

Bischofia javanica Blume

Family:

Phyllanthaceae

Blume, C.L. von (1827) *Bijdragen tot de Flora van Nederlandsch Indie* No. 7: 1168. Type: Crescit in sylvis montanis, Provingium, Javae occidentalis.

Common name:

Java Cedar; Needle Bark; Cedar, Java; Beefwood

Stem

Large pale coloured fibres clearly visible in the dead bark flakes. Exudate emerges between layers in the blaze. Blaze darkens on exposure. Deciduous; leafless for a period in August or September.

Leaves

Stalk of the middle leaflet longer than those of the lateral leaflets. Compound leaf petiole quite long, about 7-20 cm. Leaflet blades about 7-14 x 4-7 cm.

Flowers

Flowers about 3 mm diam. Anthers enveloped in the tepals at the flower bud stage. Stigmas recurved, long and linear. Two ovules in each locule of the ovary.

Fruit

Fruiting pedicels sparsely pubescent. Fruits globular, about 9-10 mm diam. Seeds about 5 x 3 mm. Cotyledons +/- orbicular.

Seedlings

Cotyledons broadly spatulate to almost orbicular, about 10-12 x 8-9 mm. At the tenth leaf stage: stipules about 5-10 mm, base broad but narrow and linear shortly above the base. Seed germination time 20 to 21 days.

Distribution and Ecology

Occurs in NEQ. Altitudinal range from near sea level to 700 m. Grows in lowland and upland rain forest, usually in sheltered situations often near creeks and gullies. Also occurs in Asia, Malesia and the Pacific islands.

Natural History & Notes

This species may have medicinal properties and it may also be poisonous. (<http://squid2.laughingsquid.net/hosts/herbweb.com/herbage/A3605.htm>)

This species is not known to be poisonous but can cause sever tainting of milk. Everist (1974).

RFK Code

65



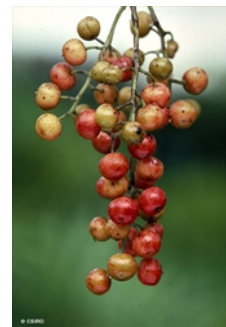
Female flowers. © Barry Jago



Male flowers. CC-BY J.L. Dowe



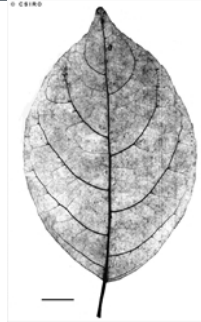
Fruits. © Barry Jago



Fruit. © CSIRO



Leaves and fruit. © CSIRO



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, Epigeal germination. © CSIRO

