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THE VASCULAR PLANTS OF YALGORUP NATIONAL PARK

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ABSTRACT

An account is given of the vegetation of the Yalgorup National Park. Three hundred and fifty vascular plant species are recorded and these are listed according to eight vegetation types recognised for the area.

INTRODUCTION

Yalgorup National Park lies between Perth and Bunbury, Western Australia, between 25 and 50 km south of Mandurah (Figure 1). The Park occupies a narrow coastal strip of land and includes Lakes Preston and Clifton and a string of minor lakes. The name is derived from two Aboriginal words: 'Yalgor' a swamp or lake, and 'up' a suffix meaning a place.

The area experiences a Mediterranean climate with rainfall of about 880 mm mainly occurring in the winter months. Winters are mild and daytime temperatures in summer are warm to hot usually between 25 and 35°C maximum.

Soils are mainly sands of marine origin with some areas of clay or silt of estuarine origin in the immediate vicinity of the lakes. The coastal dunes of the Quindalup Dune System rise steeply from the beaches to a height of over 20 m, some occasionally reaching 50 m. These dunes are rich in calcareous material. Further inland sands of the older Spearwood Dune System have less pronounced slopes giving rise to a gently undulating topography. Limestone outcrops are common and limestone underlies the sands at depth.

Yalgorup National Park has been used for field studies by the Biology Department of the Western Australian Institute of Technology (W.A.I.T.) since 1976. This account of the vascular plants of the area is based on collections made between 1972 and 1978; voucher specimens are lodged at the Western Australia Herbarium (PERTH) and the herbarium at W.A.I.T.

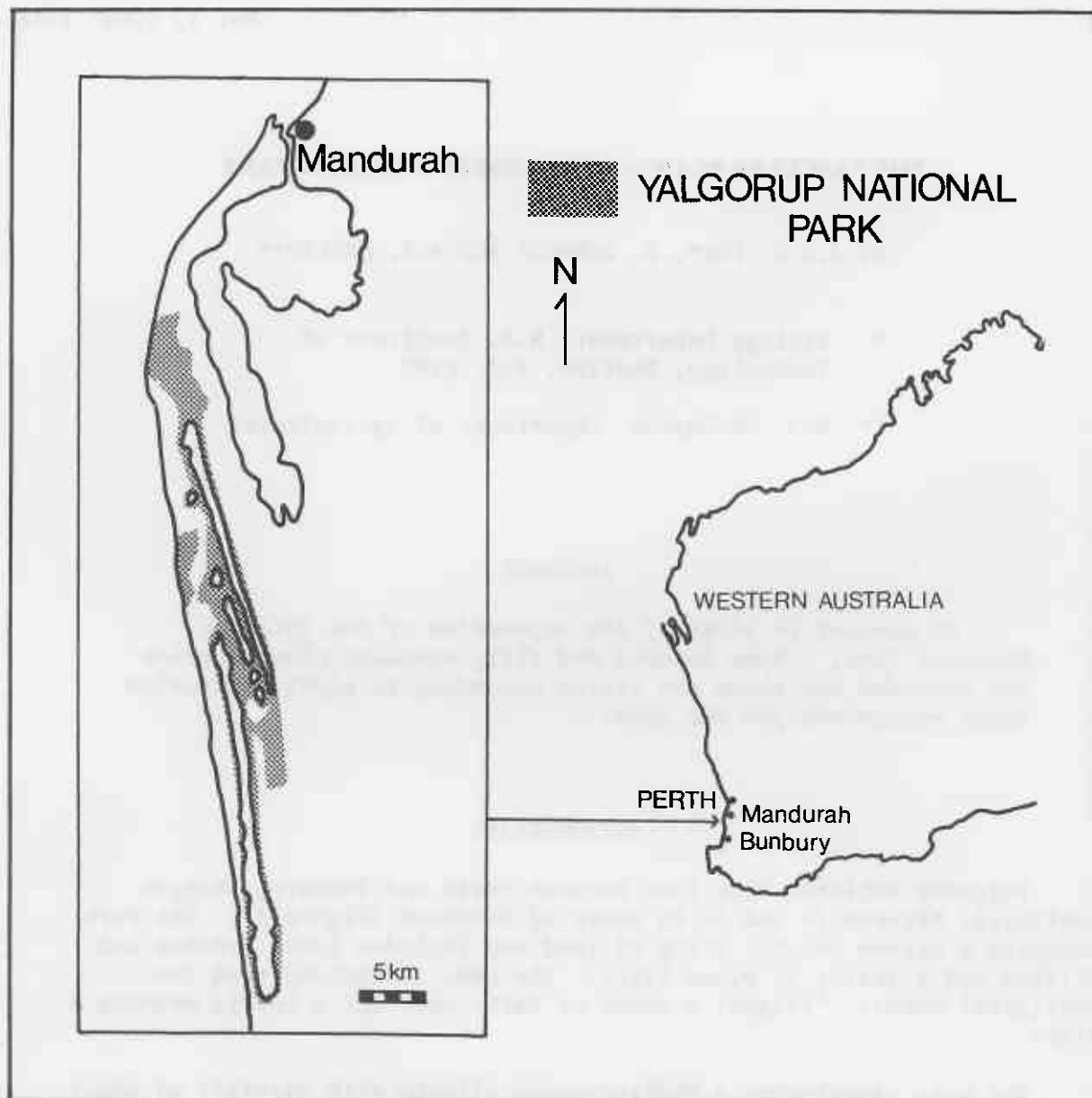


Fig. 1. Map showing location of Yalgorup National Park (shaded area).

VEGETATION

The 295 native and 55 introduced species recorded for the Park are listed below according to the eight vegetation types recognized. These are:

Vegetation type	No. species recorded	
	Native	Introduced
1. Unconsolidated dune heath	28	4
2. Consolidated dune heath	85	7
3. Limestone heath	130	14
4. Tuart woodland	181	29
5. Paperbark swamp	29	7
6. Sedge swamp	39	7

Vegetation type	No. species recorded	
	Native	Introduced
7. Mixed eucalypt woodland	27	3
8. Weed community	22	42

1. Unconsolidated dune heath

Just above the high water mark *Cakile maritima* and *Arctotheca calendula* are the scattered colonisers. In the adjacent foredunes *Olearia axillaris*, *Scaevola crassifolia* and *Scirpus nodosus* are common. On the leeward side of these dunes *Diplolaena dampieri*, *Myoporum adscendens* and *Exocarpus sparteus* are locally dominant shrubs.

2. Consolidated dune heath

On the stabilised sand dunes, small patches of *Melaleuca acerosa* and *Acacia lasiocarpa* var. *lasiocarpa* are dominant with a number of dense patches of *Acacia rostellifera*. Plants are taller in more sheltered positions with *Agonis flexuosa* as the tallest species reaching about 4 m in height. Other tall shrubs are *Acacia saligna* and *Jacksonia furcellata*.

3. Limestone heath

Banks of exposed limestone run parallel to the coast. On the shallow soils of this vegetation type a dense heath occurs. The most common species here is *Acacia truncata*, a shrub to about 1 m in height. *Eucalyptus decipiens* (Mallee form) develops locally dense stands to 2 m or more in height while other characteristic shrubs include *Melaleuca huegelii* and *Templetonia retusa*. Where this area borders the Tuart woodland, small pockets of *Acacia cochlearis* and *Conospermum triplinervium* occur; also occasional trees of *E. decipiens* are encountered.

4. Tuart woodland

A special feature of the Park is its Tuart (*Eucalyptus gomphocephala*), a limestone-specific species which exceeds 30 m in height in some places. A total of 210 species have been recorded for the Tuart woodland of which 29 are introduced or cosmopolitan. The tree species associated with Tuart include *Agonis flexuosa*, *Casuarina fraseriana* and *Banksia grandis* while the tall shrubs include *Banksia attenuata* and *Acacia saligna* plus smaller individuals of the tree species. *Acacia pulchella*, *Jacksonia sternbergiana*, *Melaleuca acerosa* and *Hibbertia hypericoides* are common understorey shrubs. The most significant introduced species is *Lupinus cosentinii* which persists in dense, self-regenerating stands in formerly cultivated areas or at the Park margins adjacent to farm land.

5. Paperbark swamps

Surrounding the lakes and the sedge swamps is a relatively narrow band of Paperbark trees of which there are two common species, *Melaleuca cuticularis* and *M. raphiophylla*. The former is the more common, occurring

close to and into the waters of lakes and swamps where the soil is of a gritty limestone nature. *Melaleuca raphiophylla* is restricted to areas where humus accumulation and black peaty soil occur. Where the two grow together, *M. cuticularis* forms in a band closer to the lake or swamp. *Acacia cyclops* and *Gahnia trifida* often occur in a zone further from lake edges than the *Melaleuca* species.

6. Sedge swamps

These swamps are restricted to the south-east of the Park and are basically an extension of the Lake Clifton water system. They are open flat areas predominantly covered with sedge although some patches of free water are colonised by *Typha domingensis*. *Gahnia trifida* is the dominant sedge of this area while other common species include *Leptocarpus aristatus*, *Melaleuca viminea* and dense stands of *Xanthorrhoea preissii* (Blackboy). Some of the smaller shrubs found are *Acacia pulchella*, *Melaleuca incana* (among the Blackboys), *M. polygaloides*, *Scaevola holosericea* and the herb *Stackhousia huegelii*. Some *Melaleuca cuticularis* occurs in this region.

7. Mixed eucalypt woodland

At the eastern extremities of the Park Jarrah (*Eucalyptus marginata*) and Marri (*E. calophylla*) become occasionally more frequent than Tuart as the largest tree species. There is some indication that Jarrah can survive on drier sites than Marri. The Banksia species are common in the understorey with localised occurrences of *Xylomelum occidentale*. Common low shrubs are *Hibbertia hypericoides*, *Macrozamia riedlei* and *Xanthorrhoea preissii*.

8. Weed community

In and adjacent to firebreaks, picnic areas and on formerly cultivated land, many adventive species are found. These include a number of introduced grasses and legumes as agricultural escapes, agricultural weeds such as the sow thistles (*Sonchus* spp.) and a number of Asteraceae including several native species (e.g. *Waitzea citrina*, *Brachycome iberidifolia*). *Acacia saligna* is found along much of Preston Beach Road on the disturbed edges.

LIST OF PLANT SPECIES

The species are arranged alphabetically by family and tabulated in vegetation types by numbers according to the order given on p. 2. * denotes introduced species.

1	2	3	4	5	6	7	8
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AIZOACEAE

Carpobrotus virescens (Haw.) Schwantes

Coastal pigface

Tetragonia decumbens Mill.

Sea spinach

+	+	+
---	---	---	---	---	---	---	---

+	.	+	+
---	---	---	---	---	---	---	---

1 2 3 4 5 6 7 8

AMARANTACEAE

Ptilotus drummondii (Moq.) F. Muell.

. . . +

AMARYLLIDACEAE

Anigozanthos humilis Lindl.

. + + +

Cats paw

Anigozanthos manglesii D. Don

. . . +

Mangles' kangaroo paw

Conostylis aculeata R.Br.

. + + +

Conostylis candidans Endl.

. + . +

Grey cottonhead

Conostylis pauciflora Hopper

. . + +

Phlebocarys ciliata R.Br.

. . . + . . . +

APIACEAE

Apium prostratum Labill.

. . . . +

**Centella cordifolia* (Hook.f.) Nannf.

. . . . +

Daucus glochidiatus Sieb.

. . + +

Native carrot

Eryngium pinnatifidum Bunge

. + + +

Blue devils

Hydrocotyle diantha DC.

. . . +

Pennywort

Hydrocotyle tetragonocarpa Bunge

. +

Slender pennywort

Trachymene caerulea (Reichb.) Grah.

. . + +

Blue lace flower

Trachymene pilosa Sm.

. . + +

Native parsnip

APOCYNACEAE

Alyxia buxifolia R.Br.

+ +

ASTERACEAE

**Arctotheca calendula* (L.) Levyns.

. +

Capeweed

Arctotheca populifolia (Berg.) T. Norl.

+

Dune arctotheca

**Aster subulatus* Michx.

. +

Bushy starwort

Athrixia pulverulenta (Lindl.) Druce

. . + +

Bristle daisy

Brachycome iberidifolia Benth.

. + + +

Swan River daisy

**Carduus tenuiflorus* Curt.

. +

Sheep thistle

Cotula coronopifolia L.

. + . + + + . +

Water buttons

**Cotula turbinata* L.

. +

Craspedia cf. glauca (Labill.) Spreng (J. Fox 924)

. +

**Hedypnois rhagodioides* (L.) Willd.

. +

Cretan weed

Helichrysum bracteatum (Vent.) Andr.

. . . +

Golden everlasting

Helichrysum cordatum DC.

. +

Heart-leaved everlasting.

	1	2	3	4	5	6	7	8
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<i>Helipterum cotula</i> (Benth.) DC. Mayweed sunray	.	.	+	+
* <i>Hypochoeris glabra</i> L. Smooth catsear	.	.	.	+	.	+	+	+
* <i>Inula graveolens</i> (L.) Desf. Stinkwort	.	.	.	.	.	.	.	+
<i>Lagenifera huegelii</i> Benth. Coarse lagenifera	.	.	.	+	.	.	.	.
<i>Leptorhynchus elongatus</i> DC. Lanky buttons	.	+	.	.	.	.	.	.
<i>Millotia myosotidifolia</i> (Benth.) Steetz.	.	+	+	+	.	.	.	.
<i>Olearia axillaris</i> (DC.) F. Muell. ex Benth. Coast daisybush	+	+	.	.	+	.	.	.
<i>Olearia rudis</i> (Benth.) F. Muell. ex Benth. Purple daisybush	.	+	+	+	.	.	.	.
* <i>Picris hieracioides</i> L. Hawkweed picris	.	.	.	+	.	.	.	.
<i>Pithocarpa pulchella</i> Lindl. Beautiful pithocarpa	.	.	+	.	.	.	.	.
<i>Podolepis gracilis</i> (Lehm.) Grah. Slender podolepis	.	.	+	.	.	.	.	.
<i>Podolepis lessonii</i> (Cass.) Benth.	.	+	+	+	.	.	.	.
<i>Podotheca angustifolia</i> (Labill.) Less. Sticky longheads	.	+	+	.	.	.	.	.
<i>Podotheca chrysanthia</i> (Steetz.) Benth. Yellow podotheca	.	.	.	+	.	.	.	.
<i>Quinetia urvillei</i> Cass. Quinetia	.	.	.	+	.	.	.	+
<i>Senecio hispidulus</i> A. Rich. Hispid fireweed	.	.	.	+	.	.	.	.
<i>Senecio lautus</i> Forst.f. ex Willd. Coastal groundsel	+	+	+	+	.	.	.	.
<i>Senecio ramosissimus</i> DC. Auricled groundsel	.	.	.	+	.	.	.	.
* <i>Sonchus asper</i> (L.) Hill Prickly sowthistle	.	.	.	.	.	.	.	+
* <i>Sonchus oleraceus</i> L. emend Gouan. Common sowthistle	.	.	.	.	.	.	.	+
* <i>Sonchus tenerrimus</i> L.	.	.	.	.	+	.	.	+
* <i>Ursinia anthemoides</i> (L.) Gaertn. Ursinia	.	.	+	+	.	.	.	+
<i>Waitzia citrina</i> (Benth.) Steetz.	.	.	+	+	.	.	.	+
<i>Waitzia suaveolens</i> (Benth.) Druce Fragrant waitzia	+	.	+	.	.	.	.	.

BRASSICACEAE

* <i>Brassica tournefortei</i> Gouan. Wild turnip	.	.	.	.	.	.	.	+
<i>Cakile maritima</i> Scop. Sea rocket	+	.	.	.	.	.	.	.
* <i>Diplotaxis muralis</i> (L.) DC. Wall rocket	.	.	.	.	.	.	.	+
* <i>Helophilus pusilla</i> L. <i>Stenopetalum robustum</i> Endl. Thread petal	.	+	+	+	+	.	.	+

1 2 3 4 5 6 7 8

CAMPANULACEAE

Wahlenbergia preissii De Vriese in Lehm.

+, +, +, +, +, +, +, +

CARYOPHYLLACEAE

**Cerastium glomeratum* Thuill.

Mouse-ear chickweed

+, +, +, +, +, +, +, +

**Petrorhagia* sp. (Fox 1484)*Polycarpon tetraphyllum* Leof.

Four leaved allseed

+, +, +, +, +, +, +, +

**Silene gallica* L.

French catchfly

+, +, +, +, +, +, +, +

CASUARINACEAE

Casuarina fraseriana Miq.

Common sheoak

+, +, +, +, +, +, +, +

Casuarina humilis Otto & Dietr.

Dwarf casuarina

+, +, +, +, +, +, +, +

CENTROLEPIDACEAE

Centrolepis drummondii (Nees) Hieron

+, +, +, +, +, +, +, +

CHENOPodiACEAE

**Chenopodium album* L.

Fat hen

+, +, +, +, +, +, +, +

Rhagodia dioica Nees

+, +, +, +, +, +, +, +

Rhagodia radiata Nees

Berry saltbush

+, +, +, +, +, +, +, +

Salsola kali Linn.

Roopoly Sea kale

+, +, +, +, +, +, +, +

Sarcocornia blackiana (Ulbrick) A.J. Scott

Glasswort

+, +, +, +, +, +, +, +

Suaeda australis (R.Br.) Moq.

Seablite

+, +, +, +, +, +, +, +

Threlkeldia diffusa R.Br.

Wallaby saltbush

+, +, +, +, +, +, +, +

CONVULVULACEAE

**Cuscuta epithymum* L.

+, +, +, +, +, +, +, +

Dodder

+, +, +, +, +, +, +, +

Wilsonia backhousei Hook.f.

+, +, +, +, +, +, +, +

CRASSULACEAE

Crassula colorata (Nees) Ostf.

+, +, +, +, +, +, +, +

Dense stonecrop

+, +, +, +, +, +, +, +

CYCADACEAE

Macrozamia riedlei (Gaud.) C.A. Gardn.

+, +, +, +, +, +, +, +

Zamia

+, +, +, +, +, +, +, +

CYPERACEAE

Cyperus tenellus L.f.

+, +, +, +, +, +, +, +

Delicate leaf rush

+, +, +, +, +, +, +, +

Gahnia trifida Labill.

Coast saw sedge

+, +, +, +, +, +, +, +

Lepidosperma angustatum R.Br.

+, +, +, +, +, +, +, +

	1	2	3	4	5	6	7	8
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<i>Lepidosperma gladiatum</i> Labill. Coast sword sedge	+	+	.	.	+	+	.	.
<i>Lepidosperma gracile</i> R.Br. Slender sword sedge	.	+	+	+
<i>Lepidosperma</i> spp. aff. <i>striatum</i> (S. Paust 1376)	.	.	.	.	.	+	.	.
<i>Schoenus grandiflorus</i> (Nees) F. Muell. Large flowered bogrush	.	.	+	.	.	.	.	.
<i>Schoenus nitens</i> (R.Br.) Poir. Shiny bogrush	.	.	.	.	+	.	.	.
<i>Scirpus nodosus</i> Rottb. Knotted clubrush	+	.	.	.	+	.	.	.
<i>Scirpus antarctius</i> L.	+	+	+	+	.	.	.	+
<i>Scirpus cernuus</i> Vahl.	.	+	.	.	+	.	.	.

DILLENIACEAE

<i>Hibbertia cuneiformis</i> (Labill.) Gilg. Cut leaf hibbertia	+	.	.	.	.	.	.	.
<i>Hibbertia hypericoides</i> (DC.) Benth. Yellow buttercups	.	.	+	+	.	.	+	.
<i>Hibbertia polystachya</i> Benth.	.	.	+	+	.	.	.	.
<i>Hibbertia</i> sp. aff. <i>polystachya</i> (J. Fox 517)	.	+	.	.	.	.	.	.
<i>Hibbertia racemosa</i> (Endl.) Gilg. Stalked guinea flower	+	+	+	.	.	+	.	.

DROSERACEAE

<i>Drosera glanduligera</i> Lehm. Common scarlet sundew	.	.	.	.	.	.	+	.
<i>Drosera macrophylla</i> Lindl. Snowy sundew	.	.	+	+	.	.	.	.
<i>Drosera pallida</i> Lindl. Pale rainbow sundew	.	.	+	+	.	.	.	.
<i>Drosera stolonifera</i> Endl. Leafy sundew	.	.	+	+	.	.	.	.

EPACRIDACEAE

<i>Astroloba baxteri</i> DC.	.	.	+	.	.	.	.	.
<i>Astroloba drummondii</i> Sond.	.	.	+	.	.	.	.	.
<i>Conostephium pendulum</i> Benth. Pearl flower	.	.	+	.	.	.	.	.
<i>Conostephium preissii</i> Sond.	.	.	+	+	.	.	.	.
<i>Leucopogon australis</i> R.Br.	.	.	+	.	.	.	.	.
<i>Leucopogon parviflorus</i> (Andr.) Lindl.	.	+	+	+	.	+	.	.
<i>Leucopogon propinquus</i> R.Br.	.	.	+	.	.	.	.	.
<i>Leucopogon racemosus</i> DC.	.	.	+	.	.	.	.	.
<i>Lysinema ciliatum</i> R.Br. Curry flower	.	.	+	.	.	.	.	.

EUPHORBIACEAE

<i>Adriana quadripartita</i> Gaud. Rare bitterbush	.	.	.	+	.	.	.	+
<i>Phyllanthus calycinus</i> Labill. False boronia	.	+	+	+
<i>Poranthera microphylla</i> Brongn. Small poranthera	.	+

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GENTIANACEAE

<i>*Centaury</i>	+
<i>Villarsia albiflora</i> F. Muell.	+	.	.

GERANIACEAE

<i>*Erodium cicutarium</i> (L.) L'Herit. ex Ait. Common crowfoot	.	+	+	+	.	.	.	+
<i>*Geranium molle</i> L. Cranes-bill geranium	.	.	•	•	•	•	•	•
<i>Geranium solanderi</i> Carolin Cut leaf cranesbill	.	•	•	+	•	•	•	•
<i>Pelargonium australe</i> Willd. Dune geranium	+	•	•	•	•	•	•	•
<i>*Pelargonium capitatum</i> (L.) L'Herit. ex Ait. Wild geranium	.	•	•	+	•	•	•	•
<i>Pelargonium littorale</i> Hueg. Coast storks-bill	+	•	•	•	•	•	•	•

GOODENIACEAE

<i>Anthotium humile</i> R.Br. var. <i>junciforme</i> De Vriese Rushlike anthotium	.	•	•	•	•	•	•	•
<i>Dampiera linearis</i> R.Br.	•	•	•	•	+	•	•	•
<i>Dampiera prostrata</i> De Vriese	•	•	•	•	•	+	•	•
<i>Goodenia filiformis</i> R.Br. Thread leaved goodenia	•	•	•	•	•	+	•	•
<i>Scaevola crassifolia</i> Labill. Thick leaved fanflower	+	+	+	•	•	•	•	•
<i>Scaevola globulifera</i> Labill.	.	+	+	•	•	•	•	•
<i>Scaevola holosericea</i> De Vriese Silky scaevola	.	+	+	•	•	+	•	•
<i>Scaevola thesioides</i> Benth.	•	•	•	•	•	•	•	•

HALORAGACEAE

<i>Glischrocaryon aureum</i> (Lindl.) Orchard Common popflower	.	•	•	+	•	•	•	•
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IRIDACEAE

<i>Orthrosanthus laxus</i> (Endl.) Benth. Morning iris	.	•	•	•	+	•	•	•
<i>Patersonia occidentalis</i> R.Br. Purple flags	•	•	•	•	+	•	•	•
<i>Patersonia umbrosa</i> Endl. Shade patersonia	•	•	•	•	+	•	•	•

JUNCACEAE

<i>Juncus kraussii</i> Hochst. Sea rush	•	•	•	•	•	•	•	•
<i>Juncus pallidus</i> R.Br. Giant rush	•	•	•	•	•	•	•	•
<i>Luzula meridionalis</i> Nord. Field woodrush	•	•	•	•	•	•	•	•

JUNCAGINACEAE

<i>Triglochin procerum</i> R.Br. Water ribbons	•	•	•	•	+	•	•	•
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1	2	3	4	5	6	7	8
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LAMIACEAE

Hemianandra pungens R.Br.
Snake bush

.	+	+
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LAURACEAE

Cassytha racemosa Nees
Dodder

.	+	+	+	+	+	.	.
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LENTIBULARIACEAE

Polypompholyx multifida (R.Br.) F. Muell.
Pink petticoats

.	+	.	.
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LILIACEAE

Arthropodium preissii Endl.
Burchardia umbellata R.Br.

.	.	+
---	---	---	---	---	---	---	---

Milkmaids

Caesia parviflora R.Br.
Pale grass lily

.	.	.	+
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Chamaescilla corymbosa (R.Br.) F. Muell.
Blue squill

.	.	.	+	.	+	.	.
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Corynotheca micrantha (Lindl.) Macbride
Dianella revoluta R.Br.

.	.	.	+
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Spreading flax lily

Sowerbaea laxiflora Lindl.
Vanilla lily

.	.	.	+
---	---	---	---	---	---	---	---

Stypandra imbricata R.Br.
Cluster leaved blind grass

.	.	.	+
---	---	---	---	---	---	---	---

Thysanotus dichotomus (Labill.) R.Br.
Branching fringe lily

.	+	+
---	---	---	---	---	---	---	---

Thysanotus multiflorus R.Br.
Many flowered fringe lily

.	.	+	+
---	---	---	---	---	---	---	---

Thysanotus patersonii R.Br.
Twining fringe lily

.	+	+	+
---	---	---	---	---	---	---	---

**Trachyandra divaricata* (Jacq.) Kunth.
Tricoryne elatior R.Br.

+	+	+
---	---	---	---	---	---	---	---

Yellow autumn lily

Wurmbea dioica (R.Br.) F. Muell.
Early nancy

.	.	.	+
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LINACEAE

Linum marginale A. Cunn. ex Planch.
Wild flax

.	+	.	.
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LOBELIACEAE

Isotoma hypocrateriformis (R.Br.) Druce
Woodbridge poison

.	+	+	+
---	---	---	---	---	---	---	---

Lobelia alata Labill.

.	.	+	.	+	.	.	.
---	---	---	---	---	---	---	---

Angled lobelia

Lobelia heterophylla Labill.
Wing-seeded lobelia

.	.	+
---	---	---	---	---	---	---	---

Lobelia tenuior R.Br.
Slender lobelia

.	+	+
---	---	---	---	---	---	---	---

LOGANIACEAE

Logania serpyllifolia R.Br.

.	.	.	+
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	1	2	3	4	5	6	7	8
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Logania vaginalis (Labill.) F. Muell.

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LORANTHACEAE

Nuytsia floribunda (Labill.) R.Br.

Christmas tree

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MALVACEAE

Alyogyne huegelii (Endl.) Fryxell

Lilac hibiscus

.

MIMOSACEAE

Acacia cochlearis (Labill.) H. Wendl.

Rigid wattle

.

Acacia cyclops A. Cunn. ex G. Don.

+

Acacia huegelii Benth.

.

Acacia lasiocarpa Benth. var. *lasiocarpa*

.

Acacia pulchella R.Br. var. *pulchella*

.

Prickly moses

Acacia pulchella var. *glaberrima* Meisn.

.

Acacia rostellifera Benth.

.

Acacia saligna (Labill.) H. Wendl.

.

Orange wattle

Acacia stenoptera Benth.

.

Acacia truncata (Burm.f.) HOlt. ex Hoffmannsegg

.

Acacia willdenowiana H. Wendl.

.

MYOPORACEAE

Eremophila glabra (R.Br.) Ostf.

.

Tar bush

Myoporum adscendens R.Br.

+

Boobialla

Myoporum tetrandrum (Labill.) Domin

+

MYRTACEAE

Agonis flexuosa (Spreng.) Schau.

.

Peppermint

Agonis linearifolia (DC.) Schau.

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Eucalyptus calophylla R.Br.

.

Marri

Eucalyptus decipiens Endl.

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Redheart (limestone marlock)

Eucalyptus gomphocephala DC.

.

Tuart

Eucalyptus marginata Don ex Sm.

.

Jarrah

Hypocalymma angustifolium Endl.

.

White myrtle

Hypocalymma robustum Endl.

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Swan River myrtle

Melaleuca acerosa Schau.

+

Melaleuca cuticularis Labill.

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Saltwater paperbark

Melaleuca huegelii Endl.

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Chenille honeymyrtle

Melaleuca incana R.Br.

.

Grey honeymyrtle

		1	2	3	4	5	6	7	8
<i>Melaleuca leptoclada</i> Benth.		+	+	.	.
<i>Melaleuca polygaloides</i> Schau.		.	.	*	+	+	+	+	.
<i>Melaleuca rhamphophylla</i> Schau.		.	.	*	+
Swamp paperbark	
<i>Melaleuca teretifolia</i> Endl.		+	.	.	.
<i>Melaleuca viminea</i> Lindl.		+	.	.
ORCHIDACEAE									
<i>Caladenia deformis</i> R.Br.		.	.	+	+
Blue fairy orchid	
<i>Caladenia filamentosa</i> R.Br.		.	.	+
Red spider orchid	
<i>Caladenia flava</i> R.Br.		.	.	+	+	.	.	.	+
Cowslip orchid	
<i>Caladenia gemmata</i> Lindl.		.	.	+
Blue china orchid	
<i>Caladenia hirta</i> Lindl.		.	.	+
Sugar candy orchid	
<i>Caladenia huegelii</i> Reichb.f.		.	.	+	+
King spider orchid	
<i>Caladenia latifolia</i> R.Br.		.	.	+	+
Pink fairy orchid	
<i>Caladenia menziesii</i> R.Br.		.	.	.	+
Rabbit orchid	
<i>Caladenia sericea</i> Lindl.		.	.	.	+
Silky blue orchid	
<i>Diuris longifolia</i> R.Br.		.	.	.	+
Donkey orchid	
<i>Elythranthera brunonis</i> (Endl.) A.S. George		+
Purple enamel orchid	
<i>Elythranthera emarginata</i> (Lindl.) A.S. George		.	.	.	+
Pink enamel orchid	
<i>Hyperanthus nigricans</i> R.Br.		+	.	.	.
Red beak orchid	
<i>Microtis brownii</i> Reichb.f.		+	.	.	.
<i>Microtis unifolia</i> (Forst.f.) Reichb.f.		.	.	.	+
Common mignonette orchid	
<i>Prasophyllum hians</i> Reichb.		.	.	.	+
Yawning leek orchid	
<i>Theelymitra fuscolutea</i> R.Br.		+	.	.	.
Leopard orchid	
<i>Theelymitra nuda</i> R.Br.		+	.	.	.
Sun orchid	
OROBANCHACEAE									
<i>Orobanche australiana</i> F. Muell.		.	+	+	+
Australian broom-rape		.	+	+	+
OXALIDACEAE									
<i>Oxalis corniculata</i> L.		.	.	+
Creeping woodsorrel	
<i>Oxalis glabra</i> Thunb.		.	.	+
* <i>Oxalis pes-caprae</i> L.		.	.	+
Soursob		.	.	+

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PLANTAGINACEAE

**Plantago lanceolata* L.

Rib grass

Plantago varia R.Br.

Sago weed

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POACEAE

**Agropyron repens* (L.) Beauv.

English couch

**Aira caryophyllea* L.

Silver grass

**Anmophila arenaria* (L.) Link.

Marram grass

Amphipogon turbinatus R.Br.

Stiff beard grass

**Avena fatua* L.

Wild oat

**Briza maxima* L.

Quaking grass

**Briza minor* L.

Shivery grass

**Cynodon dactylon* (L.) Pers.

Couch

**Lagurus ovatus* L.

Harestail grass

**Pentaschistis airoides* (Nees) Stapf.

Short curly grass

Poa australis R.Br.

Poa drummondiana Nees

Knotted poa

**Polypogon monspeliensis* (L.) Desf.

Beard grass

Spinifex hirsutus Labill.

Hairy spinifex

Stipa compressa R.Br.

Compressed speargrass

Stipa variabilis Hughes

Variable speargrass

**Vulpia myuros* (L.) Gmel.

Ratstail fescue

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POLYGALACEAE

Comesperma confertum Labill.

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POLYGONACEAE

Muehlenbeckia adpressa (Labill.) Meisn.

Climbing lignum

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PORTULACACEAE

Calandrinia brevipedata F. Muell.

Calandrinia liniflora Fenzl.

Parakeelya

+	.	+	+
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PRIMULACEAE

**Anagallis arvensis* L.

Scarlet pimpernel

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	1	2	3	4	5	6	7	8
* <i>Anagallis foemina</i> Mill.	.	.	+	+	+	.	+	
Blue pimpernel								
<i>Samolus junceus</i> R.Br.	.	.	.	+	.	.	.	
PROTEACEAE								
<i>Banksia attenuata</i> R.Br.	.	+	+	.	.	+	.	
Slender banksia								
<i>Banksia grandis</i> Willd.	.	.	.	+	.	.	+	
Bull banksia								
<i>Banksia ilicifolia</i> R.Br.	.	.	.	+	.	.	.	
Hollyleaf banksia								
<i>Banksia littoralis</i> R.Br.	+	.	.	
Swamp banksia								
<i>Conospermum stoechadis</i> Endl.	.	+	
Common smokebush								
<i>Conospermum triplinervium</i> R.Br.	.	.	+	
Tree smokebush								
<i>Dryandra nivea</i> R.Br.	.	.	+	
Couch honeypot								
<i>Dryandra sessilis</i> (R.Br.) Druce	.	.	+	
Parrot bush								
<i>Grevillea crithmifolia</i> R.Br.	.	.	+	
Three leaf grevillea								
<i>Grevillea thelemanniana</i> Hueg.	.	.	+	
Spider net grevillea								
<i>Hakea lissocarpa</i> R.Br.	.	.	+	
Honey bush								
<i>Hakea prostrata</i> R.Br.	.	+	+	
Harsh hakea								
<i>Hakea ruscifolia</i> Labill.	.	.	+	
Spike hakea								
<i>Hakea trifurcata</i> (Sm.) R.Br.	.	.	+	
<i>Hakea</i> sp. (S. Paust 1422)	.	.	+	
Susan's hakea								
<i>Persoonia saccata</i> R.Br.	+	
Snotty gobble								
<i>Petrophile linearis</i> R.Br.	.	.	+	
Pixie mops								
<i>Petrophile longifolia</i> R.Br.	.	.	+	
Longleaf cone bush								
<i>Petrophile serruriae</i> R.Br.	.	.	+	
<i>Stirlingia latifolia</i> (R.Br.) Steud.	.	.	.	+	.	.	.	
Blueboy								
<i>Synaphea petiolaris</i> R.Br.	.	.	.	+	.	.	.	
Synaphea								
<i>Synaphea spinulosa</i> (Burm.f.) Merrill	.	.	+	+	.	.	.	
<i>Xylomelum occidentale</i> R.Br.	.	.	.	+	.	.	+	
Woody pear								
RANUNCULACEAE								
<i>Clematis microphylla</i> DC.	.	+	.	+	.	.	.	
Small leaved clematis								
<i>Clematis pubescens</i> Hueg.	.	.	.	+	.	.	.	
Clematis								
<i>Ranunculus colonorum</i> Hueg. in Endl.	.	.	.	+	.	.	.	

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<i>Ranunculus sessiliflorus</i> R.Br. ex DC. Small flowered buttercup	.	.	.	+
RESTIONACEAE								
<i>Leptocarpus aristatus</i> R.Br. Bearded twinerush	.	.	.	+	+	.	.	.
<i>Loxocarya cinerea</i> R.Br.	.	+	+	+	.	+	.	.
<i>Loxocarya flexuosa</i> Benth.	.	.	+	.	+	.	.	.
<i>Lyginia barbata</i> R.Br.	.	+	+	.	+	.	.	.
RHAMNACEAE								
<i>Cryptandra arbutiflora</i> Fenzl. Waxy cryptandra	.	+	.	+	.	.	.	.
<i>Spyridium globulosum</i> (Labill.) Benth.	+	+	.	+	.	+	.	.
<i>Trymalium ledifolium</i> Fenzl.	.	.	+	+	.	+	.	.
RUBIACEAE								
<i>Opercularia hispidula</i> Endl. Hispid stinkweed	.	.	.	+	+	.	.	.
<i>Opercularia vaginata</i> Labill.	.	+	.	.	.	.	.	.
RUTACEAE								
<i>Diplolaena dampieri</i> Desf. Southern diplolaena	+	+	+	+	.	.	.	.
<i>Eriostemon spicatus</i> A. Rich. Pepper and salt	.	+	+	+	.	+	.	.
<i>Phebalium anceps</i> DC. Blister bush	.	.	.	.	+	+	.	.
SANTALACEAE								
<i>Exocarpus sparteus</i> R.Br. Broom ballart	+	+	.	+	.	.	.	.
<i>Leptomeria cunninghamii</i> Miq.	.	+	+	+	.	+	.	.
<i>Leptomeria pauciflora</i> R.Br. Sparse flowered currant bush	.	.	+	.	+	+	.	.
<i>Santalum acuminatum</i> (R.Br.) DC. Quandong	+	+	.	+	.	+	.	.
SAPINDACEAE								
<i>Diplopeltis huegelii</i> Endl. var. <i>huegelii</i>	.	+	+	.	.	.	.	.
<i>Dodonaea aptera</i> Miq.	.	.	+	+	.	+	.	.
SCROPHULARIACEAE								
* <i>Bellardia trixago</i> (L.) All. Trixago bartsia	.	.	+	+	.	+	.	.
* <i>Dischisma arenarium</i> E. Mey	+	.	.	+	.	.	.	.
* <i>Parentucellia latifolia</i> (L.) Car. Common bartsia	.	.	+	+	.	+	.	.
* <i>Parentucellia viscosa</i> (L.) Car. Sticky bartsia	.	+	+	+	.	+	.	.
<i>Veronica calycina</i> R. Br. Cup speedwell	.	+	.	+	.	+	.	.
SOLANACEAE								
<i>Anthocercis littorea</i> Labill. Yellow tailflower	.	+	+	+	.	+	.	+

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<i>*Solanum nigrum</i> L. Black nightshade	.	.	.	+	.	.	.	+
<i>Solanum simile</i> F. Muell.	.	.	+
<i>*Solanum sodomaeum</i> L. Apple of Sodom	.	.	.	+	.	.	.	+

STACKHOUSIACEAE

<i>Stackhousia brunonis</i> Benth.	.	.	.	+	.	.	.	.
<i>Stackhousia huegelii</i> Endl.	.	.	+	+	.	+	.	.

STERCULIACEAE

<i>Lasiopetalum floribundum</i> Benth. Free-flowering lasiopetalum	.	.	.	+	.	.	.	.
<i>Lasiopetalum membranaceum</i> (Steud.) Benth.	.	.	+	+	.	.	.	.
<i>Thomasia cognata</i> Steud.	.	+	.	.	.	.	.	.
<i>Thomasia triphylla</i> (Labill.) J. Gay	.	.	.	+	.	.	.	.

STYLDIACEAE

<i>Stylium brunonianum</i> Benth. Pink fountain triggerplant	.	.	.	.	.	.	+	.
<i>Stylium bulbiferum</i> Benth. Circus triggerplant	.	.	+	.	.	.	.	.
<i>Stylium cariciifolium</i> Lindl. Milkmilks	.	+	+	+	.	.	.	.
<i>Stylium glaucum</i> Labill. ssp. <i>angustifolium</i> Carlg. Grey triggerplant	.	.	.	+	.	.	+	.
<i>Stylium junceum</i> R.Br. Reed triggerplant	.	+	+	+	.	.	.	.
<i>Stylium piliferum</i> R.Br. Common butterfly triggerplant	.	.	.	+	.	.	.	.
<i>Stylium pseudocaespitosum</i> Mildbr.	.	+	+	+	.	.	.	.
<i>Stylium repens</i> R.Br. Matted triggerplant	.	+	+	+	.	.	.	.
<i>Stylium schoenoides</i> DC. Cowkicks	.	+	+	.	.	.	.	.
<i>Stylium</i> sp. (S. Paust 1404)	.	+	.	.	.	.	.	.

THYMELIACEAE

<i>Pimelea ferruginea</i> Labill.	.	+	+	.	.	.	.	.
<i>Pimelea rosea</i> R.Br. Native rose	.	+	+	.	.	.	.	.
<i>Pimelea spectabilis</i> (Fisch. & Mey.) Lindl. Banjine	.	.	.	+	.	.	.	.
<i>Pimelea sylvestris</i> R.Br.	.	+	+	+	+	+	.	.

TREMANDRACEAE

<i>Tetrapetra viminea</i> Lindl. Slender tetratheca	.	.	.	+
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TYPHACEAE

<i>Typha domingensis</i> Pers. Bulrush	+	.	.	.
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VIOLACEAE

<i>Hybanthus calycinus</i> (Steud.) F. Muell. Wild violet	.	.	+	+
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XANTHORRHOEACEAE

Acanthocarpus preissii Lehm.*Lomandra endlicheri* F. Muell.

Mat rush

Lomandra sericea (Endl.) Ewart

Silky mat rush

Lomandra suaveolens (Endl.) Ewart*Xanthorrhoea preissii* Endl.

Blackboy

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