

# **APACE**

## **Revegetation Catalogue**

### **Bassendean Vegetation Complex**



**The Appropriate Technology Development Group Inc.  
2012**

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## **APACE WA**

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APACE and the surrounding land is the home of the Appropriate Technology Development Group Inc. and APACE AID Inc. Collectively these organisations are known as APACE WA and are non-profit and community based. The location is on one hectare of land adjacent to the banks of the Swan River in North Fremantle. The offices are housed in historic Winter House, built in the 1880's and restored by a community project in the early 1980's. APACE WA has been resident at Winter House since 1983.

Activities undertaken by APACE WA include:

- The APACE Revegetation Nursery specialises in the propagation and supply of plant species indigenous to the Swan Coastal Plain and the Darling Range. Plants from the nursery are used in revegetation and landscaping projects throughout the Perth metropolitan region. The nursery is accredited with the Nursery Industry Accreditation Scheme of Australia (NIASA) and all stock is grown under strict hygienic conditions. Each year the nursery produces more than four hundred thousand plants and provides a selection of two hundred and eighty different species that are generally unavailable elsewhere. The APACE nursery was the first West Australian nursery to bring into cultivation a range of common rush and sedge species for wetlands revegetation projects.
- Consultancy services are provided in landscape architecture, revegetation design and site rehabilitation, including species selection, remedial works, weed eradication and other management issues. Flora and fauna surveys, where required, are also conducted. Clients include government departments, local government, schools, community groups and the private sector.
- APACE provides a comprehensive project management and implementation service. We conduct project management of both large and small-scale revegetation projects. We offer services in landscape architecture, project design, seed collection, planting, fencing and follow-up maintenance works. We also undertake a variety of construction projects including bird hides, boardwalks, beach shelters and dunal fencing.
- Since 1983 APACE has been providing education and training programmes for the community. Many of these programmes have had an environmental focus and have been conducted by APACE throughout Western Australia.

APACE offers two special courses to assist people with revegetation - "Introduction to Bush Regeneration" and "Seed Collection of West Australian Native Plants". Both courses include practical components and provide an excellent introduction to bush regeneration techniques and practices.

- The Swan Regional Seedbank has been set up by APACE to develop and maintain a regional seed bank of species indigenous to the Swan Coastal Plain and Darling Scarp and Range. The Swan Regional Seedbank provides a facility that enables community groups to store seed collected from their own reserves. The Seedbank acts as a training and education facility to support collection of indigenous seed material.

# APACE COMMUNITY REVEGETATION NURSERY



## Contracts

All plant species shown in the catalogue are propagated in preparation for the planting season (May to August). Contract orders are welcome. Orders can be placed at any time, however to secure supply of your preferred species it is advisable to order nine months prior to the planting season.

Indigenous species not shown in the catalogue but that are required can be grown on a contract basis.

Wherever possible species are grown from regional provenance seed. A seed collection service is available should you require plants to be grown from local seed.

## Recycling

All plastic pots and trays can be returned to the nursery for re-cycling, where they are put through our pot sanitisation process before re-use.

## How to use the Catalogue

Many of our Western Australian plants are difficult, if not impossible to propagate. The lists shown in this publication are refined from the total plant species that grow in this vegetation complex. These refinements are made after considering the following factors:

- Seed and cutting material availability
- Plants can be produced in commercial quantities
- No annual and ephemeral species are included
- No rare flora or orchid species are included
- Species for which cultivation techniques have not yet been developed

With the advent of smoke-induced germination we have seen an increase in the numbers of species brought into commercial cultivation. These numbers are likely to increase still further with continued research.

This catalogue presents the plant species in lists according to the soil type in which they naturally occur. A map indicating the locations of the different soil types is included to assist with project area identification. The lists are formed from those species that are currently able to be cultivated and for which seed and cutting material are available. Common names shown in inverted commas, such as "Mooja", are Aboriginal names. Sizes shown are median sizes (in metres). The ranges of flowering times are shown in months. Flower colours are also indicated.

## Notes on Soil Types

The map on the following page shows the different soil types of the Swan Coastal Plain.

The soils of the Quindalup Dune System, Cottesloe and Karrakatta soil associations and the Bassendean Dune system are termed 'aeolian' and are named after the Greek god of the wind, *Aeolos*. Aeolian soils are deposited on the coast by the ocean and then transported by the wind to form dunes. The Quindalup dunes, being the furthestmost west are the youngest at approximately 0 to 7,000 years, while the Bassendean dunes are the oldest at approximately 118,000 to 225,000 years.

Within this band of dunes is a system of north - south trending lakes and swamps, which have a surrounding peaty soil known as Herdsman soils. Yoongarillup soils on the other hand are the result of marine deposits and are found bordering Peel Inlet and Lakes Clifton and Preston and the Leschenault Inlet.

Alluvial soils are soils that have been washed and transported by water. On the Swan Coastal Plain these soils are termed Forrestfield, Guildford, Swan, Beermullah, Vasse and Yanga. Southern River soils are aeolian over alluvial and consist of Bassendean sands blown over Guildford and Forrestfield soils.

The Darling Range consists of a complex mosaic of soil types that are collectively known as Darling Range laterites. In the catalogue these have been identified as Darling Scarp and Darling plateau - laterite, granite and valleys.

## Acknowledgments

The plant species arrived at in this catalogue have been obtained from the authors' experience and by reference to previous works by others. In particular the authors wish to acknowledge the work of Powell and Emberson in *Growing Locals - gardening with local plants in Perth*. This publication systematically lists the location of approximately 1,500 native plants in the Perth region and we recommend it to the reader. We would also like to acknowledge Havell in Forest Department Bulletin, numbers 86 and 87. All errors and omissions remain of course the responsibility of the authors. All comments will be gratefully appreciated and should be directed to the Secretary, Appropriate Technology Development Group (Inc.), 1 Johannah Street, North Fremantle.

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# MAP

## Swan Coastal Plain Soil Types

### *Aeolian Soils*

Quindalup



Cottesloe



Herdsmen



Karrakatta



Bassendean



### *Aeolian over Alluvial*

Southern River

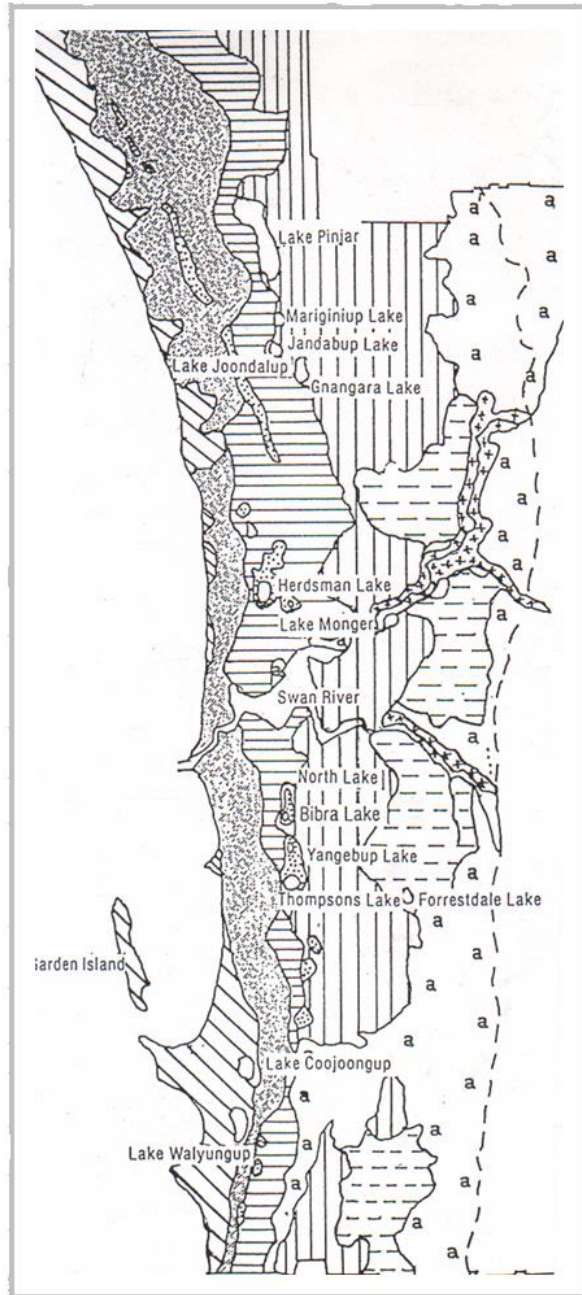


### *Alluvial*

Swan



Other Alluvial



Adapted from "The Atlas of Natural Resources: Darling System, Western Australia" (WA Department of Conservation and Environment). In "Leaf and Branch: Trees & Tall Shrubs of Perth" by Robert Powell, CALM Perth (1991), p. 14.

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## BASSENDEAN VEGETATION COMPLEX

Genus	Species	Common Name	Size Flowers	Colour
<i>Acacia</i>	<i>pulchella</i>	Prickly Moses	2 Jun-Oct	yellow
<i>Acacia</i>	<i>saligna</i>	"Coojong"	6 Aug-Oct	yellow
<i>Acacia</i>	<i>sessilis</i>		1 Jul-Oct	yellow
<i>Allocasuarina</i>	<i>fraseriana</i>	Common Sheoak	12 May-Nov	
<i>Allocasuarina</i>	<i>humilis</i>	Dwarf Sheoak	1.5 May-Nov	
<i>Anigozanthos</i>	<i>humilis</i>	Catspaw	0.5 Aug-Oct	yellow/red
<i>Anigozanthos</i>	<i>manglesii</i>	Mangles Kangaroo Paw	0.5 Sep-Nov	red/green
<i>Aotus</i>	<i>gracillima</i>		1 Oct-Nov	yellow
<i>Aotus</i>	<i>procumbens</i>		0.5 Aug-Sep	yellow/red
<i>Austrodanthonia</i>	<i>caespitosa</i>	Ringed Wallaby Grass	0.5 Oct-Nov	
<i>Austrostipa</i>	<i>semibarbata</i>	Bearded Spear Grass	1.5 Aug-Nov	
<i>Banksia</i>	<i>armata</i>	Prickly Dryandra	2 Jun-Oct	yellow
<i>Banksia</i>	<i>attenuata</i>	Candle Banksia	8 Sep-Oct	yellow
<i>Banksia</i>	<i>dellanayi</i>	Couch honeypot	low May-Sep	yellow
<i>Banksia</i>	<i>grandis</i>	Bull Banksia	8 Sep-Dec	yellow
<i>Banksia</i>	<i>menziesii</i>	Firewood Banksia	8 Feb-Aug	red
<i>Beaufortia</i>	<i>elegans</i>	Elegant Beaufortia	1 Nov-Feb	purple
<i>Bossiaea</i>	<i>eriocarpa</i>	Common Brown Pea	0.5 Jul-Oct	brown/yellow
<i>Brachycome</i>	<i>iberidifolia</i>	Swan River Daisy	low Aug-May	blue
<i>Burchardia</i>	<i>congesta</i>	Milkmaids	0.5 Aug-Oct	white
<i>Calothamnus</i>	<i>sanguineus</i>	Silky Leaved Blood Flower	1 Mar-Nov	red
<i>Calytrix</i>	<i>angulata</i>	Yellow Starflower	1 Sep-Dec	yellow
<i>Conostylis</i>	<i>aculeata</i>	Prickly Conostylis	0.5 Sep-Oct	yellow
<i>Conostylis</i>	<i>candicans</i>	Grey Cottonheads	0.5 Aug-Sep	yellow
<i>Corymbia</i>	<i>calophylla</i>	Marri	35 Jan-May	white
<i>Dielsia</i>	<i>stenostachya</i>		0.6 Feb-May	
<i>Dodonaea</i>	<i>hackettiana</i>	Perth Hopbush	4 Jul-Oct	green
<i>Dryandra</i>	<i>armata</i>	Prickly Dryandra	2 Jun-Oct	yellow
<i>Dryandra</i>	<i>lindleyana</i>	Couch Honeypot	low May-Sep	gold
<i>Eucalyptus</i>	<i>marginata</i>	Jarrah	30 Sep-Feb	cream
<i>Eucalyptus</i>	<i>toadtiana</i>	Prickly Bark	10 Feb	cream
<i>Gastrolobium</i>	<i>capitatum</i>	Bacon and Eggs	0.5 Jun-Sep	yellow
<i>Gastrolobium</i>	<i>nervosum</i>		0.5 Jul-Nov	yell/red
<i>Gompholobium</i>	<i>confertum</i>		1 Sep-Dec	yellow
<i>Gompholobium</i>	<i>scabrum</i>		0.5 Aug-Sep	purple
<i>Gompholobium</i>	<i>tomentosum</i>	Yellow Pea	0.5 Aug-Dec	yellow
<i>Haemodorum</i>	<i>laxum</i>	Bloodroot	0.5 Nov	black
<i>Haemodorum</i>	<i>spicatum</i>	"Mardja"	0.5 Nov-Dec	black
<i>Hakea</i>	<i>ruscifolia</i>	Candle Hakea	3 Dec-Mar	white
<i>Hardenbergia</i>	<i>comptoniana</i>	Native Wisteria	climb Jun-Sep	purple
<i>Hemiandra</i>	<i>pungens</i>	Snake Bush	low All year	purple
<i>Hypocalymma</i>	<i>robustum</i>	Swan River Myrtle	1 Jul-Oct	pink
<i>Jacksonia</i>	<i>furcellata</i>	Grey Stinkwood	3 Aug-Mar	yellow
<i>Jacksonia</i>	<i>sericea</i>	"Waldjumi"	0.6 Dec-Feb	orange
<i>Jacksonia</i>	<i>sternbergiana</i>	Green Stinkwood	3 All year	orange
<i>Kennedia</i>	<i>prostrata</i>	Running Postman	low Jul-Nov	red
<i>Leptospermum</i>	<i>spinescens</i>		1.5 Sep-Nov	white
<i>Melaleuca</i>	<i>preissiana</i>	"Modong"	10 Nov-Jan	white
<i>Melaleuca</i>	<i>rhapsiophylla</i>	Swamp Paperbark	8 Sep-Jan	white

## BASSENDEAN VEGETATION COMPLEX

Genus	Species	Common Name	Size Flowers	Colour
<i>Melaleuca</i>	<i>scabra</i>	Rough Honey Myrtle	0.5 Sep-Dec	purple
<i>Melaleuca</i>	<i>seriata</i>		1 Oct-Dec	pink
<i>Melaleuca</i>	<i>thymoides</i>		1 Sep-Jan	yellow
<i>Melaleuca</i>	<i>trichophylla</i>		0.7 Nov-Jan	pink/purple
<i>Neurachne</i>	<i>alopecuroidea</i>	Foxtail Mulga Grass	0.5 Aug-Nov	
<i>Opercularia</i>	<i>vaginata</i>	Dog Weed	0.3 Aug-Oct	green
<i>Orthrosanthus</i>	<i>laxus</i>	Morning Iris	0.5 Aug-Oct	mauve
<i>Patersonia</i>	<i>occidentalis</i>	Western Patersonia	0.5 Sep-Dec	purple
<i>Persoonia</i>	<i>saccatta</i>	Snottygobble	1.5 Jul-Jan	yellow
<i>Philotheca</i>	<i>spicata</i>	Salt and Pepper	0.5 Aug-Sep	mauve
<i>Pultenaea</i>	<i>reticulata</i>		2 Aug-Nov	yell/red
<i>Regelia</i>	<i>inops</i>		2 Oct-Jan	mauve
<i>Xanthorrhoea</i>	<i>preissii</i>	Grass Tree	3 Nov-Jan	white
<i>Xylomeleum</i>	<i>occidentale</i>	Woody Pear	8 Dec-Feb	cream



## BASSENDEAN SWAMPS

Genus	Species	Common Name	Size	Flowers	Colour
Acacia	dentifera		3	Aug-Nov	yellow
Acacia	pulchella	Prickly Moses	2	Jun-Oct	yellow
Acacia	saligna	"Coojong"	6	Aug-Oct	yellow
Actinostrobus	acuminatus		0.4	Oct-Dec	
Actinostrobus	pyramidalis	Swamp Cypress	2	Oct-Dec	
Anigozanthos	viridis	Green Kangaroo Paw	0.5	Aug-Oct	green
Aotus	gracillima		1	Oct-Nov	yellow
Aotus	procumbens		0.5	Aug-Sep	yellow/red
Astartea	scoparia		1.5	Dec-Feb	pink
Banksia	littoralis	Swamp Banksia	10	Mar-Jul	yellow
Baumea	juncea	Bare Twig-rush	1	Oct-Jan	brown
Baumea	vaginalis	Sheath Twig Sedge	1.2	Oct-Nov	brown
Beaufortia	elegans	Elegant Beaufortia	1	Nov-Feb	purple
Burchardia	congesta	Milkmaids	0.5	Aug-Oct	white
Burchardia	multiflora	Dwarf Burchardia	low	Jul-Oct	pink
Calothamnus	lateralis		1	Aug-Dec	red
Calothamnus	quadrifidus	One-sided Bottlebrush	2	Aug-Dec	red
Carex	appressa	Tall Sedge	1.5	Sept-Oct	brown
Centella	asiatica	Centella	0.1	All year	pink
Cotula	coronopifolia	Water Buttons	0.2	All year	yellow
Dampiera	trigona				
Dianella	revoluta	Flax Lily	1	Jun-Aug	orange
Dielsia	stenostachya		0.6	Feb-May	
Eucalyptus	rudis	Flooded Gum	15	Apr-Nov	cream
Euchilopsis	linearis	Swamp Pea	1.5	Jul-Dec	orange/red
Ficinia	nodosa	Knotted Club Rush	1	Nov-Mar	brown
Gompholobium	scabrum		0.5	Aug-Sep	purple
Haemodorum	spicatum	"Mardja"	0.5	Nov-Dec	black
Hakea	varia	Variable Leaved Hakea	3	Jul-Oct	white
Hovea	trisperma	Common Hovea	0.5	Jun-Sep	purple
Hypocalymma	angustifolium	White Myrtle	1	Jul-Oct	pink
Isolepis	cernua	Nodding Club-rush	0.2	All year	
Jacksonia	furcellata	Grey Stinkwood	3	Aug-Mar	yellow
Jacksonia	sternbergiana	Green Stinkwood	3	All year	orange
Juncus	pallidus	Giant Rush	2	Oct-Nov	white
Kunzea	glabrescens	Spear Wood	3	Sep-Nov	yellow
Kunzea	recurva	Mountain Kunzea	1.5	Aug-Nov	mauve
Lobelia	alata	Angled Lobelia	0.3	Mar-Apr	blue
Meeboldina	scariosus		1	Sept-May	
Melaleuca	incana	Grey Honey Myrtle	3	Jul-Oct	yellow
Melaleuca	lateritia	Robin Redbreast Bush	2	Sep-Apr	red
Melaleuca	preissiana	"Modong"	10	Nov-Jan	white
Melaleuca	rhapsiophylla	Swamp Paperbark	8	Sep-Jan	white
Melaleuca	systema	Coastal Honeymyrtle	1	Sep-Dec	cream
Melaleuca	teretifolia	"Banbar"	4	Oct-Jan	white
Melaleuca	thymoides		1	Sep-Jan	yellow
Paraserianthes	lophantha	Albizzia	3	Aug-Sep	yellow
Pericalymma	ellipticum	Swamp Tea Tree	1	Sep-Dec	white
Oxylobium	lineare	Narrow leaved Oxylobium	2	Sep-Jan	yellow

## BASSENDEAN SWAMPS

Genus	Species	Common Name	Size	Flowers	Colour
Philotheca	spicata	Salt and Pepper	0.5	Aug-Sep	mauve
Pultenaea	reticulata		2	Aug-Nov	yell/red
Regelia	ciliata		2	Nov-Feb	red
Regelia	inops		2	Oct-Jan	mauve
Taxandria	linearifolia	Swamp Peppermint	4	All year	white
Triglochin	procerum		1	Jun-Nov	
Villarsia	albiflora		1	Sep-Dec	white
Viminaria	juncea	Swish Bush	4	Oct-Dec	yellow
Xanthorrhoea	preissii	Grass Tree	3	Nov-Jan	white

## Notes



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