

15. BISWAREA Cogniaux, Bull. Soc. Roy. Bot. Belgique 21(2): 16. 1882.

三裂瓜属 san lie gua shu

Lu Anmin (路安民 Lu An-ming); Charles Jeffrey

Warea C. B. Clarke, J. Linn. Soc., Bot. 15: 127. 1876, non Nuttall (1834).

Herbs, scandent. Tendrils 2-fid. Leaf blade 5–7-lobed. Plants dioecious; flowers yellow. Male flowers mostly racemose; calyx tube narrowly tubular below, dilated above and broadly campanulate, 5-partite; segments linear; corolla broadly campanulate, 5-partite; segments ovate, entire; stamens 3, inserted on calyx tube; filaments free; anthers connate, one 1-celled, others 2-celled; anther cells linear, triplicate; rudimentary ovary subulate. Female flowers: calyx and corolla as in male flowers; ovary oblong, with 3 placentas; styles filiform, elongate; stigmas 3, enlarged, ovules numerous, horizontal. Fruit oblong, 3-angled, 6-ribbed, fibrous, 3-valved nearly to base. Seeds compressed, smooth.

One species: SW China, NE India, Myanmar, Nepal.

1. *Biswarea tonglensis* (C. B. Clarke) Cogniaux, Bull. Soc. Roy. Bot. Belgique 21(2): 16. 1882.

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Warea tonglensis C. B. Clarke, J. Linn. Soc., Bot. 15: 129. 1876.

Stem and branches slender, puberulent or subglabrous. Petiole robust, 6–10 cm; leaf blade broadly ovate-cordate or suborbicular-cordate, 14–17 × 12–16 cm; lobes triangular-ovate, margin dentate, apex acute or acuminate. Male inflorescence usually 5–8-flowered; peduncle 8–10 cm; bracts 2–3 mm;

calyx tube ca. 3 cm, base ca. 3 mm in diam., apex ca. 15 mm in diam.; segments narrowly lanceolate, 6–7(–20) mm, puberulent, apex subulate; corolla segments ovate, 22–30 × ca. 11 mm; apex acute; filaments filiform, 4–5 mm, glabrous; anthers connected, ca. 7 mm; rudimentary ovary subulate, 8–9 mm. Female flower solitary; pedicel 25–30 mm; ovary densely tomentose, ca. 12 mm; calyx tube ca. 4.2 cm, apex ca. 11 mm in diam.; segments and corolla segments as in male flowers. Fruit 10–12 × 4–4.5 cm. Seeds numerous, pale brown, elliptic, 10–15 × 7–10 mm.

NW Yunnan [NE India (Darjeeling, Sikkim), Myanmar, Nepal].

