

pedicellate ovary to 1.0 cm long, the 2 floral bracts, unequal, subopposite, ovate, acute. *Sepals* very pale greenish yellow with faint purplish red dots, the spots paler on distal half, darker and more defined on basal half, the petals more densely spotted, the labelum very pale tan with dark red spots, the column pale yellowish green with abaxial brownish red spots, the anther pale cream yellow. *Sepals* subequal, 1.5–1.7 × 0.5 cm, the dorsal sepal narrowly elliptic lanceolate, apiculate, nearly flat, the lateral sepals obliquely oblong-lanceolate, apiculate, basally concave. *Petals* lanceolate, apiculate, 1.45 × 0.55 cm, recurved at the apex. *Labelum* obovate, 1.2 × 0.9 cm, margins erose-dentate, the callus subrhombic, arcuate, bilobed. *Column* fleshy, winged, 7.9 × 3.5 mm, distal portion of abaxial keel highest below stigma, semioblong-elliptic, below low carinate, the wings below the middle of column, obliquely semiovate, directed back and slightly downward, sparsely pubescent, the anther 1.3 × 1.4 mm, broader than long across the apex, the pollinarium 1.8 mm long, the pollinia in two very unequal pairs, the viscidium hastiform-lanceolate, viscid pad more or less narrowly elliptic occupying a little more than half the length of the viscidium. *Pedicellate ovary* to 1.0 cm long.

Etymology: Named to honor Renato Villena, the collector of the species.

Habitat: From montane rain forest (1100 m) in deep shade, *Kefersteinia villenae* flowers at any time of the year as new growths mature.

This species is distinguished from other species in the genus by the combination of a subrhombic, bilobed callus; the semioblong-elliptic high abaxial keel that diminishes towards the base; the semiovate column wings, atypically below the middle, directed back and slightly downward; and the hastate viscidium.

***Kefersteinia villenae* D. E. Benn. & Christenson, sp. nov. (Fig. 8)**

TYPE: PERU. San Martin: Moyobamba, near Pacaysapa, 31 Oct 1992, R. Villena & B. Collantes ex Bennett 5699 (HOLOTYPE: NY; ISOTYPE: USM).

Species haec *K. lojae* Schltr. similis sed callo rhombiformi differt.

Diminutive fan-shaped epiphytes with very short rhizomes. *Leaves* lanceolate, acute, tapered to the slender, articulated, conduplicate, petiolate base, 8.0–11.2 × 1.0–1.2 cm. *Inflorescences* successive axillary scapes, lax, the peduncle to 4.0 cm long,

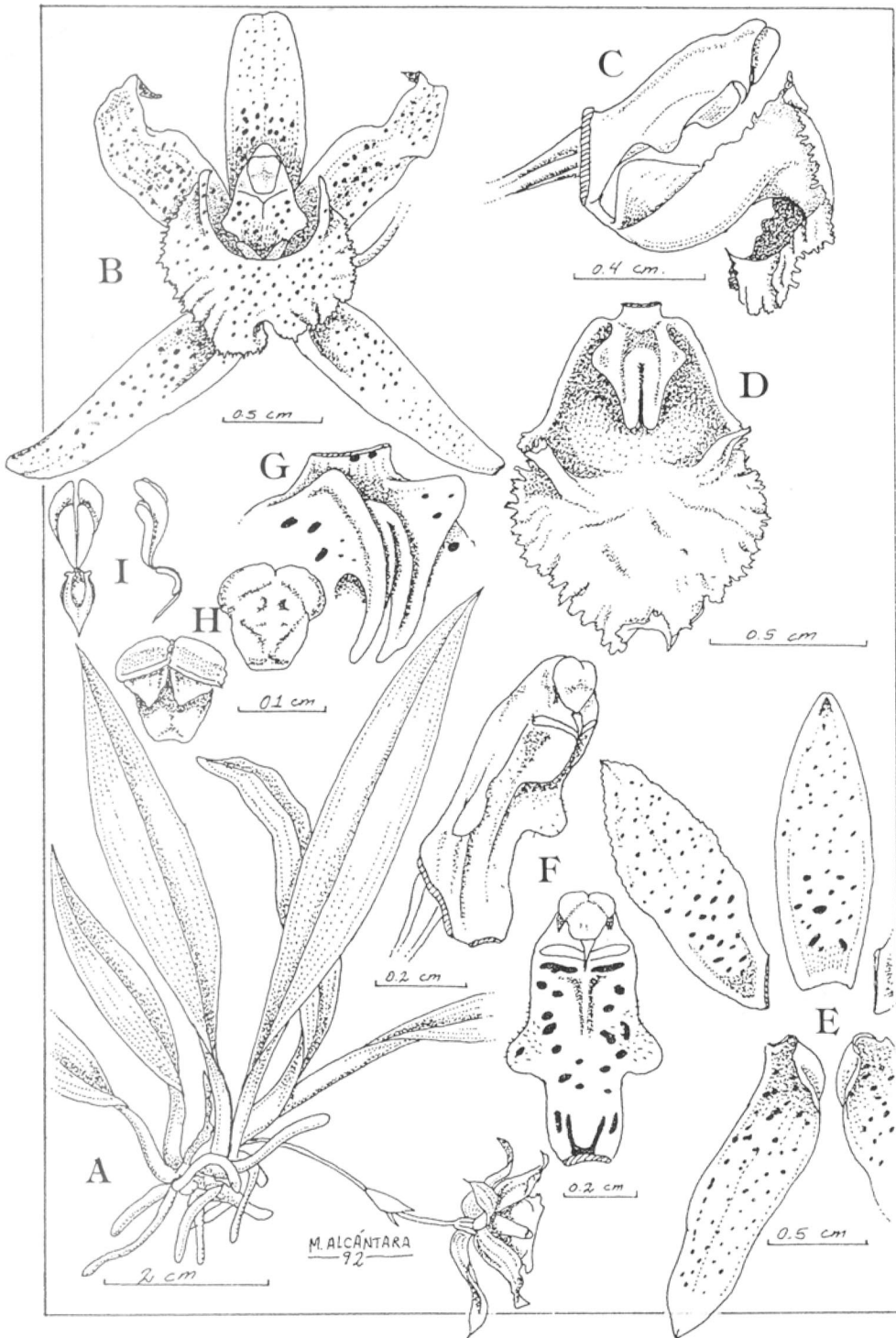


FIG. 8. *Kefersteinia villenae* D. E. Benn. & Christenson (drawn from Bennett 5699). A. Plant in flower. B. Flower. C. Column and labellum in profile. D. Labellum. E. Floral dissection. F. Column. G. Callus. H. Anther. I. Pollinarium.