



Platylobium formosum, Glasshouse Mts, 26°54'S, 152°55'E.

Flowers in clusters of 2-4 at upper nodes and at the ends of short lateral branches, each flower borne on a hairy pedicel 5-10mm long which bears a pair of c. 3mm heart-shaped bracteoles at the tip. Calyx 8-12mm long, softly hairy, the two

dorsal sepals very large, c. 6mm broad, joined for c. $\frac{1}{2}$ their length, the teeth rounded, the other 3 sepals c. $\frac{1}{2}$ as long as the dorsal sepals, pointed. Standard yellow-orange, red towards the base, 11-17mm tall, 17-27mm wide, markedly indented at the tip. Wings yellow-orange, c. 15mm long from base of calyx, the same length as the yellow keel.

Pods 20-40mm long, including the c. 5mm stalk above the calyx, c. 15mm wide, flat, very hairy when young, narrowly ridged towards the upper margin, dark brown when ripe, containing c. 8 seeds.

Distribution: Mo., W.B. Also N.S.W., Vic., Tas. Sandy or rocky hillsides in the south-east.

Notes: Of no grazing significance. Nodulates.

References: 3, 17, 23, 26, 50, 154, 199, 287, 313, 337.

Prosopis

Trees or shrubs with bipinnate leaves. Flowers small, in dense axillary racemes. Stamens 10, the filaments free. Pods thick, many-seeded.

All *Prosopis* species in Queensland are believed to be of North or South American origin. The tree species *P. glandulosa* is naturalized in parts of D.D. and Bur. and *P. limensis* in Bk., D.D., G.N., Mi., N.K. and Wa.

Prosopis flexuosa

Woody spiny shrub branching largely from the base, up to 5m tall, 8m wide. Young stems covered with minute spreading hairs. Stipules c. 2mm long, narrow. Leaves pinnate, with paired 8-35mm straight spines in the axils and a single pair of 20-60mm long pinnae, each bearing 9-18 pairs of opposite leaflets. Petiole 3-40mm long.



Prosopis flexuosa, Quilpie-Adavale, 26°31'S, 144°18'E.

Leaflets 3-10mm long, 1-2.5mm wide, the margins parallel, rounded at each end, covered with minute spreading hairs on both surfaces.

Inflorescence a dense cream-coloured axillary raceme c. 60mm long including the short peduncle, 5-10mm wide. Flowers borne on c. 0.2mm pedicels. Calyx c. 1mm long, covered with spreading hairs, the teeth indistinct. Petals c. 3mm long.

Pod 100-140mm long, 7-9mm wide, straight or more or less irregularly curved, flat, minutely and indistinctly hairy, grey-green when ripe, containing c. 18 seeds.

Distribution: Wa. In Queensland known only from around Quilpie.

Notes: Of no grazing significance. Self-incompatible. *P. limensis* is a significant weed species in north-west Queensland. It is distinguished from *P. flexuosa* by its 2-5 pairs of pinnae. Most species of *Prosopis* nodulate.

References: 3, 174, 248.