Pullea stutzeri (F.Muell.) Gibbs

Family:
Cunoniaceae

Gibbs, L.S. (1917) *A Contribution to the Phytogeography and Flora of the Arfak Mountains* : 142.

Common name:
Alder, Hard; Hard Alder

Stem

Blaze darkens on exposure.

Leaves

Stipules about 5 mm long, quite conspicuous on young shoots, rounded or somewhat pointed at the apex. Leaf blades about 9-16 x 3.5-7.5 cm, gradually tapering into a short petiole. Lateral veins about 8 or 9 on each side of the midrib. Teeth about 10-25 on each side of the leaf blade.

Flowers

Tepals about 2 mm long, rounded at the apex. Stamens ten, filaments about 4-5 mm long. Red glands present between the staminal filaments and the ovary. Ovary villous. Styles about 4-5 mm long.

Fruit

Fruit about 3-4 mm diam. Tepals persistent as wings on the fruits. Styles persistent on the mature fruit. Seeds about 1 x 0.7-0.8 mm.

Seedlings

Cotyledons elliptic, about 3-4 mm long. At the tenth leaf stage: leaf blade elliptic or obovate, margin irregularly dentate and serrate from the base to the apex, upper surface hairy; petiole, stem and terminal bud densely hairy; stipules large, interpetiolar, ovate to obovate, hairy. Seed germination time 25 days.

Distribution and Ecology

Endemic to NEQ, widespread throughout the area. Altitudinal range from near sea level to 1500 m. Grows in well developed rain forest on a variety of rock types but tends to be more common along creeks and gullies.

Natural History & Notes

Produces a useful general purpose timber.

Wood specific gravity 0.83. Cause et al. (1989).

Synonyms

Callicoma stutzeri F.Muell. f. stutzeri, *Bibliotheca Botanica* 89(4): 709(1928). **Callicoma stutzeri F.Muell. var. stutzeri**, *Bibliotheca Botanica* 89(4): 709(1928). **Callicoma stutzeri F.Muell.**, *Fragmenta Phytographiae Australiae* 5: 31(1865), Type: In valli Dalrymples Gap ad sinum Rockinghams Bay. Dallachy. **Callicoma stutzeri var. subpubescens Domin**, *Bibliotheca Botanica* 89(4): 709(1928), Type: Rockingham Bay, Dallachy. **Callicoma stutzeri f. glabrifolia Domin**, *Bibliotheca Botanica* 89(4): 709(1928), Type: (none cited). [Given by R.D.Hoogland, Blumea 25 (1979) 490 as K. Domin s.n., `In den Regenwaldern bei Harveys Creek, I. 1910 (PR, n.v.). **Callicoma stutzeri var. glabrifolia Domin**, *Bibliotheca Botanica* 89(4): 709(1928), Type: (not cited). [Given by R.D.Hoogland, Blumea 25 (1979) 490 as K. Domin s.n., `In den Regenwaldern bei Harveys Creek , I. 1910 (PR, n.v.).

RFK Code

Flowers. © Barry Jago

Leaves and Flowers. © B. Gray

Scale bar 10mm. © CSIRO

10th leaf stage. © CSIRO

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Cotyledon stage, epigeal germination. © CSIRO

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