

A NEW SPECIES OF *QUEKETTIA* (ORCHIDACEAE) FROM SURINAM

R. O. Determann\*

*Quekettia vermeuleniana* Determann, sp. nov.

Species haec *Q. pygmaeae* (Cogn.) Garay similis sed inflorescentiis brevibus, floribus binatis, labello basi concavo apice truliformi, columna gracili cum pari cornuum erectorum incurvatorum, stipite albo ovato et viscidio ephippioideo differt.

Plant very small, epiphytic; rhizome short; pseudobulbs oblong, flattened, to 5 mm long, 2 mm wide, unifoliate, surrounded by imbricate, conduplicate sheaths, the upper of which are foliaceous. Leaves to 35 mm long, 3 mm wide, semiterete, elongate, acute, sulcate, medium green with purple dots. Inflorescence to 1 cm long, produced from the base of the pseudobulbs, subtended by bracts to 1 mm long, 1- to 2- flowered, concurrently produced; flowers divergent. Sepals white with a green base, the petals greenish yellow with a pink margin, the lip white with a yellow-green callus; dorsal sepal narrowly ovate, acute at the apex, free, to 3 mm long, 1 mm wide, lateral sepals united for more than 3/4 of their length, the apices falcate, divergent, concave at the base, free from the lip, to 5 mm long, 1.5 mm wide; petals narrowly ovate, oblique, to 4 mm long, 1 mm wide; lip slender, oblong, 6 mm long, 1.5 mm wide, concave at the base, expanded and trullate for the upper 1/4, the apex recurved, the callus fleshy, raised; column slender, 3 mm long, broadened toward the apex, with a pair of terete, erect, incurved yellow horns, to 1 mm long; anther large, dorsal, cream-colored to 1 mm long, the pollinia two, hard, yellow, smooth, the stipe white, broadly ovate, the viscidium saddle-shaped.

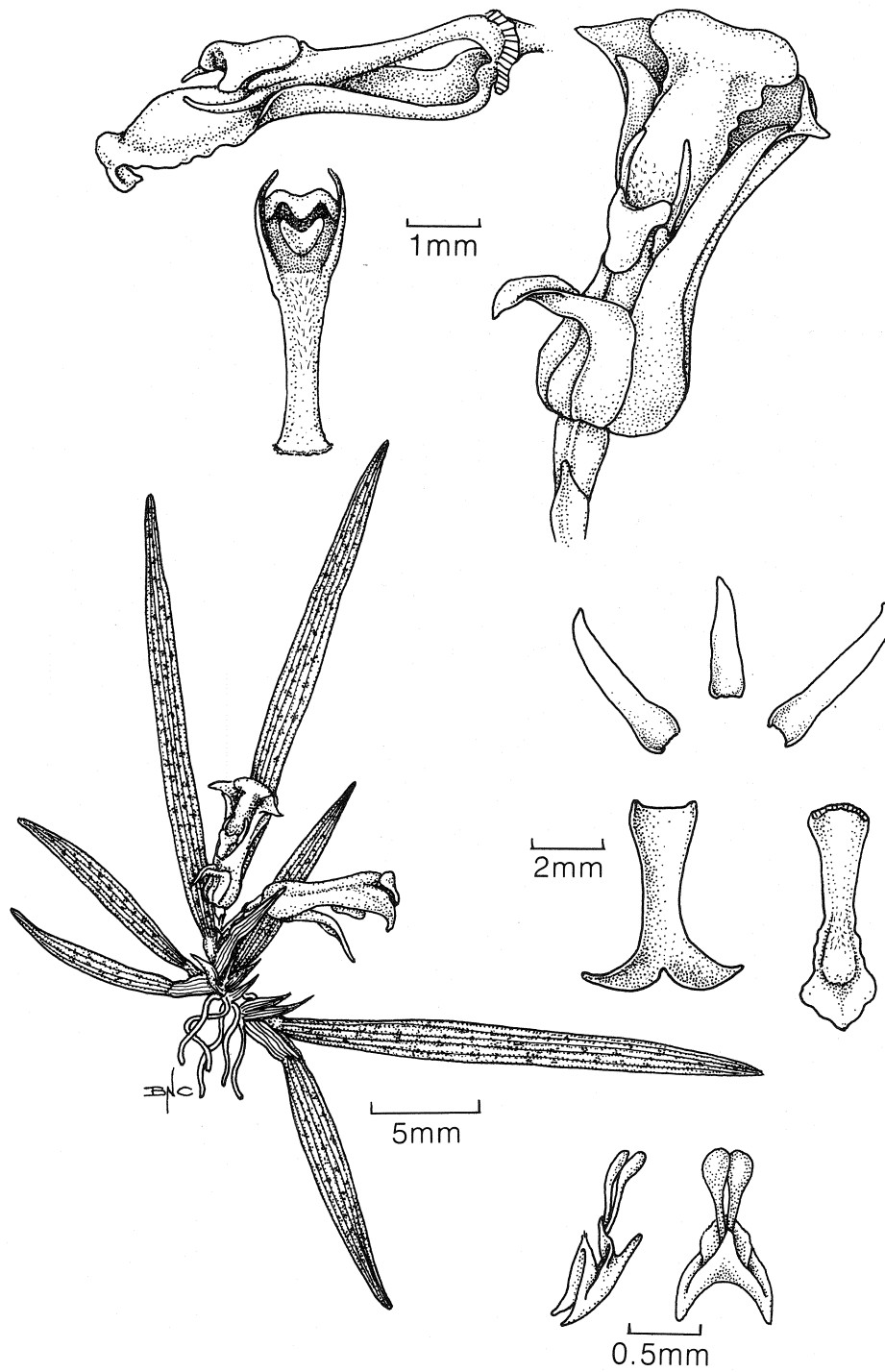
ETYMOLOGY: Named in honor of Dr. P. Vermeulen, orchid taxonomist.

TYPE: *SURINAM*: BROWNSBERG: epiphytic on thin, mostly dead twigs and branches in seasonally dry forest, alt. 500 m, 8 Jan. 1979, R. O. Determann 17 (LBB. 16524).

ADDITIONAL MATERIAL EXAMINED: *SURINAM*: BROWNSBERG: R. O. Determann 4 (LBB. 16511); Raleigh Falls-Voltzberg, R. O. Determann 44 (LLB. 16551); without locality, *de la Fuente s.n.* (SEL-OIC 4910).

DISTRIBUTION: Surinam.

\* The Marie Selby Botanical Gardens, Sarasota, Florida 33577, U.S.A.



*Quekettia vermeuleniana* Determann, sp. nov.