with a small yellow spot on each side near the lower end; anterior coxæ without spines; legs yellow, suffused with ferruginous basally, with black on the coxæ, trochanters, and posterior femora and tibiæ behind; wings dusky at apex, stigma ferruginous, nervures more fuscous; basal nervure meeting transverse-medial; second submarginal cell twice as broad as third above; abdomen very minutely punctured, and with six broad yellow bands, the intervals between the first four black, but the hind margins of the fourth and fifth segments reddish; apical segment black basally; apical plate notched; ventral segments nearly all