

***Phragmipedium andreettae* P.J.Cribb & Pupulin,
*sp. nova***

Species affinis Phragmipedio fischeri Braem et H. Mohr *sed foliis angustioribus, 1.2-2 cm latis (2.5-3 cm latis in P. fischeri), floribus pallide roseis vel albis,*

petalis ellipticis vel obovatis marginibus reflexis, sepalo dorsali margine reflexo, labello angustiore, 1.2-1.4 cm diametro (1.5-1.7 cm diametro in P. fischeri) pallido roseo, staminodio longiore quam latiore obtrullato ad apicem minute bifido distinguendo.

TYPE: NW Ecuador, *sine prov., hort.* Ecuagenera, November 2005, *Portilla s.n.* (holotype: QCA!). Fig. 1-2.

A lithophytic *plant*. *Leaves* linear, acute, up to 15 x 1.3-2 cm, mid-green. *Inflorescence* erect to arching-suberect, 13-16 cm long, unbranched or with one branch, flowers produced in succession; peduncle purple, finely white-pubescent; sterile bract on peduncle acute, 2-3 cm long, green; fertile bracts conduplicate, ovate-lanceolate, acute, 2-2.5 x 1 cm, green with a purple base. *Flowers* with pale pink sepals, white petals flushed with pale pink on back, and white staminode with a yellow central spot; lip pink with purple- and pink-spots and with a yellow stripe along the back wall within; pedicel and ovary 5.5-6.5 x 0.2-0.3 cm, purple, finely white-pubescent. *Dorsal sepal* elliptic, obtuse, 2.1-2.2 x 1.2-1.3 cm, lateral margins reflexed, finely pubescent on both

surfaces; synsepal similar in shape, shorter than the lip, 2-2.2 x 1.6-2 cm, bi-keeled on reverse, margins reflexed. *Petals* elliptic to obovate, rounded, 2.4 x 1.6 cm, margins reflexed, finely white pubescent on inner surface. *Lip* urceolate, 2.1 x 1.2-1.4 cm, finely pubescent on outside; side margins incurved, more so at the base, hairy within and without. *Column* 0.6 cm long; staminode obtrullate, 0.7 x 0.6 cm, bifid at tip; anthers small, bilocular; stigma 4.5-5 mm long, spatulate, hidden by staminode.

DISTRIBUTION. Known only from NW Ecuador; 500-1000 m.

LITERATURE CITED

- Gruss, O. 2003. A checklist of the genus *Phragmipedium*. *Orchid Digest* 67(4): 213-241.
- McCook, L. 1998. An annotated checklist of the genus *Phragmipedium*. *Orchid Digest Special Publication*.
- Quené, R.-J.W. & O. Gruss. 2003. *Phragmipedium brasiliense*, a new species of the section *Lorifolia* from Brazil. *Orchid Digest* 67(4): 242-243.

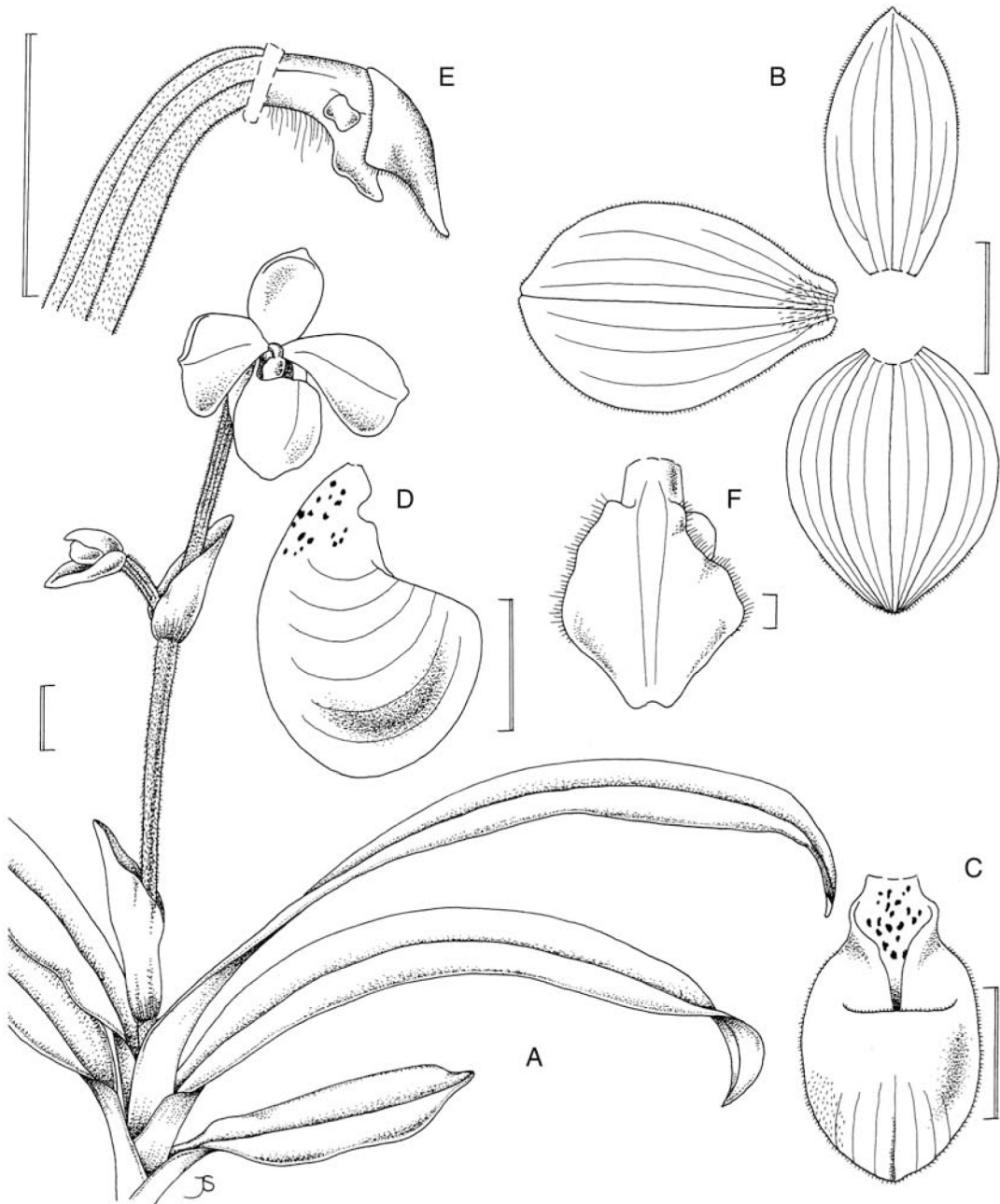


Fig. 1. *Phragmipedium andreettae* P.J.Cribb & Pupulin. A – Habit. B – Sepals and petal. C – Lip, frontal view. D – Lip, lateral view. E – Column, lateral view. F – Staminode, frontal view. Single bar = 1 mm; double bar = 1 cm. Drawn by F. Pupulin from the holotype (*Portilla s.n.*, QCA); inked and rendered by Judi Stone.



Fig. 2. *Phragmipedium andreettae* P.J.Cribb & Pupulin. Frontal view of the flower that served as the holotype (*Portilla s.n.*, QCA).