

30. **DICHAEA MUYUYACENSIS** Dodson, sp. nov.

Orig. coll.: El Oro: Cord. Mollopungo, Muyuyacu, road east of Río Chico, 1100 m, August 1990, *Hirtz 4901 et al.* (QCNE - holotype).

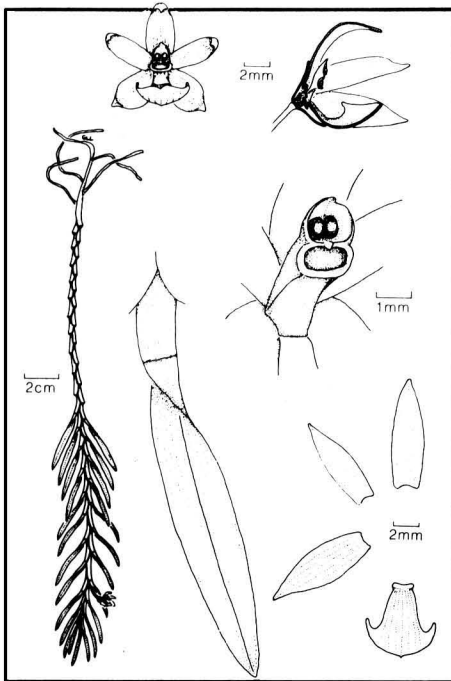
Other specimens seen: Esmeraldas: Lita to San Lorenzo, km 40, 260 m, 12 May 1990, *Dodson 18234 et al.* (RPSC). Pichincha: La Concordia to Puerto Quito to Pedro Vicente Maldonado, 600 m, 10 July 1991, *Dodson 18744 et al.* (RPSC, AMES). Without locality: SEL 79-447 (SEL).

*Similis Dichaeae muricatae* (Sw.) Lindley, a qua distinguitur venis transversis in foliis deciduis, labello ornato tuberculis interne circum marginem apicalem et stigmatem magno sub quo protenditur ligula glabra triangularis.

**ETYMOLOGY:** Named for the locality from which the type was collected.

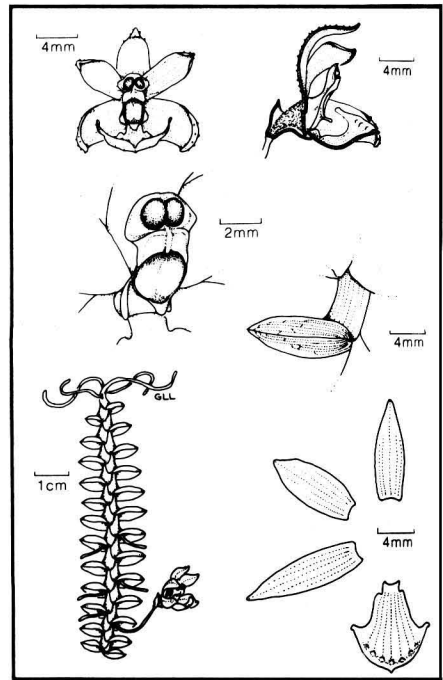
Epiphyte. Stems pendant, simple or branched toward the base, 10 to 30 cm long, concealed by imbricating, sheathing bases of the leaves. Leaves distichous, dense, horizontally spreading, not articulated, dark green, elliptic-oblong, obtuse, apiculate, with cross-veins between principal parallel veins, to 10 x 5 mm. Inflorescences axillary, 1-flowered, suberect, longer than the leaves, peduncle filiform, to 2 cm long. Ovary and capsule densely muricate. Flower pale pink, sepals and petals heavily flecked with blue, lip white spotted with blue, the column and anther white. Sepals free to the base; dorsal sepal narrowly ovate, acute, concave, to 10 x 4 mm; lateral sepals narrowly ovate, acute, concave, loosely connivent with the underside of the lip, to 10.5 x 3.8 mm; petals ovate-elliptic, acute, spreading, to 9 x 4 mm; lip anchor-shaped from a short, quadrate claw, the base of the blade truncate, expanding to acute, retrorse lobes, with a series of 7 to 9 raised tubercles located just inside the distal margin, apex apiculate, the blade 7.5 x 7.5 cm; column short, stout, clinandrial-hood hardly-developed, sigma very large with a glabrous, blunt, triangular, erect ligule; pollinia 4, yellow, ovoid, attached to a short stipe. Floral odor not detected.

**NOTES:** This species is distinguished by the pendant habit of the plant, the presence of cross veins in the nondeciduous leaves, the lip with tubercles



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around the inner margin of the apex, and the large stigma with a glabrous, blunt, triangular ligule on the underside. This may be the same species as that referred to as "*Dichaea tuberculilabris* Folsom, sp. nov. in. ed.", in the Doctoral Dissertation of James Folsom presented at the University of Texas at Austin, 1987, which has not been published.

**ETIMOLOGIA:** Derivado del nombre del lugar de procedencia del tipo.

**NOTAS:** La especie se distingue por el hábito péndulo de la planta, la presencia de nérvulos reticulados, el labelo adornado con tubérculos por el borde interior del ápice, y el estigma grande, y portador en la cara inferior de una ligula triangular, roma, glabra. Es posible que sea ésta la misma especie que figura como "*Dichaea tuberculilabris*" Folsom, sp. nov. in. ed., en la tesis doctoral, inédita, de James Folsom, presentada en la Universidad de Texas en Austin, en 1987.