

Epidendrum vagans *Ames sp. nov.* Rhizoma longe repens, lignosum, validum, radicibus fibratis ramosis glabris. Pseudobulbi inter se distantes, tri-vel quadrifoliati. Folia coriacea, ligulata, apice inaequaliter bilobata. Pedunculus terminalis, foliis brevior, plus minusve quadriflorus. Flores in racemo laxo dispositi. Sepala lateralia anguste lanceolata, acuta, extus per medium conspicue et alte carinata. Sepalum dorsale simile, ecarinatum. Petala lanceolata, acuminata, acutissima. Labellum simplex, elliptico-ovatum, acuminatum, purpureo-striatum, callo velutino in basi. Columna apice dilatata, antice bidentata dentibus triangularibus, postice in ligulam producta. Ligula columnae anguste oblonga, apice obscure paucidenticulata.

Rhizome elongated, creeping, 5-6 mm. in diameter, provided between the distant pseudobulbs with two or three loosely appressed tubular sheaths, which soon disappear as the plants mature. Pseudobulbs 5-6 cm. apart, about 5 cm. long, fusiform, concealed when young by several rather closely appressed imbricating sheaths, 3-4-leaved. Leaves

NEW OR NOTEWORTHY ORCHIDS

8–10 cm. long, up to 1.6 cm. wide, oblong, abruptly narrowed at both ends, obtusely bilobulate at the tip, erect. Peduncle 4–5 cm. long, much exceeded by the leaves, about 4-flowered. Flowers in a loose raceme, white or cream color, the sepals and petals with a short median band of purple and the labellum with about twelve purple stripes. Bracts of the raceme about 4 mm. long. Pedicel with the ovary 1.7 cm. long, ascending. Lateral sepals 2 cm. long, 4 mm. wide, narrowly lanceolate, acute, with a deep keel along the middle on the outer surface. Dorsal sepal similar, ecarinate. Petals 1.7 cm. long, up to 5 mm. wide, lanceolate, acuminate, acute. Labellum 1.5 cm. long, about 7 mm. wide below the middle, elliptic-ovate, acuminate, acute, lightly and shortly carinate on the under side near the tip. Callus velutinous, situated at the base of the lamina, obscurely 3-lobulate in front. Column 5.5 mm. long, adherent for about one half its length to the labellum, dilated upward, with a fleshy, triangular tooth on each side in front at the summit, and with an oblong obscurely tridenticulate ligule behind the anther.

Epidendrum vagans is closely allied to *E. radiatum* Lindl. and *E. ionophlebium* Reichb. f. From *E. radiatum* it differs conspicuously in the outline of the labellum and in the well-developed keels of the lateral sepals. From *E. ionophlebium* it differs in habit, the leaves being much smaller and the pseudobulbs widely separated on the elongated, creeping rhizome.

COSTA RICA, southern flanks of Irazú, C. H. Lankester 461. 5000–7000 feet altitude. Sepals and petals white to cream, a violet purple median stripe on basal half. Lip white to cream with a white callus and about twelve purple stripes. Column green at the base with a purple stripe. (TYPE in Herb. Ames No. 26948.)