

marks chrome-yellow; lateral marks small, nearly equilateral triangles, not reaching up to antennæ; no supraclypeal or dog-ear marks; mandibles yellow at base, ferruginous in middle, dark at tips; labrum dark, with a central depression; labial palpi with the first joint a trifle longer than the other three united; antennæ dark brown above, chrome-yellow beneath, including scape; front microscopically tessellate and with sparse minute punctures; mesothorax shining, but microscopically tessellate and sparsely punctured; tubercles yellow, but no other part of prothorax; tegule transparent, with a yellow spot; wings milky-hyaline, iridescent; nervures white; *stigma* very large, colourless, with a light brown margin; marginal cell rather obliquely truncate, the post-stigmatal portion the shortest; third discoidal cell distinct; legs dark, anterior knees, anterior tibiæ except a stripe behind, and middle tibiæ beneath, yellow; anterior tarsi yellowish.

Mut. *reducta*.—♀. Clypeus with two very broad black median bars, between which is left only a small yellow streak or triangle; lateral marks wanting or represented by two or three small spots; tubercles wholly dark; scape without the yellow stripe; abdominal bands narrow, not reaching lateral margins, sometimes only the first two bands well developed; venter of abdomen dark.

*Hab.*—San Diego, Calif., Aug. 4, 1901, at flowers of *Rhus laurina*, Nuttall, in the immediate vicinity of the Brandegee Herbarium. The plant was kindly identified by Mrs. K. Brandegee. There were taken four of the type, and three of mut. *reducta*, all from the same shrub. The dichroism of the species is quite remarkable.

In my tables, *P. rhois* runs to *P. bigelovia*, and is especially to be compared with *P. Crawfordi*, from which it differs by its large stigma and other characters.

While on the subject of *Perdita* the following may be placed on record:—

*Perdita callicerata*, Ckll.; Mesilla Park, N. M., June 9, 1898, one ♂ at flowers of *Atamosco longifolia* (*Zephyranthes longifolia*, Hemsley).

MR. E. S. G. TITUS wishes mention to be made that his recent articles on Bees in this magazine, Vol. XXXII., page 303, and Vol. XXXIII., pages 133 and 257, are to a large extent portions of a thesis for the Degree of M. Sc. placed on file with the Secretary of the State Agricultural College of Colorado, May 1st, 1901.