

Neostrearia fleckeri L.S.Sm.

Family:

Hamamelidaceae

Smith, L.S. (1958) *Proceedings of the Royal Society of Queensland* 69: 46. Type: Qld, Cook District, Babinda Creek, Happy Valley, H. Flecker N.Q.N.C. No. 12775, May 1949.

Stem

A cream layer usually present beneath the subrhynchium layer.

Leaves

Stipules narrow, hair-like, about 3-4 mm long, stipular scars small and inconspicuous. Leaf blades about 12-18 x 3.5-7 cm, whitish on the underside. Oil dots visible with a lens.

Flowers

Inflorescence about 10-20 cm long, rather sparse. Flowers sessile. Calyx ferruginous stellate hairy. Petals linear, about 15-18 x 2 mm, coiled in the bud. Ovary immersed in the calyx tube, apex of the ovary stellate lepidote.

Fruit

Fruits sessile, half enclosed in the hypanthium, densely ferruginous stellate hairy or stellate lepidote. Seeds about 13 x 8 mm. Hilum white, large and conspicuous. Embryo very small, less than 1 mm long, cotyledons rounded at the apex.

Seedlings

Cotyledons +/- orbicular, about 13-16 x 16-19 mm, base cuneate or obtuse. At the tenth leaf stage: leaf blade obovate, apex acute, base cuneate, marginal teeth small and rather obscure; upper surface glabrous, undersurface slightly glaucous; a few small pale scales scattered on the underside of the leaf blade but visible only with a lens; oil dots small, numerous, visible with a lens; petiole, stem and terminal bud clothed in brown stellate scales. Seed germination time 20 days.

Distribution and Ecology

Endemic to NEQ, restricted to the area between the Daintree River and Innisfail. Altitudinal range from near sea level to 650 m. Grows in well developed lowland and foothill rain forest.

RFK Code

452



Flowers. © Barry Jago



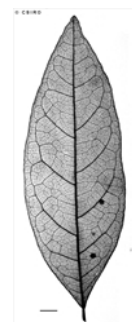
Flowers [not vouchered]. © G. Sankowsky



Leaves and flowers [not vouchered]. © G. Sankowsky



Habit, leaves and fruits. © B. Gray



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO

