

104. **SIGMATOSTALIX GENTRYI** Dodson, sp. nov.

Similis *Sigmatostalicis amazonicae*, a qua differt forma calli praediti tribus carinis carnis in media cavitate et appendiculo digitiformi retroflexo in parte inferiore.

Orig. Coll: Ecuador: Esmeraldas: Lita to San Lorenzo, km 12, 850 m, 20 May 1987, C.H. Dodson, H. van der Werff & W. Palacios 17140 (Holotype RPSC).

ETIMOLOGÍA: Nombrada en memoria del Dr. Alwin Gentry, colega y amigo quien hace gran falta.

ETYMOLOGY: Named in memory of Dr. Alwin Gentry, colleague and friend who is sorely missed.

OTHER SPECIMENS SEEN: Ecuador: Esmeraldas: Lita to San Lorenzo, km 12, 850 m, 19 May 1987, C.H. Dodson, H. van der Werff & W. Palacios 17121 (MO); same locality, km 7-13, 750 m, 18 January 1987, Dodson 16845 (MO, QCNE); same locality, 13 August 1986, Hirtz 2927 (MO, QCNE); same locality, 700 m, Hirtz 1462 (RPSC).

Plant epiphytic, rhizome short. Pseudobulb ovate, flattened, edges ancipitous, unifoliate at the apex, surrounded at the base by several conduplicate sheaths, the upper of which are foliate. Leaves narrowly elliptic-oblong, acute at the apex, narrowed to a conduplicate, petiole-like base, to 8 x 0.8 cm. Inflorescences lateral, from the base of the pseudobulb, emerging from the uppermost foliaceous sheaths, erect, to 15 cm long, with several remote, close, tubular sheaths, paniculate with very short branches in the axils of the upper sheaths. Flowers produced at each branch singly in succession over a prolonged period but concurrently; yellow with red-brown spots around the callus at the base of the lip, the nectary bright yellow; sepals free; dorsal sepal oblong-elliptic, slightly reflexed, acute at the apex, to 2.5 x 1.2 mm; lateral sepals obliquely ovate, acuminate, to 2.8 x 2 mm; petals narrowly ovate, blunt at the apex, to 2.2 x 2 mm; lip obovate, emarginate-retuse at the apex, finely erose along the apical margin, to 4 x 5 mm; callus fleshy, raised from the base of the claw of the lip, subquadrate, cup-shaped with 3 fleshy ribs inside the upper portion and an elongate, upturned finger-like projection from the lower portion; column slender, arcuate over the callus, to 2.2 mm long, the pollinia 2, hard.

NOTAS: Se parece a *Sigmatostalix amazonica* Schltr., salvo en la formación del callo. Este se presenta con tres costillas carnosas dentro de la cavidad y un apéndice digitiforme, alargado, que se proyecta hacia arriba desde la parte inferior. En cambio, en *S. amazonica* la cavidad es sencilla y hueca y hay un par de lóbulos erectos, salientes, en el envés.

NOTES: Similar to *Sigmatostalix amazonica* Schltr. but differing in the formation of the callus which has three fleshy ribs inside the cavity and an elongate, upturned finger-like projection from the lower portion rather than a simple hollow cavity and a pair of erect, projecting lobes on the underside as in *S. amazonica*.