

# *Guioa montana* C.T.White

**Family:**

**Sapindaceae**

White, C.T. (1933) *Contributions from the Arnold Arboretum of Harvard University* 4: 61. Type: Mt. Bartle Frere, alt. 1200m., common in rain-forest on side of mountain, no. 1286 (flowering specimens), Oct. 24 ..

**Common name:**

Mountain Guioa

**Stem**

A pale brown layer generally visible beneath the subrhynchium layer before the first section of the outer blaze. Sapwood surface usually corrugated.

**Leaves**

Leaflet blades about 4-10 x 1.5-4 cm, much paler on the underside, gradually tapering into a short or very short, swollen leaflet stalk, apex rounded or ending in a prickly-like point. Generally 2-4 leaflets per compound leaf. Midrib slightly raised on the upper surface and lateral veins generally forming loops inside the blade margin.

**Flowers**

Calyx lobes about 2.5-3.5 mm long. Petals as long as the calyx. Each petal with a 2-lobed scale on the inner surface. Stamens eight. Disk complete.

**Fruit**

Capsules 3-lobed, about 12-16 x 20-25 mm overall. Aril completely enclosing the seed.

**Seedlings**

Cotyledons fleshy, venation obscure. First pair of leaves with opposite or alternate leaflets, leaflet margin serrate, petiole and rhachis winged. At the tenth leaf stage: leaflet blades elliptic or narrowly elliptic, puberulous on the lower surface; petiole not winged, rhachis not winged or very narrowly winged. Seed germination time 11 to 12 days.

**Distribution and Ecology**

Endemic to NEQ, restricted to the area between the Windsor Tableland and the Tully River, perhaps extending as far south as Mt Spec. Altitudinal range from 800-1200 m. Grows in well developed upland and mountain rain forest.

**RFK Code**

311



Flowers. © CSIRO



Leaves and Flowers. © CSIRO



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO



Web edition hosted at <https://apps.lucidcentral.org/rainforest>