

Painkalac Nature Reserve Flora Species List

Appendix 1. Vascular plant species recorded at the Painkalac Creek wetlands and floodplain study area, Aireys Inlet, Victoria, December 1989.

Taxonomic nomenclature follows Forbes and Ross (1988)

* Denotes introduced species

W Denotes species recorded by M. White but not by us in the study area.

GYMNOSPERMS

CUPRESSACEAE

**Cupressus macrocarpa* Monterey Cypress

PINACEAE

**Pinus radiata* Monterey Pine

FERNS AND FERN ALLIES

ADIANTACEAE

Adiantum aethiopicum Common Maidenhair

BLECHNACEAE

Blechnum minus Soft Water-fern

Blechnum nudum Fishbone Water-fern

DENNSTAEDTIACEAE

Pteridium esculentum Austral Bracken

SCHIZAEACEAE

Schizaea asperula Rough Comb-fern

MONOCOTYLEDONS

CYPERACEAE

Baumea juncea Bare Twig-sedge

Baumea tetragona Square Twig-sedge

Carex appressa Tall Sedge

Carex fascicularis Tassel Sedge

Carex inversa Common Sedge

Carex pumila Strand Sedge

**Cyperus eragrostis* Drain Flat-sedge

Cyperus exaltatus Tall Flat-sedge

**Cyperus tenellus* Tiny Flat-sedge

Eleocharis acuta Common Spike-sedge

Eleocharis sphacelata Tall Spike-sedge

Gahnia filum Chaffy Saw-sedge

Gahnia radula Thatch Saw-sedge

Isolepis cernua Nodding Club-sedge

Isolepis fluitans Floating Club-sedge

Isolepis inundata Swamp Club-sedge

W *Isolepis marginata* Little Club-sedge

Isolepis nodosa Knobby Club-sedge

W *Isolepis platycarpa* Flat-fruit Club-sedge

Lepidosperma elatius Tall Sword-sedge

Lepidosperma gladiatum Coast Sword-sedge

Schoenus nitens Shiny Bog-sedge

IRIDACEAE

* <i>Gladiolus undulatus</i>	Gladiolus
* <i>Romulea rosea</i>	Common Onion-grass
* <i>Sisyrinchium iridifolium</i>	Striped Rush-leaf
* <i>Watsonia versfeldii</i>	Watsonia

JUNCEAE

* <i>Juncus articulatus</i>	Jointed Rush
<i>Juncus bufonius</i>	Toad Rush
* <i>Juncus bulbosus</i>	Bulbous Rush
<i>Juncus holoschoenus</i>	Joint-leaf Rush
<i>Juncus kraussii</i>	Sea Rush
<i>Juncus pallidus</i>	Pale Rush
<i>Juncus pauciflorus</i>	Loose-flower Rush
<i>Juncus planifolius</i>	Broad-leaf Rush
<i>Juncus procerus</i>	Tall Rush
* <i>Juncus sp.</i>	Rush
<i>Juncus subsecundus</i>	Finger Rush

JUNCAGINACEAE

<i>Triglochin procera</i>	Water-ribbons
<i>Triglochin striata</i>	Streaked Arrow-grass

LILIACEAE

* <i>Asphodelus fistulosus</i>	Onion Weed
<i>Dianella revoluta</i>	Black-anther Flax-lily
<i>Dianella revoluta</i> var. <i>brevicaulis</i>	Black-anther Flax-lily
<i>Dianella revoluta</i> var. <i>revoluta</i>	Black-anther Flax-lily
<i>Dichopogon strictus</i>	Chocolate-lily

ORCHIDACEAE

<i>Caladenia dilatata</i>	Green-comb Spider-orchid
<i>Dipodium punctatum</i>	Hyacinth Orchid
W <i>Microtis unifolia</i>	Common Onion-orchid

POACEAE

<i>Agrostis avenacea</i>	Common Blown-grass
W <i>Agrostis billardieri</i>	Coast Blown-grass
* <i>Agrostis capillaris</i>	Brown-top Bent
* <i>Aira caryophylla</i>	Silvery Hair-grass
* <i>Aira elegantissima</i>	Hair-grass
<i>Amphibromus archeri</i>	Pointed Swamp Wallaby-grass
<i>Amphibromus recurvatus</i>	Dark Swamp Wallaby-grass
* <i>Amphibromus sp.</i>	Swamp Wallaby-grass
* <i>Anthoxanthum odoratum</i>	Sweet Vernal-grass
* <i>Avena strigosa</i>	Bristle Oat
* <i>Briza minor</i>	Lesser Quaking-grass
* <i>Bromus catharticus</i>	Prairie Grass
* <i>Bromus diandrus</i>	Great Brome
* <i>Bromus hordeaceus</i>	Soft Brome
<i>Chionochloa pallida</i>	Silvertop Wallaby-grass
* <i>Critesion marinum</i>	Sea Barley-grass
* <i>Critesion murinum</i> ssp. <i>leporinum</i>	Wall Barley-grass
* <i>Cynodon dactylon</i>	Couch
* <i>Cynodon sp.</i>	Couch
* <i>Dactylis glomerata</i>	Cocksfoot
<i>Danthonia caespitosa</i>	Common Wallaby-grass
<i>Danthonia geniculata</i>	Kneed Wallaby-grass
W <i>Danthonia laevis</i>	Smooth Wallaby-grass
<i>Danthonia racemosa</i>	Branched Wallaby-grass

POACEAE (cont'd.)

Danthonia semiannularis	Heath Wallaby-grass
Danthonia sp.	Wallaby-grass
Dichelachne crinita	Long-hair Plume-grass
Dichelachne micrantha	Short-hair Plume-grass
Distichlis distichophylla	Australian Salt-grass
Elymus scabrus	Common Wheat-grass
Eragrostis parviflora	Weeping Love-grass
*Eragrostis sp.	Love-grass
*Festuca arundinacea	Tall Fescue
*Holcus lanatus	Yorkshire Fog
*Lagurus ovatus	Hare's Tail
*Lolium perenne	Perennial Rye-grass
Microlaena stipoides	Weeping Grass
*Parapholis incurva	Coast Barb-grass
*Parapholis sp.	Barb-grass
*Paspalum dilatatum	Paspalum
*Paspalum distichum	Water Couch
*Pennisetum clandestinum	Kikuya
*Phalaris aquatica	Toowoomba Canary-grass
*Phalaris arundinacea	Reed Canary-grass
Phragmites australis	Common Reed
*Poa annua	Annual Meadow-grass
Poa labillardieri	Common Tussock-grass
Poa poliformis	Blue Tussock-grass
Poa sieberiana	Grey Tussock-grass
*Poa sp.	Tussock-grass
*Polypogon monspeliensis	Annual Beard-grass
Puccinellia stricta	Australian Saltmarsh-grass
Sporobolus virginicus	Salt Couch
*Stenotaphrum secundatum	Buffalo Grass
Stipa flavescens	Coast Spear-grass
Themeda triandra	Kangaroo Grass
*Vulpia bromoides	Squirrel-tail Fescue

POTAMOGETONACEAE

Potamogeton ochreatus	Blunt Pondweed
Potamogeton pectinatus	Fennel Pondweed
Ruppia polycarpa	Many-fruit Tassel

TYPHACEAE

♂ Typha domingensis	Cumbungi
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XANTHORRHOEACEAE

Lomandra filiformis	Wattle Mat-lily
Lomandra filiformis ssp. coriacea	Wattle Mat-Lily
Lomandra filiformis ssp. filiformis	Wattle Mat-Lily
Lomandra longifolia	Spiny-headed Mat-lily

ZANNICHELLIACEAE

Lepilaena cylindrocarpa	Long-fruited Water-mat
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ZOSTERACEAE

W Zostera ?muelleri	Dwarf Grass-wrack
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DICOTYLEDONS

AIZOACEAE

*Carpobrotus edulis	Hottentot
Carpobrotus rossii	Karkalla
Tetragonia implexicoma	Bower Spinach

APIACEAE

Apium annuum	Annual Celery
Apium prostratum	Sea Celery
Centella cordifolia	Centella
*Foeniculum vulgare	Fennel
<u>Lilaeopsis polyantha</u>	Australian Lilaeopsis
<u>Platysace lanceolata</u>	Shrubby Platysace

APOCYNACEAE

*Vinca major	Blue Periwinkle
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ASTERACEAE

*Arctotheca calendula	Cape Weed
*Aster subulatus	Aster-weed
Brachyscome graminea	Grass Daisy
Calocephalus lacteus	Milky Beauty-heads
*Chrysanthemoides monilifera	Boneseed
*Cirsium vulgare	Spear Thistle
*Conyza albida	Fleabane
*Conyza sp.	Fleabane
*Cotula coronopifolia	Water Buttons
Cotula reptans	Creeping Cotula
*Dittrichia graveolens	Stinkweed
Gnaphalium gymnocephalum	Creeping Cudweed
Gnaphalium involucreatum sensu stricto	Cudweed
Gnaphalium sphaericum	Common Cudweed
Helichrysum dendroideum	Tree Everlasting
*Hypochoeris radicata	Cat's Ear
*Leontodon taraxacoides	Hairy Hawkbit
Olearia axillaris	Coast Daisy-Bush
*Picris echioides	Ox-tongue
Pseudognaphalium luteo-album	Jersey Cudweed
Senecio glomeratus	Annual Fireweed
W Senecio hispidulus	Rough Fireweed
Senecio minimus	Shrubby Fireweed
W Senecio quadridentatus	Cotton Fireweed
*Senecio sp.	Fireweed
Senecio tenuiflorus	Narrow Groundsel
*Sonchus asper	Rough Sow-thistle
*Sonchus oleraceus	Milk Thistle
*Sonchus sp.	Thistle
*Taraxacum Sect. Vulgaria	Garden Dandelion
*Vellereophyton dealbatum	White Cudweed

BRASSICACEAE

*Hirschfeldia incana	Hoary Mustard
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CALLITRICHACEAE

*Callitriche sp.	Starwort
*Callitriche stagnalis	Water Starwort

CAMPANULACEAE

Lobelia alata	Angled Lobelia
Pratia pedunculata	Matted Pratia
Pratia platycalyx	Salt Pratia
Wahlenbergia gracilis	Sprawling Bluebell

CARYOPHYLLACEAE

*Cerastium glomeratum	Common Mouse-ear Chickweed
*Polycarpon tetraphyllum	Four-leaved Allseed
? <u>Spergularia media</u>	Coast Sand-spurrey
Stellaria pungens	Prickly Starwort

CHENOPODIACEAE

*Atriplex prostrata	Creeping Saltbush
Chenopodium glaucum	Glaucous Goosefoot
*Chenopodium murale	Sowbane
Rhagodia candolleana	Seaberry Saltbush
Sarcocornia quinqueflora	Beaded Glasswort

CLUSIACEAE

Hypericum gramineum	Small St. John's Wort
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CONVOLVULACEAE

Dichondra repens	Kidney-weed
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CRASSULACEAE

W Crassula helmsii	Swamp Crassula
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DILLENIACEAE

Hibbertia sericea	Silky Guinea-flower
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DROSERACEAE

Drosera peltata ssp. auriculata	Tall Sundew
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EPACRIDACEAE

Leucopogon parviflorus	Coast Beard-heath
Lissanthe strigosa	Peach Heath

ERICACEAE

*Erica lusitanica	Spanish Heath
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FABACEAE

*Cytisus palmensis	Tree Lucerne
*Genista linifolia	Genista
Glycine clandestina	Twining Glycine
*Lotus corniculatus	Bird's-foot Trefoil
*Lotus hispidus	Hair Bird's-foot Trefoil
*Lotus pedunculatus	Greater Bird's-foot Trefoil
*Medicago minima	Little Medic.
*Medicago polymorpha	Burr Medic
*Melilotus indica	Sweet Melilotus
Pultenaea daphnoides	Large-leaf Bush-pea
*Trifolium angustifolium	Narrow-leaf Clover
*Trifolium dubium	Suckling Clover
*Trifolium glomeratum	Cluster Clover
*Trifolium repens	White Clover
*Ulex europaeus	Furze
*Vicia sativa	Common Vetch
*Vicia sativa ssp. sativa	Common Vetch
*Vicia tetrasperma	Slender Vetch
W Viminaria juncea	Golden Spray

GENTIANACEAE

*Centaurium erythraea	Common Centaury
*Centaurium spicatum	Spike Centaury
*Centaurium tenuiflorum	Centaury
*Cicendia quadrangularis	Square Cicendia
Sebaea albidiflora	White Sebaea

GERANIACEAE

Geranium potentilloides	Cinquefoil
Geranium retrorsum	Grassland Crane's-bill
W Geranium solanderi	Austral Crane's-bill
Pelargonium australe	Austral Stork's-bill

GOODENIACEAE

Goodenia geniculata	Bent Goodenia
Goodenia ovata	Hop Goodenia
Selliera radicans	Shiny Swamp-mat

HALORAGACEAE

Gonocarpus tetragynus	Common Raspwort
Myriophyllum amphibium	Broad Milfoil
Myriophyllum simulans	Amphibious Milfoil
*Myriophyllum sp.	Milfoil

LAURACEAE

Cassytha melantha	Coarse Dodder-laurel
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LINACEAE

W Linum marginale	Native Flax
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LYTHRACEAE

Lythrum hyssopifolia	Small Loosestrife
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MALVACEAE

Gynatrix pulchella	Hemp Bush
Lawrencia spicata	Salt Lawrencia

MENYANTHACEAE

Villarsia reniformis	Running Marsh-flower
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MIMOSACEAE

Acacia melanoxylon	Blackwood
Acacia pycnantha	Golden Wattle
Acacia sophorae	Coast Wattle
W Acacia suaveolens	Sweet Wattle
Acacia verniciflua	Varnish Wattle
Acacia verticillata	Prickly Moses
Acacia verticillata var. verticillata	Prickly Moses
*Albizia lophantha	Cape Wattle

MYOPORACEAE

Myoporum insulare	Common Boobialla
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MYRTACEAE

Eucalyptus ovata	Swamp Gum
Eucalyptus sideroxylon	Red Ironbark
Eucalyptus viminalis	Manna Gum
Leptospermum juniperinum	Prickly Tea-tree
♂, Leptospermum laevigatum	Coast Tea-tree
♂, Melaleuca armillaris	Bracelet Paperbark
Melaleuca lanceolata	Moonah
♂, Melaleuca parvistaminea	Rough Paperbark
Melaleuca squarrosa	Scented Paperbark

ONAGRACEAE

Epilobium billardierianum ssp. billardieranum	Robust Willow-herb
Epilobium billardierianum ssp. cinereum	Variable Willow-herb
Epilobium hirtigerum	Hairy Willow-herb

OXALIDACEAE

Oxalis exilis	Shady Wood-sorrel
*Oxalis pes-caprae	Soursob
*Oxalis sp.	Soursob

PITTOSPORACEAE

Bursaria spinosa var. macrophylla	Sweet Bursaria
Bursaria spinosa var. spinosa	Sweet Bursaria

PLANTAGINACEAE

*Plantago coronopus	Buck's-horn Plantain
Plantago debilis	Shade Plantain
*Plantago lanceolata	Ribwort
Plantago varia	Variable Plantain

POLYGALACEAE

*Polygala myrtifolia	Myrtle-leaf Milkwort
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POLYGONACEAE

Muehlenbeckia adpressa	Climbing Lignum
*Polygonum aviculare	Prostrate Knotweed
Polygonum minus	Slender Knotweed
*Polygonum sp.	Knotweed
*Rumex acetosella spp. agg.	Sheep Sorrel
Rumex brownii	Slender Dock
*Rumex conglomeratus	Clustered Dock
*Rumex crispus	Curled Dock
*Rumex pulcher	Fiddle Dock
*Rumex sagittatus	Arrow Dock

PORTULACACEAE

Montia australasica	White Purslane
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PRIMULACEAE

*Anagallis arvensis	Pimpernel
Samolus repens	Creeping Brookweed

RANUNCULACEAE

Clematis aristata	Mountain Clematis
*Ranunculus repens	Creeping Buttercup
Ranunculus rivularis	Small River Buttercup

RHAMNACEAE

Pomaderris aspera	Hazel Pomaderris
Pomaderris oraria	Coast Pomaderris

ROSACEAE

Acaena agnipila	Hairy Sheep's Burr
Acaena anserinifolia	Bidgee-widgee
W Acaena echinata	Sheep's Burr
Acaena ovina	Australian Sheep's Burr
*Prunus cerasifera	Cherry-plum
*Rosa rubiginosa	Sweet Briar
Rubus parvifolius	Small-leaf Bramble
*Rubus procerus	Blackberry
*Rubus sp.	Blackberry

RUBIACEAE

Coprosma quadrifida	Prickly Coprosma
*Coprosma repens	Taupata
Opercularia varia	Variable Stinkweed

SALICACEAE

*Salix babylonica	Weeping Willow
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SCROPHULARIACEAE

Gratiola peruviana	Brooklime
Mimulus repens	Creeping Monkey-flower
Veronica gracilis	Slender Speedwell

SOLANACEAE

*Lycium ferocissimum	African Box-thorn
*Physalis alkekengi	Alkekengi
Solanum laciniatum	Large Kangaroo Apple
*Solanum nigrum	Black Nightshade

THYMELAEACEAE

Pimelea serpyllifolia	Thyme Rice-flower
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VIOLACEAE

*Viola odorata	Fragrant Violet
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List from Painkalac Creek Wetlands and Floodplain Environmental Study, Ecological Horticulture, Biosis, March 1990

Appendix 3

Quadrat Data taken from Brackish Grassland (EVC 934)

Data Source: Flora Information System: Biodiversity and Natural Resources: DSE - 2004

D09500Recs: 34

Date: 14 Dec 2005

Lon-Lat: 144°05'50" 38°27'46"

AMG : 55 246726 5738817

Altitude: 1

Collector: SJSIN; MDW

* denotes introduced species

- + 0107 *Acaena ovina* - Australian Sheep's Burr
- + 0166 * *Aira elegantissima* - Delicate Hair-grass
- + 0961 *Austrodanthonia caespitosa* - Common Wallaby-grass
- + 0967 *Austrodanthonia laevis* - Smooth Wallaby-grass
- + 0980 *Austrodanthonia setacea* - Bristly Wallaby-grass
- + 0496 * *Briza minor* - Lesser Quaking-grass
- + 0501 * *Bromus hordeaceus subsp. hordeaceus* - Soft Brome
- 2 0583 *Calocephalus lacteus* - Milky Beauty-heads
- + 0702 * *Centaureum erythraea* - Common Centaury
- + 1033 *Dichelachne crinita* - Long-hair Plume-grass
- + 1036 *Dichondra repens* - Kidney-weed
- 1 1076 *Distichlis distichophylla* - Australian Salt-grass
- + 0146 *Elymus scaber var. scaber* - Common Wheat-grass
- + 4447 *Epilobium billardierianum subsp. intermedium* - Variable Willow-herb
- + 1466 *Euchiton collinus s.s.* - Creeping Cudweed
- + 1748 * *Hypochoeris radicata* - Cat's Ear
- + 1830 *Juncus pallidus* - Pale Rush
- + 1843 *Juncus subsecundus* - Finger Rush
- 1 0850 *Leptinella reptans s.l.* - Creeping Cotula
- + 2056 * *Lotus angustissimus* - Slender Bird's-foot Trefoil
- + 8739 *Microtis spp.* - Onion Orchid
- + 0979 *Notodanthonia semiannularis* - Wetland Wallaby-grass
- + 2386 *Oxalis perennans* - Grassland Wood-sorrel
- + 2553 * *Plantago coronopus* - Buck's-horn Plantain
- 1 2561 * *Plantago lanceolata* - Ribwort
- 4 2600 *Poa labillardierei* - Common Tussock-grass
- 1 2605 *Poa poiformis* - Coast Tussock-grass
- + 2942 * *Romulea rosea* - Onion Grass
- + 3100 *Selliera radicans* - Shiny Swamp-mat
- + 3163 * *Sisyrinchium iridifolium* - Blue Pigroot
- + 3427 * *Trifolium dubium* - Suckling Clover
- 1 3506 *Veronica gracilis* - Slender Speedwell
- + 3516 * *Vicia hirsuta* - Tiny Vetch
- + 3548 * *Vulpia muralis* - Wall Fescue