

**Zygopetalum Klugii** C. Schweinfurth sp. nov.

Herba epiphytica, pro genere mediocris, rhizomate abbreviato. Folia plura, in circulo flabelliformi, ad vaginas conduplicatas articulata; lamina oblongo-obovata vel oblongo-ob lanceolata, abrupte acuta, infra sensim angustata. Inflorescentiae breves, uniflorae. Flos pro genere parvus, segmentis patentibus. Sepalum dorsale oblongo-lanceolatum, acuminatum. Sepala lateralia majora, oblique lanceolata, acuminata. Petala elliptico-lanceolata, acuminata, sepalo dorsali paulo minora. Labellum breviter unguiculatum, in hypochilium et epichilium divisum; hypochilium conduplicato-concavum, antice digitiformi-fimbriatum; epichilium elliptico-lanceolatum, acuminatum. Columna conspicua, infra late bialata.

Plant epiphytic, medium-sized for the genus, without or with an abbreviated rhizome, without pseudobulbs or apparent stems. Roots fibrous, rather slender, glabrous, whitish. Leaves several in a flabelliform cluster, articulated to conduplicate basally imbricating sheaths the outer members of which are much smaller with abbreviated or no blades; lamina oblong-obovate to oblong-ob lanceolate (rarely an abbreviated outer blade is ovate), abruptly acute, long-narrowed below, membranaceous, with three to seven nerves exerted beneath, up to 26 cm. long and 5.5 cm. wide (the uppermost blade longest

and relatively narrower than the others). Inflorescences about five in our specimen, basal in the axils of sheaths, relatively short, 1-flowered; peduncles filiform, provided below with several loose tubular scarious sheaths, about 5.5 cm. or less long. Flower rather small for the genus, white and whitish green, with spreading segments. Dorsal sepal oblong-lanceolate, acuminate, 7-nerved, about 2.24 cm. long and 7.6 mm. wide. Lateral sepals very obliquely lanceolate with the dorsal margin nearly straight and the anterior margin broadly rounded, acuminate, 9-nerved near the base, about 2.68 cm. long and 1 cm. wide near the concave base. Petals elliptic-lanceolate, lightly oblique, acuminate, 6- or 7-nerved near the base, about 2.1 cm. long and 7 mm. wide. Lip about 2.4 cm. long in natural position, shortly clawed, sharply divided into a hypochile and epichile; claw short, broad, fleshy, sulcate, about 2 mm. long; hypochile conduplicate-concave with the broadly rounded anterior margin irregularly digitiform-fimbriate, the center within having a low fleshy keel which is irregularly dilated near the apex; epichile attached to the back of the hypochile in the middle, elliptic-lanceolate, acuminate with a complicate apex, about 9-nerved, lightly concave, about 1.8 cm. long and 7 mm. wide. Column conspicuous, extended in front into an indistinct broad fleshy foot, about 1.6 cm. high at the back, broadly winged on each side through the lower half, the wings being gradually dilated upward to an abruptly truncate tip.

This species differs from *Zygopetalum lucidum* Rolfe from British Guiana and Venezuela in having broader leaves, more membranaceous flowers, narrower petals, and dissimilar features of the lip.

LORETO: Vicinity of [redacted] epiphyte at 100 meters altitude, July 1937, G. Klug 10109 (TYPE in Herb. Ames No. 65442).