



THE GROTTO BUSHCARE ACTION PLAN

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CONTACT INFORMATION

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Reserve Name:	The Grotto Reserve
Reserve No's:	NNN086, NNN086, NNN146, and NNN087
Land Tenure:	Crown and Council

1. BUSHCARE GROUP GOALS

The goals of the Grotto Bushcare Group have been divided into three sections and are as follows:

Weed Control/Bush Regeneration

- a) To maintain The Grotto as a high quality natural recreational area as per the Greys Beach and Grotto Plan of Management
- b) Strategically regenerate the endemic vegetation of The Grotto Reserve including the upper parts of the reserve and the lower riparian areas
- c) Ongoing strategic weed management and re-vegetation of areas of native vegetation with high resilience or high conservation value

Access/Walking Tracks

- a) Maintain and expand the network of walking tracks throughout the upper and lower Grotto Reserve, including providing a link loop walking trail with the Wilson, Grotto and Waratah Walking Tracks

Cultural & Historical Education and Conservation

- a) To promote the natural, social and heritage values of The Grotto Reserve
- b) Continue to educate and raise awareness of the natural, social and cultural values of The Grotto Reserve to visitors, schools and local residents

AREA 2 – PUMPING STATION NO. 15 1. Continue with weed control around pumping station and along creek line with priorities as follows: <ol style="list-style-type: none"> Crofton Weed and Mist Flower Prevent Privet and Mickey Mouse plant from flowering and fruiting Control of Honeysuckle, English Ivy and Giant Tobacco Tree 2. Continue with replanting program around creek are following weed control	H	<ul style="list-style-type: none"> Spot spray Crofton Weed and Mist Flower Cut and paint Micky Mouse plant, Giant Tobacco Tree and Privet Spot spray honeysuckle and English Ivy using a wetting agent 	Spring/Summer
	M	<ul style="list-style-type: none"> Replant area with species from attached species list. 	On-going

<p>AREA 3 – LOWER GROTTA PICNIC AREA</p> <ol style="list-style-type: none"> 1. Continue with weed control, prioritising areas with native canopy cover and in locations where planting has been done as follows: <ol style="list-style-type: none"> a. Escarpment areas previously treated/planted b. Riverbank vegetation c. Black Wattle remnant 2. Replacement of existing plantings as needed 3. Bushcare group to monitor for new emerging weeds on site and notify Council 4. Council to approach Southern Rivers Catchment Management Authority and Shoalhaven Riverwatch to inspect the river bank erosion between golf course and Grotto reserve 	<p>H</p> <p>H</p> <p>H</p> <p>L</p>	<ul style="list-style-type: none"> • Follow up control of Lantana, Moth Vine, Turkey Rhubarb and Tradescantia using spot spraying, splatter gun and manual removal • Replacement of planting using attached species • Continue to monitor for emerging weeds and notify Council • Bushcare Coordinator to arrange for Southern Rivers Catchment Management Authority’s Rivercare Officer and Riverwatch to inspect river bank erosion 	<p>On-going</p> <p>On-going</p> <p>On-going</p> <p>2011</p>
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<p>AREA 4 – EASTERN END OF WARATAH WALK</p> <p>Prioritise control of noxious and environmental weeds to areas that have existing healthy native canopy cover</p> <ol style="list-style-type: none"> 1. Continue to undertake follow maintenance weed control of areas that have been treated with partial or open canopy (as identified on map) 2. Supplementary/replacement planting in areas using pioneering species that can establish a canopy quickly 	<p>H</p> <p>L</p>	<ul style="list-style-type: none"> • Target weed control of re-growth lantana and secondary weeds such as Cape Ivy, Tradescantia ad Turkey Rhubarb • Use species from attached revegetation list 	<p>On going</p> <p>On going</p>
<p>AREA 5 – WESTERN END OF WARATAH WALK</p> <ol style="list-style-type: none"> 1. Only undertake control of environmental and noxious weeds in areas where there is a healthy intake native canopy cover, these areas include: <ol style="list-style-type: none"> a. Escarpment areas west of the walking track b. Remnant of Eucalypts along river bank c. Previously areas that have had weed control undertaken (such as Green Jobs Corps area) 2. Support the natural recruitment of Red Cedar (Toona ciliate) around the escarpment areas by treating weeds in these areas 	<p>M</p> <p>M</p>	<ul style="list-style-type: none"> • Spot spraying, splatter gun or manual removal targeting Lantana, Cape Ivy and Tradescantia • Spot spray, splatter gun or manual removal 	<p>On-going</p> <p>On going</p>

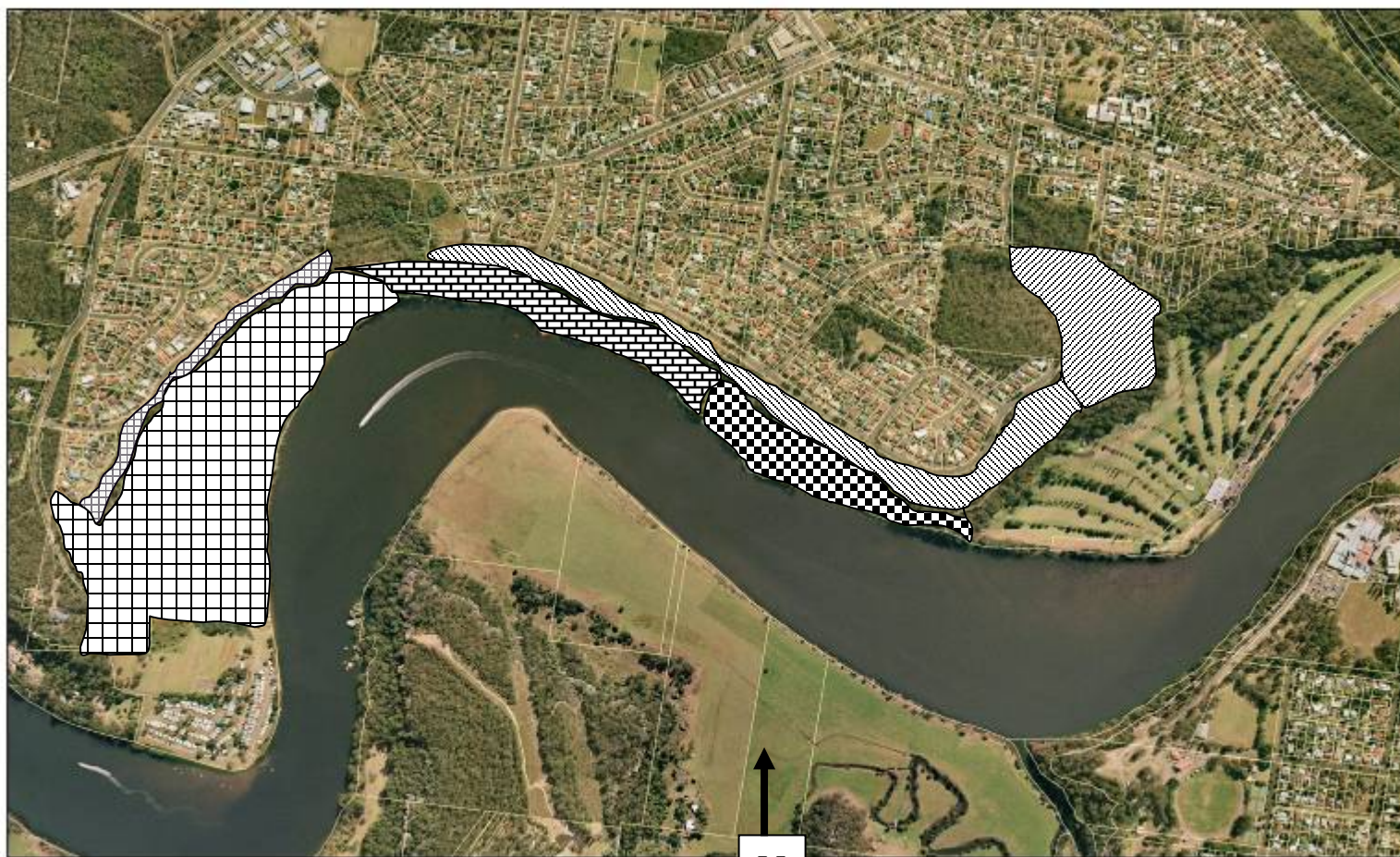
<p>AREA 6 – WESTERN END OF YURUNGA DRIVE</p> <p>1. Target control of noxious and environmental weeds with the priorities as follows:</p> <p>a. Control of Crofton Weed and Mist Flower on storm water drain outlets and around pumping stations</p> <p>b. Control of Asparagus fern , Winter Senna and Winter Cherry</p>	M	<ul style="list-style-type: none"> • Priorities for weed control: • Council to spray storm water drains and pumping station areas for Crofton Weed and Mist Flower on an annual basis • Bushcare Group to spot spray Asparagus fern and cut and paint Winter Senna • Council and Bushcare Group to approach Nowra Aboriginal Land Council seeking permission to work on their land 	<p>Spring</p> <p>Spring & summer</p> <p>2012</p>
MAINTENANCE AND ACCESS			
Council survey boundary of Ski Park and crown reserve	M	Council to survey boundary	2011-12
Council investigate installing a slip rail and fence on the western side of the wetland (on old Campbell Farm road) to allow the Bushcare to get access for maintenance and transporting equipment	M	Bushcare Coordinator to map access point and negotiate with Natural Areas Operations Officer for the installation of slip rail and fence	2011 - 12

Council to continue to maintain access via the Nowra Golf Club at the eastern end of the reserve (see attached map)	M	Continue to maintain Nowra Golf Club access for maintenance purposes	2011-12
Bushcare to undertake minor repairs to park furniture as required	H	Council to supply materials and equipment within budgets for Bushcare Group	On-going
WALKING TRACKS			
<p>Upgrade the Waratah and The Wilsons Walking Tracks so as to provide a continuous 11km loop walk that combines Wilson, Grotto and Waratah Walking Tracks as per the Shoalhaven Walking Track Strategy and The Grotto and Greys Beach PoM. The priorities for this project are:</p> <ol style="list-style-type: none"> a. Define the walking track route using hand held GPS system b. Clear and upgrade the walking track to allow safe access for walkers c. Identify high risk hazards on routes d. Install walking track signage, including markers and track head signage as per Australian Standards 	H	<ul style="list-style-type: none"> • Bushcare to be trained in GPS use to map route • Bushcare Group to clear • proposed walking track route as per walking track strategy • Council to identify safety hazards on track • Council to design and manufacture walking track markers and signage • Council and Green Jobs Corps Team to install track markers and track head signage on Wilsons and Waratah 	2010 to 2012

Once the walking tracks are up to a safe standard hold an open day for the Waratah, Wilson and The Grotto Walking Track loop and invite the community and Councillors to attend	H	Bushcare Group and Bushcare Coordinator to organise walking track opening	2011/12
Repair the existing walking track infrastructure on The Grotto walk as required within limits of budgets	M	Bushcare Group to identify using GPS track infrastructure that is in need of repair or replacement	On-going
CULTURAL/HISTORICAL & PUBLIC AWARENESS			
Investigate the design and installation of education signage on the walking track highlighting the European heritage of the area as per the Management Objectives in table 5.10 of the PoM for the Greys Beach and The Grotto Reserves. Highlighting the following areas: a. Original homestead site b. Old Wharf Site c. Campbell farm site	M	<ul style="list-style-type: none"> • Apply for grants to design and manufacture signs • Seek assistance from Jim Wallace local historian and author of Shoalhaven River interpretative CD ROM • Involve local schools in sign design 	On-going On going 2011
Raise the awareness of local residents of the natural values of the bushland reserves and the negative impacts of: a. Dumping rubbish b. Dumping garden clippings c. Creating their own tracks	H	Distribute "Being a Bush Friendly Neighbour" to surrounding residents	2011 and when required
Include area in Clean Up Australia Day events	M	Bushcare Group to work with other interested community organisation to register for Clean Up Australia Day	On going

3. THE GROTTO BUSHCARE GROUP ACTION PLAN MAPS

ATTACHMENT 1 – THE GROTTO BUSHCARE GROUP WEED CONTROL/REGENERATION AREAS



MAP KEY - AREAS	
Area 1	
Area 2	
Area 3	
Area 4	
Area 5	
Area 6	

ATTACHMENT 2 – MAP SHOWING CURRENT LOCATIONS OF WALKING TRAILS AND MAINTENANCE ACCESS

KEY



Key access points
for maintenance
purposes



Location of
proposed gate and
fence



4. BUSHCARE GROUP OH&S & EQUIPMENT REQUIREMENTS

Type of Activity	Yes	SWMS name included
Manual weed control (cut & paint, scrape and paint etc)	√	SWMSNR060
Chemical control (spraying of herbicides)	√	SWMSNR040
Planting	√	SWMSNR030
Minor construction (walking track, fencing, outdoor furniture)	√	SWMSNR020
Propagation & seed collection	√	SWMSNR030
Education (school groups, field days etc)	√	None
Other (GPS mapping)	√	None

5. COUNCIL SUPPORT

- a) Technical advice and support
- b) Provision of PPE equipment
- c) Supply tools, herbicide, plants, guards, stakes, water crystals and materials within the constraints of budget
- d) Administration support
- e) Assistance with grant application, administration and management.
- f) Supply of water cart for watering plants
- g) Graphic design and printing assistance
- h) Slashing of the lower grotto reserve
- i) GPS mapping assistance with software and map production.
- j) Maintenance of reserve access road
- k) Assistance with implementing a labour market program
- l) Assistance with facilitation and negotiation with third parties
- m) Survey of Ski Park boundary

The following organisations have also been identified as stakeholders:

- a) The Grotto Bushcare Group
- b) Visitors and Residents (walkers, absailers and rock climbers)
- c) NSW Department of Lands
- d) Nowra Tourism Association
- e) Shoalhaven Water
- f) Endeavour Energy
- g) Nowra Aboriginal Land Council
- h) Shoalhaven Historical Society Inc
- i) Ski Park Caravan Park
- j) Shoalhaven Bushwalkers Inc
- k) Nowra Veteran Golfers Bushcare Group

6. HAS A SITE HAZARD AND RISK ASSESSMENT BEEN COMPLETED FOR THE BUSHCARE SITE?

Yes

7. LIST THE PERSONAL PROTECTION EQUIPMENT REQUIRED FOR VOLUNTEERS WHILST WORKING ON THE SITE

PPE Equipment Required	Date issued
First Aid Kit	2005
Gloves	2007
Sunscreen	2005
Insect repellent	2006
Eye protection	2006
Hats	Supply own
Boots	Supply own

8. POSSIBLE FUTURE FUNDING

Project	Funding source
Upgrading of the loop walking trail	<ul style="list-style-type: none">• Regional Development Committee• Dept of Corrective Services• Green Jobs Corps
Environmental, Historical and Cultural Interpretive signage	<ul style="list-style-type: none">• SRCMA• Heritage Grants
Regeneration of riparian vegetation and erosion control	<ul style="list-style-type: none">• Southern Rivers Catchment Management Authority• NSW Enviro Trust• Caring for Our Country

9. PLAN WILL BE REVIEWED EVERY THREE YEARS

Next review due:

28 July 2014

The group should review a summary of the Bushcare Policy & Procedures at the time of each annual review

10. PLEASE LIST OTHER LOCAL OR REGIONAL MANAGEMENT PLANS OR STRATEGIES THAT THIS PLAN RELATES TO

Name of document	Year it was produced	Produced by
Plan of Management , Greys Beach and The Grotto, North Nowra	2004	Shoalhaven City Council
Generic Community Land Plan of Management for Natural Area Reserve	2001	Shoalhaven City Council
Lower Shoalhaven River Flood Study	1990	Shoalhaven City Council

11. SUGGESTED SPECIES LIST FOR FUTURE SITE REVEGETATION

Dry Sclerophyll Forest	
DOMINANT TREES	
Above Cliffs	
BOTANICAL NAME	COMMON NAME
<i>Angophora costata</i>	Smooth barked Apple
<i>Allocasuarina littoralis</i>	Black She-Oak
<i>Eucalyptus agglomerata</i>	Blue Leaved Stringybark
<i>Eucalyptus maculata</i>	Spotted Gum
<i>Eucalyptus paniculata</i>	Grey Ironbark
<i>Eucalyptus punctata</i>	Grey Gum
River Flats	
<i>Eucalyptus saligna</i> x <i>botryoides</i>	Hybrid Blue Gum/Bangalay
Hybridisation between these two species is common in the Illawarra.	
SHRUBS	
BOTANICAL NAME	COMMON NAME
<i>Acacia terminalis</i>	Sunshine Wattle
<i>Babingtonia virgata</i>	Tall Baeckia
<i>Banksia spinulosa</i>	Hairpin Banksia
<i>Bursaria spinosa</i>	Native Blackthorn
<i>Ceratopetalum gummiferum</i>	Christmas Bush
<i>Correa reflexa</i>	Common Correa
<i>Crowea exalata</i>	Small Crowea
<i>Daviesia ulicifolia</i>	Gorse Bitter Pea
<i>Dillwynia retorta</i>	Parrot Pea
<i>Dodonaea triquetra</i>	Common Hop Bush
<i>Dodonaea trunciatales</i>	Angular Hop Bush
<i>Duboisia myoporoides</i>	Corkwood
<i>Elaeocarpus reticulatus</i>	Blueberry Ash
<i>Exocarpos strictus</i>	Brush Cherry
<i>Grevillea arenaria</i>	Sandy Places Grevillea
<i>Grevillea linearifolia</i>	Spider Flower
<i>Hakea dactyloides</i>	Finger Hakea
<i>Hakea sericea</i>	Needle Bush
<i>Kunzea ambigua</i>	Tick Bush
<i>Lambertia formosa</i>	Mountain Devil
<i>Leptospermum trinervium</i>	Flaky Barked Tea Tree
<i>Leucopogon juniperinus</i>	Prickly Bearded-Heath
<i>Leucopogon lanceolatus</i>	Lance Bearded-Heath
<i>Lomatia silaifolia</i>	Crinkle Bush
<i>Macrozamia communis</i>	Burrawang
<i>Olearia argophylla</i>	Silver Bush
<i>Olearia stellulata</i>	Snowy Daisy Bush

<i>Olearia tomentosa</i>	Toothed Daisy bush
<i>Ozothamnus argophyllus</i>	Spicy Everlasting
<i>Ozothamnus diosmifolius</i>	White Dogwood
<i>Persoonia levis</i>	Broad Leaved Geebung
<i>Persoonia linearis</i>	Narrow-Leaved Geebung
<i>Petrophile pedunculata</i>	Conesticks
<i>Phyllanthus hirtellus</i>	Thyme Spurge
<i>Platylobium formosum</i>	Handsome Flat Pea
<i>Pimelea linifolia</i>	Rice Flower
<i>Pomaderris elliptica</i>	Pomaderris
<i>Pomax umbellifera</i>	N/A
<i>Prostanthera incana</i>	Velvet Mint Bush
<i>Pultenaea blakeleyi</i>	Blakeley's Bush Pea
<i>Pultenaea daphnoides</i>	Daphne Bush Pea
<i>Zieria cytisoides</i>	Downy Zieria
HERBS	
BOTANICAL NAME	COMMON NAME
<i>Centella asiatica</i>	Arthritis Weed
<i>Commelina cyanea</i>	Wandering Blue
<i>Goodenia hederacea</i>	Forest Goodenia
<i>Goodenia heterophylla</i> ssp. <i>eglandulosa</i>	N/A
<i>Hydrocotyle</i> sp.	Pennywort
<i>Plectranthus parviflorus</i>	Cockspur Flower
<i>Pratia purpurascens</i>	Whiteroot
<i>Ranunculus inundatus</i>	River Buttercup
<i>Stylidium graminifolium</i>	Grass Trigger-plant
FERNS	
BOTANICAL NAME	COMMON NAME
<i>Cheilanthes austrotenuifolia</i>	Rock Fern
VINES/SCRAMBLERS	
BOTANICAL NAME	COMMON NAME
<i>Billardiera scandens</i>	Hairy Apple Berry
<i>Cassytha pubescens</i>	Devil's Twine
<i>Glycine clandestina</i>	N/A
<i>Hardenbergia violacea</i>	Purple Coral Pea
<i>Hibbertia dentata</i>	Trailing Guinea Flower
<i>Kennedia prostrata</i>	Scarlet Coral Pea
<i>Kennedia rubicunda</i>	Dusky Coral Pea
<i>Morinda jasminoides</i>	Sweet Morinda
ORCHIDS	
BOTANICAL NAME	COMMON NAME
<i>Pterostylis</i> sp.	Greenhood Orchid

Watch out for ground orchids in flower during the year

GRASSES

BOTANICAL NAME	COMMON NAME
<i>Anisopogon avenaceus</i>	Oat Speargrass
<i>Aristida vagans</i>	Three-awn Speargrass
<i>Briza maxima</i>	Quaking Grass
<i>Cymbopogon refractus</i>	Barbed Wire Grass
<i>Danthonia longifolia</i>	N/A
<i>Entolasia marginata</i>	Bordered Panic
<i>Imperata cylindrica</i>	Blady Grass
<i>Microlaena stipoides</i>	Weeping Grass
<i>Poa poiformis</i>	Tussock Grass
<i>Themeda australis</i>	Kangaroo Grass

OTHER MONOCOTYLEDONS

BOTANICAL NAME	COMMON NAME
<i>Dianella caerulea</i>	Blue Flax-lily
<i>Laxmannia gracilis</i>	Slender Wire Lily
<i>Lepidosperma laterale</i>	N/A
<i>Lomandra filiformis</i>	Wattle Mat-rush
<i>Lomandra longifolia</i>	Spiny-headed Mat-rush
<i>Patersonia sericea</i>	Native Iris
<i>Phragmites australis</i>	Common Reed
<i>Schelhammera undulata</i>	N/A

GROTTO RAINFOREST

Can be defined as subtropical vine thicket or 'complex notophyll vine' forest (classification of Webb 1968), with dry rainforest (= 'microphyll vine thicket') characterised by Grey Myrtle (*Backhousia myrtifolia*) mid-cliffs.

A very diverse southern remnant of subtropical type rainforest. Mills (1995) listed 51 trees and shrubs occurring in the Shoalhaven Vine Thickets. 37 have been listed so far at the Grotto site, after 5 visits. Look for more. Every effort to look after this site is worthwhile, because of its significance.

TREES

BOTANICAL NAME	COMMON NAME
<i>Acacia binervata</i>	Two-Veined Hickory Wattle
<i>Acacia filicifolia</i>	Fern-leaved Wattle
<i>Acacia maideni</i>	Maiden's Wattle
<i>Acmena smithii</i>	Lilly Pilly
<i>Alectryon subcinereus</i>	Native Quince
<i>Alphitonia excelsa</i>	Red Ash
<i>Backhousia myrtifolia</i>	Grey Myrtle
<i>Claoxylon australe</i>	Brittlewood
<i>Clerodendrum tomentosum</i>	Native Clerodendrum
<i>Cryptocarya glaucescens</i>	Murrogun
<i>Dendrocnide excelsa</i>	Stinging Tree
<i>Ehretia acuminata</i>	Koda
<i>Elaeocarpus kirtoni</i>	Pigeonberry Ash
<i>Eupomatia laurina</i>	Bolwarra
<i>Ficus coronata</i>	Sandpaper Fig
<i>Ficus rubiginosa</i>	Port Jackson Fig
<i>Ficus superba</i>	Deciduous Fig
<i>Glochidion ferdinandi</i>	Cheese Tree
<i>Guioa semiglauca</i>	Guioa
<i>Livistona australis</i>	Cabbage Palm
<i>Melicope micrococca</i>	White Euodia
<i>Notelaea longifolia</i> var. <i>longifolia</i>	Large Mock-olive,
<i>Omalanthus populifolius</i>	Native Bleeding Heart
<i>Pararchidendron pruinosum</i>	Snow Wood
<i>Pennantia cunninghamii</i>	Brown Beech
<i>Pittosporum revolutum</i>	Hairy Pittosporum
<i>Pittosporum undulatum</i>	Native Daphne
<i>Podocarpus elatus</i>	Plum Pine
<i>Rapanea variabilis</i>	Muttonwood

<i>Rhodamnia trinervia</i>	Scrub Stringybark
<i>Synoum glandulosum</i>	Bastard Rosewood
<i>Toona ciliata</i>	Red Cedar
RAINFOREST SHRUBS	
BOTANICAL NAME	COMMON NAME
<i>Commersonia fraseri</i>	Brown Kurrajong
<i>Goodenia ovata</i>	Hop Goodenia
<i>Phyllanthus gunnii</i>	Scrubby Spurge
<i>Prostanthera lasianthos</i>	Victorian Christmas Bush
<i>Rubus rosifolius</i>	Native Raspberry
HERBS	
BOTANICAL NAME	COMMON NAME
<i>Stellaria angustifolia</i>	Swamp Starwort
FERNS	
BOTANICAL NAME	COMMON NAME
<i>Adiantum aethiopicum</i>	Common Maidenhair
<i>Adiantum formosum</i>	Giant Maidenhair
<i>Adiantum hispidulum</i>	Rough Maidenhair
<i>Asplenium flabellifolium</i>	Necklace Fern
<i>Blechnum cartilagineum</i>	Gristle Fern
<i>Calochlaena dubia</i>	Common Ground Fern
<i>Cyathea australis</i>	Rough Tree Fern
<i>Davallia pyxidata</i>	Hare's Foot Fern
<i>Doodia aspera</i>	Rasp Fern
<i>Hypolepis muelleri</i>	Harsh Ground Fern
<i>Lastraeopsis decomposita</i>	Trim Shield Fern
<i>Microsorium scandens</i>	Fragrant Fern
<i>Pellaea falcata</i>	Sickle Fern
<i>Pteridium esculentum</i>	Bracken Fern
<i>Pyrrhosia rupestris</i>	Felt Fern
VINES	
BOTANICAL NAME	COMMON NAME
<i>Aphanopetalum resinosum</i>	Gum Vine
<i>Cayratia clematidea</i>	Native Grape

<i>Celastrus subspicata</i>	Large-leaved Staff Vine
<i>Cissus antarctica</i>	Kangaroo Vine
<i>Cissus hypoglauca</i>	Water Vine
<i>Eustrephus latifolius</i>	Wombat Berry
<i>Geitonoplesium cymosum</i>	Scrambling Lily
<i>Glycine clandestina</i>	N/A
<i>Legenophora moorei</i>	Round Leaf Vine
<i>Malaisia scandens</i>	Burny Vine
<i>Morinda jasminoides</i>	Sweet Morinda
<i>Pandorea pandorana</i>	Wonga Vine
<i>Parsonsia straminea</i>	Common Silkpod
<i>Piper novae-hollandiae</i>	Giant Pepper Vine
<i>Ripogonum album</i>	White Supplejack
<i>Rubus hillii</i>	Molucca Bramble
<i>Sarcopetalum harveyanum</i>	Pearl Vine
<i>Smilax australis</i>	Lawyer Vine
<i>Smilax glyciophylla</i>	Native Sarsparilla
<i>Stephania japonica</i>	Snake Vine
<i>Tylophora barbata</i>	Bearded Tylophora
ORCHIDS	
BOTANICAL NAME	COMMON NAME
<i>Bulbophyllum exiguum</i>	N/A
<i>Dendrobium linguiforme</i>	Tongue Orchid
<i>Dendrobium pugioniforme</i>	Dagger Orchid
<i>Dendrobium speciosum</i>	Rock Orchid
<i>Dendrobium striolatum</i>	Streaked Rock Orchid
GRASSES AND SEDGES	
BOTANICAL NAME	COMMON NAME
<i>Gymnostachys anceps</i>	Settlers Flax
<i>Oplismenus aemulus</i>	Basket Grass
<i>Vulpia bromoides</i> * Carpeting area adjacent to remnant rainforest on flats.	Squirrel Tail Fescue

12. SUGGESTED FAST GROWING CANOPY SPECIES FOR REVEGETATION

Botanical	Common
<i>Acacia binervata</i>	Two Veined Hickory
<i>Acacia maideni</i>	Maiden's Wattle
<i>Acacia mearnsii</i>	Black Wattle
<i>Clerodendrum tomentosum</i>	Native Clerodendrum
<i>Eucalyptus saligna x botryoides</i>	Hybrid Blue Gum/Bangalay
<i>Ficus coronata</i>	Sandpaper Fig
<i>Omalanthus populifolius</i>	Bleeding Heart
<i>Pittosporum revolutum</i>	Rough Pittosporum
<i>Toona ciliata</i>	Red Cedar

13. SITE WEED LIST

Noxious	Other	Control Method
<i>Ageratina adenophora</i> (Crofton weed)		Spray with Glyphosate at ratio of 1:75 or hand pull smaller infestations.
<i>Ageratina riparia</i> (Mistflower)		Hand pull smaller infestations. Large ones can be sprayed with selective herbicide.
<i>Cestrum parqui</i> (Green Cestrum)		Cut and paint smaller infestations.
<i>Eragrostis curvula</i> (African Love Grass)		Dig out smaller infestations. Larger ones can be sprayed with selective herbicide.
<i>Lantana camara</i> (Lantana)		Splatter gun, cut and paint, or hand removal.
<i>Ligustrum sinense</i> (Small Leaf Privet)		Smaller saplings can be hand pulled. Larger plants need to cut and painted.
<i>Rubus fruticosus</i> (Blackberry)		Spray with non selective herbicide or stem scrape smaller infestations.
<i>Sporobolus fertilis</i> <i>Sporobolus indicus</i> variety <i>major</i> (Giant Parramatta Grass)		Dig out smaller infestations and bag seed. Larger areas can be sprayed with selective herbicide. Contact Council for more information.

<i>Senecio madagascariensis</i> (Fireweed)		Hand pull smaller infestations or spray larger ones with selective herbicide.
	<i>Acetosa sagittata</i> (Turkey Rhubarb)	Spot spray with Glyphosate + wetting agent at ratio of 1:100.
	<i>Araujia sericiflora</i> (Mothvine)	Hand pull smaller infestations or stem scrape larger ones.
	<i>Asparagus aethiopicus</i> (Asparagus Fern)	Crown out and remove from site or spray larger areas with Glyphosate + wetting agent.
	<i>Cinnamomum camphora</i> (Camphor Laurel)	Smaller saplings can be hand pulled or cut and painted. Large trees need to directly injected with neat Glyphosate.
	<i>Croscosmia x crocosmiiflora</i> (Montbretia)	Hand removal of bulbs and remove from site.
	<i>Delairea odorata</i> (Caprelvy)	Spot spray with Glyphosate at ratio of 1:75.
	<i>Erythrina x sykesii</i> (Coral Tree)	Smaller saplings can be hand pulled or cut and painted. Large trees need to directly injected with neat Glyphosate.
	<i>Lilium Formosan</i> (Formosan Lily)	Cut stem and drip 100% Glyphosate directly onto the cut stem.
	<i>Lonicera japonica</i> (Japanese Honeysuckle)	Spot spray with Glyphosate + wetting agent at ratio of 1:100.
	<i>Nephrolepis cordifolia</i> (Fishbone Fern)	Spot spray with Glyphosate + wetting agent at ratio of 1:100.
	<i>Ochna serrulata</i> (Micky Mouse Plant)	Always cut and paint as has a large tap root.
	<i>Senna pendula glabrata</i> (Cassia)	Smaller saplings can be hand pulled. Larger plants need to be cut and painted.
	<i>Solanum pseudocapsicum</i> (Madiera Winter Cherry)	Smaller saplings can be hand pulled. Larger plants need to cut and painted.
	<i>Tradescantia fluminensis (albaflora)</i> (Wandering Jew)	Rake roll infestations and spray with Glyphosate + wetting agent at ratio of 1:75.