

Dimerandra carnosiflora Siegerist, *sp. nov.*

TYPE: Peru. Prov. Bagua; Dept. Amazonas. Hutchinson 1542 (AMES!) Holotype. (F!, UC!) Isotypes.

Plantae epiphyticae, erectae; caulibus suberectis, arcuatis, flexuosis; foliis linearibus, apice paululo inaequaliter rotundatis; inflorescentiis fasciculatis, ad 5, paucifloris; bracteis ovato-lanceolatis, acuminatis, cymbiformibus; floribus carnosis; sepalo postico lanceolato-elliptico, acuminato; sepalis lateralibus ovato-lanceolatis, subfalcatis, acuminatis; petalis late ellipticis, acutis; labello e cuneata basi subquadrato-spathulato, truncato, disco multilamellato in 3 lineas, utrinque callo bicruri donato; columnae alis ovato-lanceolatis, acuminatis.

Epiphytic, erect plants, up to 25 cm. tall; roots rather slender, glabrous; stems suberect, arcuate, flexuous, completely enclosed in tightfitting, imbricating sheaths; leaves linear, rounded at the somewhat unequally lobulate apex, up to 8 cm. long, 6 mm. wide; inflorescences fasciculate, 3 to 5, short, up to 1.5 cm. long, few flowered; bracts ovate-lanceolate, cymbiform, acuminate, up to 3 mm. long; flowers fleshy with spreading segments; dorsal sepal narrowly elliptic-lanceolate, acuminate, 17 mm. long, 5 mm. wide; lateral sepals obliquely ovate-lanceolate, subfalcate, acuminate, up to 17 mm. long, 5 mm. wide; petals from a somewhat cuneate base broadly elliptic, acute, up to 18 mm. long, 10 mm. wide; lip from a cuneate base subquadrate-spathulate, truncate, occasionally lobulate; callus multilamellate in 3 rows, with an additional forked ridge on each side, up to 18 mm. long, 12 mm. wide; column 7 mm. high with ovate-lanceolate, acuminate lobes to the clinandrium; pedicellate ovary up to 4 cm. long.

DISTRIBUTION: **Peru.** See above. — **Brazil.** AMAZONAS; Boca do Acre, Rios Purus & Acre. Prance *et al.* 2581 (US!).

FIELD CHECK: Flowers fleshy; lateral sepals falcate; petals broadly elliptic; lateral ridges forked.