

**20. PETUNIA** Jussieu, Ann. Mus. Natl. Hist. Nat. 2: 214. 1803.

碧冬茄属 bi dong qie shu

Herbs, usually glandular hairy. Stems erect or reclining, branched. Leaves petiolate, simple, entire. Flowers solitary, axillary, somewhat actinomorphic. Calyx tubular-campanulate, deeply 5-parted. Corolla funnelform or salverform, tube gradually inflated upwards; lobes short, rounded or short pointed. Stamens inserted in corolla tube, included; filaments slender; anthers dehiscent longitudinally; disc glandular, entire or lobed. Ovary 2-locular; stigma indistinctly 2-lobed; ovules numerous. Fruit a dry, 2-valved capsule. Seeds minute, subglobose or ovoid, reticulate-pitted; embryo slightly curved or erect.

About three species: South America, one cultivated in China.

**1. *Petunia hybrida*** (J. D. Hooker) Vilmorin, Fl. Pleine Terre ed. 1. 615. 1863.

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*Petunia violacea* var. *hybrida* J. D. Hooker, Bot. Mag. 64: t. 3556. 1837.

Herbs annual, 30–60 cm tall, glandular hairy. Leaves short petiolate or sessile; leaf blade ovate, 3–8×1.5–4.5

cm, base cuneate, margin entire, apex acute. Pedicel 3–5 cm. Calyx deeply parted, 1–1.8 cm×3.5 mm; lobes linear, 1–1.5 cm×3.5 mm, obtuse. Corolla white, red, yellow, or purple, sometimes fragrant, funnelform, 5–7 cm, limb spreading. Style slightly exceeding stamens. Capsules conical, ca. 1 cm. Seeds subglobose, ca. 0.5 mm in diam.

Ornamental plant of hybrid origin, cultivated worldwide.