

## *Notothixos leiophyllus* K.Schum.

### Family:

**Santalaceae**

Schumann, K.M. & Lauterbach, C.A.G. (1905) *Fl. Schutzgeb. Sudsee Nachtr.* : 260. Type: New Britain, 1895. *Botanica* 405.

Lecto: K, Fide Barlow (1983) *Brunonia* 6: 15; Iso: NSW.

### Leaves

Leaf blades brittle, breaking along a straight line when bent back on themselves. Leaf blades about 4-11 x 3-6 cm, petioles about 0.4-0.8 cm long. Leaf blades usually 3-veined, sometimes 5-veined. Terminal buds and young leaves clothed in golden plumose hairs. The upper surface of the leaf blades eventually becomes almost glabrous.

### Flowers

Inflorescence parts and flowers densely clothed in golden plumose or dendritic hairs, each hair resembling a miniature pine tree. Flowers borne in clusters (cymes) of 5-9 flowers. Central flowers (0-3) usually male. Male flowers: Flowers about 1-2 mm diam. Perianth lobes about 0.7 mm long. Stamens attached outside a fleshy disk. Anthers about 0.25 mm diam., staminal filaments very short. Female flowers: Flowers about 1-2.5 mm long. Tepals about 0.3-0.5 mm long. Style absent or very short. No locules or ovules visible in the ovary.

### Fruit

Fruits ellipsoidal or globular, up to 7-8 x 4.5 mm, tepals persistent at the apex. Fruits clothed in branched hairs each of which resembles a miniature pine tree. Seeds laterally compressed (flattened) about 2.5-7 x 1.5-3 mm, slightly pointed at one end and more or less rounded at the other. Seeds immersed in a sticky, gelatinous mucilage. Testa surface finely reticulate. Endosperm green, embryo darker green. Embryo comet-shaped, about 1.5-2 mm long, cotyledons very short, not as wide as the radicle.

### Seedlings

Features not available.

### Distribution and Ecology

Occurs in CYP and NEQ. Altitudinal range from sea level to 1100 m. Also found in the Philippines, Malesia and the Pacific islands.

### Natural History & Notes

Food plant for the larval stage of the Yellow-banded Jezabel Butterfly. Braby, M. (2000).

Parasitic on a variety on rain forest plants particularly Canarium and various species in Rutaceae.

### RFK Code

6035



Flowers. CC-BY J.L. Dowe



Fruit. CC-BY J.L. Dowe



Leaves, Flowers. © CSIRO



Leaves, Fruit. © CSIRO



Flowers. © CSIRO



Leaf. CC-BY J.L. Dowe



Leaf. CC-BY J.L. Dowe



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