

Eutaxia

Low woody shrub. Leaves simple, lacking stipules or stipels, opposite, each pair at right angles to the pair above and below. Flowers small, yellow and red. Stamens 10, the filaments free to the base. Style hairless. Seeds strophiolate. An endemic Australian genus.

Eutaxia microphylla

Mallee bush pea

Dense woody shrub to 0.8m tall, 1.5m wide. Young stems usually hairless. Petiole minute. Leaf blade 1-6mm long, c. 1mm wide, broadest at or above the mid-point, slightly tapering towards the base, the tip bluntly pointed, usually hairless, the lower surface green, the upper lighter, blue-green, flat or with the margins rolled upwards.

Flowers solitary or paired in upper leaf axils, each on a c. 1mm pedicel with a pair of relatively broad bracteoles towards the tip. Calyx hairless or almost hairless, 2-3mm long, the sepals joined for c. $\frac{3}{4}$ their length. Standard yellow, strongly marked on the back with red, especially along the veins, and finely marked on the front with red along the veins, c. 5mm tall, 6mm wide, slightly indented at the tip. Wings yellow, c. 6mm long from base of calyx, the same length as the red-tipped keel.

Pod 4-5mm long, c. 2.5mm wide, hairy, plump, on a short stalk above the calyx, 2-seeded.



Eutaxia microphylla, Inglewood, 28°24'S, 151°17'E.

Distribution: D.D. Also N.S.W., Vic., S.A., W.A., Tas. In Queensland only known from around Inglewood.

Notes: Of no grazing significance in Queensland owing to its rarity; sparingly browsed in N.S.W. Nodulates.

References: 3, 111, 287, 298.

Flemingia

Herbs or shrubs with 1 leaflet or digitate with three leaflets. Stipels minute or none. Leaflets with yellow or red glandular dots on the lower surface. Flowers pink to red, white or greenish, lacking bracteoles. Stamens 10, 9 filaments joined for most of their length, 1 free. Style hairless. Pods 2-seeded.

Key to species

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|---|------------------------|
| 1. Leaves with 1 leaflet; leafy and overlapping bracts support single flowers | <i>F. strobilifera</i> |
| Leaves with 3 leaflets | 2 |
| 2. Flowers supported by leafy bracts | <i>F. involucreta</i> |
| Flowers not supported by leafy bracts | 3 |
| 3. Flowers many, in lax-branched panicles | <i>F. lineata</i> |
| Flowers in short, usually dense racemes | 4 |
| 4. Leaflets up to 150mm long; shrub to c. 2m tall | <i>F. macrophylla</i> |
| Leaflets less than 100mm long; plants to 0.6m tall | 5 |
| 5. Flowers 1-3 in a short axillary raceme; plants rhizomatous (northern) | <i>F. pauciflora</i> |
| Flowers many, in dense inflorescences to 80 mm long; plants 1-several stemmed from a thick tap-root | 6 |
| 6. Floral bracts c. 2mm long (common, widespread) | <i>F. parviflora</i> |
| Floral bracts c. 7mm long (rare, northern) | <i>F. schultzei</i> |