

STELIS atrorubens L. O. Williams, sp. nov. (pl. 32, figs. 4–8).
Herbae epiphyticae, caespitosae, parvae, usque ad ca. 18 cm. altae.
Folia petiolata; lamina elliptica vel elliptico-oblongata, obtusa.
Inflorescentia densiflora, quam folia longiora. Sepala basi connata,
rotata, triangularia, acuta. Petala suborbicularia, carnosae. Label-
lum obscure trilobatum, oblongum vel oblongo-ovale, carnosum.

Small caespitose epiphytic herbs up to about 18 cm. tall. Secondary stems 1.5–3.5 cm. long, slender, covered with sheaths. Leaves 6–9 cm. long, petiolate, much longer than the secondary stems; lamina about 4–6.5 cm. long, 0.5–1 cm. broad, elliptic to elliptic-oblongate, obtuse, fleshy; petiole 2–3 cm. long. Inflorescence up to 15 cm. long, upper half more or less densely flowered; bracts about 2 mm. long, infundibuliform, acute, scarious. Sepals connate at the base, rotate, 2–2.5 mm. long, 1.5–2 mm. broad, triangular, acute, 3-nerved. Petals about 0.75 mm. long, 0.75 mm. broad, suborbicular, 1-nerved, the terminal part thickened, fleshy. Lip 1–1.5 mm. long, 0.5–0.6 mm. broad, obscurely 3-lobed, oblong or oblong-oval, basal part of the lip oblong, somewhat concave, fleshy, terminating into two small, suberect lateral lobes,—terminal lobe of the lip about 0.5 mm. long, suborbicular, strongly concave, fleshy.—COCLÉ: vicinity of El Valle, alt. 600–1000 m., Dec. 8, 1938, *Allen 1234*; hills north of El Valle de Antón, trail to Las Minas, (flowers maroon), Dec. 2, 1941, *Allen 2876* (Herb. Ames, TYPE).

Stelis atrorubens is allied to *S. montana* L. Wms., but differs in several details. The flower parts of *S. montana*, a species not previously illustrated, are figured in pl. 32, figs. 9–12, for comparison.

STELIS MONTANA L. Wms. in *Ann. Mo. Bot. Gard.* **27**: 272. 1942.—
Figures of this distinctive and unusual species are given in pl. 32, figs. 9–12.