

Stems rather short. Leaves needle-like, linear, 3-4 cm long, 2 mm wide, sulcate above, reniform in cross section, articulated with the sheaths. Racemes axillary, rather densely flowered; peduncles to 4 cm long, very slender. Flowers 4-7, pink, subspreading; pedicel and ovary 8 mm long, slender; both sepals and petals oblong-lanceolate, 5 mm long, 2 mm wide, obtuse; lip spurred, 3-lobed, the side-lobes small, triangular-ovate, 1 mm long, obtuse, slightly connate with the base of column, the midlobe ovate, 4 mm long, 3 mm wide, acute or apiculate, the spur 5-6 mm long.

Endemic, in the broad-leaved forests at 1,000-2,000 m alt. throughout the island.

ILAN: Mt. Nanhutashan, *Su* 789*. NANTOU: Chinshuikou, *Huang et al. s. n.* Feb. 1959.

CHIA YI: Alishan, *Ito s. n.* Nov. 1932.

12. BLETILLA Reichb. f. 白及屬

Terrestrial herbs with globose pseudobulbs. Stems long or short, erect, leafy. Leaves mostly narrow, slightly plicate, sheathing at base. Flowers rose-purple, rather large, in terminal raceme, with caducous bracts; sepals and petals nearly equal, free, erect or somewhat spreading; lip strongly 3-lobed, furnished with many long keels, the terminal lobed slightly recurved, the lateral lobes embracing the slender column; column erect, small, winged on each side; anther terminal, lid-like, 2-celled; pollinia 8, powdery, more or less soft, yellowish, nearly equal or 4 smaller, with obscure caudicle, the viscidia absent.

About nine species, distributed in China and Japan. Two in Taiwan.

KEY TO THE SPECIES

- 1. Leaves 0.7 - 2 cm wide, mostly constricted to the base of stem; sepals 1.6 -1.8 cm long. 1. *B. formosana*
- 1. Leaves 3-4 cm wide, distributed throughout the stem; sepals 2.2 cm long 2. *B. striata kotoensis*

- 1. *Bletilla formosana* (Hayata) Schltr. in Fedde Repert. Sp. Nov. 10: 256. 1911.

台灣白及 Pl. 1551

BletiJJ formosana Hayata in Journ. Coll. Sci. Univ. Tokyo 30(1): 323. 1911.

Bletilla morrisonicola (Hayata) Schltr. in Fedde Repert. 10: 256. 1911.

BletiJJ morrisonicola Hayata in Journ. Coll. Sci. Univ. Tokyo 30(1): 324. 1911.

Perennial herb 30-50 cm tall. Pseudobulbs globose, 1 cm in diameter. Stems erect, leafy near the base. Leaves linear, 20-30 cm long, 0.7-2 cm wide, mainly 3-nerved, slightly plicate, thinly coriaceous. Racemes 10 cm long; peduncle slender, 20-30 cm tall, purple punctate; bracts ovate-lanceolate, 1-1.5 cm long. Flowers subspreading, purple or nearly white; sepals lanceolate, 1.6-1.8 cm long, 4-5 mm wide, acute at apex, slightly contracted at base; petals similar to the sepals but narrower; lip oblong in outline, white but with minute blackish dots, 12 mm long, 3-lobed, the lateral lobes semioblong, more or less embracing the column, the terminal lobe cordate, strongly crisped, emarginate at apex, 4-5-keeled, the keels