**Hugonia jenkinsii** F.Muell.

**Family:**
Linaceae


**Stem**
Vine stem diameters to 8 cm recorded. Blaze darkens markedly on exposure. Vascular rays visible but not conspicuous.

**Leaves**
Leaf blades about 8-16.5 x 2-5 cm, petioles about 0.2-1 cm long. Stipules small and inconspicuous, about 1 mm long. Tendrils or hooks resemble rams horns in shape.

**Flowers**
Inflorescence about 10-11 cm long. Flower buds orange-red, open flowers orange-yellow. Flowers about 15 mm diam. Flowers emit an odour resembling that of the fruit of purple passion fruit (*Passiflora edulis*). Outer sepals about 3 x 2 mm, inner sepals about 3 x 4 mm. Petals about 7-12 mm long. Stamens 10, filaments about 4-5 mm long. Anthers about 1 mm long. Ovary about 3 mm long. Styles and stigmas 5, each style about 2 mm long. Ovules two per locule, placentation apical.

**Fruit**
Fruits ellipsoid to almost globular, about 12-15 x 8-15 mm. Endocarps 5, shaped and oriented like the segments of an orange, each about 7-12 x 3-5 mm. Endocarps tough, hard to cut. Embryo about 6-7 x 1.5-2 mm. Cotyledons about 5.6 mm long. Radicle straight, about 1 mm long.

**Seedlings**
Cotyledons narrowly elliptic, about 11-14 x 3 mm. First pair of leaves +/- elliptic to elliptic-ovate, about 10 x 5 mm, leaf base attenuate, margin toothed. At the tenth leaf stage: seedling glabrous, leaf blade oblong-elliptic, about 25 x 7 mm, apex acute or acuminate, base attenuate, margin serrulate with about 20 teeth on each side; midrib raised on the upper surface. Stipules +/- 3-fid with a basal tooth on each side. Lower surface of the leaf blade surface clothed in pale, gland-like structures which are visible with a lens. A pair a narrow wings run down from the base of each petiole to the next leaf. Stipules linear or subulate, about 1-1.5 mm long. Seed germination time 37 days.

**Distribution and Ecology**
Occurs in CYP and NEQ. Altitudinal range from near sea level to 450 m. Grows in gallery forest, lowland and upland rain forest. Also occurs in Malesia.

**Synonyms**

**RFK Code**
2093
Vine stem bark and vine stem transverse section. © CSIRO