

Chionanthus sleumeri (C.T.White) Stearn

Family:
Oleaceae

Stearn, W.T. (1995) *Kew Bull.* 50: 817.

Stem

A small tree not exceeding 30 cm dbh.

Leaves

Leaf blades about 14-29 x 3-8.5 cm, the apex with a long acuminate tip. Midrib raised on the upper surface. Lateral veins forming loops inside the blade margin.

Flowers

Calyx lobes about 4 x 1-1.5 mm. Petals about 8-10 x 3.5 mm, 3-5-veined. Ovules basal, ascending, two per locule.

Fruit

Fruits globular, about 30 mm diam. Seed globular, about 20-25 mm diam.

Seedlings

First pair of leaves +/- sessile, midrib raised on the upper surface of the leaf blade and lateral veins forming loops inside the blade margin. At the tenth leaf stage: leaf blade elongate-elliptic, apex acuminate, base shortly petiolate, glabrous, about 8-12 lateral veins each side of the midrib forming loops inside the blade margin. Midrib raised on the upper surface, petiole swollen. Cataphylls produced among the true leaves. Seed germination time 24 to 26 days.

Distribution and Ecology

Endemic to NEQ, restricted to the coastal strip between Cape Tribulation and Innisfail. Altitudinal range from sea level to 50 m. Grows as an understory tree in well developed lowland rain forest.

Synonyms

***Linociera coriacea* C.T.White**, *Proceedings of the Royal Society of Queensland* 47: 69(1936), Type: Mossman River Gorge, in rain-forest, L.J. Brass, 2125, February 9; holo: A?, BRI ?.

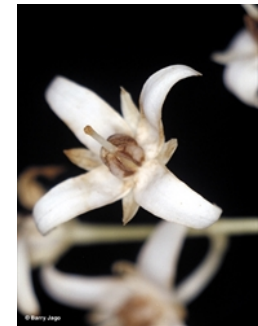
***Linociera sleumeri* C.T.White**, *Proceedings of the Royal Society of Queensland* 50: 82(1939), Type: Mossman River Gorge, in rain-forest, L.J. Brass, 2125, February 9; holo: A?, BRI ?.

RFK Code

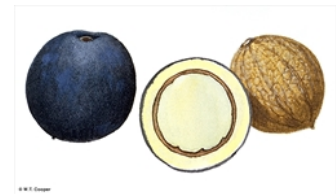
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Flower. © Barry Jago



Flower. © Barry Jago



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



Scale bar 10mm. © CSIRO



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Cotyledon stage, hypogeal germination. © CSIRO



10th leaf stage. © CSIRO



Cotyledon and 10th leaf stage, hypogeal germination. © CSIRO



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