

Distribution: D.D., G.N., Ma., Wa., W.B. Also N.S.W., Vic., S.A., W.A. Endemic to Australia.

Notes: A palatable species but in N.S.W. a

nuisance in sheep country as its burry pods contaminate wool. Nodulates.

References: 3, 111, 204, 287; as *G. psoraleoides*, 17.

Gompholobium

Low or tall-growing shrubs with leaves digitate or pinnate, the terminal leaflet always sessile, lacking stipels. Flowers yellow, orange or red, large and showy. Stamens 10, the filaments free to the base. Style hairless. Pods inflated, containing 6-12 seeds. A genus endemic to Australia and P.N.G.

Key to species

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| 1. Leaves pinnate, with 11 or more leaflets | 2 |
| Leaves digitate, with 3 leaflets | 3 |
| 2. Delicate shrub not exceeding c. 0.3m | <i>G. pinnatum</i> |
| Robust shrub to 1.5m (northern) | <i>G. nitidum</i> |
| 3. Keel conspicuously hairy along the margin | 4 |
| Keel not conspicuously hairy | 5 |
| 4. Leaflets flat or margins slightly downward curved, 1.5-5mm wide | <i>G. latifolium</i> |
| Leaflet margins rolled downwards, less than 1mm wide | <i>G. huegelii</i> |
| 5. Flowers orange to red, plants to 0.35m, spreading | <i>G. uncinatum</i> |
| Flowers yellow, plants to 1m tall | <i>G. virgatum</i> |

Gompholobium huegelii

Shrub to 1m tall. Stems almost hairless. Stipules c. 0.2mm long. Leaves digitate, with three leaflets, the petiole 0.5-2mm long. Leaflets 5-25mm long, c. 0.3mm wide, bristle-like, the margins rolled downwards, almost parallel, the tip narrowly pointed, hairless.

Flowers terminal, usually single, the peduncle c. 4mm long. Flower borne within the axil of a 1-2mm bract, on a 5-15mm pedicel which bears a pair of 1mm bracteoles around the mid-point. Calyx c. 9mm long, hairless except for a prominent fringe of hairs around the margins of the teeth, the two dorsal sepals joined for c. $\frac{3}{4}$ their length, the sepals otherwise joined for c. $\frac{1}{4}$ their length. Standard yellow, c. 15mm long. Keel with a dense fringe of hairs along the margin.

Pod up to 15mm long, inflated, hairless, containing 12 or more seeds.

Distribution: D.D. Also N.S.W., Vic., Tas. In Queensland restricted to the Stanthorpe area.

Notes: Of no grazing significance.

References: 26, 287, 298.

Gompholobium latifolium

Broad wedge pea, giant wedge pea, golden glory pea

Erect shrub to 3m tall. Stems almost hairless.

Stipules minute or lacking. Leaves digitate, with three leaflets. Petiole 1-3mm long. Leaflets 12-50mm long, 1.5-5mm wide, flat or with the margins slightly downward curved, broadest at or above the mid-point, the margins almost parallel above, tapering to the base, the tip usually rounded.

Flowers usually single, borne terminally or at the ends of short lateral branches within the axils of bracts which are bristle-like or have three "leaflets", these 2mm or more long, each flower on a c. 10mm pedicel which bears a pair of c. 1mm bristle-like bracteoles well below the calyx. Calyx c. 15mm long, hairless except for a fringe of hairs around the margins of the teeth, the two dorsal sepals joined for $\frac{3}{4}$ their length, the sepals otherwise joined for c. $\frac{1}{8}$ their length. Petals yellow, the standard c. 20mm tall, 25mm wide. Keel with a conspicuous dense fringe of white hairs along the margin.

Pod 15-25mm long, c. 10mm wide, inflated, hairless, brown when ripe, containing 12 or more seeds.

Distribution: D.D., Mo. Also N.S.W., Vic.

Notes: Of no grazing significance and of minor importance for honey bees.

References: 17, 26, 96, 97, 188, 196, 287, 298.

Gompholobium nitidum

Bushy shrub to 1.5m tall. Stems hairless. Stipules minute or absent. Leaves pinnate, with 3-7 pairs of opposite or almost opposite leaflets and a terminal leaflet. Petiole 1-4mm long, rachis 10-20mm long. Leaflets 4-20mm long, 1-5mm wide, broadest at or above the mid-point, the margins rolled downward, tapering to the base, curving to the broadly rounded or angled, often indented tip, hairless, dark green and shiny on the upper surface, grey-green and dull on the lower surface.

Flowers solitary, terminal on short branchlets, each on a c. 2mm pedicel which bears small bracteoles about halfway along its length. Calyx hairless, except for a fringe of hairs along the margins of the teeth, 8-13mm long, the sepals similarly joined for $\frac{1}{2}$ - $\frac{1}{2}$ their length. Standard yellow, c. 10mm tall, 13mm wide, deeply indented at the tip. Wings yellow, 9-13mm long from base of calyx, 2mm shorter than the dark-tipped keel.

Pod c. 5mm long, 8mm wide, inflated, hairless, purple-brown when ripe, containing c. 6 seeds. Seeds c. 3mm long, 2mm wide, oval.



Gompholobium sp. aff. *nitidum*, Iron Range, 12°45'S 143°15'E.

Distribution: Co., N.K. Also occasionally in P.N.G. A species of heath communities on northern subcoastal sands.

Notes: Of no grazing significance.

References: 17, 262, 306, 333.

Gompholobium pinnatum

Poor man's gold

Small delicate shrub with stems to 0.3m tall. Stems almost hairless. Stipules minute, bristle-like. Leaves pinnate with 4-15 pairs of leaflets



Gompholobium pinnatum, Childers, 25°12'S, 152°10'E.

and a terminal leaflet. Petiole c. 1mm long, rachis 6-30mm long. Leaflets 5-25mm long, 0.5-1mm wide, the margins curved or rolled downwards, more or less parallel or tapering to each end, almost hairless.

Inflorescence a loose terminal or axillary raceme 15-50mm long, including the 0-25mm peduncle. Flowers borne singly within the axils of narrow 1-2mm bracts, each on a 5-12mm pedicel which bears a pair of c. 1mm bracteoles well below the calyx. Calyx 6-11mm long, hairless, the sepals joined for c. $\frac{1}{2}$ their length. Standard yellow, c. 7mm tall, 10mm wide, indented at the tip. Wings yellow, c. 7mm long from base of calyx. Keel with a fringe of minute hairs along the margin.

Pod 6-10mm long, c. 7mm wide, inflated, hairless, containing c. 8 seeds.

Distribution: Co., Lei., Mo., P.C., W.B. Also N.S.W. A species of sandy soils in near-coastal areas.

Notes: Of no grazing significance. Nodulates.

References: 3, 17, 23, 26, 50, 97, 100, 154, 158, 188, 196, 283, 287, 298, 310, 312, 313, 324.

Gompholobium uncinatum

Low shrub to 0.35m tall, often forming a mat to 1m diameter. Stems spreading, reddish brown, often with a few white hairs. Stipules lacking. Leaves digitate, with three leaflets. Petiole 0.5-1mm long. Leaflets 5-9mm long, 0.5mm wide, the margins rolled downwards, bristle-like, hairless.

Flowers terminal, borne singly at the ends of short branchlets, each on a 3-6mm pedicel which bears a pair of c. 1mm bracteoles well below the calyx. Calyx c. 5mm long, hairless except for a

fringe of hairs along the tooth margins, the sepals similarly joined for c. $\frac{1}{3}$ their length. Corolla orange to red, the standard with a clear yellow patch at the base, c. 7mm tall, 9mm wide, indented at the tip. Keel crimson, pale greenish or white at the base, 5-7mm long, hairless or with a minute fringe of hairs along the margin.

Pod 8-10mm long, c. 6mm wide, inflated, hairless, light brown when ripe, containing about 6 seeds.

Distribution: D.D. Also N.S.W. Uncommon in Queensland, found only on sandy soils near Stanthorpe.

Notes: Of no grazing significance.

References: 26, 287, 298.

Gompholobium virgatum

Wallum wedge pea

Erect shrub to c. 1m tall. Stems almost hairless. Stipules minute. Leaves digitate, with three leaflets. Petiole 0.5-2mm long. Leaflets 10-30mm long, 1-5mm wide, the margins downward-curved or rolled and almost parallel or slightly tapering towards the base, the tip narrowly to broadly angled, rounded or indented, hairless.

Flowers borne singly, terminal on short branchlets, each on a 4-10mm pedicel which bears a pair of minute bracteoles well below the calyx. Calyx c. 9mm long, hairless except for a fringe of hairs along the tooth margins, the sepals similarly joined for c. $\frac{1}{4}$ their length. Standard yellow, c. 13mm tall, 18mm wide, indented at the tip. Wings yellow, c. 11mm long from base of calyx, about the same length as the dark-tipped keel

Goodia

Shrub with pinnate leaves with three leaflets, lacking stipules. Flowers large, yellow and red. Stamens 10, the filaments all joined for c. $\frac{1}{3}$ their length in a dorsally split tube. Style hairless. Pods containing 2-5 strophiolate seeds.

Goodia lotifolia

Golden tip, clover-leaved poison, clover tree

Erect open shrub to 3m tall, with spreading branches. Young stems densely covered with minute spreading hairs or hairless. Stipules c. 2mm long, narrow and pointed, adpressed, deciduous. Petioles 10-30mm long, rachis 3-13mm



Gompholobium virgatum, var. *virgatum*, Noosa, 26°24'S, 153°05'E.

which is partly fringed along the margin with minute hairs.

Pod 7-10mm long, c. 7mm wide, inflated, hairless, purple-brown when ripe, containing 6-8 seeds.

Key to varieties

Tips of leaflets indented, with a small mucro	var. <i>emarginatum</i>
Tips of leaflets not indented	2
Leaflet margins rolled downwards, the tip bluntly pointed	var. <i>aspalathoides</i>
Leaflets more or less flat, the tip ending in a downwards curved point	var. <i>virgatum</i>

Distribution: D.D., Mo., P.C., W.B. Also N.S.W.

Notes: Of no grazing significance. Nodulates.

References: 3, 17, 23, 26, 36, 50, 97, 154, 188, 196, 287, 298, 312, 313, 324, 332.

long, both hairless or sparsely but minutely hairy. Leaflets dark green above, grey-green below, 10-35mm long, 6-25mm wide, the laterals rather smaller than the terminal, broadest about the mid-point, rounded at the tip and somewhat tapered towards the base, covered with minute adpressed hairs on the lower surface only, minutely mucronate.