

frontal crest well developed, not broken; fovea minute, oval; antennae stout, much shorter than head and thorax; joints subequal; sheath narrow, elongate, regularly tapering or slightly excavated beneath, clothed with short black hairs; cerci long and narrow and not extending to the tip of sheath; claws evenly notched or nearly so; upper middle cell of hind wings projecting one-third its length beyond lower cell; venation otherwise normal. Colour black; narrow inner orbits and cheeks resinous, strongly infusate; spot between bases of antennae: mouth-parts generally, pronotum, tegulae, legs for the most part, and the central area of venter of abdomen resinous infusate; bases of coxae darker, and tarsi, especially posterior pair, more strongly infusate than the rest of the legs; sheath edged with black; veins brown; stigma and costa distinctly infusate; general surface of wings somewhat infusate.

Described from two females reared by Mr. Dyar from galls on *Salix sericea*. The species is allied to *P. californica*.

Type No. 3859, U. S. N. M.

*PTERONUS CARPINI*, new species.

*Larva*.—Dyar, Journ. N. Y. Ent. Soc., VI., June, 1898, p. 121.

*Female*.—Length, 6 mm.; rather robust, shining; clypeus very broadly and shallowly emarginate, nearly truncate; vertex roughened with coarse punctures; ocellar basin distinctly defined, with prominent walls; crest strongly bent anteriorly, scarcely broken centrally; fovea triangular, deep, with sharp limiting ridges; antennae long, very strongly tapering, joints 3 and 4 subequal, 5 scarcely shorter; sheath short, rounded at tip, slightly emarginate beneath, clothed with dark brownish hairs; claws deeply notched, rays subequal; venation normal, upper cell of hind wings slightly exceeding the lower cell, stigma very robust. Colour black; small triangle below the antennal fovea, the clypeus and other mouth-parts, pronotum, tegulae, legs for the most part, large sternal spot, and the venter of the abdomen light resinous yellow; posterior legs with the tips of their femora and tips of tibiae and all the tarsi black; edge of the abdomen dorsally and a central line, interrupted on the first and last segments, yellow; wings hyaline, veins and stigma dark brown.

Described from a specimen reared by Mr. Dyar from gregarious larvae on "ironwood," either *Ostrya virginica* or *Carpinus carolina*; taken at Fort Lee, N. J., in September. In the table of species (l. c., p. 45) *P. carpin*i will follow *P. thoracicus*.

Type No. 3859, U. S. N. M.

*PTERONUS QUERCUS*, Marlatt.

*Male*.—Length, 4.5 mm.; rather robust; structurally as in the female except that the intercostal nervure is not interstitial (nor is it quite so in the companion female); procidentia inconspicuous. Colour as in female,