

Stenocarpus davallioides Foreman & B.Hyland

Family:

Proteaceae

Foreman, D.B. & Hyland, B.P.M. (1987) *Muelleria* 6: 419. Type: State Forest Reserve 143, North Mary Logging Area, 16 deg 20 S., 145 deg 15 E., Queensland, 4.ix.1975, B. Hyland 8374.

Common name:

Fern Leaved Stenocarpus; Fern Leaf Stenocarpus

Stem

Oak grain in the wood and a corresponding pattern in the inner blaze. Living bark layer rather thin.

Leaves

Oak grain in the twigs. Leaves very variable, simple leaves occurring high up in the crown while those on coppice shoots are very dissected, bipinnate or tripinnate and fern-like. Various intermediate leaf types occur elsewhere. Adult leaves simple, although some pinnate leaves are usually present. Simple leaf blades about 5-13 x 1-2 cm. Terminal buds and young shoots densely clothed in short, rusty brown hairs.

Flowers

Inflorescence shorter than the leaves, each umbel with up to 15, but usually 12 or fewer flowers. Peduncles about 1.5-4 cm long. Pedicels about 6-12 mm long. Tepals about 8-12 mm long, sparsely ferruginous-puberulent outside, glabrous inside. Stamens sessile, anthers about 1 mm long. Hypogynous gland horseshoe-shaped. Ovary stalked, ferruginous-pubescent, about 2 mm long, ovules about 5-8. Style recurved, about 3 mm long, glabrous or sparsely hairy. Pollen presenter a broad, oblique disk.

Fruit

Follicles about 6-7 x 0.3-0.6 cm. Seeds flat, with a narrow, oblong, terminal wing. Embryo about 7.5 x 2.5-3 mm.

Seedlings

Cotyledons obovate, 10-12 mm long. First pair of leaves compound, bipinnate, fern-like. At the tenth leaf stage: compound leaves finely tripinnate, leaflets sessile, apex finely pointed, often toothed or lobed. Seed germination time 24 days.

Distribution and Ecology

Endemic to NEQ, known naturally only from the Alexandra Logging Area, Thornton Peak and Mt Lewis. Altitudinal range from 650-1200 m. Grows in well developed upland and mountain rain forest.

RFK Code

615



Leaves and Flowers. © CSIRO



Dehiscent fruit and seeds. © W. T. Cooper



Habit, flower, fruit, seed, seedling. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



Scale bar 10mm. © CSIRO

