

**Oncidium Storkii** A. & S. *sp. nov.* Herba venusta. Pseudobulbus pyriformis, di- vel triphyllus, sulcatus. Folia lanceolata, in apice oblique bilobata. Inflorescentia panicu-

*lata*, spectabilis, ramis distichis brevibus recurvis. Bractee prominentes, patentes. Flores parvi. Sepala lateralialia prope basim connata, oblanceolato-oblonga, carinata. Sepalum dorsale obovato-oblongum. Petala oblongo-ovata, plus minusve obliqua. Labellum panduratum, apice abrupte dilatato bilobato, basi cordata. Discus in basi callo subquadrato ornatus. Columna crassa, brevis.

Plant graceful, recalling *O. bracteatum* Reichb. f. & Warsz. Pseudobulb pyriform, 2- to 3-leaved at the summit, 5–8.9 cm. long, 2.5–3.8 cm. wide, somewhat compressed (1.3–1.9 cm. thick near the base), deeply sulcate, yellow, enclosed at base by a pair of leaf-bearing sheaths. Leaves lanceolate, 23–25 cm. long to the point of origin, 2.5–3.2 cm. wide, obtuse and obliquely bilobed at the apex, gradually narrowed to a conduplicate petiole, subcoriaceous. Inflorescence arcuate, paniculate, much surpassing the leaves, about 45 cm. long. Peduncle up to the lowest raceme about 12.5 cm. long, entirely invested by distichous imbricating scarious sheaths. Racemes composing the panicle about 3 cm. apart, 4–6 cm. long, arcuate-recurved, 5- to 9-flowered, subtended by a conspicuous bract which is lanceolate, scarious, concave and about 3 cm. long; rachis fractiflex, that of the lower (and longer) racemes about 5.2 cm. long. Floral bracts distichous, horizontally spreading, triangular-ovate, scarious, tubular-involute, up to 1.8 cm. long, carinate near the apex. Perianth segments widely spreading or reflexed. Flowers small. Lateral sepals connate near the base, oblanceolate-oblong, about 11 mm. long, 4–4.2 mm. wide, rounded at the apex, sharply carinate on the outer surface with the keel extending into a prominent mucro, the margins slightly undulate. Dorsal sepal obovate-oblong, or oval, 7.9–8 mm. long, 4.1–4.7 mm. wide above the middle, abruptly acute with a short dorsal apicule, margins slightly undulate and irregular. Petals oblong-ovate, 8.9–9 mm. long, 4.9–5.1 mm. wide near the base, more or less oblique, abruptly acute to rounded at the tip, very abruptly rounded at base, margins more or less irregular. Labellum pandurate, from a cordate base subquadrate and slightly narrowed for two-

thirds of its length, then abruptly dilated to the broader anterior part, 10 mm. long in the middle, about 9.2–9.7 mm. wide near the apex which is broader than the basal portion, bilobed and apiculate at the apex. Disc provided in the center of the convex base with a fleshy convex subquadrate callus which is slightly trilobed at the apex and with 2 obscure lobes on each side. Column very short and stout, 4 mm. long at the back, with a pair of inconspicuous porrect, very short but broad dolabriform wings which are subentire along the margin.

*Oncidium Storkii* is closely allied to *O. bracteatum* Reichb. f. & Warsz., *O. Henrici-Gustavi* Kränzl. and *O. paleatum* Schltr. It differs from *O. bracteatum* in having smooth rachis and pedicels, more flowers on each branch, somewhat smaller flowers with unspotted sepals and petals and no prominent side lobes to the lip. It is distinct from *O. Henrici-Gustavi* in having broader sepals and petals and in lacking conspicuous lateral lip-lobes. It is distinguished from *O. paleatum* in having commonly 7- to 9-flowered floral branches and much smaller lip.

The description was prepared from an herbarium specimen, and from the cultivator's notes and photographs.

COSTA RICA, Santa Maria de Dóta, *H. E. Stork s. n.*, May 1928. Cultivated and contributed by *C. H. Lankester 1244*; flowered at Las Concavas, March 1929. Sepals and petals clear Dull Green-Yellow (Ridgway XVII). Lip Sulphur Yellow (Ridgway V), with basal half Deep Chrome (Ridgway III). Column Sulphur Yellow. "All segments quite unspotted."