

6. VOACANGA Du Petit-Thouars, Gen. Nov. Madagasc. 10. 1806.

马铃薯属 ma ling guo shu

Trees or robust erect shrubs, latex present, branches dichotomous. Leaves opposite; petioles or leaf bases of a node often connate into a short ocrea, with a single row of colleters in axils. Cymes terminal, pedunculate. Flowers often fragrant. Calyx campanulate to cylindrical, with many basal glands inside. Corolla white or yellow, salverform, large, tube widened at base and at or above middle, shorter or only slightly longer than calyx, throat with a fleshy ring, not scaly, lobes spreading or recurved, overlapping to left. Stamens inserted in distal widening of corolla tube, exerted or included; anthers sessile, sagittate, coherent to pistil head; disc ringlike or of five lobes adnate to ovaries. Ovaries 2, free or fused basally; ovules numerous. Pistil head lampshade-shaped, apex shortly 2-cleft. Follicles 2, pendulous. Seeds numerous, embedded in pulp, not comose.

Twelve species: seven in Africa, five in SE Asia; two species cultivated in China.

- 1a. Calyx (when lobes erect) 5–7 mm, lobes 1.5–2.5 × as long as tube, 2.5–3.5 × as long as wide; follicles partly united, transversely broad ellipsoid, green or yellow; leaf blade with fishbone-like venation 2. *V. chalitiana*
1b. Calyx (when lobes erect) 7–19 mm, lobes 0.8–1.3 × as long as tube, 0.7–1.3(–1.7) × as long as wide; follicles free, obliquely subglobose, with pale green spots; leaf blade with less regular venation 1. *V. africana*

1. *Voacanga africana* Stapf, J. Linn. Soc., Bot. 30: 87. 1894.

非洲马铃薯 fei zhou ma ling guo

Trees to 10(–25) m tall. Bark pale gray-brown; branches lenticellate. Petiole short or absent; leaf blade obovate-oblong or obovate-elliptic, 7–41 × 3–20 cm, base cuneate or decurrent, apex obtuse or acute, glabrous on both surfaces or pubescent abaxially; lateral veins 8–22 pairs. Cymes 6–25 cm, usually many flowered. Calyx 0.7–1.9 cm, lobes broadly ovate to oblong. Corolla yellow or white, tube 0.7–1.5 cm, twisted; lobes obovate or elliptic, recurved, twisted in bud. Follicles obliquely subglobose, with pale green spots. Seeds dark brown, obliquely ellipsoid, 7–10 × 3.5–5 mm. $2n = 22$.

S Yunnan [introduced from W Africa].

Cultivated for its latex which is used as rubber adulterant.

2. *Voacanga chalitiana* Pierre ex Stapf in Dyer, Fl. Trop. Afr. 4(1): 158. 1902.

马铃薯 ma ling guo

Trees to 35 m tall, glabrous throughout except for corolla. Trunk to 80 cm in diam.; bark pale gray-brown; branches with some large lenticels. Petiole 1–3 mm; leaf blade elliptic to narrowly elliptic, 5.5–21 × 1.5–6.5 cm, base obtuse, apex acuminate; lateral veins 10–25 pairs. Pedicel 0.6–1.5 cm. Calyx lobes narrowly triangular, recurved. Corolla white, throat pale ochre; tube 5–7 mm, appressed pubescent inside, not twisted; lobes obliquely oblong, spreading, recurved later, not twisted in bud. Fruit green or yellow and yellow spotted, transversely broadly ellipsoid, 2.5–3 × 4.5–6.5 cm, 2–3 cm in diam., follicles fused at base. Seeds dark brown.

S Guangdong [native of Africa].

Cultivated for wood.

