

## FOUR NEW SPECIES OF PLATYMETOPIUS.

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*Platymetopius ornatus*, n. sp.

Length, ♂, 5.25 mm., of which the head occupies 1 mm.; width across base of elytra a little more than 1 mm. Vertex rather strongly obtusely angulate; width between eyes three-fourths the length at middle, which is more than twice length at eyes; the disc is evenly slightly convex. Face, viewed from the side, straight. Pronotal width two and a half times the length; the length little more than three-eighths that of vertex. Pronotum about as broad as head, the anterior margin an even curve.

Colour pale yellowish; below brighter and unicolorous, except for a few dark arcs on summit of front. Vertex with a double dark spot at tip and three abbreviated dark transverse bands crossing the median line at equal intervals back of it. Pronotum with two abbreviated transverse lines anteriorly, and several irregular dark markings laterally. Scutel with the transverse impressed line black and having each end connected with the base by a black band. Elytra smoky, back of the transverse veins with many small white spots, and three larger ones on the costa in the vicinity of the recurved costal nervures; membrane clear smoky. Valve not exerted, plates small, broad at base, suddenly narrowed beyond middle into slender acute points.

Described from one male in the National Museum; taken at Horace, Kansas, July 28, 1891.

*Platymetopius Oregonensis*, n. sp.

Length, ♂, 5 mm. Head rather short and distinctly narrower than pronotum. Vertex rather acutely angulate; width between eyes two-thirds the length at middle, which is about twice the length at eyes; disc broadly subsulcate medially. Face, viewed from side, nearly straight, very slightly concave above. Width of pronotum two and one-third times the length, the latter five-sevenths that of vertex; the anterior margin of pronotum recurved behind eyes.

Colour ferruginous, paler below, where there are no dark markings except a few faint arcs on summit of front. Vertex with a small light dash at apex; its disc, together with the pronotum and elytra, minutely irrorate. Elytra with a few small round white or hyaline spots scattered over the surface; partially transparent along costa and around apex; one or more of the inner apical veins dark. Valve very large and bluntly

triangular. Plates twice the length of valve, tapering to narrow points, the sides incurved at middle.

Described from two males, one collected at Ashland, Ore., the other at Portland, Ore., both during September, 1897, by Prof. A. P. Morse. Near *acutus*, but the vertex is shorter, the pronotum without light vittæ, the elytra with fewer white spots, and colour beneath much lighter.

*Platymetopius tenuifrons*, n. sp.

Length, ♂, 5.5 mm. Head long, unusually narrowed beyond the eyes, and distinctly narrower than pronotum. Vertex strongly produced, suddenly narrowed beyond eyes, point blunt; width between eyes about half length at middle; disc broadly medially sulcate. Face, viewed from side, strongly concave above. Pronotal width two and one-fourth times the length, the latter less than two-thirds that of the vertex. Anterior margin of pronotum recurved behind eyes.

Colour ferruginous, thickly and very finely irrorate throughout, including the face, which is darkened towards its summit. Point of vertex with a black dot on either side of tip. Scutel with a faint white longitudinal line on either side. Elytra with one or two small round white spots in each of the cells back of apical; the apical veins and about twelve recurved nervures darkened. Valve large, broadly rounded behind. Plates short, about as long as valve, and rapidly narrowed to acute points.

Described from one male in the Herbert H. Smith collection, taken at Chapada, Brazil, in May. Resembles *fuscifrons* in the deeply coloured face, but is much larger and with a far longer vertex, besides differing otherwise.

*Platymetopius latus*, n. sp.

Length, ♀, 5 mm. Vertex very long, as long as twice the width between eyes, the median sulcus becoming very broad towards tip.

Colour clear pale ferruginous, below with the entire face paler. Sulcus on vertex darkened by fine longitudinal vermiculations. Pronotum, scutel and most of elytra unicolorous, without markings of any sort, except a few fine brown dots in internal apical cells of elytra, and about eight small recurved brown dashes along costa. Legs entirely without markings. Last ventral segment twice length of preceding, the hind margin rather narrowly, but evenly, rounded.

Described from a single female collected by myself in the foothills near Fort Collins, Colorado. This species is nearest *acutus*, but has a much longer vertex, entirely lacks any markings on pronotum or disc of elytra, and has the elytra more widely flaring at the sides than in that species.