## **APACE**

# Revegetation Catalogue Cottesloe Vegetation Complex



The Appropriate Technology Development Group Inc. 2013

## **CONTENTS**

Catalogue Notes	. 3
Мар	. 6
Cottesloe Vegetation Complex	. 7
Cottesloe Ridges	. 9

#### **APACE WA**

#### Winter House 1 Johannah Street North Fremantle 6159

Phone: (09) 336 1262 Fax: (09) 430 5729 Email: apace@apacewa.org.au web: www.apacewa.org.au

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.

#### Costs

All plants are grown in 70 x 70 x 100 mm pots or 50 x 50 x 125 mm native tree tubes.

• 1 – 19 plants	\$2.73 each	\$3.00 incl. GST	No delivery		
• 20 - 49 plants	\$2.28 each	\$2.50 incl. GST	No delivery		
• 50 - 99 plants	\$1.81 each	\$2.00 incl. GST	No delivery		
Members		\$2.00 incl. GST	No delivery		
• 100 – 999 plants	\$1.50 each	\$1.65 incl. GST	Zone 1, 2 or 3 (see below)		
• 1000 – 4,999 plants	\$1.455 each	\$1.60 incl. GST	Zone 1, 2 or 3		
• 5,000 – 9,999 plants	\$1.41 each	\$1.55 incl. GST	Zone 1, 2 or 3		
• 10,000> plants	\$1.363 each	\$1.50 incl. GST	Zone 1, 2 or 3		
<b>Zone 1</b> (within 15 kms) \$60 (inc) <b>Zone 2</b> (15-30 kms) \$90 (inc) <b>Zone 3</b> (30-45 kms) \$120 (inc)					

#### 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 furthermost 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 be 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.

#### References

- 1. Bennett, E.M. (1991). Common and Aboriginal Names of Western Australian Plant Species. Wildflower Society of Western Australia.
- 2. Green, J.W. (1985). *Census of the Vascular Plants of Western Australia*. Department of Agriculture, Perth.
- 3. Heddle, E.M., Loneragan, O.W. and Havell, J.J. (1980). *Darling System Vegetation Complexes*. Department of Conservation and Environment, Western Australia.
- 4. Marchant, N.G., Wheeler, J.R., Rye, B.L., Bennett, E.M., Lander, N.S., MacFarlane, T.D. (1987). *Flora of the Perth Region. (Parts 1 & 2)* Department of Agriculture, Perth.
- 5. McArthur, W.M. and Bettenay, E. (1974). *Development and Distribution of Soils of Swan Coastal Plain*. CSIRO, Melbourne.
- 6. Powell, R. and Emberson, J. (1996). *Growing Locals gardening with local plants in Perth.* Western Australian Naturalists' Club (Inc.), Nedlands.
- 7. Trudgen, M. (1991). A Flora and Vegetation Survey of the Coast of the City of Mandurah. Department of Planning and Urban Development, Perth.
- 8. Trudgen, M. (1984). Flora and Vegetation of the Leschenault Peninsula. Department of Conservation and Environment, Perth

A publication of Appropriate Technology Development Group (Inc.) Copyright 1997 A.D. Freeman & G.P Reid

#### MAP

## Swan Coastal Plain Soil Types

#### Aeolian Soils

Quindalup

1/1/

Cottesloe

*f*}\_

Herdsman

D Herd:

Karrakatta



Bassendean



#### Aeolian over Alluvial

Southern River



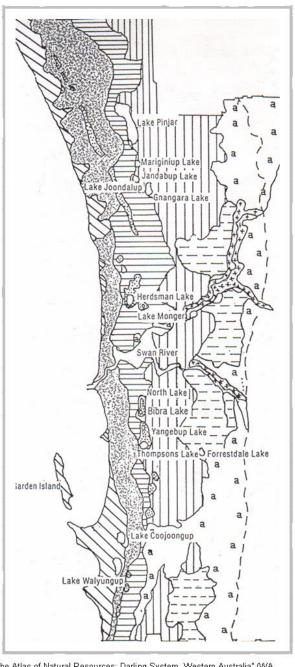
Alluvial

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.

APACE Revegetation Catalogue 2002 Phone: 9336 1262 Fax: 9430 5729 Email: apace@argo.net.au

## **COTTESLOE VEGETATION COMPLEX**

Genus	Species	Common Name	Size	Flowers	Colour
Acacia	alata	Winged Wattle	1.5	Jun-Sep	yellow
Acacia	cochlearis	Rigid Wattle	2	Aug-sep	yellow
Acacia	cyclops	Red Eyed Wattle	3	Sep-Jan	yellow
Acacia	lasiocarpa	Dune Moses	1	Jun-Oct	yellow
Acacia	pulchella	Prickly Moses	2	Jun-Oct	yellow
Acacia	rostellifera	Summer Scented Wattle	2	Aug-Oct	yellow
Acacia	saligna	"Coojong"	6	Aug-Oct	yellow
Acacia	truncata		2	Jun-Sep	yellow
Acacia	xanthina	White Stemmed Wattle	4	Aug-Oct	yellow
Agonis	flexuosa	W.A. Peppermint	12	Aug-Dec	white
Allocasuarina	fraseriana	Common Sheoak	12	May-Nov	
Allocasuarina	humilis	Dwarf Sheoak	1.5	May-Nov	
Allocasuarina	lehmanniana	Dune Sheoak	1.5	Sep-Dec	
Anigozanthos	humilis	Catspaw	0.5	Aug-Oct	yellow/red
Anigozanthos	manglesii	Mangles Kangaroo Paw	0.5	Sep-Nov	red/green
Anthocercis	ilicifolia	0 0	2	Sep-Oct	yellow
Anthocercis	littorea	Yellow Tailflower	3	Jun-Oct	yellow
Aotus	gracillima		1	Oct-Nov	yellow
Austrodanthonia	caespitosa	Ringed Wallaby Grass	0.5	Oct-Nov	,
Austrostipa	elegantissima	Feather Spear Grass	2	Aug-Jan	
Banksia	attenuata	Candle Banksia	8	Sep-Oct	yellow
Banksia	grandis	Bull Banksia	8	Sep-Dec	yellow
Banksia	menziesii	Firewood Banksia	8	Feb-Aug	red
Billardiera	fusiformis	Australian Bluebell	climb	Oct-Feb	blue
Bossiaea	eriocarpa	Common Brown Pea	0.5	Jul-Oct	brown/yellow
Brachycome	iberidifolia	Swan River Daisy	low	Aug-May	blue
Burchardia	congesta	Milkmaids	0.5	Aug-Oct	white
Calothamnus	quadrifidus	One-sided Bottlebrush	2	Aug-Dec	red
Calothamnus	sanguineus	Silky Leaved Blood Flower	1	Mar-Nov	red
Conostylis	aculeata	Prickly Conostylis	0.5	Sep-Oct	yellow
Conostylis	candicans	Grey Cottonheads	0.5	Aug-Sep	yellow
Corymbia	calophylla	Marri	35	Jan-May	white
Dianella	revoluta	Flax Lily	1	Jun-Aug	orange
Dodonaea	aptera	Coast Hopbush	3	Apr-Jul	green
Dodonaea	hackettiana	Perth Hopbush	4	Jul-Oct	green
Dryandra	lindleyana	Couch Honeypot	low	May-Sep	gold
Dryandra	sessilis	Parrot Bush	4	May-Nov	yellow
Eremophila	glabra	Tar Bush	0.5	Jul-Jan	orange
Eucalyptus	decipiens	Limestone Marlock	6	Sep-Nov	cream
Eucalyptus	gomphocephala		40	Jan-Apr	cream
Eucalyptus	marginata	Jarrah	30	Sep-Feb	cream
Eucalyptus	todtiana	Prickly Bark	10	Feb	cream
Gastrolobium	capitatum	Bacon and Eggs	0.5	Jun-Sep	yellow
Gastrolobium	nervosum	Bacon and Eggs	0.5	Jul-Nov	yell/red
Gompholobium	aristatum		0.5	Jul-Nov	yellow
Gompholobium	tomentosum	Yellow Pea	0.5	Aug-Dec	yellow
Grevillea	crithmifolia	I Ollow I Od	1	Jul-sep	white
Hakea	costata	Ribbed Hakea	1	Jul-Sep	white
Hakea	lissocarpha	Honey Bush	1.5	Jun-Sep	white
ı ian <b>ca</b>	nosocarpiia	Holley Dusil	1.5	Juii-Och	WILLE

## **COTTESLOE VEGETATION COMPLEX**

Genus	Species	Common Name	Size	Flowers	s Colour
Hakea	prostrata	Harsh Hakea	3	Aug-Nov	white
Hakea	ruscifolia	Candle Hakea	3	Dec-Mar	white
Hakea	trifurcata	Two-leaf Hakea	2	Jul-Oct	white
Hardenbergia	comptoniana	Native Wisteria	climb	Jun-Sep	purple
Hemiandra	pungens	Snake Bush	low	All year	purple
Hypocalymma	robustum	Swan River Myrtle	1	Jul-Oct	pink
Jacksonia	furcellata	Grey Stinkwood	3	Aug-Mar	yellow
Jacksonia	sericea	"Waldjumi"	0.6	Dec-Feb	orange
Jacksonia	sternbergiana	Green Stinkwood	3	All year	orange
Kennedia	prostrata	Running Postman	low	Jul-Nov	red
Leptospermum	spinescens		1.5	Sep-Nov	white
Logania	vaginalis	White Spray	2	Aug-Nov	white
Melaleuca	huegelii	Chenille Honeymyrtle	3	Nov-Jan	white
Melaleuca	systena	Coastal Honeymyrtle	1	Sep-Dec	cream
Melaleuca	trichophylla		0.7	Nov-Jan	pink/purple
Myoporum	caprarioides	Slender Myoporum	1.5	All year	white
Myoporum	insulare	Blueberry Tree	2	Aug-Nov	white
Olearia	axillaris	Coastal Daisy Bush	1.5	Mar-Aug	white
Opercularia	vaginata	Dog Weed	0.3	Aug-Oct	green
Orthrosanthus	laxus	Morning Iris	0.5	Aug-Oct	mauve
Patersonia	occidentalis	Western Patersonia	0.5	Sep-Dec	purple
Persoonia	saccatta	Snottygobble	1.5	Jul-Jan	yellow
Petrophile	serruriae		1	Aug-Nov	yellow
Philotheca	spicata	Salt and Pepper	0.5	Aug-Sep	mauve
Phyllanthus	calycinus	False Boronia	0.3	Jun-Nov	white
Rhagodia	baccata	Berry Salt Bush	0.5	Mar-Jun	red
Scaevola	nitida	Shining Fan Flower	1	Aug-Dec	blue
Solanum	symonii	Coast oondoroo	1.5	Aug-Nov	purple
Sphaerolobium	medium	Globe Pea	0.5	Aug-Nov	yellow/orange
Spyridium	globulosum	Basket Bush	3	Jun-Sep	white
Templetonia	retusa	Cockies Tongues	2	Apr-Sep	red
Thomasia	cognata	·	0.7	Sep-Nov	mauve
Thysanotus	multiflorus	Many Flowered Fringed Lily	0.5	Sep-Nov	purple
Trachymene	coerulea	Blue Lace Flower	0.5	Oct-Feb	blue
Xanthorrhoea	preissii	Grass Tree	3	Nov-Jan	white

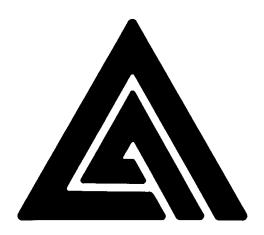
## **COTTESLOE RIDGES**

Genus	Species	Common Name	Size	Flowers	Colour
Acacia	cyclops	Red Eyed Wattle	3	Sep-Jan	yellow
Acacia	lasiocarpa	Dune Moses	1	Jun-Oct	yellow
Acacia	pulchella	Prickly Moses	2	Jun-Oct	yellow
Acacia	rostellifera	Summer Scented Wattle	2	Aug-Oct	yellow
Acacia	saligna	"Coojong"	6	Aug-Oct	yellow
Acacia	truncata		2	Jun-Sep	yellow
Acacia	xanthina	White Stemmed Wattle	4	Aug-Oct	yellow
Allocasuarina	humilis	Dwarf Sheoak	1.5	May-Nov	
Allocasuarina	lehmanniana	Dune Sheoak	1.5	Sep-Dec	
Alyxia	buxifolia	Dysentry Bush	1.5	Oct-Nov	white
Anigozanthos	humilis	Catspaw	0.5	Aug-Oct	yellow/red
Anthocercis	ilicifolia		2	Sep-Oct	yellow
Anthocercis	littorea	Yellow Tailflower	3	Jun-Oct	yellow
Austrostipa	elegantissima	Feather Spear Grass	2	Aug-Jan	
Baumea	juncea	Bare Twig-rush	1	Oct-Jan	brown
Billardiera	fusiformis	Australian Bluebell	climb	Oct-Feb	blue
Bossiaea	eriocarpa	Common Brown Pea	0.5	Jul-Oct	brown/yellow
Brachycome	iberidifolia	Swan River Daisy	low	Aug-May	blue
Burchardia	congesta	Milkmaids	0.5	Aug-Oct	white
Callitris	preissii	Rottnest Cypress	6	Oct-Nov	
Calothamnus	quadrifidus	One-sided Bottlebrush	2	Aug-Dec	red
Calothamnus	sanguineus	Silky Leaved Blood Flower	1	Mar-Nov	red
Carpobrotus	virescens	Pigface	low	Aug-Sept	purple
Centella	asiatica	Centella	0.1	All year	pink
Conostylis	aculeata	Prickly Conostylis	0.5	Sep-Oct	yellow
Conostylis	candicans	Grey Cottonheads	0.5	Aug-Sep	yellow
Dianella	revoluta	Flax Lily	1	Jun-Aug	orange
Diplolaena	dampiera	Southern Diplolaena	2	Jul-Sep	orange
Dodonaea	aptera	Coast Hopbush	3	Apr-Jul	green
Dodonaea	hackettiana	Perth Hopbush	4	Jul-Oct	green
Dryandra Dryandra	lindleyana	Couch Honeypot	low	May-Sep	gold
-	sessilis	Parrot Bush			•
Dryandra Englyddono			4	May-Nov	yellow
Enchylaena	tomentosa	Ruby Saltbush	1	May-Sep	red
Eremophila	glabra	Tar Bush	0.5	Jul-Jan	orange
Eucalyptus	decipiens	Limestone Marlock	6	Sep-Nov	cream
Eucalyptus	foecunda	Fremantle Mallee	3	Nov-May	cream
Eucalyptus	petrensis	Rock Mallee	3	Jun-Oct	White
Ficinia	nodosa	Knotted Club Rush	1	Nov-Mar	brown
Frankenia	pauciflora	Sea Heath	0.2	All year	pink 
Gastrolobium	nervosum		0.5	Jul-Nov	yell/red 
Gompholobium	aristatum		0.5	Jul-Dec	yellow
Gompholobium	tomentosum	Yellow Pea	0.5	Aug-Dec	yellow
Grevillea	crithmifolia		1	Jul-sep	white
Haemodorum	laxum	Bloodroot	0.5	Nov	black
Haemodorum	paniculatum	"Mardja"	0.5	Oct-Dec	yellow
Haemodorum	spicatum	"Mardja"	0.5	Nov-Dec	black
Hakea	costata	Ribbed Hakea	1	Jul-Oct	white
Hakea	lissocarpha	Honey Bush	1.5	Jun-Sep	white
Hakea	prostrata	Harsh Hakea	3	Aug-Nov	white

## **COTTESLOE RIDGES**

Genus	Species	Common Name	Size	Flowers	Colour
Hemiandra	pungens	Snake Bush	low	All year	purple
Isolepis	cernua	Nodding Club-rush	0.2	All year	
Jacksonia	sericea	"Waldjumi"	0.6	Dec-Feb	orange
Kennedia	coccinea	Coral-vine	climb	Aug-Nov	red/yellow
Leucophyta	brownii	Pincushion Bush	1	All year	yellow
Logania	vaginalis	White Spray	2	Aug-Nov	white
Melaleuca	cardiophylla	Umbrella Bush	1.5	Jul-Jan	white
Melaleuca	huegelii	Chenille Honeymyrtle	3	Nov-Jan	white
Melaleuca	systena	Coastal Honeymyrtle	1	Sep-Dec	cream
Olearia	axillaris	Coastal Daisy Bush	1.5	Mar-Aug	white
Opercularia	vaginata	Dog Weed	0.3	Aug-Oct	green
Petrophile	serruriae		1	Aug-Nov	yellow
Philotheca	spicata	Salt and Pepper	0.5	Aug-Sep	mauve
Phyllanthus	calycinus	False Boronia	0.3	Jun-Nov	white
Pimelea	ferruginea		1	Sep-Nov	pink
Pultenaea	reticulata		2	Aug-Nov	yell/red
Rhagodia	baccata	Berry Salt Bush	0.5	Mar-Jun	red
Scaevola	crassifolia	Thick Leaved Fan Flower	0.5	Nov-Jan	blue
Scaevola	globulifera		0.6	Sep-Nov	blue
Scaevola	nitida	Shining Fan Flower	1	Aug-Dec	blue
Solanum	symonii	Coast oondoroo	1.5	Aug-Nov	purple
Sphaerolobium	medium	Globe Pea	0.5	Aug-Nov	yellow/orange
Spyridium	globulosum	Basket Bush	3	Jun-Sep	white
Templetonia	retusa	Cockies Tongues	2	Apr-Sep	red
Thomasia	cognata		0.7	Sep-Nov	mauve
Threlkeldia	diffusa	Wallaby Salt Bush	0.5	Aug-Jan	
Trachymene	coerulea	Blue Lace Flower	0.5	Oct-Feb	blue
Xanthorrhoea	preissii	Grass Tree	3	Nov-Jan	white

## <u>Notes</u>



## Apace Aid (Inc) Winters House 1 Johannah Street North Fremantle 6159

Phone 9336 1262 Fax 9430 5729 apace@apacewa.org.au www.apacewa.org.au

