

Beilschmiedia castrisinensis B.Hyland

Family:
Lauraceae

Hyland, B.P.M. (1989) *Australian Systematic Botany* 2: 150. Type: B. Hyland 12861: National Park Reserve 164 Mack. 10.11.1989 (QRS, holotypus).

Stem

A thin pale brown layer generally visible beneath the subrhynchium layer before the first section of the outer blaze.

Leaves

Twigs slightly fluted, clothed in straight, pale brown, appressed hairs. Leaf blades about 7.3-12.6 x 2.3-3.7 cm glaucous on the underside, clothed in straight, pale brown, appressed hairs when young but almost glabrous at maturity. Midrib raised or flush with the upper surface. Petioles flat on the upper surface. Oil dots visible with a lens. Lateral veins forming loops inside the blade margin. Pale brown lenticels usually obvious on the twigs.

Flowers

Tepals about 0.5-1 mm long. Stamens six. Staminodes six, not differentiated into heads and filaments. Ovary glabrous, +/- sessile.

Fruit

Fruits about 45-65 x 36-70 mm, wider than long, slightly bilobed and laterally compressed. Cotyledons cream or yellowish.

Seedlings

At the tenth leaf stage: leaf blade ovate, apex acuminate, underside glaucous; oil dots small but numerous, visible with a lens. Seed germination time 17 to 249 days.

Distribution and Ecology

Endemic to NEQ, restricted to the area between Bloomfield and the Daintree River. Altitudinal range from sea level to 660 m. Grows in well developed lowland and upland rain forest.

Natural History & Notes

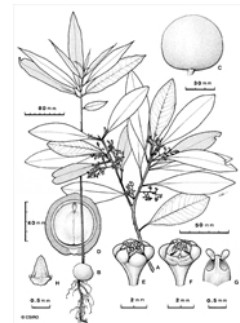
Wood specific gravity 0.87. Hyland (1989).

RFK Code

573



Fruit, side view, cross section and seed. © W. T. Cooper



Habit, flower, anther, staminode, fruit, seedling. © CSIRO



Scale bar 10mm. © CSIRO



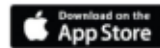
10th leaf stage. © CSIRO



10th leaf stage. © CSIRO



Cotyledon and 1st leaf stage, hypogeal germination. © CSIRO



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