

IRONBARKS (this document best seen in hard copy, and should print in colour, landscape on A3 paper)

| Species | Branch bark | Adult leaf petioles | Adult leaf position | Adult leaf shape | Adult leaf length cm | Adult leaf width cm | Adult leaf colour | Adult leaf upper & lower surfaces | Adult leaf gloss | Bud shape | Bud glaucous | Bud cross-section | Operculum shape | Fruit shape | Fruit width cm | Juvenile shape | Juvenile leaf length cm | Juvenile leaf width cm | Juvenile leaf colour | Seedling leaf length cm | Seedling leaf width cm |
|--|--------------|---------------------|---------------------|---|----------------------|---------------------|---|-----------------------------------|-------------------|---|-------------------------|------------------------|--------------------|--|----------------|---|-------------------------|------------------------|---------------------------------|-------------------------|------------------------|
| Inflorescences simple axillary umbels – buds with stamens regularly flexed – staminodes present – operculum scar absent | | | | | | | | | | | | | | | | | | | | | |
| sideroxylon | rough | present | alternate | lanceolate | 5-14 | 1-4 | green to grey-green to blue-green to glaucous | concolor | dull | obovoid to ovoid to diamond-shaped | glaucous & non-glaucous | round | conical beaked | cup-shaped to urceolate to barrel-shaped | 0.5-1 | ovate lanceolate oblong linear elliptical | 3-9.5 | 0.3-3 | green to grey-green to glaucous | 4.5-11 | 0.5-3.5 |
| tricarpa | rough | present | alternate | lanceolate falcate | 8-22 | 1-2.6 | green to grey-green | concolor | dull rarely gloss | obovoid to ovoid to diamond-shaped | glaucous & non-glaucous | round | conical beaked | cylindrical to truncate globose | 0.8-1.4 | lanceolate to elliptical | 4-11 | 1.3-3 | green to grey-green | 4-11 | 0.7-4 |
| Inflorescences compound and terminal – buds with stamens regularly flexed – staminodes present – operculum scar present | | | | | | | | | | | | | | | | | | | | | |
| paniculata | rough | present | alternate | lanceolate falcate | 5-18 | 1.2-3 | green | discolor | glossy | obovoid to ovoid to diamond | non-glaucous | round to rarely square | conical | hemispherical to cup-shaped | 0.5-0.8 | ovate to lanceolate | 3.5-7 | 1.5-3 | green | 4.5-7 | 2-4.5 |
| placita | smooth rough | present | alternate | lanceolate | 6-12 | 1.5-3.5 | green | discolor | glossy | obovoid to ovoid diamond | non-glaucous | round | beaked conical | obconical | 0.5-0.7 | broadly ovate | 5-8 | 3-5 | glossy green | 5-9 | 3.5-6 |
| decolor | smooth rough | present | alternate | lanceolate falcate | 6.5-17 | .8-2.2 | green | discolor | dull | fusiform to diamond | non-glaucous | round | conical | barrel to trunc-globose to cup-shaped to hemispherical | 0.4-0.6 | lanceolate | -12 | -1.8 | ? green | | |
| dorsiventralis | rough | present | alternate | lanceolate | 8-16 | 1.5-3.7 | green | discolor | glossy | fusiform to obovoid | non-glaucous | square | conical | obconical to barrel-shaped | 0.6-1 | ovate to lanceolate | 7.5-12 | 2.5-4.5 | green | 5.5-7.5 | 1.5-3 |
| fusiformis | rough | present | alternate | lanceolate falcate | 7.5-17.5 | 1.1-2.6 | green | concolor | dull | obovoid to ovoid to fusiform | non-glaucous | round | conical | obconical to barrel-shaped | 0.4-0.5 | ovate to broad lanceolate | 4-9 | 1.3-4.2 | blue green to green | 4-9 | 1.5-4 |
| dura | smooth rough | present | alternate | lanceolate | 9-18 | 1.5-3.3 | green | concolor to slightly discolor | semi-glossy | obovoid to ovoid pear-shape | non-glaucous | round | beaked conical | obconical | 0.5-0.7 | lanceolate to broad lanceolate | | | glossy green | 7-15 | 3-6 |
| tetrapleura | rough | present | alternate | lanceolate falcate | 8-20 | 1.7-3.4 | green | concolor | dull | diamond | non-glaucous | square | conical | | 0.5-0.8 | ovate to lanceolate | 7-14.5 | 2-6 | green | 7-8.5 | 2-4.5 |
| ancophila | smooth rough | present | alternate | lanceolate | 9-20 | 1.8-4.8 | green | slightly discolor | glossy | ovoid to diamond | non-glaucous | round | beaked conical | barrel-shaped to obconical | 0.5-0.7 | ovate to lanceolate | 9-20 | 1.8-4.8 | glossy green | 7.5-9.5 | 2.5-5.5 |
| suffulgens | rough | present | alternate | lanceolate | 8-18.5 | 1-3.4 | green | concolor to slightly discolor | glossy | obovoid to ovoid to pear-shape | non-glaucous | round | conical | barrel-shaped to rarely cup or cylindrical | 0.6-1 | lanceolate | 7-13 | 0.6-2.5 | glossy green | 8-16 | 0.8-2.2 |
| melanoleuca | smooth rough | present | alternate | lanceolate | 7-15 | 1.5-3.5 | green | concolor to slightly discolor | glossy | obovoid to ovoid to pear-shape | non-glaucous | round | beaked to conical | barrel-shaped to cup-shaped | 0.4-0.6 | ovate | 4.5-10 | 2-4 | green | 4.5-9 | 2.5-4.5 |
| corynodes | smooth rough | present | alternate | lanceolate to broad lanceolate to falcate | 8-17 | 1.5-3.5 | glaucous to blue-grey | concolor | dull | obovoid | glaucous & non-glaucous | round | rounded to conical | barrel-shape to cup-shape | 0.5-0.8 | lanceolate | 6-9.5 | 1.5-3.5 | glaucous | 8-13 | 1.7-4 |
| caleyi subsp. caleyi | rough | present | alternate | ovate to lanceolate | 4.5-11 | 1.8-4.5 | glaucous | concolor | dull | obovoid to ovoid to diamond to pear-shape | glaucous | round | conical | barrel-shape to funnel-shape | 0.6-0.8 | orbicular to ovate to deltoid | 3-7 | 1.7-7 | blue-grey to glaucous | 4.5-7 | 4.5-7 |
| caleyi subsp. ovenidii | rough | present | alternate | lanceolate | 5-10 | 1.5-4 | glaucous | concolor | dull | obovoid to diamond | glaucous | square | conical | barrel-shape to funnel-shape | 0.6-0.9 | orbicular to ovate to deltoid | 3-8 | 1.7-7 | grey-green to glaucous | 4.5-7 | 4.5-7 |

| Species | Branch bark | Adult leaf petioles | Adult leaf position | Adult leaf shape | Adult leaf length cm | Adult leaf width cm | Adult leaf colour | Adult leaf upper & lower surfaces | Adult leaf gloss | Bud shape | Bud glaucous | Bud cross-section | Operculum shape | Fruit shape | Fruit width cm | Juvenile shape | Juvenile leaf length cm | Juvenile leaf width cm | Juvenile leaf colour | Seedling leaf length cm | Seedling leaf width cm |
|---|--------------|---------------------|---------------------|---|----------------------|---------------------|--------------------------------------|-----------------------------------|-------------------------|---|------------------------------|-------------------|--------------------------|--|----------------|---------------------------------|-------------------------|------------------------|-------------------------------------|-------------------------|------------------------|
| scopulorum | rough | present | alternate | lanceolate to broadly lanceolate | 6-11 | 1.5-3.8 | green to grey-green | concolor | dull | obovoid to diamond-shape | non-glaucous | round | conical | barrel-shape | 0.5-0.7 | elliptical to ovate | 3.5-11 | 1.8-6 | green to grey-green | | |
| panda | rough | present | alternate | linear to lanceolate | 5-11 | 0.8-2.2 | grey-green to green | concolor | dull | obovoid to ovoid to diamond | non-glaucous rarely glaucous | round | beaked conical | cup-shape to obconical to hemispherical | 0.5-0.7 | lanceolate to narrow lanceolate | 5-9 | 1-1.5 | green to grey-green | 5-11 | 0.5-1.5 |
| beyeri | rough | present | alternate | lanceolate to narrow lanceolate | 7-14 | 0.7-2.5 | grey-green to green | concolor | dull | obovoid to ovoid to diamond | non-glaucous | round | rounded to conical | cup-shaped to obconical to truncate globose | 0.4-0.6 | lanceolate | 5.5-9 | 1-1.5 | green | 3-8.5 | 0.5-2.5 |
| sicilifolia | rough | present | alternate | narrow lanceolate | 6.5-12 | 0.7-1.6 | green | concolor | glossy | obovoid to ovoid | non-glaucous | round | rounded to conical | cup-shaped to barrel-shape | 0.4-0.6 | narrow lanceolate | 6-13.5 | 0.9-3.5 | glossy green | | |
| virens | rough | present | alternate | narrow lanceolate | 5.5-11 | 0.9-2.4 | green | concolor | glossy | ovoid | non-glaucous | round | rounded to conical | hemispherical | 0.5-0.7 | narrow lanceolate | -10.5 | | green | 6-9 | 1-2.5 |
| Inflorescences compound and terminal – buds with stamens irregularly flexed – staminodes absent – operculum scar present | | | | | | | | | | | | | | | | | | | | | |
| decorticans | smooth rough | present | alternate | lanceolate falcate | 5.5-17 | 1-3 | green to blue-green | concolor | dull | obovoid to fusiform to diamond | non-glaucous | round | conical | cup-shape to barrel-shape to rarely funnel-shape | 0.5-0.8 | lanceolate | 7.5-15 | 1.2-2 | grey-green to green | | |
| siderophloia | rough | present | alternate | lanceolate falcate | 8.5-17.5 | 1.5-3 | green | concolor | dull glossy | diamond | non-glaucous | round | conical | cup-shape to funnel-shape | 0.5-0.7 | ovate to lanceolate | 5-12 | 1.5-4.8 | green | 5.5-12 | 1.5-5 |
| rhombica | rough | present | alternate | lanceolate to broad lanceolate to falcate | 9-23 | 1.5-3.5 | grey-green | concolor | dull rarely glossy | diamond | non-glaucous | round | conical beaked | cup-shape to funnel-shape | 0.8-1 | ovate to lanceolate | 6.5-15 | 2-3 | blue-green | 6.5-10 | 1.4-3.6 |
| fibrosa subsp. fibrosa | rough | present | alternate | ovate to broad lanceolate to lanceolate | 8.5-18 | 1.5-4.5 | green to grey-green | concolor | dull to slightly glossy | fusiform | non-glaucous | round | conical to horn-shaped | funnel-shape | 0.5-1 | ovate to orbicular to deltoid | 8-20 | 4.5-14 | slightly glossy green to grey green | 5.5-15 | 3-8 |
| fibrosa subsp. nubila | rough | present | alternate | lanceolate to ovate to falcate | 8.5-23 | 1.5-5.5 | blue-green to grey-green to glaucous | concolor | dull | fusiform | glaucous | round | conical to horn-shaped | funnel-shape | 0.5-0.9 | ovate to orbicular | 4-6 | 3-5 | blue-green to glaucous | 3.5-10 | 2-5 |
| beaniana | rough | present | alternate | lanceolate to falcate | 7-17 | 0.9-2.3 | green to blue-green | concolor | dull | obovoid to fusiform to cylindrical | non-glaucous | round | round to blunt conical | cup-shape to funnel-shape | 0.4-0.6 | linear | 5.5-9 | 0.4-0.6 | green | | |
| taurina | smooth rough | present | alternate | lanceolate | 7.5-18 | 1.5-3 | green | concolor to slightly discolor | glossy dull | obovoid to fusiform to cylindrical | non-glaucous | round | round to bluntly conical | cup-shape to funnel-shape to hemispherical | 0.5-0.7 | lanceolate | 8-14 | 1.4-3 | green | | |
| ophitica | rough | present | alternate | lanceolate | 7.8-17 | 1.7-2.5 | green | concolor | glossy dull | obovoid to cylindrical | non-glaucous | round | round | cup-shape to funnel-shape to hemispherical | 0.5-0.7 | ovate to broadly lanceolate | 7.5-20 | 3-7 | green | | |
| tholiformis | smooth rough | present | alternate | narrow lanceolate to lanceolate | 7.5-14 | 1.2-3 | green to blue-green | concolor | dull | obovoid to ovoid to fusiform to cylindrical | non-glaucous | round | bluntly conical to round | cup-shape to funnel-shape | 0.5-0.7 | ovate | 4-7 | 2.2-4 | blue-grey | | |

| Species | Branch bark | Adult leaf petioles | Adult leaf position | Adult leaf shape | Adult leaf length cm | Adult leaf width cm | Adult leaf colour | Adult leaf upper & lower surfaces | Adult leaf gloss | Bud shape | Bud glaucous | Bud cross-section | Operculum shape | Fruit shape | Fruit width cm | Juvenile shape | Juvenile leaf length cm | Juvenile leaf width cm | Juvenile leaf colour | Seedling leaf length cm | Seedling leaf width cm |
|----------------------|-------------|---------------------|---------------------------|--|----------------------|---------------------|--|-----------------------------------|--------------------------------|--|------------------------------|---------------------|------------------------------|---|-----------------|------------------------------------|-------------------------|------------------------|---------------------------------|-------------------------|------------------------|
| exilipes | rough | present | alternate | linear to narrow lanceolate | 5-12 | 0.5-1 | green | concolor | dull to rarely glossy | ovoid to fusiform | non-glaucous | round | conical | cup-shaped to truncate globose | 0.4 | linear | 2.9-9 | 0.2-0.7 | grey-green to blue-grey | | |
| crebra | rough | present | alternate | linear to narrow lanceolate to lanceolate | 5.5-18 | 0.6-2.7 | green to grey-green to rarely glaucous | concolor | dull | obovoid to fusiform to diamond-shaped to ovoid | non-glaucous | round | rounded to conical | cup-shape to barrel-shape to hemispherical | 0.25-0.6 | linear - lanceolate | 5-16 | 0.6-3.5 | green to grey-green | 4-14 | 0.3-3 |
| cullenii | rough | present | alternate | narrow lanceolate to lanceolate to rarely linear | 5.5-19 | 0.8-2.5 | green to grey-green | concolor | dull | obovoid to globular to pear-shape | non-glaucous | round | rounded | hemispherical | 0.4-0.8 | linear to narrow lanceolate | 4-11 | 0.4-1.5 | green to grey-green to glaucous | 4.5-9 | 0.3-0.5 |
| granitica | rough | present | alternate | lanceolate to broad lanceolate to falcate | 7-15 | 1.3-3.2 | green | concolor to slightly discolor | glossy | obovoid to ovoid | non-glaucous | round | rounded to conical | cup-shaped to barrel-shape | 0.4-0.6 | lanceolate | 6-11 | 1.4-2 | glossy green | | |
| jensenii | rough | present | alternate | ovate to lanceolate to elliptical | 4.3-11.5 | 0.7-4 | green to grey-green to slightly glaucous | concolor | dull | obovoid to pear-shaped | glaucous & non-glaucous | round | conical | barrel-shape to truncate globose to hemispherical to funnel-shape | 0.3-0.5 | ovate to elliptical | 3.8-6.5 | 1.6-3 | grey-green | 3.5-10 | 0.4-1.5 |
| staigeriana | rough | present | alternate | ovate to broad lanceolate to lanceolate | 4-11 | 1.2-3.2 | grey-green to glaucous | concolor | dull | obovoid to fusiform to ovoid | non-glaucous rarely glaucous | round | conical to beaked | cup-shape | 0.5-0.7 | ovate | 3.8-7 | 2-4 | grey-green to glaucous | | |
| whitei | rough | present | alternate rarely opposite | lanceolate | 6-12 | 1.2-2.5 | grey-green to glaucous | concolor | dull | obovoid to pear-shaped | glaucous | round | conical to rounded to beaked | cup-shape to barrel-shape | 0.5 | ovate to broadly lanceolate | 4.5-12 | 1.5-4.2 | glaucous | | |
| paedoglauca | rough | present | alternate | lanceolate | 8-14 | 1.7-3.2 | grey-green to green | concolor | dull to rarely slightly glossy | obovoid to ovoid | ??? non-glaucous | round | rounded | cup-shape | 0.6-0.7 | ovate to broad lanceolate | 8-15 | 3.5-7 | glaucous | | |
| atrata | rough | present | alternate | lanceolate | 8-17.5 | 1.4-3.4 | blue-grey to glaucous | concolor | dull | obovoid to ovoid | glaucous | round | rounded to conical | cup-shape to hemispherical | 0.5-0.8 | ovate to broad lanceolate | 8-19 | 3.5-8 | glaucous | | |
| farinosa | rough | present | alternate | elliptical to ovate to broad lanceolate | 6-12 | 2.2-6 | glaucous | concolor | dull | obovoid to fusiform | glaucous | square | conical | cup-shape to barrel-shape | 0.6-1 | orbicular | 6.5-11 | 6-11 | glaucous | | |
| quadricostata | rough | present | alternate | lanceolate to falcate | 8-18 | 1.2-3.6 | green to blue-grey | concolor | dull to semi-glossy | obovoid | non-glaucous | square | conical to rounded | cup-shape | 0.6-0.9 | ovate to rarely orbicular | 7-12 | 3.5-7 | blue-grey to glaucous | 7-13 | 3-7 |
| shirleyi | rough | absent | opposite | cordate to orbicular to ovate | 5-16 | 3-10 | glaucous | concolor | dull | obovoid | glaucous | square round | conical to rounded to beaked | cup-shape to barrel-shape | 0.6-1 | orbicular to cordate | 6-13 | 5-10 | glaucous | | |
| melanophloia | rough | absent | opposite | ovate to cordate rarely lanceolate | 3.5-9 | 2-5 | glaucous to grey-green | concolor | dull | diamond to ovoid | glaucous | round | conical | cup-shape to truncate - globose to hemispherical | 0.4-0.8 | orbicular to cordate to ovate | 2-10 | 1.3-10 | glaucous | 5-8 | 2-6 |