

Litsea connorsii B.Hyland

Family:
Lauraceae

Hyland, B.P.M. (1989) *Australian Systematic Botany* 2: 259. Type: B. Gray 1302: State Forest Reserve 143 Riflemead, Windmill Logging Area, 1.iii.1979 (QRS, holotypus).

Common name:
Bollywood

Stem

Narrow brown or orange-brown fibres or stripes usually visible in the blaze. Blaze odour fairly conspicuous but difficult to describe.

Leaves

Twigs terete or slightly fluted, clothed in straight and tortuous, white or pale brown, appressed hairs when young, some of which persist on mature twigs. Leaf blades about 6.5-12 x 2-4 cm, green on the underside, clothed in straight, white or pale brown appressed hairs when young, soon becoming almost completely glabrous. Midrib depressed on the upper surface. Petioles flat on the upper surface. Oil dots visible with a lens. Circular insect galls usually present on most leaf blades.

Flowers

Male flowers: Tepals about 1.8-2.6 mm long. Glands attached to the staminal filaments. Stamens about 8-13 per flower, filaments hairy at least towards the base. Female flowers: Tepals about 1.3-1.7 mm long. Glands attached to the staminodes. Ovary glabrous.

Fruit

Fruits ellipsoid, about 15.5-19 x 8.5-13 mm. Receptacle about 5-9.5 x 8-11 mm. Seed about 11.5-14 x 8-9 mm. Cotyledons purple.

Seedlings

First pair of leaves ovate, about 27-47 x 13-23 mm, green on the underside. At the tenth leaf stage: leaves elliptic to ovate, apex shortly acuminate, upper surface hairy along the midrib, midrib depressed on the upper surface of the leaf blade; oil dots very small, visible only with a lens; petiole clothed in erect pale brown hairs. Seed germination time 20 to 32 days.

Distribution and Ecology

Endemic to NEQ, widespread throughout the area. Altitudinal range from 600-1200 m. Grows in rain forest and on rain forest margins particularly on soils derived from granite and acid volcanic rocks.

Natural History & Notes

This species seldom grows large enough to produce millable logs. Wood specific gravity 0.47. Hyland (1989).

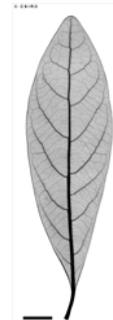
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Habit, flower, pistil, stamen, staminode, glands, fruit, seedling.

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Scale bar 10mm. © CSIRO



Cotyledon stage, hypogeal germination. © CSIRO



10th leaf stage. © CSIRO



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