

als obliquely ovate, abruptly acuminate, 1.3×0.81 cm. *Labellum* suborbicular when expanded, crisped-undulate, margins erose-denticulate, joint of claw and foot of column sharply angled, 1.3×1.5 cm; callus rhombiform, 2-ridged in the center, distal margins repand. *Column* elliptic in outline, winged, abaxial central keel extends only to base of wings, descending below, sparsely pubescent in the middle on both surfaces, the anther granulate distally, the anther dorsally tuberculate, 2.2×1.8 mm, the pollinarium 2.8×1.3 mm, the pollinia 4 in two dissimilar pairs, larger pair 1.6×0.6 mm, the viscidium, ovate, 1.2×0.6 mm. Pedicellate ovary to 1.75 cm long.

Etymology: From the Latin *candidus*, "pure white," referring to the color of the flowers.

PARATYPES: PERU. Pasco: Oxapampa, below Caazu near Los Angeles bridge, 12 Feb 1993, *O. del Castillo ex Bennett 6133* (NY); Junin: Jauja, Dist. Monobamba, Sector Cedrulla, 20 Sep 1993, *Bennett 6316-4* (NY).

Habitat: Montane wet forest (780–2300 m) where it flowers intermittently throughout the year.

Kefersteinia candida is most similar to the mesoamerican *K. lactea* (Rchb.f.) Schltr. but differs by the rhombiform calyx, the abruptly acuminate corolla, and absence of spotting on the column and in the lip. It is distinguished from other white-flowered species by the combination of pure white flowers, a subrhombic labellum with a crisped-undulate, erose-denticulate margin, the sharply angled junction of column foot with the labellum, the rhombic 2-ridged callus with an emarginate apex, and the sparsely pubescent column.

Kefersteinia candida D. E. Benn. & Christenson, sp. nov. (Fig. 6)

TYPE: PERU. Junin: Tarma, District of Huasahuasi, Caserio Santa Rosa, 28 Nov 1992, *O. del Castillo ex Bennett 5922* (HOLOTYPE: USM).

Species haec *K. lacteae* (Rchb.f.) Schltr. similis sed petalis acuminatis abrupte, callo rhombiformi biporcato, et columna pubescenti differt.

Fan-shaped caespitose epiphytes to 17 cm tall. *Leaves* lanceolate, acute, conduplicate at the base, $11\text{--}17 \times 1.0\text{--}1.5$ cm, articulated to basal sheaths. *Inflorescences* axillary scapes, laxly pendent, the peduncle terete with 2 close basal bracts, the flower with 2 subopposite floral bracts. *Flowers* pure white. *Sepals* subsimilar and subequal, $1.3\text{--}1.5 \times 0.6\text{--}0.64$ cm, the dorsal sepal elliptic-lanceolate, acute, lightly concave, distal margins lightly involute, the lateral sepals ovate-oblong, obtuse or abruptly acute. *Pet-*

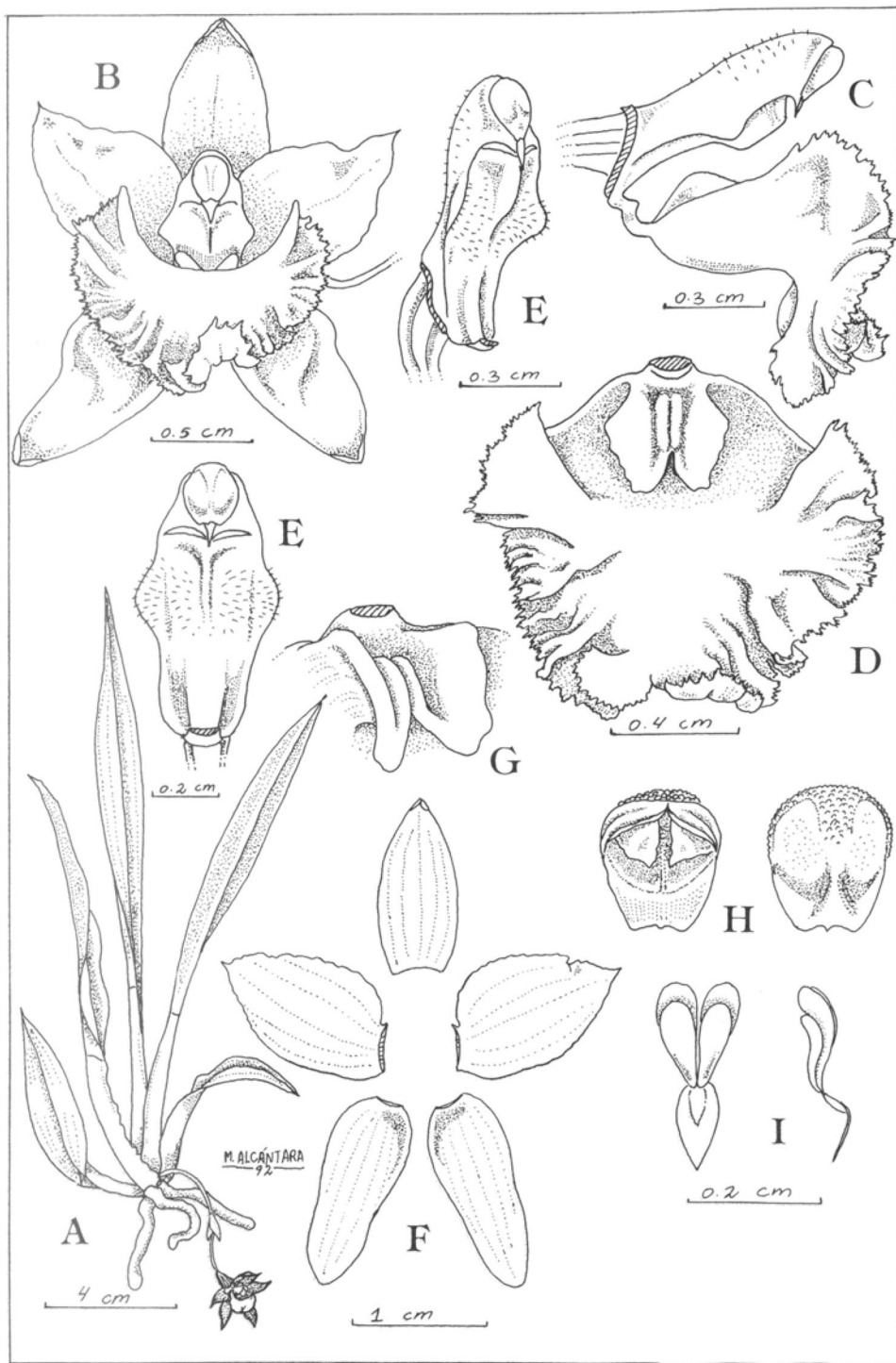


FIG. 6. *Kefersteinia candida* D. E. Benn. & Christenson (drawn from Bennett 5922). A. Plant in flower. B. Flower. C. Column and labellum in profile. D. Labellum. E. Column, lateral and frontal views. F. Floral dissection. G. Callus. H. Anther. I. Pollinarium.