

agrees with the female in having a strong constriction at the base of the second abdominal segment, and I feel assured that it is correctly assigned to it; but it has all the characters of Robertson's genus *Proteraner*, while the female will by no means agree with Robertson's definition of ? *Proteraner*. It appears that *Proteraner* was defined on characters which, in part at least, are only of specific value; either it must be redefined or else dropped. I incline to the opinion that it will prove a valid genus, but further investigation is required.

The Florissant male now assigned to *S. pecosensis* is so close to *Proteraner rhois*, Ckll., that I formerly identified a specimen as that species. On examining the types of *P. rhois*, I find a striking character not mentioned in the original description; the middle femora are much flattened and sharply keeled beneath, with a conspicuous angle near the end of the basal third. In the Florissant ♂ *S. pecosensis* all this is merely suggested by a slight flattening, and there is no definite angle.

Osmia metitia, n. sp.

♂. Length, $10\frac{1}{2}$ mm.; head blackish, with yellow-green tints; thorax very densely punctured, the mesothorax and scutellum yellow-green, the pleura and metathorax blue-green; abdomen with the first segment, especially on the hind margin, yellow-green; the other segments very dark purplish, with the hind margins shining dark bluish-green; venter dark blue; legs black, without metallic tints; face with very abundant long white hair; vertex and thorax above with pale ochraceous hair, not mixed with black, except at sides of vertex; cheeks with long black hair, ochraceous above; pleura with light hair, but a little black in front and behind; lower two-thirds of sides of metathorax with black hair, the upper third with pale; first three segments of abdomen with glittering pale hair, the rest with black, and some black at apex of third, and intermixed at sides of second and third; legs with black hair, but anterior ones with pale hair behind, and middle femora with some pale hairs beneath; tegulae shining black; wings hyaline, very slightly dusky, no strong cloud in the marginal cell; edge of clypeus a little wavy, but essentially normal; antennae ordinary, long, entirely black, third joint shorter than fourth; middle tibial spine very sharp, bent sideways; middle basitarsus normal, but the joints 2 to 4 (especially 2 and 3) swollen and broadened, 2 greatly swollen one one side; sixth abdominal segment entire, seventh bidentate; second ventral perfectly normal at apex; third deeply emarginate, the emargination fringed with orange hair; fourth broadly truncate; posterior spur of hind tibia about one-fourth longer than anterior,