

Dimerandra latipetala Siegerist, *sp. nov.*

TYPE: Nicaragua. Prov. Chontales; Santo Tomas. Atwood & Neill 7030 (AMES!) Holotype. (SEL!, UC!) Isotypes.

Plantae epiphyticae, erectae; radicibus filiformibus, flexuosis, glabris; caulibus erectis, cylindraceis, fractiflexis, foliosis; foliis lanceolatis, rigidis, apice oblique bilobis; inflorescentiis succedaneis, abbreviatis, paucifloris; floribus speciosis, patentibus; sepalo postico ovato-lanceolato, acuto; sepalis laterilibus ovato-lanceolatis, acutis vel acuminatis; petalis e cuneata basi late rhombeis, acutis; labello e cuneata basi obtrapezoideo, antice bilobo, disco multilamellato, in lineis ternis valde approximatis producto; columna cylindrica, apice bialata; ovario cylindrico, longe pedicellato.

Epiphytic, caespitose plants, up to 20 cm. tall; roots filiform, flexuous, glabrous; stems approximate, cylindrical, from a bulbous base erect, sinuously fractiflex, leafy; leaves articulate with the tightly appressed sheaths, lanceolate, rigid, conduplicate at base, obliquely bilobed at apex with rounded lobes, up to 8 cm. long, 1 cm. wide; inflorescences produced in succession, very short, few-flowered; bracts ovate-cucullate, concave, acute, up to 3 mm. long; flowers produced in succession, 1-3, showy with spreading segments, rose-magenta in color; dorsal sepal ovate-lanceolate, acute to acuminate, up to 13 mm. long, 5.2 mm. wide; lateral sepals obliquely ovate-lanceolate to elliptic-lanceolate, acute to subacuminate, up to 14 mm. long, 5 mm. wide; petals from a cuneate base broadly rhombic, acute with rounded angles on each side, up to 13 mm. long, 9 mm. wide; lip slightly adnate to base of column, from a cuneate base obtrapezoid with rounded angles, distinctly bilobed in front provided with a short central apicule; disc before the callus prominently cochleate; callus consists of 3 rows of tightly approximate lamellae confluent in front, on each side with an additional tuberculate ridge; whole lip up to 13 mm. long, 13 mm. wide; column cylindric terminated by 2 erect, quadrate ears pointed in front, rounded dorsally, up to 6 mm. long; pedicellate ovary cylindric, up to 3.5 cm. long.

DISTRIBUTION: **Guatemala.** DEPT. IZABEL; Río Dulce. Hamer A305! Photograph. **Nicaragua.** PROV. CHONTALES; Río Micca. Heller 7824B (drawing) (SEL!). **Costa Rica.** PROV. SAN JOSÉ; Puriscal. Alfaro 221 (US!). — PROV. GUANACASTE; Tilarán. Standley & Valerio 44214 (AMES!). **Panama.** PROV. DE HERERA; Las Minas. Stern, Eyde & Ayensu 1791 (MO!, US!). Between Canal Zone & Colón. Standley 30302 (AMES!, US!). — PROV. PANAMA; E. of Río Tecumen. Standley 30448 (AMES!, US!). Chagres. Fendler 332 (AMES!, MO!). — CANAL ZONE; near Summit. Standley 29501 (US!). — PROV. VERAGUAS; near Bigis and San Juan. Dodge, Steyermark & Allen 16586 (AMES!). **Colombia,** DEPT. ANTIOQUIA. Escobar s.n.! Photograph.

FIELD CHECK: Lip obtrapeziform, *i.e.* wider near base than towards apex. Petals broadly rhombic.

OBSERVATION: Color illustration in American Orchid Society Bulletin 38: 67, 1969, published as *Epidendrum stenopetalum* Hook. belongs here. Hamer in Icon. Pl. Trop. pt. 13: t. 1013A, 1985.