

**DISTRIBUTION.** Borneo (Sarawak, Sabah, Brunei).

**HABITAT.** Epiphytic, in mixed hill-dipterocarp forest, lower and upper montane forest, oak-laurel forest, terrestrial in open scrub under *Leptospermum*.

**ALTITUDE.** 600–2700 m.

**FLOWERING.** August.

**NOTES.** The epithet presumably refers to the small stature of the pseudobulbs.

### 137. COELOGYNE PLICATISSIMA

*Coelogyne plicatissima* Ames & C. Schweinf. *Orch.* 6: 35 (1920). Type: Borneo, Sabah, Mt. Kinabalu, Paka-Paka Cave, *J. Clemens* 204 (holo. AMES; iso. BM, K). **Plate 19E.**

**DESCRIPTION.** *Pseudobulbs* fusiform-cylindric to broadly pyriform on a stout rhizome, 2.5 × 1.5 cm (when dried), enclosed with bracts at base. *Leaf* 1, linear, oblong-linear or oblong-elliptic, acute, narrows to base, very strongly plicate, rigid, erect, coriaceous, 21.4 × 2.14 cm with about 6.2 cm long, cylindric, stout, sulcate petiole. *Inflorescence* heteranthous, peduncle suberect to arcuate, 24 cm, rachis arcuate or nodding, more or less zig-zag, about 8 cm long, loosely few-flowered. *Flowers* with deep brownish-salmon sepals, petals olive green suffused pale brownish-salmon towards tip, lip similar, column pale yellowish, hood and wings white. *Dorsal sepal* lanceolate-oblong, acute, carinate, shallowly cymbiform, 1.6 × 0.6 cm. *Lateral sepals* lanceolate-oblong, acute, dorsally carinate, shallowly cymbiform, 1.8 × 0.6 cm. *Petals* narrowly elliptic, subacute, obtuse, 3-nerved, 1.4 × 0.5 cm. *Lip* 1.7 × 0.9 cm, in natural position convolute for about half its length, when extended broadly lanceolate, anterior portion fleshy-thickened, obtuse, slightly reflexed near the base, at about one third distance from apex slightly emarginate on each side, callus of 3 low, simple, fleshy keels extending from base of lip to the tip of the mid-lobe. *Column* short surrounded by tube of the lip, about 0.85 cm long, including wing, very broad at the truncate, entire tip.

**DISTRIBUTION.** Borneo (Sabah, Sarawak).

**HABITAT.** Epiphytic in lower and upper montane forest, oak-laurel forest, montane ericaceous scrub, frequently on ultramafic substrate.

**ALTITUDE.** 1500–3000 m.

**FLOWERING.** June.

**NOTES.** The epithet refers to the strongly plicate form of the leaves.

### 138. COELOGYNE RIGIDIFORMIS

*Coelogyne rigidiformis* Ames & C. Schweinf., *Orch.* 6: 40 (1920). Type: Borneo, Sabah, Mt. Kinabalu, Kiau, *J. Clemens* 71 (holo. AMES).

**DESCRIPTION.** *Pseudobulbs* clothed with fibrous remnants of sheaths, cylindric to narrowly pyriform, 3–4 cm long. *Leaf* 1, oblong-linear, gradually narrowed at complicate base, strongly plicate, rigid, erect, coriaceous, 20–28.5 × 1.8–2.3 cm with 5.5–7.5 cm long, cylindric petiole. *Inflorescence* heteranthous, peduncle erect, 9.4–21 cm long, rachis arcuate or zig-zag, to 12 cm long, loosely few-flowered. *Flowers* greenish with a purple end to column. *Dorsal sepal* linear-ob lanceolate, acute, obtuse, indistinct 5-nerved, 2.1 × 0.5 cm. *Lateral sepals* linear-ob lanceolate, acute, more or less obtusely cymbiform, indistinctly 5-