

Key to the legume families and genera occurring in Queensland

* Genera marked with an asterisk include only trees or large vines and are not considered further in this book.

Key to families:

- | | |
|--|----------------------------|
| 1. Flowers radially symmetrical; stamens often more than 10 and prominent
Flowers radially asymmetrical; stamens 10 or fewer | Mimosaceae
2 |
| 2. Flowers pea-like, the corolla consisting of a standard, two wings and a keel
consisting of two petals joined by their lower margin
Flowers cassia-like, the 5 (rarely 0-4) petals more or less similar, usually
yellow | Fabaceae
Caesalpinaceae |

Mimosaceae: Key to genera

- | | |
|---|--|
| 1. Stamens more than 10
Stamens 10 or fewer | 2
10 |
| 2. Pod splitting longitudinally along 1 or both margins
Pod not splitting along the margins | 3
7 |
| 3. Flowers with 2-5 carpels (trees)
Each flower with 1 carpel | <i>Archidendron</i> *
4 |
| 4. Stamen filaments free or slightly fused at the base (shrubs or trees)
Stamen filaments fused into a tube | <i>Acacia</i>
5 |
| 5. Pod curved or twisted when ripe, the two sides coiled into spirals (trees)
Pod straight, the two sides not coiled (trees) | 6
<i>Archidendropsis</i> *
(<i>Albizia</i>) |
| 6. Leaflets alternate

Leaflets opposite | <i>Pararchidendron
pruinatum</i> *
(<i>Pithecellobium</i>)
<i>Archidendron</i> * |
| 7. Stamen filaments free or slightly fused at the base
Stamen filaments more or less fused into a tube | <i>Acacia</i>
8 |
| 8. Pods much constricted between the seeds (tree)
Pods not or scarcely constricted between the seeds | <i>Cathormion umbellatum</i> *
9 |
| 9. Pod with a wall between the seeds (tree)
Pod with no wall between the seeds (trees) | <i>Samanea saman</i> *
<i>Albizia</i> * |
| 10. Pods splitting longitudinally along 1 or both margins
Pods not splitting along margins | 11
15 |
| 11. Trees
Shrubs or herbs | 12
13 |
| 12. Seeds brightly coloured
Seeds brown to reddish brown | <i>Adenanthera</i> *
<i>Leucaena leucocephala</i> |
| 13. Woody shrubs; pods 80-120mm long
Herbs or soft-stemmed shrubs; pods 7-80mm long | <i>Leucaena leucocephala</i>
14 |

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| 14. All flowers with fertile stamens; pods 35-80mm long, 3-4mm wide
Usually lower flowers sterile, with petal-like stamens, pods 7-26mm long, 5-13mm wide | <i>Desmanthus virgatus</i> |
| 15. Woody climbers; fruits more than 300mm long
Herbs, shrubs or small trees | <i>Neptunia</i>
<i>Entada*</i>
16 |
| 16. Herbs or tangled shrubs; stems covered in spines or bristles between the nodes
Shrubs or trees; stems not covered with spines or bristles between the nodes | <i>Mimosa</i>
17 |
| 17. Stems with pairs of long spines at each node
Stems with single spines consisting of short, modified axillary branches | <i>Prosopis</i>
<i>Dichrostachys</i> |

Caesalpinaceae: Key to genera

- | | |
|--|--|
| 1. Leaves simple or with a single leaflet
Leaves with 2-many leaflets or reduced to phyllodes | 2
4 |
| 2. Tip of leaf blade extending into a point (tree)
Leaves bilobed, not as above | <i>Barklya syringifolia*</i>
3 |
| 3. Plants dioecious with male and female trees; stamens 10 (tree)
Plants bisexual; stamen 1 (in the Queensland species) (tree) | <i>Piliostigma mabaricum*</i>
<i>Bauhinia monandra*</i> |
| 4. Leaves reduced to phyllodes
Leaves with 2-many leaflets | <i>Cassia</i>
5 |
| 5. Leaves bipinnate (sometimes with 1 pair of pinnae and a minute petiole— <i>Parkinsonia</i>)
Leaves not bipinnate | 6
10 |
| 6. Style with a broad peltate stigma (tree)
Style with a small or truncate stigma | <i>Peltophorum*</i>
7 |
| 7. Leaflets 2-4mm long, the rachis conspicuously flattened
Leaflets more than 5mm long | <i>Parkinsonia aculeata</i>
8 |
| 8. Flowers large, brightly coloured, borne on pedicels (vines or sprawling shrubs)
Flowers small, greenish, almost sessile, in cylindrical spikes | <i>Caesalpinia*</i>
9 |
| 9. Leaflets few, up to 50mm wide (tree)
(extremely toxic to livestock)
Leaflets numerous, usually less than 10mm wide (tree) | <i>Erythrophleum chlorostachys*</i>
<i>Gleditsia triacanthos*</i> |
| 10. Leaves without a terminal leaflet, leaflets even-numbered
Leaves with a terminal leaflet, the leaflets odd-numbered | 11
19 |
| 11. Anthers opening by terminal pores or short slits; stamens 10, often several reduced to staminodes
Anthers opening by longitudinal slits | <i>Cassia</i>
12 |
| 12. Petals 1 or 3, the remainder reduced or absent
Petals 5 | 13
14 |
| 13. Leaves with 1-2 pairs of leaflets (tree)
Leaves with 10-20 pairs of leaflets (tree) | <i>Intsia bijuga*</i>
<i>Tamarindus indica*</i> |
| 14. Petals narrow, 12-18mm long, linear (tree)
Petals broader | <i>Maniltoa lenticellata*</i>
15 |
| 15. Leaflets 1-2 pairs
Leaflets numerous | 16
17 |
| 16. Leaves with 1 pair of leaflets; pods flat, several-seeded (trees or shrubs)
Leaves with 1-2 pairs of leaflets; pods wrinkled, 1-seeded (tree) | <i>Lysiphyllum</i>
<i>Cynometra iripa*</i> |
| 17. Flowers greenish, small, almost sessile (tree)
Flowers yellow and showy, borne on distinct pedicels | <i>Gleditsia triacanthos*</i>
18 |
| 18. Leaflets 2-4mm long, numerous
Leaflets more than 10mm long, 6-8 in number (tree) | <i>Parkinsonia aculeata</i>
<i>Haemotoxylum campechianum*</i> |
| 19. Style flattened, petal-like
Style not petal-like | <i>Petalostylis labicheoides</i>
20 |

- | | |
|---|--|
| 20. Petals absent (tree)
Petals 4 or 5, yellow | <i>Crudia papuana*</i>
21 |
| 21. Leaflets 100-200mm long, 50-100mm wide (tree)
Leaflets up to 60mm long, 25mm wide (shrubs) | <i>Storckiella
australiensis*</i>
<i>Labichea</i> |

Fabaceae: Key to genera

- | | |
|---|--------------------|
| 1. Leaves absent or reduced to slender petioles, spines or scales
Leaves present | GROUP 1
2 |
| 2. Leaves simple or with a single leaflet
Leaves with 2 or more leaflets | GROUP 2
3 |
| 3. Leaflets even in number, the rachis often ending in a bristle or tendril
Leaflets odd in number, the rachis ending in a leaflet | GROUP 3
4 |
| 4. Leaflets 5 or more; rarely some leaves with 3 leaflets
Leaflets 3 | GROUP 6
5 |
| 5. Leaves digitate, all 3 leaflet stalks equal
Leaves pinnate or appearing pinnate, the terminal leaflet on a longer stalk than the laterals | GROUP 4
GROUP 5 |

Key to Group 1

- | | |
|--|--------------------------------------|
| 1. Leaves reduced to slender petioles up to 100mm or more long; flowers yellow
Leaves reduced to scales or spines | <i>Viminaria juncea</i>
2 |
| 2. Leaves reduced to spines
Leaves not reduced to spines | <i>Ulex europaeus</i>
3 |
| 3. Stamen filaments all joined in a dorsally split tube
Stamen filaments all free | <i>Bossiaea</i>
4 |
| 4. Upper 2 calyx lobes much enlarged and mostly united; pod globular
Not as above | <i>Sphaerolobium vimineum</i>
5 |
| 5. Pod 2-seeded, with a longitudinal partition; stems ending in sharp spines
Not as above | <i>Mirbelia viminalis</i>
6 |
| 6. Ovules 2
Ovules c. 10-15 | <i>Jacksonia</i>
<i>Leptosema</i> |

Key to Group 2

- | | |
|---|--|
| 1. Stamens free or united only at the base
Stamens variously united | 2
12 |
| 2. Ovaries and pods divided by a longitudinal partition
Not as above | <i>Mirbelia</i>
3 |
| 3. Ovules 2 (pods 1-2 seeded)
Ovules 4 or more (pods usually with 3 seeds or more) | 4
10 |
| 4. Pods triangular, flattened
Not as above | <i>Daviesia</i>
5 |
| 5. Flowers large, red, in terminal or axillary racemes
Not as above | <i>Gastrolobium
grandiflorum</i>
6 |
| 6. Leaves in opposite pairs, each pair at right angles to the pair above and below
Leaves not as above | <i>Eutaxia microphylla</i>
7 |
| 7. Bracteoles persistent, close to or joined to the calyx
Bracteoles absent or small and separate from the calyx | 8
9 |
| 8. Stamens more or less joined to petals at base
Stamens free from petals | <i>Phyllota phyllicoides</i>
<i>Pultenaea</i> |

9. Leaves with downward-rolled margins, alternate or whorled; standard little wider than tall
Leaves with upward-rolled margins, alternate; standard c. twice as wide as tall
Aotus
Dillwynia
10. Leaves mostly opposite or whorled
Leaves alternate
Oxylobium
11
11. Sepals joined for more than ½ their length; standard not purple-veined on the back
Sepals joined for less than ½ their length; standard usually purple-veined on the back
Chorizema parviflorum
Isotropis
12. Pods jointed, divided into 2 or more 1-seeded articles which usually fall apart at maturity
Pods not jointed
13
16
13. Pods coiled, covered in pointed spines
Not as above
Scorpiurus muricatus
14
14. Pod folded zig-zag fashion, enclosed by the calyx
Pod straight or curved, not enclosed by the calyx
Uraria
15
15. Pod compressed and constricted between the articles
Pod more or less cylindrical, not very compressed and scarcely constricted between the articles
Desmodium
Alysicarpus
16. Hairs medifixed (often with one arm much longer than the other)
Hairs attached by the base
17
18
17. Woody shrub to 3m tall
Herbs
Hovea longipes
Indigofera
18. Stamens all united, at least towards the base, in a sheath split along the upper side
Stamens all or mostly united but not as above (usually 9 filaments joined, 1 free)
19
25
19. Anthers alternately long and short, the long ones more than 1.5 times the length of the short ones
Anthers equal in length or if dissimilar (*Hovea*, *Templetonia*), not greatly so
Crotalaria
20
20. Flowers blue or purple; pod not or scarcely longer than broad, inflated
Flowers yellow to red or orange; pod usually more than 1.5 times as long as broad (except in *Platylobium*)
Hovea
21
21. Calyx as long as and hooded over the standard; sparse shrub with stems covered with rust-coloured hairs
Not as above
Lamprolobium fruticosum
22
22. Leaves alternate
Leaves opposite
23
24
23. Pod with thickened ridge along the edge
Pod not thickened along edge
Bossiaea
Templetonia
24. Pod winged along upper margin; upper calyx lobes enormous
Pod with thickened ridge along upper margin but not winged; upper calyx lobes smaller
Platylobium formosum
Bossiaea
25. Ovule 1
Ovules 2 or more
26
27
26. Leaflets gland-dotted; flowers purple or white
Leaflets not gland-dotted; flowers orange
Psoralea
Paratephrosia lanata
27. Flowers supported by large (12-35mm) green-pink bracts
Flowers not supported by large bracts
Flemingia strobilifera
28
28. Ovules 2; erect herb
Ovules 4-8; plants with trailing stems
Eriosema chinense
29
29. Standard hairy on the back; leaflets 1.5-6mm wide
Standard hairless; leaflets 10-50mm wide
Tephrosia simplicifolia
Hardenbergia violacea

Key to Group 3

- | | |
|--|-----------------------------|
| 1. Leaf rachis ending in a tendril | 2 |
| Leaf rachis not ending in a tendril | 3 |
| 2. Leaflets 2 | <i>Lathyrus</i> |
| Leaflets 4-many | <i>Vicia</i> |
| 3. Seeds red and black, the pods and seeds persistent; stamens 9; climbers | <i>Abrus precatorius</i> |
| Seeds not as above; stamens 10; not climbers | 4 |
| 4. Leaflets 2 | <i>Zornia</i> |
| Leaflets 4 or more | 5 |
| 5. Pod coiled in a spiral, wheel-like in appearance | <i>Cyclocarpa stellaris</i> |
| Pod not as above | 6 |
| 6. Pod folded zig-zag fashion, enclosed by the calyx | <i>Smithia</i> |
| Pod straight or curved, not as above | 7 |
| 7. Leaflets 4; pod ripening underground | <i>Arachis hypogaea</i> |
| Leaflets 6-many; pod not ripening underground | 8 |
| 8. Pods cylindrical, not jointed | <i>Sesbania</i> |
| Pods laterally compressed and separating into 1-seeded articles | <i>Aeschynomene</i> |

Key to Group 4

- | | |
|---|--------------------------------|
| 1. Stamens all free; flowers yellow to red, usually large and showy | <i>Gompholobium</i> |
| Stamens variously united | 2 |
| 2. Creeping annual herb; bracteoles 4 | <i>Kummerowia striata</i> |
| Bracteoles 2 or lacking | 3 |
| 3. Herbs with medifixed hairs | <i>Indigofera</i> |
| Herbs or shrubs; hairs not medifixed | 4 |
| 4. Leaves dotted with resin glands, at least on the lower surface | 5 |
| Leaves not gland-dotted | 7 |
| 5. Pods 1-seeded, not dehiscent | <i>Psoralea</i> |
| Pods with 2 or more seeds, dehiscent | 6 |
| 6. Pods 2-seeded | <i>Flemingia</i> |
| Pods 3-4 seeded, flowers yellow | <i>Cajanus confertiflorus</i> |
| 7. Leaflet margins conspicuously toothed | <i>Trifolium</i> |
| Leaflet margins not toothed | 8 |
| 8. Pod 2-seeded, breaking up at maturity; stipules long, joined | <i>Dicerma biarticulatum</i> |
| Pod 1-many seeded, not breaking up at maturity | 9 |
| 9. Stipels present; prostrate, twining or rarely erect herbs | <i>Glycine</i> |
| Stipels lacking | 10 |
| 10. Herbs with long, prostrate or trailing stems | 11 |
| Shrubs or herbs; stems not prostrate | 13 |
| 11. Flowers single, rarely 2-3, leaf-opposed | <i>Muelleranthus</i> |
| Flowers in few-many flowered racemes, axillary or leaf-opposed | 12 |
| 12. Racemes axillary, with few pink-red flowers; leaflets 35-140mm long | <i>Tephrosia simplicifolia</i> |
| Racemes leaf-opposed, dense, the flowers yellow; leaflets 4-40mm long | <i>Lotononis bainesii</i> |
| 13. Shrubs with white flowers in umbels | <i>Chamaecytisus palmensis</i> |
| Shrubs or herbs; flowers variously coloured, in short or long racemes | 14 |
| 14. Herbs; pods enclosed within the calyx, few-seeded | <i>Trifolium</i> |
| Herbs or shrubs; pods much exerted from the calyx, mostly many-seeded | <i>Crotalaria</i> |

Key to Group 5

- | | |
|---------------------------|---|
| 1. Trees | 2 |
| Herbs or shrubs or lianes | 5 |

- | | |
|---|--|
| 2. Flowers red; branches usually prickly (trees)
Flowers white to pinkish; branches not prickly | <i>Erythrina*</i>
3 |
| 3. Pods breaking up at maturity into 1-seeded articles
Pods not breaking up at maturity | <i>Dendrolobium umbellatum</i>
4 |
| 4. Pods 1-seeded; racemes to 200mm long (large tree)
Pods 1-2 seeded; racemes 5-60mm long (climber-shrub-small tree) | <i>Pongamia glabra*</i>
<i>Dalbergia</i> |
| 5. Hairs mostly medifixed; leaflets often gland-dotted
Hairs attached by the base | <i>Indigofera</i>
6 |
| 6. Leaflets dotted with resin glands, at least on the lower surface
Leaflets not gland-dotted | 7
10 |
| 7. Pods 1-seeded, indehiscent; flowers small, purple or cream
Pods 2-several seeded, dehiscent; flowers yellow | <i>Psoralea</i>
8 |
| 8. Pods 2-seeded
Pods 2-several seeded | <i>Rhynchosia</i>
9 |
| 9. Pods not depressed or grooved between the seeds; slender twining herbs with small flowers
Pods depressed or grooved between the seeds; large-flowered shrubs or small or large-flowered twining or trailing herbs | <i>Dunbaria</i>
<i>Cajanus</i> (incl. <i>Atylosia</i>) |
| 10. Robust woody climbers with leaflets exceeding 50mm long and large flowers more than 20mm long
Not as above | 11
14 |
| 11. Keel longer than standard; flowers green, white to cream or pale lilac; pod narrowly winged along each margin
Keel more or less equal to standard; pod not as above | <i>Mucuna gigantea*</i>
12 |
| 12. Keel with a long beak, much exceeding wings
Keel without a long beak, equal to wings | <i>Strongylodon ruber*</i>
13 |
| 13. Pods 20-65mm wide, not covered with long hairs
Pods 10-12mm wide, densely covered with long, rust-coloured hairs | <i>Dioclea reflexa*</i>
<i>Pueraria</i> |
| 14. Margins of leaflets conspicuously toothed; non-twining herbs
Margins of leaflets not toothed, or if toothed, then plant twining (<i>Pachyrhizus</i>) | 15
18 |
| 15. Pods enclosed in calyx; leaves digitate but appearing pinnate
Pods longer than calyx; leaves pinnate | <i>Trifolium</i>
16 |
| 16. Pods straight, 2-5mm long, containing 1, rarely 2 seeds
Pods curved or spirally coiled | <i>Melilotus</i>
17 |
| 17. Pods spirally coiled or curved, usually indehiscent
Pods 9-15mm long, curved, eventually dehiscent | <i>Medicago</i>
<i>Trigonella suavissima</i> |
| 18. Stipels absent
Stipels present | 19
26 |
| 19. Pods 1- or 2-jointed, ending in a hooked beak; flowers small, yellow
Pods not as above; flowers variously coloured | <i>Stylosanthes</i>
20 |
| 20. Pods c. 4.5mm long, single-seeded; low shrub to 1.2m; flowers white with purple markings
Pods more than 8mm long | <i>Lespedeza juncea</i>
21 |
| 21. Pods 1-2 seeded
Pods several seeded | 22
23 |
| 22. Leaflets grey, opposite; flowers orange
Leaflets green, alternate; flowers white or yellowish white | <i>Paratephrosia lanata</i>
<i>Dalbergia</i> |
| 23. Calyx as long as and hooded over the standard; flowers yellow; sparse-stemmed shrub covered in rust-coloured hairs
Calyx shorter than standard | <i>Lamprolobium fruticosum</i>
24 |
| 24. Flowers yellow, with red-purple markings; inflorescence a leaf-opposed or terminal raceme
Flowers purple or orange | <i>Goodia lotifolia</i>
25 |

25. Standard hairy on the back
Standard hairless
Tephrosia
Swainsona
26. Flowers and pods in clusters largely enclosed by 20-46mm boat-shaped bracts;
twining herb
Flowers and pods not enclosed as above
Phylacium bracteosum
27
27. Pods jointed, usually separating into 1-seeded articles (splitting along lower
margin in some species of *Desmodium*)
Pods not jointed, not separating into 1-seeded articles
28
32
28. Flowers in clusters in axils of prominent bracts consisting of 2 "leaflets"
Not as above
Phyllodium
29
29. Flowers in clusters in leaf axils; stipules deciduous; woody shrubs or small
trees
Flowers usually in elongated racemes; stipules persistent; herbs or herbaceous
shrubs
Dendrolobium umbellatum
30
30. Pods folded zig-zag fashion, enclosed by the calyx
Pods straight or curved, not enclosed by the calyx
Uraria
31
31. Pods 2-seeded; stipules 3-pointed, up to 33mm long
Pods usually several-seeded; stipules not as above
Dicerma biarticulatum
Desmodium
32. Pods more or less S-shaped, densely covered with brown hairs and with a
longitudinal rib on either side; annual or weakly perennial vine
Pods not as above
Mucuna pruriens
33
33. Style hairy (bearded) in the upper half
Style hairless in the upper half, sometimes with short hairs and minute hairs
around stigma (*Macrotyloma*)
34
40
34. Standard hairy on the back; flower 50-60mm long
Standard mostly hairless on the back; flowers usually smaller
Clitoria laurifolia
35
35. Style abruptly divided into a thin basal part and thickened upper part
Style uniformly thick or thin, or tapering (broadening towards the tip in
Pachyrhizus)
36
38
36. Thickened part of style and keel twisted through more than 360°; standard
white to pink, wings pale
Thickened part of style twisted through less than 180°
Phaseolus lunatus
37
37. Style bent through 90° just above the base of the thickened part; wings
reddish to blackish purple
Style not bent as above, variously and smoothly curved; flowers yellow, blue
or purple
Macroptilium
38. Leaflets up to 200mm wide, shallowly lobed to coarsely toothed; climber with
stems from a 4-lobed tuber
Not as above
Vigna
39. Style flattened laterally; pods 12-20mm wide
Style not flattened laterally; pods c. 7mm wide
Pachyrhizus erosus
39
Lablab purpureus
Dipogon lignosus
40. Leaflets large, broadest towards the tip and almost heart-shaped, shortly
pointed at the end of the midrib
Leaflets not as above
Vandasina retusa
41
41. Pods more than 20mm wide
Pods less than 15mm wide
42
43
42. Pods 80-400mm long, many-seeded; woody climbers or perennial herbs
Pods 30-55mm long, 1 or 2-seeded; erect shrub or woody climber
Canavalia
*Derris trifoliata**
43. Pods conspicuously inflated; herbs or low herbaceous shrubs
Pods not conspicuously inflated
Pycnospora lutescens
44
44. Flowers small, blue, in sessile or stalked clusters; pods transversely grooved
Not as above
Calopogonium mucunoides
45
45. Flowers single or clustered in leaf axils
Flowers in axillary racemes, sometimes also with single flowers in lower leaf
axils
46
48

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|---|--|
| 46. Bracteoles conspicuous; flowers pink, 1-2 on axillary peduncles
Bracteoles narrow | <i>Austrodolichos
errabundus</i>
47 |
| 47. Dorsal sepals joined to the tip or almost to the tip; flowers greenish yellow
Dorsal sepals separate in the upper part, flowers pinkish to purplish | <i>Macrotyloma
Glycine</i> |
| 48. Pods with prominent longitudinal ribs near the margins; flowers bluish-purple, inverted, the standard 20-30mm wide
Pods without prominent longitudinal ribs; flowers not inverted | <i>Centrosema pubescens</i>
49 |
| 49. Flowers more than 12mm long
Flowers less than 12mm long | 50
52 |
| 50. Bracteoles lacking; seeds with a strophiole; prostrate or twining herbs with dark purple or red flowers
Bracteoles present, often deciduous; seeds lacking a strophiole | <i>Kennedia</i>
51 |
| 51. Leaflets 25-70mm long; delicate twining plant with pink flowers
Leaflets 80-200mm long; robust twining plant with purple and yellow flowers | <i>Galactia muelleri
Pueraria</i> |
| 52. Seeds with a strophiole; bracteoles lacking; slender twining or trailing herb with dark purple flowers (rare)
Seeds lacking a strophiole; bracteoles present (widespread and common) | <i>Hardenbergia
perbrevidens</i>
53 |
| 53. Flowers single on raceme axis; calyx 5-lobed, the two dorsal sepals not totally joined
Flowers in clusters of 2-7 on raceme axis; calyx 4- or 5-lobed | <i>Glycine</i>
54 |
| 54. Robust twining perennial with leaflets to 125mm wide; pods hanging downwards
Delicate perennial twining or trailing herb; pods erect or spreading | <i>Neonotonia wightii
Galactia</i> |

Key to Group 6

- | | |
|---|--|
| 1. Trees | 2 |
| Shrubs, herbs or lianes | 8 |
| 2. Stamens free or filaments rarely united at base
Filaments mostly united | 3
5 |
| 3. Pod 40-60mm broad, woody, not constricted between the seeds; flowers 30-40mm long, orange or red
Pod less than 30mm broad, constricted between the seeds; flowers up to 20mm long | <i>Castanospermum australe*</i>
4 |
| 4. Pod 20-25mm broad, undulating over the seeds
Pod less than 10mm broad, greatly constricted between the seeds; flowers yellow | <i>Ormosia ormondii*</i>
<i>Sophora</i> |
| 5. Stipules becoming spine-like; deciduous trees usually with white flowers
Stipules not becoming spine-like | <i>Robinia pseudacacia*</i>
6 |
| 6. Pod breaking up into indehiscent 1-seeded articles (small tree or shrub)
Pod indehiscent, more or less flat | <i>Ormocarpum
cochinchinensis*</i>
7 |
| 7. Leaflets alternate
Leaflets opposite | <i>Dalbergia
Pongamia*</i> |
| 8. Woody lianes
Shrubs, herbs or slender-stemmed twining plants | 9
11 |
| 9. Wing petals greatly reduced; style exerted
Not as above | <i>Austrosteenisia*</i>
(<i>Kunstleria</i>)
10 |
| 10. Pods dehiscent, woody, plump
Pods indehiscent, flat | <i>Milletia*</i>
<i>Derris*</i> |
| 11. Leaves digitate
Leaves pinnate | 12
14 |

- | | |
|--|---|
| 12. Leaflets dotted with black glands; flowers small, purple
Leaflets not gland-dotted; flowers large, showy | <i>Psoralea tenax</i>
13 |
| 13. Pods compressed, constricted between the seeds
Pods inflated, not constricted between the seeds; flowers yellow | <i>Lupinus</i>
<i>Crotalaria</i>
15
17 |
| 14. Majority of hairs medifixed
Hairs not medifixed | <i>Swainsona</i>
16 |
| 15. Style hairy (bearded) in the upper part
Style hairless in the upper part | <i>Astragalus hamosus</i>
<i>Indigofera</i> |
| 16. Flowers white or yellow; pods strongly curved
Flowers pink, red or purple; pods straight or curved, rarely strongly curved | <i>Lotus</i>
18 |
| 17. Herbs; leaves with 5 leaflets, the lower 2 resembling stipules
Herbs or shrubs; leaves not as above | 19
21 |
| 18. Stamens free or filaments united at the base
Stamens mostly united by filaments | <i>Burtonia foliolosa</i>
20 |
| 19. Leaflets less than 5mm long; pods 2-seeded
Leaflets more than 5mm long; pods with 4 or more seeds | <i>Gompholobium</i>
<i>Sophora</i>
22
25 |
| 20. Pods 5-25mm long, inflated
Pods to 200mm long, greatly constricted between the seeds | <i>Uraria picta</i>
23 |
| 21. Pods jointed, separating into 1-seeded articles
Pods not jointed | <i>Hedysarum coronarium</i>
24 |
| 22. Pods folded zig-zag fashion; stipels present
Pods not folded; stipels lacking | <i>Ornithopus pinnatus</i>
<i>Aeschynomene</i> |
| 23. Flowers 12-17mm long, dark reddish-purple; pods minutely spiny
Flowers less than 10mm long, yellow or sometimes purplish; pods smooth or warty | <i>Clianthus formosus</i>
26 |
| 24. Pods smooth, 1mm wide
Pods often warty, 2.5-4mm wide | <i>Clitoria ternatea</i>
27 |
| 25. Prostrate herbs with red flowers c. 80mm long
Not as above | <i>Lamprolobium fruticosum</i>
28 |
| 26. Stipels present; stems twining
Stipels lacking; stems not twining | <i>Cicer arietinum</i>
29 |
| 27. Calyx as long as and hooded over the standard; flowers yellow
Calyx not as above | <i>Tephrosia</i>
30 |
| 28. Leaflets with saw-toothed margins
Leaflets with smooth margins | <i>Swainsona</i>
31 |
| 29. Standard hairy on the back
Standard hairless | <i>Glycyrrhiza acanthocarpa</i>
<i>Dalbergia</i> |
| 30. Style hairy (bearded) in the upper part
Style hairless in the upper part | |
| 31. Leaflets dotted with black glands; pods 5-6mm long, covered with straight or hooked prickles
Leaflets not gland-dotted; pods thin, 20-75mm long, smooth | |