

A NEW TRICHOPILIA FROM PANAMA

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MR. PAUL H. ALLEN, one of the keenest and most enthusiastic collectors of orchids in the American tropics, for the last few years has been making periodic trips to the vicinity of El Valle de Antón in Coclé Province, Panama. The number of new orchids that he has discovered there is almost unbelievable. The ratio of endemics, in this small region, must be a very fair proportion of the orchid flora known to occur there.

Trichopilia leucoxantha L. O. Williams *sp. nov.*

Herbae caespitosae, epiphyticae, usque ad 25 cm. altae. Pseudobulbi ancipites, oblongo-ovales, ovati vel obovati, unifoliati. Folia ovalo-elliptica, acuta, coriacea. Sepala oblanceolata vel elliptico-oblanceolata, acuta, carnosae. Petala oblonga vel oblongo-oblanceolata, obtusa, leviter arcuata, carnosae. Labellum suborbiculare, trilobatum; lobi laterales rotundati; lobus medius rotundatus vel transverse oblongus, emarginatus; discus callo elongato ornatus. Columna generis.

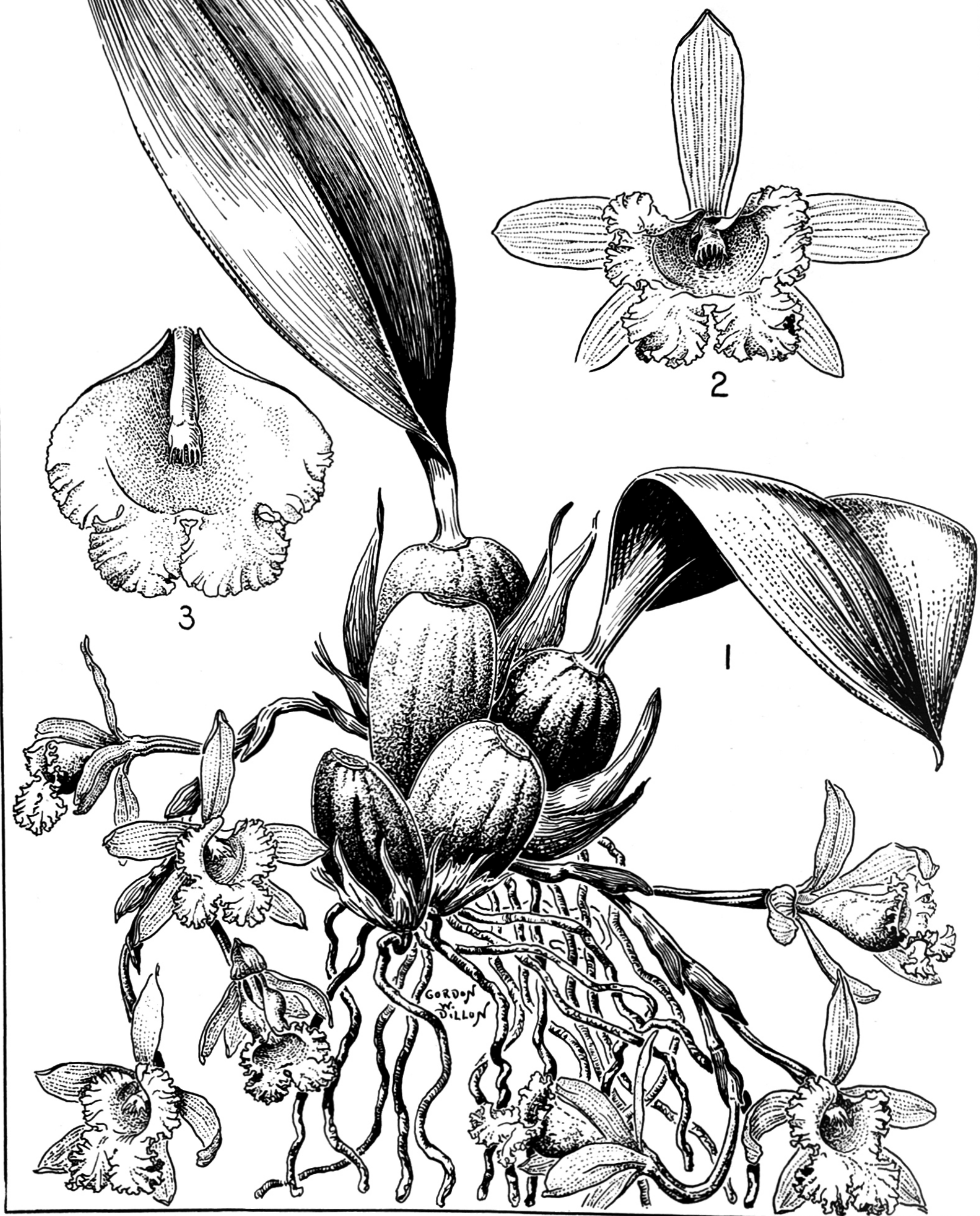
Caespitose, epiphytic herbs up to about 25 cm. high. Primary stems very short. Pseudobulbs 3–4.5 cm. long and 2–3.5 cm. broad, strongly flattened and ancipitous, oblong-oval to ovate or obovate, unifoliate. Leaves 15–20 cm. long and 5.5–6.5 cm. broad, oval-elliptic, acute, coriaceous, contracted into a short petiole about 2 cm. long. Inflorescence lateral, 1–4-flowered, apparently pendent or nearly so. Flowers usually pure white with yellow markings. Dorsal sepal 25–34 mm. long and 7–8 mm. broad, oblanceolate to elliptic-oblanceolate, acute, 7–9-nerved, fleshy, especially dorsally at the base. Lateral sepals 26–30 mm. long and 6–8 mm. broad, oblanceolate to elliptic-oblanceolate, acute, 7–9-nerved, somewhat arcuate, fleshy, especially dorsally at the base. Petals 25–32 mm. long and 9–10 mm. broad, oblong to oblong-oblanceolate, obtuse but apiculate dorsally, somewhat arcuate, fleshy, especially at the base. Lip 30–35 mm. long and 30–35 mm. broad when expanded, suborbicular in general outline, 3-lobed with the mid-lobe deeply emarginate, in natural position enfolding the column, the margins undulate or plane; lateral lobes of the lip rounded, 2–2.5 cm. long; mid-lobe about 1 cm. long and 2.5 cm. broad, rounded or transversely oblong, deeply emarginate; the disc with one elongated, raised, thick callus about as long as the column and directly under it. Column of the genus, about 15–18 mm. long, with a membranaceous, fimbriated clinandrium.

PANAMA: hills south of El Valle de Antón, Province of Coclé, at about 700 meters altitude, flowers pure white with yellow in throat, August 15, 1940, *Allen 2401* (TYPE in Herb. Ames.); floor of El Valle de Antón, Province of Coclé, at about 600 meters altitude, flowers pure white with pale yellow markings in the labellum, July 5, 1941, *Allen 2582*.

Trichopilia leucoxantha is allied to *T. maculata* Reichb. f. from which it is easily distinguished by its larger leaves and by the distinctive, short, broad sepals and petals. The broad, differently formed lip of *T. leucoxantha* also is specific. *Trichopilia suavis* Lindl. is somewhat allied to *T. leucoxantha* but has flowers approximately twice as large.

TRICHOPILIA

leucoxantha L. W^{ms.}



EXPLANATION OF PLATE

FIGURE 1, habit, $\times \frac{1}{2}$; FIG. 2, flower from the front, segments somewhat spread out, $\times 1$;
FIG. 3, lip spread out, with column in place, $\times 1$.