APPENDIX 1 - TABLE OF PROBABLE PLANTS OF THE SYDNEY REGION BEFORE SETTLEMENT, THEIR D'HARAWAL NAMES AND USES (see Chapter 2.2, p. 41)

species - scientific name	common name	D'harawal name	use			
Turpentine-Ironbark Forest - "manda"						
Lower rainfall, Wianamatta Shale soils, is "High Forest" on wetter sites.	nner western suburbs, trees	20-30m, open forest, dense understor	y, wildflowers and climbing vines. Pockets of			

	1		
Eucalyptus globoidea	stringybark	bai'yali	firemaking
Synocarpia glomulfera	turpentine		
Eucalyptus resinifera	red mahogany	bourrounj	nectar from flowers
Eucalyptus paniculata	grey ironbark	mugga'go	shelter
Eucalyptus moluccana	grey box	kai'yeroo	spear making
Eucalyptus fibrosa	broad-leaved ironbark	mugga'go	shelter
Eucalyptus longifolia	woollybutt	terri'yergro	boomerang making
Melaleuca decora	white feather honeymyrtle	gurrendurren	nectar from flowers, wrapping, bandages, roofing,
			bedding etc
Melaleuca styphelioides	prickly-leaved paperbark	gurrendurren	nectar from flowers, wrapping, bandages, roofing,
			bedding etc
Acacia falcata		gitji	fish poison
Acacia parramattensis	Parramatta green wattle	boo'kerrikin	seeds
Acacia decurrens	Sydney green wattle	boo'kerrikin	seeds
Dodonaea triquetra	common hop bush	(pituri?)	medicinal - toothache
Pittosporum undulatum	sweet pittosporum	wallundurren	seeds
Polyscias sambucifolia	elderberry panax		tough timber for tools?
Hardenbergia violacea	native sarsparilla	warra birra	twine
Kennedia rubicunda	running postman	binnbim	twine

Pandorea pandorana	wonga vine	wonga wonga	twine
Lissanthe strigosa	native cranberry	wugay	fruits
Leucopogon juniperinus	bearded heath	wugay	fruits
Bursaria spinosa	blackthorn	kerwan	medicinal - sunscreen
Themeda australis	kangaroo grass	garingali	attracted grazers
Aristida vagans	spear grass	garingali	attracted grazers
lomandra longifolia	mat rush	pokulbi?	basket weaving

Cumberland Plain Woodland

Gently undulating, driest part of Sydney, deep clay soils, little brushwood under well spaced trees, grassy groundcover, sandstone gullies dry rainforest with vine thickets and ferns

Eucalyptus moluccana	grey box	kai'yeroo	spear making
Eucalyptus tereticornis	forest red gum	burringoa	medicinal
Eucalyptus longifolia	woollybutt	terri'yergro	boomerang making
Eucalyptus bauerana	blue box	terri'yergro	boomerang making
Eucalptus bosistoana	Bostito's gum	kai'yergro	spear making
Eucalyptus amplifolia	cabbage gum	boo'angi	woomera making
Eucalyptus fibrosa	broad-leaved ironbark	mugga'go	shelter
Eucalyptus eugenioides	stringybark	bai'yali	firemaking
Eucalyptus crebra	narrow-leaved ironbark	muggago	shelter
Angophora subvelutina	broad-leaved apple	boonah	
Toona australis	red cedar		
Myoporum montanum	boobialla	boobialla	fruits
Clematis glycinioides	old man's beard	binnbim	twine
Cayratia clematidia	slender grape	binnbim	fruits
cissus opaca	native grape	yarrung	fruits
Casuarina glauca	swamp oak	dahlwah	place of safety under
Melaleuca decora	white feather honeymyrtle	gurrendurren	nectar from flowers, wrapping, bandages, roofing, bedding etc

Themeda australis	kangaroo grass	garingali	attracted grazers
Aristida vagans	spear grass	garingali	attracted grazers
dianella laevis	flax lily	pokulbi	fruits, basket weaving
Bursaria spinosa	blackthorn	kerwan	medicinal - sunscreen

Castlereagh woodlands

Poor soils from Tertiary alluvial sediments, flat country with narrow meandering drainage lines, heavily timbered,

Eucalyptus crebra	narrow-leaved ironbark	muggago	shelter
Eucalyptus fibrosa	broad-leaved ironbark	mugga'go	shelter
Eucalyptus sideroxylon	mugga	mugga'go	shelter
Eucalyptus parramattensis	drooping red gum	mai'andowri	medicinal
Eucalyptus sclerophylla	scribbly gum	mai'andowri	medicinal
Angophora bakeri	narrow-leaved apple	boonah	
Melaleuca decora	white feather honeymyrtle	gurrendurren	nectar from flowers, wrapping, bandages, roofing, bedding etc
Melaleuca nodosa	ball honeymyrtle	gurrendurren	nectar from flowers, wrapping, bandages, roofing, bedding etc
Banksia spinulosa	hairpin banksia	wattun goori	nectar, torch
Hakea dactyloides	finger hakea	bingawingul?	medicinal
Leptospermum attenuatum	paperbark tea tree	gurrendurren	nectar from flowers, wrapping, bandages, roofing, bedding etc

River flat forests

Nepean-Hawkesbury River fertile floodplain freshwater 'back-swamps' with alluvial levees of tall trees with dense shrubs and vines under, pockets of low dense rainforest, sandstone gorges, occasionally saline groundwater.

Eucalyptus tereticornis	forest red gum	burringoa	woomera making
Eucalyptus amplifolia	cabbage gum	boo'angi	woomera making
Eucalyptus saligna	Sydney blue gum	kai'yeroo	spear making

Eucalyptus deanei	Deane's gum	mai'andowri	medicinal
Eucalyptus elata	river peppermint	kai'yeroo	spear making
Eucalyptus benthamii	Camden white gum	Kai'yeroo	spear making
Angophora subvelutina	broad-leaved apple	boonah	(peace-keeper)
Angophora floribunda	rough-barked apple	boonah	(peace-keeper)
Acacia parramattensis	Parramatta green wattle	boo'kerrikin (buri)	seeds
Acacia decurrens	Sydney green wattle	boo'kerrikin (buri)	seeds
Acacia filicifolia		buri	seeds
Acacia floribunda	sally wattle	marrai'uo (gitji)	fish poison
Casuarina cunninghamiana	river oak	dahlwah	shelter
Casuarina glauca	swamp oak	dahlwah	shelter
Tristaniopsis laurina	water gum	wallaya	
Backhousia myrtifolia	grey myrtle		
Bursaria spinosa	blackthorn	kerwan	sunscreen
Aristida vagans	spear grass	garingali	kangaroo food
Eragrostis brownii	Brown's love grass	garingali	kangaroo food
Lomandra longifolia	mat rush	warura?	basket weaving
Gahnia	sedge	guwirang?	edible roots and tubers, basket weaving
Urtica incisa	nettles		green vegetable
Acmena smithii	lilly pilly	lilli pilli	fruits
Leptospermum flavescens	tea tree	barunbarun	medicinal
Billardiera scandens		wugay	fruits
cissus	native grape	yarrung	tubers, fruit
Ficus coronata	sandpaper fig	tamnum	sandpaper
Duboisia myoporoides	corkwood	gulgagara	medicinal
Pandorea pandorana	wonga vine	wonga wonga	
Eustrephus latifolius	wombat berry	bundago	edible roots and tubers
Pteridium esculatum	bracken fern	gunggai	edible roots and tubers

Sandstone heaths, woodlands and forests - "manda"

Hawkesbury sandstone poor soils has evolved a rich and diverse sclerophyllous flora with tough spiky leaves, localised habitats respond to moisture, slopes, sun - so there is a range of open forests, sheltered gullies, shrubs and ground covers. 60-80 different species.

Heath scrub	on shallow	noorly	drained	soils	coastal.

Tieum serue on shanow poorly dramed sons, coustain						
Eucalyptus haemastoma	scribbly gum	mai'andowri	medicinal			
Eucalyptus gummifera	red bloodwood	bourounj	nectar from flowers, seeds			
Eucalyptus oblonga	common sandstone stringybark	bourounj	nectar from flowers, seeds			
Eucalyptus luehmanniana	mallee - yellow-top ash		water source			
Eucalyptus obtusiflora	Port Jackson mallee		water source?			
Eucalyptus multicaulis	mallee - whip stick ash		water source?			
Banksia ericifolia	heath-leaved banksia	kuritja	nectar from flowers			
Angophora hispida	dwarf apple	boonah				
Allocasuarina distyla		dahlwah	shelter			
Hakea teretifolia	dagger hakea, needlebush	bingawingul?				
Leucopogon microphyllus	heath	wugay	fruits			
Kunzea capitata	kunzea	gamba?				

Woodlands on ridge tops, exposed upper slopes

Eucalyptus haemastoma	scribbly gum	mai'andowri	medicinal
Eucalyptus racemosa	scribbly gum	mai'andowri	medicinal
Eucalyptus gummifera	red bloodwood	bourrounj	nectar from flowers, seeds
Angophora costata	smooth barked apple	kajimboura	
Eucalyptus oblonga	common sandstone stringybark	bai'yali	firemaking
Eucalyptus punctata	grey gum	mai'andowri	medicinal
Eucalyptus sieberi	Silver-top ash	mugga'go	shelter
Banksia serrata	old man banksia	wattun goori	
Boronia ledifolia	Sydney boronia	gambi?	
Lambertia formosa	mountain devils, honey flower	gambi	nectar from flowers

Leptospermum attenuatum	paperbark tea tree	gurrendurren	nectar from flowers, wrapping, bandages, roofing, bedding etc
Open forest on sheltered hillsides			
Synocarpia glomulfera	turpentine		
Eliocarpus reticulatus	blueberry ash	kwandong	
Pittosporum undulatum	sweet pittosporum		seeds
Ceratopetalum gummiferum	christmas bush		
Persoonia pinifolia	geebung	tjibbong	fruits
Billardiera scandens	apple berry	wugay	fruits
Grevillea linearfolia	white spider flower	gambi?	nectar from flowers
Smilax glyciphylla	sarsparilla	yarrung	fruits
Pteridium esculatum	bracken fern	gunggai	edible roots and tubers
Open forest on exposed hillsides			
Eucalyptus gummifera	red bloodwood	bourrounj	nectar from flowers, seeds
Eucalyptus piperita		kai'yeroo	spear making
Angophora costata	smooth barked apple	kajimboura	
Allocasuarina littoralis	black she oak	dahlwah	shelter
creek-side scrub and forest			
Callicoma serratifolia	black wattle		
Tristaniopsis laurina	water gum	wallaya	
Acmena smithii	lilly pilly	lilli pilli	fruits
Ceratopetalum apetalum	coachwood		
Acacia elata	cedar wattle	buri	seeds
Smilax australis	lawyer vine	binnbim	twine for binding
Pteridium esculatum	bracken fern	gunggai	edible roots and tubers
Blechnum cartilagineum		bungwall	starchy rhizomes
Adiantum aethiopicum	maidenhair fern		

Pandorea pandorana	wonga vine	wonga wonga	twine for binding
Clematis aristata	old man's beard	binnbim	twine for binding

Eastern Suburbs Banksia scrub

Hawkesbury sandstone covered by sands and clay with wind blown sands between Moore Park and Bunnerong, estuarine silt along creeks, sclerophyllous heath, low shrubs, wildflowers, small soaks with concentrations of organic matter - variety of habitats and species.

newn, 10 % sin west, which were, since seems with concentrations of eigenic matter		turiory of involves und species.		
Banksia aemulla	wallum	wallum	nectar from flowers	
Banksia serrata	old man banksia	watun goori	nectar from flowers, container for water	
Angophora costata	smooth barked apple	kajimboura		
Monotoca elliptica	pigeon berry	wugay	succulent berries	
Eriostemon australasius	pink wax flower	gamba?		
Ricinocarpus pinifolius	wedding bush	gamba?		
Xanthorrhoea resinosa	grass tree	gallundalgadya	resin, nectar, shaft for fishing spear, thatch for	
			gunya	
Goodenia stelligera	star-haired goodenia	gamba?		
Gymnoschoenus sphaerocephalus	button grass	garinali		
Callistemon citrinus	crimson bottlebrush	gamba	nectar	

Freshwater and estuarine wetlands - "kogarah"

Habitats with poor drainage have plants which have adapted to less oxygen/more salt in water freshwater wetlands on the floodplains

Phragmites australis	reed	bombora	edible roots and tubers, basket weaving	
Eleocharis sphacelata	tall spike rush bombora			
Triglochin procera	water ribbons			
Typha orientalis	bullrush/cumbungi	wallungalin		
Juncuc usitatus	common rush	bombora	edible roots and tubers, basket weaving	
Melaleuca linariifolia	snow in summer	gurrendurren	gurrendurren nectar from flowers, wrapping, bandages, roofi	

			bedding etc	
Melaleuca styphelioides	prickly-leaved paperbark	gurrendurren	nectar from flowers, wrapping, bandages, roofing bedding etc	
Eucalyptus robusta	swamp mahogany	bourounj	nectar from flowers, seeds	
freshwater wetlands on coastal sar				
Eliocharis sphacelata	tall spike rush	bombora	edible roots and tubers	
Baumea	twig rush	bombora	edible roots and tubers	
Juncus	sedge/rush	bombora	edible roots and tubers	
Melaleuca quinquenervia	paperbark	gurrendurren	nectar from flowers, wrapping, bandages, roofing	
			bedding etc	
Viminaria juncea	native broom			
Callistemon citrinus	crimson bottlebrush	gamba?	nectar from flowers	
Callisemon linearis	llisemon linearis narrow-leaved bottlebrush gam		nectar from flowers	
Leptospemum juniperinum	Prickly tea tree	e barunbarun	medicinal symbol of love	
Kunzea ambigua	tick bush			
S				
estuarine wetlands - mangroves, s	altmarsh			
estuarine wetlands - mangroves, s Avicennia marina	-		seeds	
Avicennia marina	grey mangrove		seeds salt	
Avicennia marina Aegiceras corniculatum	grey mangrove river mangrove		salt	
Avicennia marina	grey mangrove		salt young shoots, green vegetable	
Avicennia marina Aegiceras corniculatum Sarocornia quinqueflora	grey mangrove river mangrove samphire	bombora	salt	
Avicennia marina Aegiceras corniculatum Sarocornia quinqueflora Suaeda australis Juncus kraussii	grey mangrove river mangrove samphire seablite sea rush	bombora	salt young shoots, green vegetable young shoots, green vegetable edible roots and tubers	
Avicennia marina Aegiceras corniculatum Sarocornia quinqueflora Suaeda australis	grey mangrove river mangrove samphire seablite	bombora	salt young shoots, green vegetable young shoots, green vegetable	
Avicennia marina Aegiceras corniculatum Sarocornia quinqueflora Suaeda australis Juncus kraussii Sporobolus Zoysia	grey mangrove river mangrove samphire seablite sea rush grass coast couch	bombora	salt young shoots, green vegetable young shoots, green vegetable edible roots and tubers	
Avicennia marina Aegiceras corniculatum Sarocornia quinqueflora Suaeda australis Juncus kraussii Sporobolus	grey mangrove river mangrove samphire seablite sea rush grass		salt young shoots, green vegetable young shoots, green vegetable edible roots and tubers seeds	

other useful plants			
Thelymitra, caleenia spp	Ground orchids	wagalldarra	tubers
Leptomeria acida	currant bush	wugay	fruits
Exocarpus cupressiformis	cherry ballart	guwigan	fruits
Discorea transversa		bundago	tubers
Hibiscus heterophyllus	native rosella	kuritong	sticks for fire making
ficus (roots)	fig	kuritjong	fibre for string bags,
Rubus	native raspberry	bundan	fruits
Blechnum cartilagineum	bungwall fern	bungwall	starchy rhizomes
Casuarina cunninghamiana	river she oak	dahlwah	bark canoes
Hardenbergia violacea	native sarsparilla	warra birra	vine straps
Amyema	mistletoe	ban	fruits
Persoonia	geebung	tjibbong	fruits
Macrozamia	burrawang	burrawang	seeds - needed processing
Tetragonia tetragonoides	native spinach	murrogil	leaves
Brachychiton populenus	kurrijong	kuritjong	seeds, water, fishing lines
Livistonia australis	cabbage tree palm	daranggarra	woven baskets, tinder for fire making
Doryanthes excelsa	gymea lily	kai'mia	
dianella	dianella	pokulbi	
Pimela		binnbim	twine for binding axe heads
Xanthorrhea		gallundalgadya	resin, shafts for spears, fire making
		yaygali	

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APPENDIX 2: ANNUAL CYCLE PERSONAL OBSERVATIONS

(see Chapter 2.4, page 78)

I observe changes in plant life from walks in the bush close to my home - a dry eucalypt forest on the ridge above Eleebana - and the parkland on the lakes edge at Croudace Bay. Animal life is constantly observed around my house and garden - these are mainly the birds, insects and reptiles of a normal suburban garden - and, like a symphony in classical music, for me the seasons are marked by the background noises around me as I go about my daily life within my home.

Overture - the solo magpie serenade

At what seems to be the coldest and darkest time of the year in late July I anticipate that the cold weather will give way to a warming up once the magpie starts to carol during the early hours of the morning. He is signalling his territorial claim and serenading the local 'ladies' who are soon seen about collecting nesting materials (and watch out if he considers your passing by an intrusion on his territory!). It's time to leave contributions of hair and fluff out for all those busy builders - I often find a noisy miner's nest just above eye height in the smaller trees. The weather is windy, stormy and bitter with cold rain - what a time to be sitting tight exposed and vulnerable on the flimsy limb of a tree!

Another signal of change is the gradual addition of yellow to the greens of the bush as the early wattles bloom - *A floribunda*, *A. suavolens*, *A. decurrens*.

It is a time of anticipation - the gymea lilies are gradually revealing the pale pink inner blooms and on Eleebana ridge I watch as the bootlace orchid climbing to just above eye height produces flecks of yellow at the tips indicating buds. All those wildflowers burst into flower - hardenbergia, wonga wonga - bringing changes and subtle touches of colour to what has been a tonal green and unchanging scene.

Down by the lake and in the forests around Newcastle the she oaks flower and bronze, taking advantage of the windy weather to spread pollen wide.

Energetic first movement (presto) - the chant of the constant "peep peeping"

Around September the magpie has quietened down to attend to his nesting mate, but now the miner birds' offspring are asking for food - constantly. The only time that they interrupt their relentless peeping is when food is actually placed in their mouths by an attentive bevy of kinsfolk. Although this continues all spring and summer, they are the first birds in the garden to take advantage of the insects who are starting to emerge from a winter aestivation. The Lilly pilly is topped with flashy new red leaves.

At night at last the fledglings sleep, and the occasional calling and humming of courting tawny frogmouths can be heard. The possums cavort over the roof, through the trees and along the fence.

The bush on Eleebana ridge is a botanist's delight with a wide variety of blooms and the early creepers are gradually succeeded by an abundance of showy pea flowers in yellows and oranges. I watch as the dianella and orchids bud and

eventually bloom, and the early flowering wattles are forming seed pods - prickly moses, sweet wattle. The grasstrees send up new green rubbery spikes and all the eucalypts are tipped with red from new growth. As the season warms the tree trunks colour, the bark splits and flies about as the winds pick up.

Around Newcastle the Gymea lily blooms fully unfold, in the Watagans the waratahs are blooming and by the lake the warrigal greens are lush in the wetter and shadier patches. Seeds planted soak up the warmth of the strengthening sun and sprout, growing visibly over the following weeks. And this is an opportunity to see the masses of flannel flowers at the seaside.

The magpie couple appear with their young - often twins - for a handout to supplement the insects winkled out of the leaf litter and lawn. (And don't they welcome an infestation of army grubs!) The prolific bottlebrush also wakens and blooms, attracting hordes of squawking lorikeets during the day and the first squabblings of flying foxes at night.

Now is the time that encounters with pythons and goannas warming up and feeding up after their winter sleep make walking in the bush so rewarding; as well as the bonus of finding a discarded skin. At home the blue tongue appears after a winter absence.

Interlude (strident) - the dissonant arrival of the whoop whooping cuckoos.

The harmony of this busy activity is interrupted by the jarring calls of the cuckoos flying in from the north - a sound that instils dread in the heart of any nesting birds, especially the currawongs and magpies.

The bush tucker fruits of summer are taking their turn to flower - dianella, wombat berry and bush heath plants. Grasstree spikes are clothed in white blossoms and surrounded by bees and honeyeaters. Notably the lilly pilly will bud and flower for a long time, but is quite vulnerable to wild weather. If the flowers are destroyed there will be no jam this winter!

Now the mopoke nests and the flying ants swarm, feeding magpies and miners and their young.

Second movement (allegro) - the drone of the shrill shrilling cicadas

It is the time of unsettled, stormy weather, humid and hot. The brightly golden silky oak and red Christmas bush colourings presage Christmas festivities - I usually manage to make the Xmas pudding on the hottest day of year so far. In my garden the native hibiscus begins to flower - delicate ephemeral short-lived blooms - but it is the swelling buds which I devote to jam making.

On the ridge the hyacinth orchids bloom and in time the native fruits and berries gradually appear - apple berry and some geebungs and all those wattles have produced seed pods.

Outside during the daytime my path is marked by the skittering of basking skinks and they will come inside looking for water. The juvenile currawong and butcherbird young are fed on a plethora of flying insects - notably the cicadas and the christmas beetles which skit about in the lights and burrow down into the softer soils of our garden to lay eggs. We also watch the spiders building webs for amusement as we spend the mild evenings outdoors.

The red flowers of kurrijong trees reflect the heat of this time. Smoke palls over the horizon from bushfires across the lake and on a windy day blackened gum leaves carpet the foreshore.

Third movement (Andante) - the mawk-mawk (glug-glug) in unison of parrots feeding their young

The flocks of sulphur crested cockatoos, corellas and galahs that have congregated to take advantage of the seeding grasses have brought their young who follow them about persistently demanding a feed, and it is a sight and sound that only a mother can love! Ants, lizards and hunting birds carry off the carcasses of cicadas spent after their mating. At last the cuckoo chicks have grown up and head off with their characteristic whooping call. Flying foxes fuss over the abundant bottlebrush flowers

On the ridge the bursaria spinosa blooms in white masses and all those spring wattles are seeding.

On the lake's edge sprouted mangrove seeds and nudibranx egg rings wash up. Golden orb weaver spiders' webs festoon the casuarinas and spiders that seem to get bigger and bigger sit amidst their wrapped-up larder.

Cadenza (adagio) - the virtuouso Lyrebird serenades

During May and June a visit to the Barringtons or the Watagans is an opportunity to witness the lyrebird's love song, ringing out in the mists of early morning and evening. The spectacle of the Wedge-tailed eagles mating flights can be appreciated on top of Mt Allyn.

This is the long season of lilly pillys which fruit on and on - time again for jam making. Forays into the bush reveal later bush fruits such as raspberries, black apples, figs, cranberry heath and bolwarra. Fungi begin to thrive in the humidity.

Finale (largo) - the monotone muffled hush hush of cold

At last comes the season for whale watching, indicated by the growth of the new Gymea lily stems with newly formed buds - when the stem reaches the same height as the outer leaves, the whales head north.

Now is the time when there is not much change noticeable in the bush, the odd spot of colour and variety is afforded by the fungi about in dewy cold morning mist, the flowering ironbarks with their red and pink blossoms and the not-so-obvious pale button-like flowers of the prickly moses. One event to keep track of is the progress of the tendrills of the bootlace orchid as it climbs the spotted gums. In my garden some semi-deciduous trees drop coloured leaves - Antarctic beech, hibiscus - and the banksia ericafolia spikes bloom golden.

Here is an opportunity to glimpse an echidna (or his scratchings at ant heaps) or a wombat or his noticeable scat 'statuettes' atop logs and stones. This is the time of year when they appear out during the day busy in the gentle winter sun.

Coda - All is quiet until that single pure riff of song from the insomniac magpie.

APPENDIX 3 - RESEARCH INTO THE REPRESENTATION OF TRADITIONAL STORIES

(see CHAPTER 3.1, p. 158.)

story title, outline of events and lesson	animal/plant species	
soon y taken out the same response	william plant species	
"Yandel'ora: land of peace between people		[p.88]
The story occurs during a "bunya" festival,	Wiritjiribin, superb lyrebird	
a time when Aboriginal people from all	Duluma, salt-water crocodile	
over Australia met to discuss laws, arrange	Djunguwaragal, thylacine	
marriages, strengthen bonds and settle	Garal'ga, black cockatoo	
disputes. On one level the story explains	Bittoorang'burran, red kangaroo	
how the animals lost their ability to	Kulun'aga, finch	
communicate with one another and why it	Bulla bulla, butterfly	
is only the Lyrebird who can "speak all	Gilinga, toad	
languages".	Kookaburra, kookaburra	
On another level this story reveals the	Wombat, wombat	
consequences of the actions of one of the	Wallaroo, wallaroo	
delegates who was intent on disrupting the	Muru'duwin, silver eye	
proceedings. It is a story shout relationships, about truth	Burra, grey kangaroo	
It is a story about relationships, about truth	Didi'jiri, willy wagtail	
and what happens when egos get in the way of good communication.	Gaya'dari, platypus Wangali, bandicoot	
Yandel'ora refers to the area around Mt	Naga, bee	
Annan.	Wagal, fish	
Aman.	Mara'yan, spider	
	Yuran'yi, duck	
	Bilima, turtle	
	Magu'dan, blue-tongue lizard	
	<i>Kai'ray</i> , bush turkey	
	Dil'bung, yellow-breasted robin	
	Managa, wedged-tail eagle	
45 44 45 4 4 4 4 4		F 643
"Bundalook: How the birds got their color		[p.54]
When the parrots wish to change their drab	Guma'maari, eastern rosella	
black feathers for something more	Bundalook, rainbow lorikeet	
colourful, Guma'maari is set the challenge	Belah, black cockatoo	
of discovering a way to do this without	, sulphur crested cockatoo	
breaking traditional law. She consults the flowers and finds the wonders of the	Warra'birra, native sarsparilla Guda'yari, christmas bell	
rainbow.	Mitjinburi, Midgin berry	
She learns that there are stories behind the	Pokulbi, dianella	
way everyone appears, and why the black	waratah, waratah	
cockatoos are black, the white cockatoos	Boo'kerrikin, wattle	
have yellow beneath their wings.	Wagal'darra, sun orchid	
"How the white waratah became red"	,	[p.30]
This is one of the first D'harawal stories	Wurrata, (Red) waratah	
and it describes the transformation of the	Miwa gawaian, white waratah	
Miwa gawaian, the white waratah, into the	Mananga, wedge-tailed eagle	
red colour we see today.	naga, bee	
It is about duty and jealousy, and		
eventually forgiveness.		

"Diru'wun and Diru'wunan: Currawongs and Magpies"

[p.74]

When the Country is beset by drought, the Currawongs and Magpies cooperate to bring the rains.

This story is about cooperative efforts and defines "drought" in D'harawal terms. We now understand why when the magpie sings and the currawong flies high in the sky, rain will follow.

Diruwun, currawong Diru'wunan, magpie Boo'kerrikin, Acacia decurrens Kerwan, Bursaria spinosa

"The Wattungoori"

[p.44]

Three kinds of people lived in the Country harmoniously, until a long drought caused the large hairy people to resort to violence and kidnapping. The problem was solved once they were imprisoned.

A story that incorporates a warning to children to behave with respect and to adults against brutality, and advocates harsh but kind punishment. And a warning against chopping down trees!

D'harawa'goori, the People
Wattungoori, hairy men/ banksia cone
Dooligah, large hairy men
Kuritcha, small hairy men/banksia bloom
Kuritjong, Kurrajong tree

"Gudgad, the frog."

[p.80]

During drought the greedy frog takes all the water for himself and is only persuaded to release it once the clans join forces. Here is a solution to confrontation: humour, and a warning about sharing resources. When the kookaburra laughs, there will be rain within 3 days.

Gudgad, burrowing frog Diruwun, magpie Marrai'gang, spotted tail quoll Guriwal, pigeon Mananga, wedge-tail eagle Wan'gali, bandicoot Wiritjiribin, superb lyrebird Gugagura, Kookaburra

"Wiritjiribin, the first lyrebird"

[p.94]

During the first wild bushfire *Wiritjiribin* leads her clan to safety, only to perish in the flames herself, but to emerge later as the lyrebird.

Wiritjiribin, superb lyrebird

Galu'dilinga, honeyeater

"Talara Tingi, how the flannel flower came to be" During a time of extreme cold the flowers Talara tingi, flannel flowers

[p.102]

During a time of extreme cold the flowers won't bloom or bear fruit, and it is up to Tiana to find a way to rectify the situation. With the help of fire, the flannel flowers came into being.

naga, bee

The story points out the importance of all parts of the ecology, explains the form of the flannel flower, and asks that we listen

UTh Warman direct and the Wiredneshims U	[₂ , 10.4]
"The Worrondirri and the Wirrimbirra"	[p.104]
Once the Nepean river flowed out through	Worrondirri, Wollondilly-Nepean River
Sydney Harbour via the Parramatta River.	Wirrimbirra, area around Camden
This explains how that river course was	
changed by a mighty storm and subsequent	
flood.	
It is a warning to use power and teach	
wisely.	
"Mull'goh, the black swan"	(not included in publication
The black swan are disconcerted and	Mull'goh, black swans
suspicious of their white offspring, and	Bubuk, boobook owl
plan revenge.	Goolay'yari, pelican
Here is an explanation for the swan's black	Wugan, raven
feathers, their white wingtips and why they	Wawaran, crow
always make their nests on water. It also	Diru'wun, magpie
points out the differences between the	Di a wan, maspic
rayen and the crow.	
Tavell and the crow.	
"Kai'mia" Once the Georges River and the Cooks River flowed together out to sea through Cronulla. A tsunami and storm surge changed that, flooded the swamps that we now see as Botany Bay and made way for	(not included in publication Kai'eemah, Georges River Goolay'yari, Cooks River Kurunulla, Cronulla Kai'mia, Gymea lily
the formation of the Kurnell sand dunes. The Gymea lily came into being when some children were trapped in this maelstrom and is a testimony to the bravery of the hero. It teaches a lesson about respect for observing traditions and about perseverance and courage. It shows us that the nectar of the Gymea Lily will quench thirst and the stem will provide sustenance.	

APPENDIX 4 - GAMARUWAMUMU, TIMES OF THE DAY - PLANNING TABLE

(See Chapter 3.2, p. 175)

TIME	DREAMTIME	VISUALISATION	RESOURCES	COLOURS	ARTISTS/INSPIRATION
Gugagara	Time of the	Kookaburra	www. image of Garie Beach,	Payne's grey	LIN ONUS: "Ongoing
djanaba	Kookaburra	silhouetted against a	photograph of early morning sky	Cobalt blue	adventures of X and ray
(Pre dawn)	Laughing	dark sky that is light at	photo + specimen kookaburra	(deep)	(still looking)" 1994-5.
		the horizon - as seen	laughing	Winsor lemon	Neale, pl.45
		over an expanse of	Branch from gum tree at	Permanent rose	
		ocean	Eleebana		
	Minyimulung -	dew on plants	Awabakal Nature Reserve,		silhouette against light on
	gather dew for	(identified by their	research drawings, Eleebana of		the horizon, moon, dark
	medicine	flowers)	Waratah, Melaleuca,		sky graded wash to pasel
			Eriostemon, Prostanthera,		skyline.
			flannel flower		
Bayabubu	Binyang borpunja -	Sunrise sky with	Specimen of magpie at uni,	Payne's grey	ONUS: "Twice upon a
(Sunrise)	Time of the birds	magpie singing in tree	images from research for	Prussian blue	time". Neale, pl.13
	waking up		"Dirwun and Diruwunan"	Cobalt blue	GRUNER: "Spring frost,
				(deep)	Emu Plains" Splatt, pl.61
	Put the fires out.	fire, burnt wood,	Photograph of spent fire from	Winsor lemon	Long soft shadows, high
		smoking	RBG Sydney	Permanent rose	key pastels with skyline of
					trees, yellow glow.
Widaburra	Time of the	Waterhole, with	Creek bed – photograph from	Prussian blue	ONUS: "Archie Roach"
(Early	kangaroos	kangaroo drinking	Blackbutt, field sketches of early	Cobalt blue	1996. Neale, pl.58
Morning)	drinking.		morning	Yellow ochre	LONG: "Spirit of the
			Eastern grey, Blackbutt	Burnt sienne	Plains"1897. Murray,p.29
	Gather food.	coolamon full of food	Previous field sketches:		Soft cool colours, blurred
		(berries, tubers,	Billardia, Cherry ballart,		outlines, recession of trees
		leaves)	Kurrajong, Heath berries,		in mist
			Dianella, eggs, tubers, Warrigal		
			greens		

TIME	DREAMTIME	VISUALISATION	RESOURCES	COLOUR	ARTISTS/INSPIRATION
Waranwarin	Time for teaching	Spreading fig tree, sun	Fig tree at Lake Macquarie Art	Cobalt blue (deep)	ONUS: "Dogs on Lake
wuruniri	the children	peeping behind the	Gallery, field sketch	Cobalt blue	<i>Eyre</i> "1989. Neale, pl.40
(mid		middle branches		Raw sienna	WITHERS:"Bright
morning)		marks drawn in the	Modified images from	Winsor lemon	Winter's Morning"1894.
		sand eg. animal tracks	D'harawal rock engravings	Burnt sienna	Splatt pl.36
		of kangaroo, goanna,			Sharper shadows, brighter
		duck			yellow sunlight, sense of
					freshness, cool blue sky.
Bawuwan	Time of the short	Looking up into tall	Eleebana ridge trees -	Cobalt blue	NAMATJIRA: Mt.
darribi	shadows.	trees with sun blazing	photograph, photographs of tall	Raw sienna	Hermannsberg Series,
(Midday)		down from directly	trees Barrington	Winsor lemon	1946. French, Pl.62
		above		Burnt sienna	STREETON: "The purple
					noon's transparent might"
	CI.		DI 1 CC C		1896. Splatt, pl.42
	Choose a camping	Gunya under	Photographs of Gunya from		Short sharp shadows, pure
	spot.	construction	RBG Sydney		hues, warm blues, stark contrasts between dark
					shadows and washed out
					highlights.
Nalawala	sit down in the	Spreading angophera	tree at Dudley Bluff -	Cobalt blue (deep)	ONUS: "Fish, fern and
dulban	shade time.	tree with clearing	photograph	Cobalt blue	rocks "1995. Neale, pl.57
(Early	shade time.	beneath, tracery of	photograph	Raw sienna	CONDOR: "Springtime,
afternoon)		shadows on the	field sketches and photographs	Winsor lemon	Richmond"
		ground	of implements at Australian	Burnt sienna	Sun's rays split into scene,
		tools laid aside	Museum	Danit Sienna	contast of hues, deep
		10010 1010 00100			blue/purple shadows,
					warm blues.

TIME	DREAMTIME	VISUALISATION	RESOURCES	COLOUR	ARTISTS/INSPIRATION
Managanbi	Time of	Scene of gum trees with fallen	Photograph taken on	Cobalt blue(deep)	ONUS: "New Age Toas"
(Late	gathering the	branches below, silhouetted	South coast of clearing	Raw sienna	1992. Neale, pl.31
afternoon)	fire.	against and reflecting the warm	at dusk	Burnt sienna	MCCUBBIN: "Lost"
		colours of a sunset, sun low		Permanent rose	Murray, p.17
		behind branches.			
		Inset: pile of dead branches	Pile of branches -		Warm colours in bush,
			sketched in studio		deep undefined shadows,
					purples/oranges contrast,
					brooding cloud bank.
					Warm sunrays.
Barragula	Time of telling	Darkening sky with glow of sun	Field sketches and	Payne's Grey	ONUS: "Goannas at
(Sunset)	stories.	on the horizon with a lit campfire	photgraphs	Cobalt blue	sunset"1994. Neale, pl.49
			Campfire set up and	(deep)	DAVIES: "A summer
			sketched/photographed	Cerulean blue	evening"1896. Splatt,pl.39
			in field	Winsor lemon	
	Kookaburra	Kookaburra laughing, with friend	Specimen of	Permanent rose	Concentrate on warm
	tells the birds to		kookaburra, sketches		hues, soft shadows, glow
	go to sleep.		from field		of reflections of sun on
		27.1			trees
Nguwing	Time of the	Nighttime scene of same tree as	Field sketch moonlight	Payne's Grey	ONUS: "Floods and
kapo	silence of the	pre dawn, this time in moonlight.	with moon	Cobalt blue	moonlight" 1993. Neale,
	night.		Photograph of	(deep)	pl.52
			kookaburras asleep	Burnt sienna	LONGSTAFF: "Gippsland
			together		Sunday night"1898.
	T: 1	1 1 1	4		Splatt, pl.44
	Time to sleep.	kookaburras			Warm blackness of dark,
					blues and silhouetted
					silvery whites in lit areas,
					soft shadows.

APPENDIX 5 - RESEARCH INTO ANNUAL SEASONAL INDICATORS' LIFE CYCLES AND REFERENCES (see Chapter 3.2, p. 183)

Murrai'yunggoray	Goray'murrai	Gadalung'marool	Bana'murrai'yung	Tugarah 'tuli	Tugarah'gunya'marra
	Warm and wet	Hot and dry	Wet, getting cooler	cold	Cold and windy
Cool, getting warmer					
SEPT-OCT	NOV-DEC	JAN-FEB	MARCH-MAY	JUNE-JULY	AUG
NGOONUNI GATHER	PARRA'DOWEE	BURRA START	<i>MARRAI'GANG</i>	BURRUGIN GATHER	WIRITIJIRIBIN
(Flying Foxes form	CALLS HIS	HAVING THEIR	SEEKS HER MATE	(Echidna trains form	BEGINS HIS MOUND
"summer camps")	CHILDREN TO HIM	BABIES (Eastern Grey	(Spotted Tail Quolls	behind females)	(Lyrebird)
	(freshwater eels	Kangaroos give birth	courtship and mating)		BOO'GUL MATES
	abundant)	and mate again)			AND DIES (Brown
					Antechinus)
WARATAH FLOWERS	KAI'ARREWAN	WEET'JELLAN	LILLI PILLI FRUITS	BURRINGOA	MARRAI'UO and
(Telopea speciosissima)	BLOOMS (Acacia	BLOOMS (Acacia	(Syzygium ssp)	FLOWERS (Eucalyptus	BOO'KERRIKIN
	binervia)	implexa)		tereticornis)	FLOWER (Acacia
					floribunda, Acacia
					decurrens)
Time for major	Do not camp near rivers	Eat only fruit and seeds,	Start to make (feather)	Gather nectar for	Build shelters facing the
ceremonies	because of flash	meat can go off	cloaks and begin the	ceremony/ medicine	rising sun, journey to
	flooding		journey to the coast		highlands, plenty fish-
					mullet

ANIMALS

NGOONUNI, Grey-headed Flying Fox

İ	Gather in camps to give	Young left in a crèche	Young learn to fly and	Males display, become	Camps disperse to feed	Begin to fly in to camp.
	1 0	at night, suckled with	have lost their milk	1 3 -	1 1	18
	mum and suckled until	mum by day. Alert,	teeth. They are taught	their mothers, who	scarce.	
	able to hang by itself.	vocal and grooms itself.	, , , , , , , , , , , , , , , , , , , ,	mate.		
	C ,		Continue to roost by			
			mum.			

PARRA'DOWEE, Short-finned Eel

Migrate downstream to spawn, when fully grown - 6 month swim to Coral Sea - eggs hatch into leptocephali which drift on the currents towards E Aust (and NZ) for up to 2 years until they reach coastline where they change into glass eels - head upstream, darken and become elvers - males inhabit estuaries, females make their way up to headwaters e.g. past Warragamba dam wall. Eels are dormant in winter.

Joey imitates mum and	Joey is ousted from	Give birth - embryo	Pouch young growing,	Pouch young may poke	Joey leaves pouch on
follows at heel but is	pouch, but still suckled	clambers into pouch	the only sign being a	its head from pouch.	short excursions.
still suckled and sleeps	from pouch. Burra	and attaches itself to a	growing moving lump	•	
in pouch.	mate.	teat.	in mum's pouch. The		
			older joey is gradually		
			weaned.		
MARRAI'GANG, Spotted	'-Tail Ouoll				
Kittens learn to forage	Eat young reptiles and		Female develops fat	Kittens stay in pouch	
and hunt for	frogs.		reserve about neck and	until they are too big	Kittens are weaned,
themselves.			yowls at night for male.	and develop fur then	play and wrestle outside
			Mates. Kittens born	they are suckled in den.	den.
			and suckle in pouch.		
BURRUGIN, Short-beak	ed Echidna				
Young is suckled and	Puggle is left in burrow	Weaned at 6 months	Puggle emerges into	Female develops a	Female lays one egg
carried in pouch until it	and suckled every few	old.	outside world, learns to	'pouch' and mates with	that is carried in pouch
develops quills.	days.		forage at heel.	the first in the 'train' of	until it hatches. Puggle
				male echidna that	is then suckled.
				follow her about.	
WIRITIJIRIBIN, Superb	Lyrebird				
Chick fed by mum in	Forage as small family	Male practises his song	Female begins to make	Mate, egg laid and	Egg is incubated.
nest until it is left in a	groups, male moults.	and display now that his	nest for next season.	incubated for 40-50	Male sheds tail feathers
safe spot during the		feathers are restored.		days.	
day.		Both male and female			
		undergo a head and			
		neck moult.			
BOO'GUL, Marsupial M	ouse				
Young are born, cling	Young are weaned,				Mate, with frenzy,
to mum's belly and	taught to hunt and sent				males die.
carried about while	on their way.				
suckling.					

PLANTS					
MIWA GAWAIAN, Wara	ıtah				
Flowers.	Flowers wither, new shoots grow from stem and lignotuber.	Buds develop and old flowers produce green seed pods.	Dormant, leaves colour and fall.	Seed pods dry and split, winged seeds disperse.	Buds swell ready to flower, leaves lose dullness and green.
KAI'ARREWAN, Acacia	binervia				
Buds grow and yellow.	Flowers bloom.	Flowers wither, seedpods develop.	Green seedpods develop, new buds appear.	Seedpods brown, harden and fall, split open to eject seeds.	
WEET'JELLAN, Acacia	implexa				
Seed pods brown burst and seed falls.	Buds swell and develop.	Flowers, some quite persistent.	New seedpods develop.		Green seedpods ripen.
LILLI PILLI, Syzygium s	SD.				
New growth.	Buds, flowers.	Flowers wither, fruit begins to develop.	Fruits.	Fruits fall to the ground.	
BURRINGOA, Eucalypti	us tereticornis				
Green new growth.	Gum nuts brown and open, scattering seeds.	Buds develop.		Flower.	Flowers wither and new seedpods develop.
MARRAI'UO, Acacia flo	ribunda				
New growth, flowers wither and new seedpods develop.	Seed pods brown and split.		Buds develop, green.	Buds start to colour yellow.	Flowers.

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Seasonal Activities of other Flora and Fauna of South Eastern Australia:

	MURRAI	GORAY'MURRAI	GADALUNG	BANA'MURRAI'YU	TUGARAH TULI	TUGARAH GUNYA
	YUNGGORAY		MAROOL	NG		MARRA
	SEPTEMBER-	NOVEMBER-			JUNE-JULY	AUGUST
	OCOBER	DECEMBER	JANUARY	MARCH-APRIL		
			FEBRUARY	MAY		
FLOWERS	New growth/	Seeds pods/fruit	Seed/fruit developed	Seed dispersal	Buds start	Buds develop
(in general)	flowers bloom	develop				
INSECTS	Pollinate flowers	Mate and lay eggs,	Larvae eat up	pupate		metamorphose
(in general)		swarm				
SPIDERS	Trap and prey on	Mate and lay eggs	Eggs hatch,	Wolf spiders carry		
	other insects/moths		spiderlings about	spiderlings		
ANTS	Mating flights					
CICADAS	Emerge and sing	mate	Lay eggs and die	Grubs hatch / fall to		Larvae tunnel
				ground		upwards
LOCUSTS	eggs hatch at 15°C	Eat grass and Pupate	swarm	Return North, lay		•
				eggs, die		
BOGONGS	Migrate south	Blown in by north	Inhabit alpine areas to	Return north to mate,	Larvae hatch, eat	Pupate,
	8	west winds/ shelter	escape heat	lay eggs and die	herbs	metamorphose
BUTTERFLY	pollinate	Mate, lay eggs	Larvae eat up	pupate		metamorphose
BEETLES	P	Mate, lay eggs, hatch		P of mo	Larvae underground	Scarabs Tunnel
BEETEES		eg Xmas beetle			Lai vae anaergreana	upwards
		og minus scene				ир тигиз
FROGS		Call and breed after	Metamorphose		TORPOR	
		rains				
REPTILES						
SNAKES	Sunbake, feed up,	Active, high energy,	Lay eggs, hatch		Torpor: hide in	
STATILLS	sunsune, reed up,	mate	2uj 0885, naton		burrows, under rocks	
					ouriows, under rooms	
BIRDS	Build nests, call,	Brood eggs, feed	Train fledglings	Migrate/court	Songbirds	Arrive from North
(in general)	mate	young	114111 11045111155	1111Brate, Court	display/breed	THIT C HOM I VOICE
(iii goileiui)		J ~ 4115			alspiaj, oloou	
MALLEE	Court, mate	Lay eggs	Incubate eggs, tend	Young hatch	Prepares mound	Dampens mound and
FOWL	Court, muto	-uj 7 55°	mound	1 0 411 5 1144011	110pares mouna	it warms up
	Return from north	Renovate, mate and	Eggs hatch, chicks	Adults migrate then		it waims up
I	rectain nom north	Tenovate, mate and	2555 1141011, 0111013	radits inigiate tilen		

MUTTON BIRD		lay eggs	fed	fledglings		
PARROTS		Galah young abandoned		Enjoy seeding grasses Cockatoos court		
EGRETS		Court				
HONEY-		breed		Silvereye flocks fly		
EATER SWANS				north Court		
RAPTORS EMUS	Lay eggs			Nuptial flights	Mate, lay eggs, brood Court, mate,	sedentary
SONGBIRDS	Lay 0ggs			display	Mate, lay eggs, brood	
MARSUPIA	LS					
KOALA	Evict joey, ovulate every month for next 6	Howl and breed				
TAS	cubs emerge from	Cubs follow at heel	cubs independent,	Mate, embryo born	cubs suckled	Cubs peep from pouch
DEVIL POSSUM	pouch		solitary			Commission on healt
POSSUM						Carry young on back
MAMMALS						
DINGO	Pups fed in den	Learn to hunt/territory	Pups Independent, solitary	mate	whelp	Pups suckled
WHALES		Whales return south with new family				Whales migrate north to breed
SHARKS					Sharks frequent E waters	

APPENDIX 6 - TIMETABLE FOR RESEARCH INTO ANNUAL CYCLE

(See Chapter 3.2, p. 183)

What? Where? When?

The work of finding, investigating and making field sketches and research drawings for this study needed to be scheduled according to places, times and availability of resources. The following is a plan of action:

ANIMALS

Eels:

- Detailed research and sketches (Fort 2002, Marvin 1997, McDowell 1980, Park 1986, Whitehead 1975)
- o Sketch as many as possible to collage together from digital references
- Field sketches and photographs Sydney Aquarium, Shortland Wetlands, Sydney Botanic Gardens, Blackbutt
- Detailed sketch from dead specimen, check coloration
- o Collage images, working drawing, colour swatch

Kangaroo:

- Sketch of embryo at Aust Museum
- Research and sketches of an embryo from DVD (Aldenhoven 1992, Attenborough 2003, Graves 1990, Gordon 1967, Younger 1988)
- Research and joey images (Birks 1998, Breedon 1996, Dawson 1995, Dominico 1993)
- o Field sketches and photographs Reptile Park, Blackbutt

Tiger Quoll:

- o Research sketches (Briedahl 1994, Coutts, Graves 1990, Gordon 1967)
- Field sketches and photographs at Blackbutt and visit to enclosure at feeding time, check coloration
- o Draw habitat, fallen tree and forest skyline Watagans
- o Draw from photographs, experiment with wet-in-wet technique
- Collage of habitat, two quolls working drawing,
- Colour swatches experiment with night-time colours

Echidna:

- Detailed sketches from specimens The University of Newcastle, Australian Museum
- o Research drawings (Parish, Stodart 1989, Rismiller 1999, Gordon 1967)
- Field sketches and photographs Taronga Zoo, Reptile Park
- Oraw habitat, ant's nest Mt. Allyn, experiment with colours and textures of bare earth, stones and leaf litter
- Research sketches ants
- o Draw from video (Parer, 1998), check "Puggle Post"
- o Experiment with quills and shading, colour swatch
- Compose scene, working drawing

Lyrebird:

- Photographs Royal National Park
- Research and sketches from references (Attenborough 2001, Smith 1968, Chisholm, Reilly 1988)
- Sketches from Aust Museum specimen
- o Field visit to Healesville Sanctuary, Victoria June, mating display time
- o Colour swatch, free brush, pastel experiments
- o Compose images of lyrebird scratching leaf litter

Antechinus:

- o Field sketches Taronga Zoo Nocturnal House
- Sketches from specimen University of Newcastle
- o Draw from DVD (Vandenbeld, 1988)
- o Research information (Van Dyck, 2001, Coutts, www.tvwc.org.au)
- Make clay figures and diorama for forest floor
- o Compose scene, working drawing, experiments with night-time colours

Flying Foxes:

- Research and sketches from references (Hall and Richards 2000, Morphy and Smith-Boles 1999, Breedon 1992, Grzelewski 2001)
- O Sketches from specimen University of Newcastle
- Field sketches and photographs Sydney Botanic Gardens, Blackbutt, Reptile Park, Native Animal Trust - Sandra Penman, Holmesville
- o Experiments with wet-in-wet watercolour, colour swatch
- Collage of images, working drawing.

PLANTS

Acacia binervia - Kai'arrewan:

- Field sketches University of Newcastle, Dutchman's Beach, Mt Annan, Swansea south
- Herbarium samples
- Colour swatch and experiments with blue-grey leaf colour
- Draw new buds (Mar-May)
- o Flowers (Oct-Nov)
- Seed pod (June-Aug)
- o Information and research (Tame 1992, Maslin 2001)
- O Design with story sky, experiments in watercolour

Acacia implexa - Weet'jellan:

- o Field sketches: University of Newcastle, Warners Bay, Mt Annan
- Herbarium samples
- o Record new buds (Oct-Nov)
- Flowers (Jan-Feb)

- o Seed pods (Mar-May)
- o Burst seed pods (Sept-Oct)
- o Information and research (Tame 1992, Maslin 2001)
- Collect seeds, plant and record growth of new plants

Syzygium spp - Lilli pilli:

- o Information about Syzygium species
- o Information about bush tucker (Robins, 1996)
- Field sketches and photographs University of Newcastle, Eleebana, Blackbutt, Mt Annan
- o Herbarium samples
- Sketches of buds (Sept-Oct)
- Flowers (Nov-Dec)
- o Fruit (Mar-May)
- New growth (Aug-Sep)
- Colour experiments

Eucalyptus tereticornis - Burringoa:

- Field sketches and photographs Croudace Bay, Sydney Royal Botanic Gardens, Mt Annan
- Herbarium samples
- Sketches of woodland Salisbury, Mt Annan
- Lino-cut design, block and print
- o Record buds (Jan-Feb)
- Flowers (June)
- o Fruit (Sept-Oct)
- Gum nuts (Nov-May?)

Acacia floribunda - Marrai'uo:

- Field sketches and photographs Eleebana, Green Point
- Herbarium samples
- Record buds (Mar-May)
- o Flowers (Aug)
- Seed pods (Sept-Oct)
- Juvenile growth (Dec)

Telopea Speciossissima - Waratah:

- Field sketches and photographs Ashfield, Watagans, Mt Tomah, Newcastle Wildflower Nursery
- o Compile photographic essay (Nixon, 1997)
- Experiment with colours
- o Buy, study and paint blossoms Warners Bay Florist, Mt Tomah Gardens
- Design frieze from photographs