

named species, as well as the discussion of some problematic groups within the Mesoamerican area.

### BASKERVILLA

*Baskervilla stenopetala* Dressler, *sp. nov.*

HOLOTYPE: Panama; prov. Darien, Cerro Pirre, 1 050-1 400 m; 10-XI-1977; flowers very pale green; *J. Folsom* s.n. (MO). Figure 1.

*Herbae terrestres usque ad 30 cm altae; foliis basilaribus rosulatis ellipticis longe petiolatis, floribus inversis, racemo denso, sepalis postico lanceolato; sepalis lateralibus asymmetrice ovatis, petalis columnae liberis ligulatis subobtusis labello ad basin columnae affixo, 3-lobis, lobis lateralibus brevis, oblongis, obtusis, lobo intermedio ovato, base valde saccato.*

Terrestrial herbs, up to 30 cm, base of plant missing; petioles 4.5-7 cm, blades elliptic, 6-9 x 2.5-3.6 cm, apices lacking; scape incomplete, raceme densely many-flowered, ca. 9 cm; floral bracts ligulate-lanceolate, 7-10 x 1.5-2 mm; ovary and pedicel ca. 6 mm; dorsal sepal lanceolate, subobtus, 5.5 x 1.8-2 mm, lateral sepals ovate, 6 x 2.5 mm, base very asymmetrical; petals ligulate, subobtus, 4.5 x 1.2 mm; lip rhombic-elliptic, subobtus, 5.5 x 2 mm, base saccate, ca. 1 mm deep, lateral lobes oblong, obtuse, 0.8-1 x 0.6-0.7 mm, laminar, free; column ca. 3.3 mm.

When this plant was first collected, we took it to be a *Cranichis* with a saccate lip base, and indeed it appears to be one of the more basal members of *Baskervilla*. The petals, that are apparently bent back as in other species, are not at all lobed or angled in *B. stenopetala*. The epithet, *stenopetala*, refers to the unusual, narrow petals. The lateral lobes of the lip are clearly laminar, as in *B. pastazae* Garay, of Ecuador. In most species the lobes are so greatly thickened that they are not readily recognized as lobes. *Baskervilla stenopetala* is also unusual in its very dense raceme.

### CRANICHIS

*Cranichis cochleata* Dressler, *sp. nov.*

HOLOTYPE; Mexico: Chiapas; rocky hill N.E. of ranch and near Lake Yalwich, region of Montebello and Rancho San Jose, 35 mi. E. of Comitán; 17-24-I-1952; *M.C. Carlson* 2283 (MO; isotype: SEL). Figure 2.

*Habitu C. sylvaticae* A. Rich. et Gal., basis labellii profunde saccata, lamina concava ovata, sepalis lateralibus asymmetrice ovatis differt.

Terrestrial herbs, 8-35 cm; roots felty, brownish, 1-1.5 mm in diameter; leaves basal, 1-3, petioles 0.3-6 cm, basally sheathing, blades 2.2-7 x 1.3-3 cm, ovate to elliptic-ovate, base subcuneate, apex acute to apiculate, with dark veins on paler background;

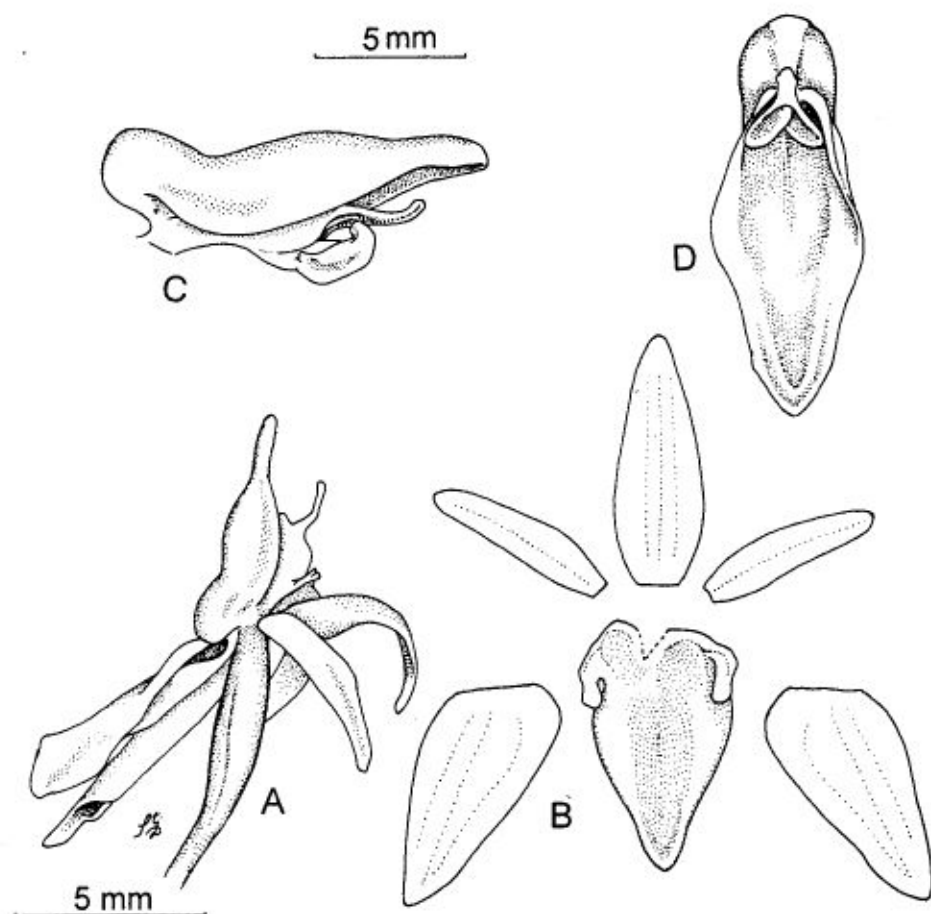


Figure 1. *Baskervilla stenopetala* A, Lateral view of flower. B, Perianth parts, flattened. C, Lip and column, lateral view. D, Lip, dorsal view, showing lateral lobes. Based on type specimen.