

NEW SPECIES OF COLLETES.

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Colletes Vierecki, n. sp.—♀. Length, 11–12 mm. Shining black, form stout, body almost bare. Clypeus slightly convex, not sulcate, closely striato-punctate, sparsely clothed with short, pale pubescence. Supraclypeal area convex, shining and impunctate medially, and with crowded punctures on the margins. Face crowded with good sized punctures, and with very short, erect, pale pubescence. Antennæ black, the flagellum more or less dull brownish beneath, the scape deeply punctured, joint 3 a shade shorter than 4, decidedly shorter than 5 and the following, which are shorter than wide. Malar space practically lacking, at most a mere line. Mandibles rufous beyond middle, tip very acute, notch large and nearly one-fourth its length from tip. Labrum shining, concave, a large, round, median excavation bounded on each side by a subtriangular one, which occupies most of the remaining space, and is indistinctly crossed by some weak ridges. Cheeks rather coarsely and closely punctured except around the orbits, their pubescence very sparse and whitish. Vertex shining and polished, anteriorly depressed by elongated foveæ, finely and sparsely double punctured, its pubescence fairly long, pale and black intermixed, the former predominating posteriorly, the latter between ocelli.

Prothoracic spine distinct, sharp, broadly subtriangular. Pubescence of a broad anterior thoracic border, mostly grayish-white, and very short and thin, dense on a grayish mat on tubercles; that on entire disc mostly black, of very scattered, short, bristle-like hairs not nearly concealing the surface; a black scutellar fringe followed by a pale one, and longer pale grayish hairs on postscutellum and down the sides of metathorax. Mesothorax anteriorly with a median impressed line and coarse, very close punctures, becoming more separated posteriorly, decidedly more so on a very small disc. Scutellum shining, very coarsely and quite closely studded with round punctures, postscutellum with fine cancellate punctures. Pleura with very large, coarse, striate punctures. Superior face of metathorax well defined by a rimmed angulation, and with the usual shining pits square medially, enclosure polished, approaching the T shape because of the very wide base and narrow bowl, the former of these convex with lateral ridges, and the latter with indistinct transverse rugæ, the surrounding areas shiny, sparsely punctured and irregularly feebly