

and these two lines sordid white; t. a. line black, double, the inner portion sub-obsolete, general course nearly straight, but from the costa to median vein extending slightly inward, and from median to sub-median slightly arcuate outward, as also from sub-median to posterior margin; median shade prominent, smoky black, straight, extending from costa to posterior margin, in width .04 of an inch, a gray spot in the lower end of it, and bordered externally by the internal portion of the black annulus of the reniform, and below median venules by what seems to be a portion of the t. p. line; t. p. line obsolete save some black points between white on the veins and the arcuate black portion before spoken of, bending outward round the reniform and inward below this; sub-terminal line whitish, irregular, faintly sending gray streaks to the margin on the veins. Stigmata large; orbicular elongate transversely to the wing, black annulate with a white shading inside this; reniform kidney-shaped with the outer depression quite prominent, a prominent black border toward base of wing, but none or only slight on the outside, inside this a white bordering that extends round the spot. Outer margin a black line, fringe concolorous with the wing. Hind wings pale smoky gray, nearly uniform, slight indication of a line through the middle, fringe whitish. Thorax gray with the shoulder tufts and posterior scales black tipped. As this covering had been slightly disturbed, could not tell whether these posterior scales formed a low tuft or not, but should think they did. Under side gray, with but faint indication of marks.

Described from two females from Soda Springs, Sishyon Co., California, one in the cabinet of James Behrens, and the other in the cabinet of G. H. French, captured in September, 1885.

NORTH AMERICAN TACHINIDÆ.

GONIA.

BY PROF. S. W. WILLISTON, NEW HAVEN, CT.

The genus *Gonia* is one easily recognized by reason of its peculiar structure of the head and antennæ; unfortunately the separation of species is a much less simple matter. As is so frequently the case, isolated speci-