Archidendron lucyi F.Muell.

**Family:**
Fabaceae


**Common name:**
Scarlet Bean; Bean, Scarlet

**Stem**
Seldom grows beyond 30 cm dbh. Blaze odour obnoxious, resembling that of rotten tomatoes (Lycopersicon esculentum).

**Leaves**
Leaflet blades rather large, about 13-20 x 6.5-11 cm, narrowed into a short, about 0.4-0.5 cm, dark, transversely wrinkled stalk. Depressed glands usually present on the upper surface, at the base and apex of the compound leaf petiole or at the base of the compound leaf petiole and at the apex of the primary compound leaf axis. Similar glands also present on the secondary axes between the attachment points of the leaflets.

**Flowers**
Inflorescences mainly on the stem. Flower odour like honeysuckle (Lonicera spp.) Flowers pedicellate, pedicels about 3-4 mm long. Staminal filaments cream, about 30-50 mm long.

**Fruit**
Fruit borne on the stem and larger branches but mainly on the stem. Fruits yellow or orange on the inner surface. Seeds about 10-16 x 8-10 mm.

**Seedlings**
First pair of leaves pinnate, each leaf with two leaflets, midrib on the upper surface, petiole and stem with a few very short, prostrate, pale hairs. At the tenth leaf stage: leaves and petioles glabrous; crater-like glands on the upper surface of the compound leaf at the apex of the petiole and on the secondary axes where the leaflets are attached; leaflet blades without glands. Seed germination time 11 days.

**Distribution and Ecology**
Occurs in NEQ. Altitudinal range from sea level to 100 m. Grows as an understory tree in coastal lowland rain forest. Also occurs in eastern Malesia and the Solomon Islands.

**Natural History & Notes**
A small tree suitable for tropical gardens. Produces very large compound leaves, panicles of white flowers from the trunk and branches and orange-red spiraled fruits that are yellow inside and have blue or blue-black seeds.

**Synonyms**

**RFK Code**
276