

7. **PACHYPHYLLUM DALSTROEMII** Dodson, sp. nov.

Simile *Pachyphylli peperomoidis* Kraenzl., sed ab eo distinguitur foliorum limbis oblongis apice obtusis, alis columnae liberis a labello sed sessilibus, subquadratis cum expanduntur, et labello obovato cum expanditur.

Orig. Coll: Ecuador: Loja: San Pedro or road from Loja to Vilcabamba, 2500 m, April 1984, *Dalström & Hoijer 802* (SEL - holotype).

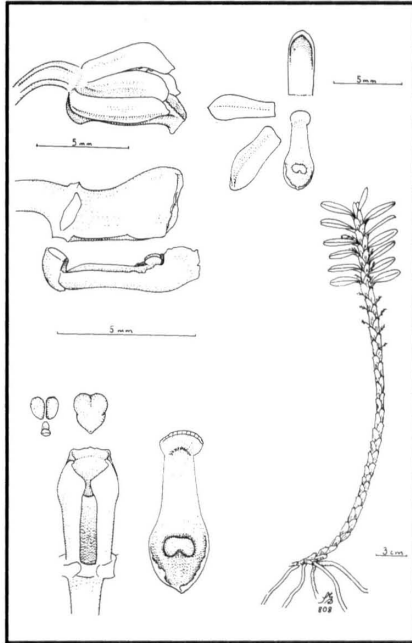
**ETIMOLOGIA:** Nombrado en honor del Sr. Stig Dalstroem quien descubrió la especie.

**ETYMOLOGY:** Named to honor Mr. Stig Dalstroem who discovered the species.

**OTHER SPECIMENS SEEN:** Ecuador: Loja: Above Vilcabamba, 5 km up Río Yambala, 2400 m, 12 June 1986, *D'Alessandro 695* (MO); same locality, 2400 m, 28 April 1986, *D'Alessandro 635* Cajanuma, 2500 m, 17

September 1986, D'Alessandro 736 (MO).

Plant epiphytic, vanda-like. Roots filiform, fleshy, glabrous, produced from basal portion of stem, to 15 cm long. Stem to 35 cm tall, terete, to 5 mm thick, branching at the base, clothed with imbricating leaf bases. Leaves fleshy, spreading, articulate to the leaf sheath; blade ovate, entire, mucronate-apiculate at the apex, slightly rounded at the base at the connection, to 3 x 0.3 cm. Inflorescences axillary, 4-to 6-flowered, shorter than the leaves; floral bracts awl-shaped, to 3 mm long. Flowers small, fleshy, campanulate, yellow-green. Sepals free to the base; dorsal sepal ovate, mucronate at the apex, to 4 x 1.5 mm; lateral sepals obliquely ovate, mucronate, to 5 x 1.5 mm; petals oblong-obovate, mucronate, entire, to 4 x 1.2 mm; lip oblong-obovate, simple, to 5 x 2 mm when expanded, free from the column, the apical portion with a thin, upturned margin; callus of 2 parallel subdigitate lobes free from the lip at the apex, located on the disc of the lip; column to 4 mm long, sulcate on the underside, with lateral wings on the lower margin; ovary terete, to 5 mm long.



**PACHYPHYLLUM DALSTROEMII**  
Dodson

**NOTES:** This species is similar to *P. peperomioides* Kraenzl. but is distinguished by the oblong leaf blade that is blunt at the apex, the column wings free from the lip but sessile, subquadrate when expanded, and the lip obovate when expanded. In *P. peperomioides* the leaves are oval to elliptic, apiculate at the apex, the column wings are free from the lip but are subcordate when spread and the lip is narrowly oblong when expanded.

**NOTAS:** Esta especie es similar a *P. peperomioides* Krzl., pero puede reconocerse por la lámina de la hoja oblonga, truncada en el ápice, las aletas de la columna libres del labelo pero sesiles, subcuadradas al expandirlas, y el labelo obovado cuando se expande. En *P. peperomioides* las hojas son ovalado-elípticas, apiculadas en el ápice, las aletas de la columna se presentan libres del labelo, pero son subcordadas al expandirlas y el labelo es angostamente oblongo cuando se expande.