

Synima reynoldsiae P.I.Forst.

Family:

Sapindaceae

Forster, P.I. (2006) *Austrobaileya* 7: 286. Type: Queensland, Seamark Rd, Tarzali, 25 Nov. 2002, W. Cooper & W.T. Cooper WWC1798. Holo: BRI; Iso: A, L, MEL, MO, NSW, Z.

Common name:

Sarcotoechia, Mountain; Mountain Sarcotoechia

Stem

Attains the dimensions of a small to medium-sized tree (30-40 cm dbh). Blaze odour resembles that of Poison Peach (*Trema aspera*). A pale brown layer is usually visible beneath the subrhynchium layer but before the outer blaze. Sapwood surface corrugated.

Leaves

Leaflets about 4-6 in the compound leaf, each leaflet blade about 6-8 x 2-2.5 cm, entire. Leaflet stalks about 0.9 cm long, swollen at their junction with the compound leaf rachis. Leaflets much paler, almost white, on the underside. Lateral veins about 16-22 on each side of the midrib. Midrib depressed or +/- flush with the upper surface. Terminal buds clothed in pale brown, prostrate hairs.

Flowers

Inflorescences erect to decumbent, axillary or apparently terminal. Male flowers 2-4 x 2.5-5mm. Female flowers not seen at flowers, but apparently with no petals.

Fruit

Fruits +/- subglobose, 1-3-lobed, about 14-20 x 16-18 mm, calyx lobes persistent at the base. Valves thick and fleshy, villous on the inner surface, usually with pink hairs. Aril almost completely enclosing the seed except for a narrow lateral slit where the testa is brown and exposed. Elsewhere the testa appears white. Seeds ovoid, about 11-12 x 8-9 mm. Radicle about 1 mm long +/- tangential to the cotyledons.

Seedlings

First pair of leaves ovate, about 20-30 x 12-15 mm. At the tenth leaf stage: leaf blade +/- lanceolate, about 10-12 x 3-4 cm, apex acuminate, base cuneate or attenuate. Petiole, stem, and terminal bud clothed in pale brown, prostrate hairs. Seed germination time 17 to 20 days.

Distribution and Ecology

Endemic to NEQ. Altitudinal range from 800-1200 m. Grows in mountain rain forest.

Synonyms

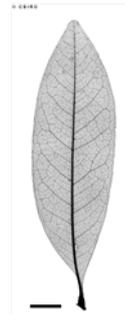
Sarcotoechia sp. **Mountain Sarcotoechia (WWC 100)**, : ().

RFK Code

1029



Fruit, side view, dehiscent and arillous seed. © W. T. Cooper



Scale bar 10mm. © CSIRO



1st leaf stage, hypogeal germination. © CSIRO



10th leaf stage. © CSIRO

Copyright © CSIRO 2020, all rights reserved.



