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APPENDIX 1.1

WEED SURVEYS ALONG THE CHALUMBIN-WOREE
POWERLINE NETWORK

Key D = Dominant
 C = Common
 O = Occasional
 R = Rare
 + = Incidental occurrence nearby
 * = Denotes a weed species

Site	Tower 10091 Bridle Creek				Tower 10096 Bridle Creek				Tower 10094 Bridle Creek			
	351336 E		8121985 N		353531 E		8121669 N					
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	C					C-D	C-D					
* <i>Arundo donax</i>				+								
* <i>Axonopus compressus</i>		C-D	C		C		C					
* <i>Axonopus fissifolius</i>												
* <i>Bidens pilosa</i>		O										
* <i>Brachiaria decumbens</i>					D	C-D	D	D				D
* <i>Centratherum punctatum</i> var. <i>punctatum</i>												
* <i>Citrus limon</i>												
* <i>Conyza leucantha</i>	C											
* <i>Crotalaria goreensis</i>	O											
* <i>Crotalaria lanceolata</i>					O							
* <i>Cynodon dactylon</i>											R	
* <i>Cyperus aromaticus</i>												
* <i>Emilia sonchifolia</i>												
* <i>Euphorbia hirta</i>			R									
* <i>Hyptis capitata</i>					O							
* <i>Hyptis suaveolens</i>		C										
* <i>Indigofera suffruticosa</i>				O								R
* <i>Lantana camara camara</i>	O	O		C		C	C-D	C	D	D	C	O
* <i>Macroptilium</i> <i>atropurpureum</i>				O	C							O
* <i>Melinis minutiflora</i>	C		D					C			C-D	D
* <i>Melinis repens</i>				O						O		
* <i>Mimosa pudica</i>		C	O		C					C		
* <i>Mitracarpus hirtus</i>												
* <i>Panicum maximum</i>								C				
* <i>Paspalum conjugatum</i>												
* <i>Paspalum paniculatum</i>	C	D	D					C				O
* <i>Passiflora edulis</i>							R					

Site	Tower 10091 Bridle Creek				Tower 10096 Bridle Creek				Tower 10094 Bridle Creek			
	351336 E		8121985 N		353531 E		8121669 N					
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>*Passiflora foetida</i>		O										
<i>*Polygala paniculata</i>	C				O					C	O	
<i>*Praxelis clematidea</i>			O	C								
<i>*Richardia brasiliensis</i>			O								C	
<i>*Rubus alceifolius</i>												
<i>*Scoparia dulcis</i>			C		O							
<i>*Sida rhombifolia</i>	C	O										
<i>*Solanum americanum</i>					O							
<i>*Solanum mauritianum</i>												
<i>*Solanum torvum</i>												+
<i>*Spermacoce latifolia</i>	O											
<i>*Sporobolus jacquemontii</i>				O								O
<i>*Sporobolus jacquemontii</i>					C					O		
<i>*Stachytarpheta jamaicensis</i>	C-D	D	D	C-D	O	C-D	C	C			C	C-D
<i>*Stylosanthes humilis</i>	C	C	O									R
<i>*Tagetes minuta</i>												+
<i>*Tristemma mauritianum</i>												
<i>*Urena lobata</i>	O											
<i>Abrophyllum ornans</i>												
<i>Acacia celsa</i>				O	P	O		C				
<i>Acacia polystachya</i>	O		O	C								
<i>Acacia simsii</i>			O		C							C
<i>Agathis robusta</i>			P		P							
<i>Aleurites rockinghamensis</i>							R					
<i>Alloteropsis semialata</i>	C											
<i>Alphitonia excelsa</i>			R								R	
<i>Alphitonia incana</i>	O			O								
<i>Alphitonia petriei</i>			P		P	P	R					P
<i>Alpinia arctiflora</i>												
<i>Alpinia caerulea</i>								O	O			
<i>Alstonia muelleriana</i>		O					R	C				
<i>Alyxia grandis</i>					R	R	O					
<i>Aphananthe philippinensis</i>		O										
<i>Archidendron ramiflora</i>												+
<i>Archirhodomyrtus beckleri</i>												
<i>Arytera pauciflora</i>			P									
<i>Atractocarpus fitzalani</i>												P
<i>Austrosteenisia stipularis</i>												
<i>Blechnum cartilagineum</i>												
<i>Blechnum orientale</i>								+				

Appendix 1.1 Weed Surveys Along the Chalumbin-Woree Road and Powerline Network

Site	Tower 10091 Bridle Creek				Tower 10096 Bridle Creek				Tower 10094 Bridle Creek			
	351336 E		8121985 N		353531 E		8121669 N					
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Breynia oblongifolia</i>			O									
<i>Breynia stipitata</i>		R										
<i>Buckinghamia celsissima</i>		P			P			P				
<i>Calamus australis</i>								+	O			
<i>Calamus caryotoides</i>							R			R	O	
<i>Calamus motii</i>												
<i>Caldcluvia australiensis</i>												
<i>Cardwellia sublimis</i>												
<i>Carex indica</i>		O							O			
<i>Carnarvonnia araliifolia</i>			R			R	P					
<i>Carronia pedicellata</i>						R						
<i>Castanospermum australe</i>												
<i>Centella asiatica</i>												
<i>Christella dentata</i>												
<i>Chrysopogon aciculatus</i>		O								O		
<i>Cissus hypoglauca</i>								R				
<i>Cissus penninervis</i>												
<i>Claoxylon tenerifolium</i>												
<i>Cleistanthus semiopacus</i>												P
<i>Clerodendrum longiflorum</i> var. <i>glabrum</i>								R				
<i>Coveniella poecilophlebia</i>									R			
<i>Cupaniopsis foveolata</i>										R		
<i>Cyathea cooperi</i>								R				
<i>Cyathea rebecca</i>												
<i>Cyperus polystachyos</i>					O							
<i>Cyperus sphacelatus</i>					O		C					
<i>Dalbergia densa</i>												
<i>Darlingia darlingiana</i>												
<i>Decaspermum humile</i>						R						
<i>Derris</i> sp. Daintree		O										
<i>Desmodium nemorosum</i>												
<i>Desmodium triflorum</i>	O											
<i>Dianella atraxis</i>												
<i>Dianella caerulea</i>		C					R					
<i>Dicranopteris linearis</i>												
<i>Digitaria parviflora</i>					C							
<i>Dioscorea transversa</i>		R										
<i>Drynaria rigidula</i>						O						
<i>Drypetes deplanchei</i>		O		O								
<i>Duboisia myoporoides</i>	R											

Site	Tower 10091 Bridle Creek				Tower 10096 Bridle Creek				Tower 10094 Bridle Creek			
	351336 E		8121985 N		353531 E		8121669 N					
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Elaeocarpus bancroftii</i>												
<i>Elaeocarpus grahamii</i>												
<i>Elaeocarpus grandis</i>			P		P							
<i>Embelia australiana</i>						O		R				
<i>Entolasia stricta</i>												
<i>Eragrostis elongata</i>					C							
<i>Eriachne</i> sp.				O								
<i>Euroschinus falcata</i>		O								O		
<i>Eustrephus latifolius</i>									O			
<i>Ficus congesta</i>					R			R				
<i>Ficus opposita</i>			O									
<i>Ficus septica</i>												
<i>Fimbristylis dichotoma</i>												
<i>Flagellaria indica</i>								+		C		
<i>Flindersia bourjotiana</i>					P				R			
<i>Flindersia pimenteliana</i>												
<i>Flindersia schottiana</i>	R											
<i>Gahnia aspera</i>				O		O		C				
<i>Gahnia sieberiana</i>												
<i>Gardenia ovularis</i>												
<i>Geitonoplesium cynosum</i>		O		O					O			
<i>Glochidion harveyanum</i>		O								R		
<i>Glochidion hylandii</i>						R						
<i>Glochidion sumatranum</i>			P			R						
<i>Gmelina fasciculiflora</i>							O					
<i>Grevillea baileyana</i>						R		R		R		P
<i>Guioa acutifolia</i>			P		P						O	
<i>Guioa lasioneura</i>												
<i>Hedycarya loxocarya</i>												
<i>Hibbertia scandens</i>							O	O				
<i>Homalium circumpinnatum</i>		O		O								
<i>Hypericum gramineum</i>					C							
<i>Hypserpa decumbens</i>												
<i>Hypserpa laurina</i>				R								+
<i>Ichnocarpus frutescens</i>	R			C					R	R		
<i>Imperata cylindrica</i>	C-D				O	C-D	O	C-D				+
<i>Ischaemum australe</i>												O
<i>Jagera dasyantha</i>												
<i>Jagera pseudorhus</i>		O		C			R					
<i>Jasminum didymum</i>	C	C		O					R	O		

Appendix 1.1 Weed Surveys Along the Chalumbin-Woree Road and Powerline Network

Site	Tower 10091 Bridle Creek				Tower 10096 Bridle Creek				Tower 10094 Bridle Creek			
	351336 E		8121985 N		353531 E		8121669 N					
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Leucopogon spathaceus</i>												+
<i>Ligustrum australianum</i>											O	
<i>Lindsaea brachypoda</i>												
<i>Litsea fawcettiana</i>				+								
<i>Litsea leefeana</i>												
<i>Lophostemon confertus</i>				O								
<i>Lophostemon suaveolens</i>				C								
<i>Lycopodiella cernua</i>												
<i>Lygodium reticulatum</i>												
<i>Macaranga involucreta</i>					P	O	C	R		O	R	
<i>Macaranga tanarius</i>					P	O						
<i>Maclura cochincinensis</i>											R	
<i>Maesa dependens</i>								+				
<i>Mallotus mollissimus</i>												
<i>Mallotus paniculatus</i>							O					
<i>Mallotus philippensis</i>		O									O	
<i>Maytenus fasciculiflora</i>			R									
<i>Melastoma affine</i>						C	C	C				
<i>Melicope elleryana</i>			P		P	P						
<i>Melicope xanthoxyloides</i>												
<i>Micromelum minutum</i>		O							R		C	
<i>Mischocarpus pyriformis</i>										R		
<i>Neolitsea dealbata</i>												
<i>Neosepicaea jucunda</i>												
<i>Omalthus novo-guineensis</i>		O				O						
<i>Pachygone ovata</i>										R	R	
<i>Palmeria scandens</i>												
<i>Pandanus monticola</i>								+				
<i>Parsonsia latifolia</i>							R					
<i>Paspalum scrobiculatum</i>		O			C							
<i>Passiflora</i> sp. Kuranda												
<i>Pavetta australiensis</i>		O	O									
<i>Piper novae-hollandiae</i>												
<i>Pittosporum venulosum</i>				+						O	O	
<i>Pittosporum wingii</i>												
<i>Placospermum coriaceum</i>					P							
<i>Polyalthia nitidissima</i>				R					R			
<i>Polyscias australiana</i>								R				
<i>Polyscias elegans</i>			O								O	
<i>Polyscias murrayi</i>												

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Site	Tower 10091 Bridle Creek				Tower 10096 Bridle Creek				Tower 10094 Bridle Creek			
	351336 E		8121985 N		353531 E		8121669 N					
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Pouteria chartacea</i>						O						
<i>Rapanea variabilis</i>												P
<i>Rhodomyrtus macrocarpa</i>									R			
<i>Ripogonum album</i>					R		O			O		
<i>Rubus moluccanus</i>								O				
<i>Rubus probus</i>												
<i>Salacia disepala</i>							R					
<i>Sarcopteryx martyana</i>												
<i>Sarcopteryx reticulata</i>												
<i>Scaevola enantophylla</i>												
<i>Schefflera actinophylla</i>												
<i>Scolopia braunii</i>									R			
<i>Sida cordifolia</i>	C		C								C	
<i>Smilax australis</i>		C					R	R		O		
<i>Stephania japonica</i>						R			R			
<i>Symplocos cochinchinensis</i>								R				
<i>Syzygium cormiflorum</i>					P							
<i>Syzygium papyraceum</i>					P							
<i>Syzygium tierneyanum</i>							P					
<i>Tabernaemontana pandacaqui</i>												
<i>Tarenna dallachiana</i>	R											
<i>Terminalia sericocarpa</i>			P		P	O						
<i>Tetracera daemeliana</i>												
<i>Tetracera nordtiana</i>								+				
<i>Themeda triandra</i>	D	D	D	D								
<i>Timonius timon</i>						R						
<i>Toona ciliata</i>											R	
<i>Tristaniopsis exiliflora</i>			P									
<i>Ventilago ecorollata</i>				+			R					
<i>Wikstroemia indica</i>	O	O								O		
<i>Xanthophyllum octandrum</i>		O										
<i>Xylopia maccreae</i>											R	
<i>Zanthoxylon ovalifolium</i>									R	R		

APPENDIX 1.1 (CONT'D)

Site	Tower 10109, Copperlode				Tower 10108, Copperlode				Tower 10104, Shoteel Creek			
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	C		O						O			
* <i>Arundo donax</i>												
* <i>Axonopus compressus</i>			C									
* <i>Axonopus fissifolius</i>									C		C	
* <i>Bidens pilosa</i>												
* <i>Brachiaria decumbens</i>												
* <i>Centratherum punctatum</i> var. <i>punctatum</i>		C										
* <i>Citrus limon</i>				R							C	
* <i>Conyza leucantha</i>												
* <i>Crotalaria goreensis</i>												
* <i>Crotalaria lanceolata</i>												
* <i>Cynodon dactylon</i>												
* <i>Cyperus aromaticus</i>		C-D	C-D	C								O
* <i>Emilia sonchifolia</i>												
* <i>Euphorbia hirta</i>												
* <i>Hyptis capitata</i>				R					C			
* <i>Hyptis suaveolens</i>												
* <i>Indigofera suffruticosa</i>												
* <i>Lantana camara camara</i>	O											
* <i>Macroptilium atropurpureum</i>											O	
* <i>Melinis minutiflora</i>	C-D		O	C-D						C-D	C-D	C-D
* <i>Melinis repens</i>												
* <i>Mimosa pudica</i>	C	C	C	C						C		
* <i>Mitracarpus hirtus</i>												
* <i>Panicum maximum</i>									C	C		
* <i>Paspalum conjugatum</i>									C			
* <i>Paspalum paniculatum</i>	C	C	C-D	C					C-D	C	C-D	C
* <i>Passiflora edulis</i>												
* <i>Passiflora foetida</i>												
* <i>Polygala paniculata</i>	C	C	C	C					C		O	
* <i>Praxelis clematidea</i>									O		O	
* <i>Richardia brasiliensis</i>												
* <i>Rubus alceifolius</i>					R					C	C	c-d
* <i>Scoparia dulcis</i>												
* <i>Sida rhombifolia</i>									O	C		
* <i>Solanum americanum</i>												
* <i>Solanum mauritianum</i>												
* <i>Solanum torvum</i>												

Site	Tower 10109, Copperlode				Tower 10108, Copperlode				Tower 10104, Shoteel Creek			
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Spermacoce latifolia</i>												
* <i>Sporobolus jacquemontii</i>		C							C-D		C	
* <i>Sporobolus jacquemontii</i>												
* <i>Stachytarpheta jamaicensis</i>	C	O	C	C					C-D	C-D	C-D	C-D
* <i>Stylosanthes humilis</i>		C		C					C			
* <i>Tagetes minuta</i>												
* <i>Tristemma mauritianum</i>	C	C	C	C								
* <i>Urena lobata</i>	C	C	C						O			
<i>Abrophyllum ornans</i>												
<i>Acacia celsa</i>	R			O	O					C	O	R
<i>Acacia polystachya</i>												
<i>Acacia simsii</i>		O		C						C		
<i>Agathis robusta</i>												
<i>Aleurites rockinghamensis</i>												
<i>Alloteropsis semialata</i>												
<i>Alphitonia excelsa</i>											R	
<i>Alphitonia incana</i>												
<i>Alphitonia petriei</i>	R		O	R						O	C	R
<i>Alpinia arctiflora</i>				O								
<i>Alpinia caerulea</i>												
<i>Alstonia muelleriana</i>	C	R		C	R					C		C
<i>Alyxia grandis</i>												
<i>Aphananthe philippinensis</i>												
<i>Archidendron ramiflora</i>												
<i>Archirhodomyrtus beckleri</i>			O									
<i>Arytera pauciflora</i>												
<i>Atractocarpus fitzalani</i>												
<i>Austrosteenisia stipularis</i>											O	
<i>Blechnum cartilagineum</i>			O							R		
<i>Blechnum orientale</i>										C		
<i>Breynia oblongifolia</i>												
<i>Breynia stipitata</i>	R											
<i>Buckinghamia celsissima</i>												
<i>Calamus australis</i>												C
<i>Calamus caryotoides</i>												
<i>Calamus motii</i>											C	
<i>Caldcluvia australiensis</i>	R		R	R								
<i>Cardwellia sublimis</i>												R
<i>Carex indica</i>												
<i>Carnarvonnia araliifolia</i>				R								R
<i>Carronia pedicellata</i>												

Appendix 1.1 Weed Surveys Along the Chalumbin-Woree Road and Powerline Network

Site	Tower 10109, Copperlode				Tower 10108, Copperlode				Tower 10104, Shoteel Creek			
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Castanospermum australe</i>												
<i>Centella asiatica</i>		R										
<i>Christella dentata</i>												
<i>Chrysopogon aciculatus</i>				C							C	D
<i>Cissus hypoglauca</i>	R											
<i>Cissus penninervis</i>				R								
<i>Claoxylon tenerifolium</i>												
<i>Cleistanthus semiopacus</i>												
<i>Clerodendrum longiflorum</i> var. <i>glabrum</i>												
<i>Coveniella poecilophlebia</i>												
<i>Cupaniopsis foveolata</i>												
<i>Cyathea cooperi</i>		O								O	C	
<i>Cyathea rebecca</i>	R		C								C	
<i>Cyperus polystachyos</i>												
<i>Cyperus sphacelatus</i>									C			
<i>Dalbergia densa</i>				C-D								
<i>Darlingia darlingiana</i>												
<i>Decaspermum humile</i>										O	R	
<i>Derris</i> sp. <i>Daintree</i>												
<i>Desmodium nemorosum</i>												
<i>Desmodium triflorum</i>		C							C			
<i>Dianella atraxis</i>										O		R
<i>Dianella caerulea</i>												
<i>Dicranopteris linearis</i>	C	C		C-D	D					C-D	C-D	C-D
<i>Digitaria parviflora</i>												
<i>Dioscorea transversa</i>												
<i>Drynaria rigidula</i>												
<i>Drypetes deplanchei</i>												
<i>Duboisia myoporoides</i>												
<i>Elaeocarpus bancroftii</i>	R											
<i>Elaeocarpus grahamii</i>				R								
<i>Elaeocarpus grandis</i>												
<i>Embelia australiana</i>												
<i>Entolasia stricta</i>												C-D
<i>Eragrostis elongata</i>										C		
<i>Eriachne</i> sp.												
<i>Euroschinus falcata</i>												
<i>Eustrephus latifolius</i>												
<i>Ficus congesta</i>												
<i>Ficus opposita</i>												
<i>Ficus septica</i>												

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Site	Tower 10109, Copperlode				Tower 10108, Copperlode				Tower 10104, Shoteel Creek			
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Fimbristylis dichotoma</i>		R		C								
<i>Flagellaria indica</i>	R		O							O	O	O
<i>Flindersia bourjotiana</i>										P		
<i>Flindersia pimenteliana</i>	R											
<i>Flindersia schottiana</i>												
<i>Gahnia aspera</i>												
<i>Gahnia sieberiana</i>	C		C-D	C-D	C				C	C	O	C-D
<i>Gardenia ovularis</i>				R							C-D	
<i>Geitonoplesium cynosum</i>												
<i>Glochidion harveyanum</i>												
<i>Glochidion hylandii</i>												
<i>Glochidion sumatranum</i>	O									R	O	
<i>Gmelina fasciculiflora</i>												
<i>Grevillea baileyana</i>					R					R	R	R
<i>Guioa acutifolia</i>												
<i>Guioa lasioneura</i>											O	
<i>Hedycarya loxocarya</i>				R						R		
<i>Hibbertia scandens</i>	C		O		R					O		
<i>Homalium circumpinnatum</i>												
<i>Hypericum gramineum</i>			C	O								
<i>Hypserpa decumbens</i>		O										
<i>Hypserpa laurina</i>			O							O		
<i>Ichnocarpus frutescens</i>	O											
<i>Imperata cylindrica</i>		C		C-D						C	C	
<i>Ischaemum australe</i>												
<i>Jagera dasyantha</i>										R		R
<i>Jagera pseudorhus</i>												
<i>Jasminum didymum</i>												
<i>Leucopogon spathaceus</i>												
<i>Ligustrum australianum</i>												
<i>Lindsaea brachypoda</i>			R									
<i>Litsea fawcettiana</i>												
<i>Litsea leefeana</i>			R									
<i>Lophostemon confertus</i>												
<i>Lophostemon suaveolens</i>												
<i>Lycopodiella cernua</i>	C	C	O	C-D	D				C-D	C-D		
<i>Lygodium reticulatum</i>	O	C	C	C-D					R	C		C
<i>Macaranga involucrata</i>												
<i>Macaranga tanarius</i>												
<i>Maclura cochincinesis</i>												
<i>Maesa dependens</i>		O		R								

Appendix 1.1 Weed Surveys Along the Chalumbin-Woree Road and Powerline Network

Site	Tower 10109, Copperlode				Tower 10108, Copperlode				Tower 10104, Shoteel Creek			
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Mallotus mollissimus</i>												
<i>Mallotus paniculatus</i>	R											R
<i>Mallotus philippensis</i>												
<i>Maytenus fasciculiflora</i>												
<i>Melastoma affine</i>										C	R	
<i>Melicope elleryana</i>												
<i>Melicope xanthoxyloides</i>		O										
<i>Micromelum minutum</i>												
<i>Mischocarpus pyriformis</i>												
<i>Neolitsea dealbata</i>	R											
<i>Neosepicaea jucunda</i>	R			C					R			
<i>Omalanthus novo-guineensis</i>										O		
<i>Pachygone ovata</i>												
<i>Palmeria scandens</i>					R							
<i>Pandanus monticola</i>												
<i>Parsonsia latifolia</i>	C	C	O	C	C				O		C	
<i>Paspalum scrobiculatum</i>	D	D	D	C								
<i>Passiflora</i> sp. Kuranda				R								
<i>Pavetta australiensis</i>												
<i>Piper novae-hollandiae</i>	R											
<i>Pittosporum venulosum</i>												
<i>Pittosporum wingii</i>												R
<i>Placospermum coriaceum</i>										R	R	R
<i>Polyalthia nitidissima</i>												
<i>Polyscias australiana</i>	O		C									O
<i>Polyscias elegans</i>											O	O
<i>Polyscias murrayi</i>												
<i>Pouteria chartacea</i>												
<i>Rapanea variabilis</i>												
<i>Rhodomyrtus macrocarpa</i>												
<i>Ripogonum album</i>									R			
<i>Rubus moluccanus</i>	C											O
<i>Rubus probus</i>				O							O	
<i>Salacia disepala</i>												
<i>Sarcopteryx martyana</i>				R								
<i>Sarcopteryx reticulata</i>												
<i>Scaevola enantophylla</i>	O	C										
<i>Schefflera actinophylla</i>										O	O	
<i>Scolopia braunii</i>												
<i>Sida cordifolia</i>												
<i>Smilax australis</i>											O	C

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Site	Tower 10109, Copperlode				Tower 10108, Copperlode				Tower 10104, Shoteel Creek			
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Stephania japonica</i>												
<i>Symplocos cochinchinensis</i>												
<i>Syzygium cormiflorum</i>										P		
<i>Syzygium papyraceum</i>												
<i>Syzygium tierneyanum</i>												
<i>Tabernaemontana pandacaqui</i>												R
<i>Tarenna dallachiana</i>	O											
<i>Terminalia sericocarpa</i>												
<i>Tetracera daemeliana</i>	O	C										
<i>Tetracera nordtiana</i>										O		
<i>Themeda triandra</i>												
<i>Timonius timon</i>												
<i>Toona ciliata</i>												
<i>Tristaniopsis exiliflora</i>												
<i>Ventilago ecorollata</i>												
<i>Wikstroemia indica</i>												
<i>Xanthophyllum octandrum</i>												
<i>Xylopia maccreae</i>												
<i>Zanthoxylon ovalifolium</i>												

APPENDIX 1.1 (CONT'D)

Site	Tower 10103, Shoteel Creek			
	Abundance Rank			
Species	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	C-D	C-D	C-D	D
* <i>Arundo donax</i>				
* <i>Axonopus compressus</i>			O	
* <i>Axonopus fissifolius</i>				
* <i>Bidens pilosa</i>				
* <i>Brachiaria decumbens</i>	D	D	D	D
* <i>Centratherum punctatum</i> var. <i>punctatum</i>				
* <i>Citrus limon</i>				
* <i>Conyza leucantha</i>				
* <i>Crotalaria goreensis</i>				
* <i>Crotalaria lanceolata</i>				
* <i>Cynodon dactylon</i>				
* <i>Cyperus aromaticus</i>				
* <i>Emilia sonchifolia</i>			R	
* <i>Euphorbia hirta</i>				
* <i>Hyptis capitata</i>		C-D		C
* <i>Hyptis suaveolens</i>			C	
* <i>Indigofera suffruticosa</i>				
* <i>Lantana camara camara</i>		C		D
* <i>Macroptilium atropurpureum</i>				
* <i>Melinis minutiflora</i>			C-D	D
* <i>Melinis repens</i>				
* <i>Mimosa pudica</i>	C		C	
* <i>Mitracarpus hirtus</i>			O	
* <i>Panicum maximum</i>				
* <i>Paspalum conjugatum</i>				
* <i>Paspalum paniculatum</i>	C	C	C-D	D
* <i>Passiflora edulis</i>				
* <i>Passiflora foetida</i>				
* <i>Polygala paniculata</i>		C		
* <i>Praxelis clematidea</i>				
* <i>Richardia brasiliensis</i>				
* <i>Rubus alceifolius</i>		C		C
* <i>Scoparia dulcis</i>	C	C	C	C
* <i>Sida rhombifolia</i>	O			
* <i>Solanum americanum</i>				
* <i>Solanum mauritianum</i>		R	R	C
* <i>Solanum torvum</i>				

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Site	Tower 10103, Shoteel Creek			
	Abundance Rank			
Species	0-5	5-10	10-20	20-30
* <i>Spermacoce latifolia</i>				
* <i>Sporobolus jacquemontii</i>				
* <i>Sporobolus jacquemontii</i>				
* <i>Stachytarpheta jamaicensis</i>	C	C	C	C-D
* <i>Stylosanthes humilis</i>				
* <i>Tagetes minuta</i>				
* <i>Tristemma mauritianum</i>				
* <i>Urena lobata</i>		C	C	
<i>Abrophyllum ornans</i>				O
<i>Acacia celsa</i>		O	O	
<i>Acacia polystachya</i>				
<i>Acacia simsii</i>				
<i>Agathis robusta</i>				
<i>Aleurites rockinghamensis</i>				R
<i>Alloteropsis semialata</i>				
<i>Alphitonia excelsa</i>				
<i>Alphitonia incana</i>				
<i>Alphitonia petriei</i>	R		R	
<i>Alpinia arctiflora</i>				
<i>Alpinia caerulea</i>				O
<i>Alstonia muelleriana</i>				
<i>Alyxia grandis</i>				
<i>Aphananthe philippinensis</i>				
<i>Archidendron ramiflora</i>				
<i>Archirhodomyrtus beckleri</i>				
<i>Arytera pauciflora</i>				
<i>Atractocarpus fitzalani</i>				
<i>Austrosteenisia stipularis</i>				
<i>Blechnum cartilagineum</i>				
<i>Blechnum orientale</i>				
<i>Breynia oblongifolia</i>				
<i>Breynia stipitata</i>				
<i>Buckinghamia celsissima</i>				
<i>Calamus australis</i>				
<i>Calamus caryotoides</i>				
<i>Calamus motii</i>				
<i>Caldcluvia australiensis</i>				
<i>Cardwellia sublimis</i>				
<i>Carex indica</i>				
<i>Carnarvonina araliifolia</i>				
<i>Carronia pedicellata</i>				R

Appendix 1.1 Weed Surveys Along the Chalumbin-Woree Road and Powerline Network

Site	Tower 10103, Shoteel Creek			
	Abundance Rank			
Species	0-5	5-10	10-20	20-30
<i>Castanospermum australe</i>			R	
<i>Centella asiatica</i>	C			
<i>Christella dentata</i>		R		
<i>Chrysopogon aciculatus</i>				
<i>Cissus hypoglauca</i>				
<i>Cissus penninervis</i>				
<i>Claoxylon tenerifolium</i>		R		
<i>Cleistanthus semiopacus</i>				
<i>Clerodendrum longiflorum</i> var. <i>glabrum</i>				
<i>Coveniella poecilophlebia</i>				
<i>Cupaniopsis foveolata</i>				
<i>Cyathea cooperi</i>				R
<i>Cyathea rebecca</i>				
<i>Cyperus polystachyos</i>				
<i>Cyperus sphacelatus</i>				
<i>Dalbergia densa</i>				
<i>Darlingia darlingiana</i>			R	
<i>Decaspermum humile</i>				
<i>Derris</i> sp. Daintree				
<i>Desmodium nemorosum</i>				
<i>Desmodium triflorum</i>				
<i>Dianella atraxis</i>				
<i>Dianella caerulea</i>				
<i>Dicranopteris linearis</i>	O			
<i>Digitaria parviflora</i>				
<i>Dioscorea transversa</i>				
<i>Drynaria rigidula</i>				
<i>Drypetes deplanchei</i>				
<i>Duboisia myoporoides</i>				
<i>Elaeocarpus bancroftii</i>				
<i>Elaeocarpus grahamii</i>				
<i>Elaeocarpus grandis</i>	R		R	R
<i>Embelia australiana</i>				
<i>Entolasia stricta</i>				
<i>Eragrostis elongata</i>	C			
<i>Eriachne</i> sp.				
<i>Euroschinus falcata</i>				
<i>Eustrephus latifolius</i>				
<i>Ficus congesta</i>	R		O	
<i>Ficus opposita</i>				
<i>Ficus septica</i>		R		O

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Site	Tower 10103, Shoteel Creek			
	Abundance Rank			
Species	0-5	5-10	10-20	20-30
<i>Fimbristylis dichotoma</i>				
<i>Flagellaria indica</i>		R		
<i>Flindersia bourjotiana</i>				
<i>Flindersia pimenteliana</i>				
<i>Flindersia schottiana</i>				
<i>Gahnia aspera</i>				
<i>Gahnia sieberiana</i>				
<i>Gardenia ovularis</i>				
<i>Geitonoplesium cynosum</i>				
<i>Glochidion harveyanum</i>		O		R
<i>Glochidion hylandii</i>				
<i>Glochidion sumatranum</i>			O	O
<i>Gmelina fasciculiflora</i>				
<i>Grevillea baileyana</i>				
<i>Guioa acutifolia</i>				
<i>Guioa lasioneura</i>		R	R	
<i>Hedycarya loxocarya</i>				
<i>Hibbertia scandens</i>			O	
<i>Homalium circumpinnatum</i>				
<i>Hypericum gramineum</i>				
<i>Hypserpa decumbens</i>				
<i>Hypserpa laurina</i>				
<i>Ichnocarpus frutescens</i>				
<i>Imperata cylindrica</i>				
<i>Ischaemum australe</i>				
<i>Jagera dasyantha</i>				
<i>Jagera pseudorhus</i>				
<i>Jasminum didymum</i>				
<i>Leucopogon spathaceus</i>				
<i>Ligustrum australianum</i>				
<i>Lindsaea brachypoda</i>				
<i>Litsea fawcettiana</i>			R	
<i>Litsea leefeana</i>				
<i>Lophostemon confertus</i>				
<i>Lophostemon suaveolens</i>				
<i>Lycopodiella cernua</i>				
<i>Lygodium reticulatum</i>				
<i>Macaranga involucreta</i>		O		
<i>Macaranga tanarius</i>				
<i>Maclura cochincinensis</i>				
<i>Maesa dependens</i>				
<i>Mallotus mollissimus</i>	R			

Appendix 1.1 Weed Surveys Along the Chalumbin-Woree Road and Powerline Network

Site	Tower 10103, Shoteel Creek			
	Abundance Rank			
Species	0-5	5-10	10-20	20-30
<i>Mallotus paniculatus</i>		R	O	
<i>Mallotus philippensis</i>				
<i>Maytenus fasciculiflora</i>				
<i>Melastoma affine</i>				
<i>Melicope elleryana</i>				
<i>Melicope xanthoxyloides</i>				
<i>Micromelum minutum</i>				
<i>Mischocarpus pyriformis</i>				
<i>Neolitsea dealbata</i>	R			
<i>Neosepicaea jucunda</i>				
<i>Omalanthus novo-guineensis</i>		C	C	O
<i>Pachygone ovata</i>				
<i>Palmeria scandens</i>				
<i>Pandanus monticola</i>				
<i>Parsonsia latifolia</i>				
<i>Paspalum scrobiculatum</i>	C-D			
<i>Passiflora</i> sp. Kuranda				R
<i>Pavetta australiensis</i>				
<i>Piper novae-hollandiae</i>				
<i>Pittosporum venulosum</i>				
<i>Pittosporum wingii</i>				
<i>Placospermum coriaceum</i>				
<i>Polyalthia nitidissima</i>				
<i>Polyscias australiana</i>	R		O	
<i>Polyscias elegans</i>		R	R	R
<i>Polyscias murrayi</i>				
<i>Pouteria chartacea</i>				
<i>Rapanea variabilis</i>				
<i>Rhodomyrtus macrocarpa</i>				
<i>Ripogonum album</i>				
<i>Rubus moluccanus</i>		O		D
<i>Rubus probus</i>				
<i>Salacia disepala</i>				
<i>Sarcopteryx martyana</i>				
<i>Sarcopteryx reticulata</i>		R	R	
<i>Scaevola enantophylla</i>				
<i>Schefflera actinophylla</i>				
<i>Scolopia braunii</i>				
<i>Sida cordifolia</i>				
<i>Smilax australis</i>	O	O		
<i>Stephania japonica</i>				

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Site	Tower 10103, Shoteel Creek			
	Abundance Rank			
Species	0-5	5-10	10-20	20-30
<i>Symplocos ochinchinensis</i>	R			
<i>Syzygium cormiflorum</i>				
<i>Syzygium papyraceum</i>				
<i>Syzygium tierneyanum</i>				
<i>Tabernaemontana pandacaqui</i>				
<i>Tarenna dallachiana</i>				
<i>Terminalia sericocarpa</i>				
<i>Tetracera daemeliana</i>				
<i>Tetracera nordtiana</i>			O	
<i>Themeda triandra</i>				
<i>Timonius timon</i>				
<i>Toona ciliata</i>				
<i>Tristaniopsis exiliflora</i>				
<i>Ventilago ecorollata</i>				
<i>Wikstroemia indica</i>				
<i>Xanthophyllum octandrum</i>				
<i>Xylopia maccreae</i>				
<i>Zanthoxylon ovalifolium</i>				

APPENDIX 1.2

WEEDS SURVEYS ALONG THE PALMERSTON ROAD AND POWERLINE NETWORK

Key D = Dominant
 C = Common
 O = Occasional
 R = Rare
 + = Incidental occurrence nearby
 * = Denotes a weed species

Site	Powerline Cross1, K-tree				Powerline, K-Tree, Fossick				K-tree, Jordan Creek Turnoff			
	368996 E		8052377 N		366786 E		8051177 N		366322E		8050542 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>		O	O					+		C-D	C-D	C
* <i>Arundina bambusaefolia</i>												
* <i>Axonopus compressus</i>												
* <i>Axonopus fissifolius</i>												
* <i>Bidens pilosa</i>												
* <i>Brachiaria decumbens</i>	D	O						R		O		O
* <i>Brachiaria mutica</i>												
* <i>Calyptocarpus vialis</i>								+				
* <i>Centrosema pubescens</i>												
* <i>Conyza leucantha</i>				+								
* <i>Crassocephalum crepidioides</i>				+				+		O	O	
* <i>Crotalaria lanceolata</i>					O	O	O	O				
* <i>Crotalaria pallida</i>				+								
* <i>Cyperus aromaticus</i>												O
* <i>Desmodium intortum</i>												
* <i>Desmodium uncinatum</i>				+				R			O	O
* <i>Dicrocephala integrifolia</i>												
* <i>Echinochloa colona</i>												
* <i>Eleusine indica</i>											R	
* <i>Emilia sonchifolia</i>				+				+				
* <i>Erechtites valerianifolia</i>										O		O
* <i>Hyptis capitata</i>									O			+
* <i>Ipomoea indica</i>												
* <i>Lantana camara camara</i>				C								
* <i>Macroptilium atropurpureum</i>												
* <i>Melinis minutiflora</i>		D	D					R				
* <i>Mimosa pudica</i>				+							O	
* <i>Mitracarpus hirtus</i>								+		C		

Site	Powerline Cross1, K-tree				Powerline, K-Tree, Fossick				K-tree, Jordan Creek Turnoff			
	368996 E		8052377 N		366786 E		8051177 N		366322E		8050542 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Oxalis corniculata</i>												
* <i>Panicum maximum</i>	O	C-D	C		D	D	D	D	D	C-D	C-D	O
* <i>Paspalum conjugatum</i>												
* <i>Paspalum paniculatum</i>												
* <i>Passiflora edulis</i>												
* <i>Phyllanthus amarus</i>												
* <i>Polygala paniculata</i>		O	O		O	O	O	O		C		
* <i>Richardia brasiliensis</i>												
* <i>Rubus alceifolius</i>				C					D		C	
* <i>Scoparia dulcis</i>												
* <i>Setaria sphacelata</i>												
* <i>Sida rhombifolia</i>									O			R
* <i>Sigesbeckia orientalis</i>												
* <i>Solanum americanum</i>												
* <i>Solanum mauritianum</i>												
* <i>Solanum torvum</i>												
* <i>Spermacoce latifolia</i>				+						C		
* <i>Sporobolus jacquemontii</i>											R	
* <i>Stylosanthes humilis</i>												
* <i>Synedrella nodiflora</i>												
* <i>Triumfetta rhomboidea</i>												
* <i>Urena lobata</i>												
<i>Acronychia acidula</i>								+				
<i>Adiantum hispidulum</i>												
<i>Aglaia meridionalis</i>												
<i>Alocasia brisbanensis</i>												
<i>Alphitonia petriei</i>				+		R						
<i>Alpinia arctiflora</i>												
<i>Alpinia caerulea</i>												
<i>Argyrodendron peralatum</i>												
<i>Austrosteenisia blackii</i>												
<i>Austrosteenisia stipularis</i>												
<i>Bacopa monnieri</i>												
<i>Blechnum orientale</i>				C								
<i>Bowenia spectabilis</i>			R									
<i>Breynia stipitata</i>			R	O								
<i>Caesalpinia traceyi</i>												
<i>Calamus australis</i>												
<i>Calamus motii</i>												
<i>Cardwellia sublimis</i>												

Appendix 1.2 Weed Surveys Along the Palmerston Road and Powerline Network

Site	Powerline Cross1, K-tree				Powerline, K-Tree, Fossick				K-tree, Jordan Creek Turnoff			
	368996 E		8052377 N		366786 E		8051177 N		366322E		8050542 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Carnarvonnia araliifolia</i>												
<i>Centella asiatica</i>								+		C	C-D	C
<i>Christella dentata</i>									R		O	C
<i>Cissus vinosa</i>												
<i>Cryptocarya murrayi</i>												
<i>Cryptocarya oblata</i>												
<i>Cupaniopsis flagelliformis</i>												
<i>Cyathea cooperi</i>								+				O
<i>Cyperus difformis</i>												
<i>Cyperus pilosus</i>												
<i>Cyperus polystachyos</i>										O		
<i>Cyperus sp.</i>												
<i>Cyperus sphacelatus</i>												
<i>Cyrtococcum oxyphyllum</i>												+
<i>Dendrocnide photinophylla</i>												
<i>Desmodium triflorum</i>												
<i>Dicranopteris linearis</i>												
<i>Dienia montana</i>												
<i>Drymaria cordata</i>												
<i>Eclipta prostrata</i>												
<i>Elaeocarpus grandis</i>										R		
<i>Eragrostis unioloides</i>											R	
<i>Faradaya splendida</i>												
<i>Ficus congesta</i>												
<i>Ficus copiosa</i>												
<i>Ficus hispida</i>												
<i>Ficus septica</i>												
<i>Fimbristylis dichotoma</i>												
<i>Flagellaria indica</i>												
<i>Flindersia bourjotiana</i>				R								
<i>Flindersia brayleyana</i>								+				
<i>Freycinetia scandens</i>												R
<i>Gahnia sieberiana</i>												
<i>Geissois biagiana</i>											R	R
<i>Glochidion hylandii</i>												
<i>Hypericum gramineum</i>												
<i>Imperata cylindrica</i>		R	C									
<i>Ludwigia octovalvis</i>											O	R
<i>Lycopodiella cernua</i>										C	C	C
<i>Mallotus paniculatus</i>												

Site	Powerline Cross1, K-tree				Powerline, K-Tree, Fossick				K-tree, Jordan Creek Turnoff			
	368996 E		8052377 N		366786 E		8051177 N		366322E		8050542 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Melastoma affine</i>												
<i>Melicope elleryana</i>				O								
<i>Microlepia speluncae</i>												
<i>Mucuna gigantea</i>												
<i>Neolitsea dealbata</i>												
<i>Nephrolepis cordifolia</i>												
<i>Omalanthus novo-guineensis</i>				O				+	O	R	D	
<i>Oplismenus compositus</i>												
<i>Oplismenus hirtellus</i>												
<i>Otanthera bracteata</i>										C-D	C-D	D
<i>Palmeria scandens</i>												R
<i>Paspalum scrobiculatum</i>												
<i>Piper caninum</i>												
<i>Pollia macrophylla</i>												
<i>Polyscias elegans</i>								+				
<i>Polyscias murrayi</i>								+				
<i>Pteridium esculentum</i>												
<i>Pteris tripartita</i>												
<i>Pullea stutzeri</i>												
<i>Rhodomyrtus pervagata</i>												
<i>Ripogonum album</i>												
<i>Rubus moluccanus</i>												
<i>Rubus probus</i>				O					O		O	
<i>Scaevola enantophylla</i>												
<i>Solanum dallachii</i>												
<i>Spermacoce latifolia</i>				+				+				
<i>Stephania japonica</i>												
<i>Tetrastigma nitens</i>												
<i>Tetrasynandra laxiflora</i>												
<i>Toechima erythrocarpum</i>												
<i>Vernonia cinerea</i>										O		
<i>Xanthophyllum octandrum</i>				R								
<i>Zehneria cunninghamii</i>												

APPENDIX 1.2 (CONT'D)

Site	K-tree, Log-Dump Creek				Maple Creek, Downey Ck				Maple Creek, Creek1 Clearing			
	365573E		8048631 N		364601 E		8046372 N		361893 E		8043777 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	D	C-D	C	C	C-D			+	C			
* <i>Arundina bambusaefolia</i>												
* <i>Axonopus compressus</i>												
* <i>Axonopus fissifolius</i>												
* <i>Bidens pilosa</i>								+				
* <i>Brachiaria decumbens</i>		O	O		D	D	D	D				
* <i>Brachiaria mutica</i>												
* <i>Calyptocarpus vialis</i>	O											
* <i>Centrosema pubescens</i>												
* <i>Conyza leucantha</i>												
* <i>Crassocephalum crepidioides</i>	O		O		C							
* <i>Crotalaria lanceolata</i>					C	O		+				
* <i>Crotalaria pallida</i>		R										
* <i>Cyperus aromaticus</i>												
* <i>Desmodium intortum</i>												
* <i>Desmodium uncinatum</i>												
* <i>Dicrocephala integrifolia</i>												
* <i>Echinochloa colona</i>												
* <i>Eleusine indica</i>												
* <i>Emilia sonchifolia</i>	C		C						R			
* <i>Erechtites valerianifolia</i>			R									
* <i>Hyptis capitata</i>												
* <i>Ipomoea indica</i>												
* <i>Lantana camara camara</i>								D				
* <i>Macroptilium atropurpureum</i>								+				
* <i>Melinis minutiflora</i>		O	O					C	C			
* <i>Mimosa pudica</i>												
* <i>Mitracarpus hirtus</i>	O		O		C			+				
* <i>Oxalis corniculata</i>												
* <i>Panicum maximum</i>	D	D	D	D		D	D	D	D	D	D	D
* <i>Paspalum conjugatum</i>												
* <i>Paspalum paniculatum</i>												
* <i>Passiflora edulis</i>												
* <i>Phyllanthus amarus</i>	C											
* <i>Polygala paniculata</i>	C		C		C-D				C			
* <i>Richardia brasiliensis</i>												
* <i>Rubus alceifolius</i>			C-D	O								

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Site	K-tree, Log-Dump Creek				Maple Creek, Downey Ck				Maple Creek, Creek1 Clearing			
	365573E		8048631 N		364601 E		8046372 N		361893 E		8043777 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Scoparia dulcis</i>												
* <i>Setaria sphacelata</i>												
* <i>Sida rhombifolia</i>												
* <i>Sigesbeckia orientalis</i>												
* <i>Solanum americanum</i>												
* <i>Solanum mauritianum</i>								+				
* <i>Solanum torvum</i>								+				
* <i>Spermacoce latifolia</i>												
* <i>Sporobolus jacquemontii</i>												
* <i>Stylosanthes humilis</i>												
* <i>Synedrella nodiflora</i>								+				
* <i>Triumfetta rhomboidea</i>												
* <i>Urena lobata</i>												
<i>Acronychia acidula</i>												
<i>Adiantum hispidulum</i>												
<i>Aglaiia meridionalis</i>												
<i>Alocasia brisbanensis</i>												
<i>Alphitonia petriei</i>												
<i>Alpinia arctiflora</i>												
<i>Alpinia caerulea</i>												
<i>Argyrodendron peralatum</i>												
<i>Austrosteenisia blackii</i>												
<i>Austrosteenisia stipularis</i>												
<i>Bacopa monnieri</i>												
<i>Blechnum orientale</i>												
<i>Bowenia spectabilis</i>												
<i>Breynia stipitata</i>												
<i>Caesalpinia traceyi</i>												
<i>Calamus australis</i>												
<i>Calamus motii</i>												
<i>Cardwellia sublimis</i>		R						+				
<i>Carnarvonina araliifolia</i>												
<i>Centella asiatica</i>	C-D	C-D	C		C							
<i>Christella dentata</i>												
<i>Cissus vinosa</i>												
<i>Cryptocarya murrayi</i>												
<i>Cryptocarya oblata</i>												
<i>Cupaniopsis flagelliformis</i>												
<i>Cyathea cooperi</i>	R											
<i>Cyperus difformis</i>												

Appendix 1.2 Weed Surveys Along the Palmerston Road and Powerline Network

Site	K-tree, Log-Dump Creek				Maple Creek, Downey Ck				Maple Creek, Creek1 Clearing			
	365573E		8048631 N		364601 E		8046372 N		361893 E		8043777 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Cyperus pilosus</i>												
<i>Cyperus polystachyos</i>												
<i>Cyperus</i> sp.												
<i>Cyperus sphacelatus</i>												
<i>Cyrtococcum oxyphyllum</i>												
<i>Dendrocnide photinophylla</i>												
<i>Desmodium triflorum</i>												
<i>Dicranopteris linearis</i>		O	C	O								
<i>Dienia montana</i>		R										
<i>Drymaria cordata</i>												
<i>Eclipta prostrata</i>		O							O			
<i>Elaeocarpus grandis</i>												
<i>Eragrostris unioloides</i>												
<i>Faradaya splendida</i>												
<i>Ficus congesta</i>										R		
<i>Ficus copiosa</i>												
<i>Ficus hispida</i>												
<i>Ficus septica</i>												
<i>Fimbristylis dichotoma</i>												
<i>Flagellaria indica</i>												
<i>Flindersia bourjotiana</i>												
<i>Flindersia brayleyana</i>												
<i>Freycinetia scandens</i>												
<i>Gahnia sieberiana</i>												
<i>Geissois biagiana</i>												
<i>Glochidion hylandii</i>									R			
<i>Hypericum gramineum</i>												
<i>Imperata cylindrica</i>												
<i>Ludwigia octovalvis</i>												
<i>Lycopodiella cernua</i>	C	C-D	C-D	O								
<i>Mallotus paniculatus</i>												
<i>Melastoma affine</i>												
<i>Melicope elleryana</i>												
<i>Microlepis speluncae</i>												
<i>Mucuna gigantea</i>									R			
<i>Neolitsea dealbata</i>												
<i>Nephrolepis cordifolia</i>												
<i>Omalthus novo-guineensis</i>												
<i>Oplismenus compositus</i>												

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Site	K-tree, Log-Dump Creek				Maple Creek, Downey Ck				Maple Creek, Creek1 Clearing			
	365573E		8048631 N		364601 E		8046372 N		361893 E		8043777 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Oplismenus hirtellus</i>												
<i>Otanthera bracteata</i>	R	O	O									
<i>Palmeria scandens</i>												
<i>Paspalum scrobiculatum</i>												
<i>Piper caninum</i>												
<i>Polia macrophylla</i>												
<i>Polyscias elegans</i>												
<i>Polyscias murrayi</i>												
<i>Pteridium esculentum</i>												
<i>Pteris tripartita</i>												
<i>Pullea stutzeri</i>												
<i>Rhodomirtus pervagata</i>												
<i>Ripogonum album</i>												
<i>Rubus moluccanus</i>												
<i>Rubus probus</i>												
<i>Scaevola enantophylla</i>												
<i>Solanum dallachii</i>												
<i>Spermacoce latifolia</i>					C-D							
<i>Stephania japonica</i>												
<i>Tetragymma nitens</i>												
<i>Tetrasynandra laxiflora</i>												
<i>Toechima erythrocarpum</i>												
<i>Vernonia cinerea</i>												
<i>Xanthophyllum octandrum</i>												
<i>Zehneria cunninghamii</i>												

APPENDIX 1.2 (CONT'D)

Site	Maple Creek, Major Rd Exit				Charappa Forestry Camp				Sutties Gap, Powerline			
	361607E		8041945 N		359066E		8042549 N		357957 E		8044652N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>					C	C	C	C				O
* <i>Arundina bambusaefolia</i>								+				
* <i>Axonopus compressus</i>												
* <i>Axonopus fissifolius</i>		O			R							
* <i>Bidens pilosa</i>												
* <i>Brachiaria decumbens</i>	C	D	D	D	D	D	D	D	D	C-D	D	D
* <i>Brachiaria mutica</i>										O		
* <i>Calyptocarpus vialis</i>												
* <i>Centrosema pubescens</i>						R						
* <i>Coryza leucantha</i>												
* <i>Crassocephalum crepidioides</i>							C	O				
* <i>Crotalaria lanceolata</i>					C	O	R	O				
* <i>Crotalaria pallida</i>												
* <i>Cyperus aromaticus</i>					C	O		C	C			
* <i>Desmodium intortum</i>												
* <i>Desmodium uncinatum</i>						R						
* <i>Dicrocephala integrifolia</i>												
* <i>Echinochloa colona</i>												
* <i>Eleusine indica</i>												
* <i>Emilia sonchifolia</i>					R				R			
* <i>Erechtites valerianifolia</i>												
* <i>Hyptis capitata</i>												
* <i>Ipomoea indica</i>												
* <i>Lantana camara camara</i>								+				O
* <i>Macroptilium atropurpureum</i>						C						
* <i>Melinis minutiflora</i>	C										D	C-D
* <i>Mimosa pudica</i>									C-D	C	C	C
* <i>Mitracarpus hirtus</i>												
* <i>Oxalis corniculata</i>							O					
* <i>Panicum maximum</i>				D	R	C	D	D	C-D	D	D	D
* <i>Paspalum conjugatum</i>												
* <i>Paspalum paniculatum</i>												
* <i>Passiflora edulis</i>												
* <i>Phyllanthus amarus</i>												
* <i>Polygala paniculata</i>	C				C	R	C	O	C	C	C	C
* <i>Richardia brasiliensis</i>					R							
* <i>Rubus alceifolius</i>												

Site	Maple Creek, Major Rd Exit				Charappa Forestry Camp				Sutties Gap, Powerline			
	361607E		8041945 N		359066E		8042549 N		357957 E		8044652N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Scoparia dulcis</i>												
* <i>Setaria sphacelata</i>					R				R		R	
* <i>Sida rhombifolia</i>												
* <i>Sigesbeckia orientalis</i>												
* <i>Solanum americanum</i>												
* <i>Solanum mauritianum</i>									R			
* <i>Solanum torvum</i>												
* <i>Spermacoce latifolia</i>												
* <i>Sporobolus jacquemontii</i>					R				R			O
* <i>Stylosanthes humilis</i>									R	C-D		
* <i>Synedrella nodiflora</i>												
* <i>Triumfetta rhomboidea</i>												
* <i>Urena lobata</i>										R		
<i>Acronychia acidula</i>												
<i>Adiantum hispidulum</i>												
<i>Aglaiia meridionalis</i>												
<i>Alocasia brisbanensis</i>												
<i>Alphitonia petriei</i>		R										
<i>Alpinia arctiflora</i>												
<i>Alpinia caerulea</i>												
<i>Argyrodendron peralatum</i>												
<i>Austrosteenisia blackii</i>											R	
<i>Austrosteenisia stipularis</i>												
<i>Bacopa monnieri</i>												
<i>Blechnum orientale</i>	R											O
<i>Bowenia spectabilis</i>												
<i>Breynia stipitata</i>												
<i>Caesalpinia traceyi</i>												
<i>Calamus australis</i>												
<i>Calamus motii</i>												
<i>Cardwellia sublimis</i>												
<i>Carnarvonnia araliifolia</i>												R
<i>Centella asiatica</i>					C		R					
<i>Christella dentata</i>												
<i>Cissus vinosa</i>												
<i>Cryptocarya murrayi</i>												
<i>Cryptocarya oblata</i>												
<i>Cupaniopsis flagelliformis</i>												
<i>Cyathea cooperi</i>									O			
<i>Cyperus difformis</i>										R		

Appendix 1.2 Weed Surveys Along the Palmerston Road and Powerline Network

Site	Maple Creek, Major Rd Exit				Charappa Forestry Camp				Sutties Gap, Powerline			
	361607E		8041945 N		359066E		8042549 N		357957 E		8044652N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Cyperus pilosus</i>									R			
<i>Cyperus polystachyos</i>	O									O		R
<i>Cyperus</i> sp.												
<i>Cyperus sphacelatus</i>												
<i>Cyrtococcum oxyphyllum</i>												
<i>Dendrocnide photinophylla</i>												
<i>Desmodium triflorum</i>					R		R					
<i>Dicranopteris linearis</i>	D	C-D										C-D
<i>Dienia montana</i>												
<i>Drymaria cordata</i>												
<i>Eclipta prostrata</i>												
<i>Elaeocarpus grandis</i>												
<i>Eragrostris unioloides</i>												
<i>Faradaya splendida</i>												
<i>Ficus congesta</i>												
<i>Ficus copiosa</i>									R			
<i>Ficus hispida</i>												
<i>Ficus septica</i>												
<i>Fimbristylis dichotoma</i>					R				D	C	C-D	C-D
<i>Flagellaria indica</i>												
<i>Flindersia bourjotiana</i>												
<i>Flindersia brayleyana</i>												
<i>Freycinetia scandens</i>												
<i>Gahnia sieberiana</i>												O
<i>Geissois biagiana</i>	R											R
<i>Glochidion hylandii</i>												R
<i>Hypericum gramineum</i>												
<i>Imperata cylindrica</i>			O					O	C			C
<i>Ludwigia octovalvis</i>												
<i>Lycopodiella cernua</i>	C		C						C			C
<i>Mallotus paniculatus</i>												
<i>Melastoma affine</i>									R			
<i>Melicope elleryana</i>												
<i>Microlepis speluncae</i>												
<i>Mucuna gigantea</i>												
<i>Neolitsea dealbata</i>												
<i>Nephrolepis cordifolia</i>												
<i>Omalanthus novo-guineensis</i>												
<i>Opismenus compositus</i>												

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Site	Maple Creek, Major Rd Exit				Charappa Forestry Camp				Sutties Gap, Powerline			
	361607E		8041945 N		359066E		8042549 N		357957 E		8044652N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Oplismenus hirtellus</i>												
<i>Otanthera bracteata</i>												
<i>Palmeria scandens</i>												
<i>Paspalum scrobiculatum</i>												
<i>Piper caninum</i>												
<i>Polia macrophylla</i>												
<i>Polyscias elegans</i>												
<i>Polyscias murrayi</i>												
<i>Pteridium esculentum</i>												
<i>Pteris tripartita</i>												
<i>Pullea stutzeri</i>												○
<i>Rhodomlytus pervagata</i>												
<i>Ripogonum album</i>												
<i>Rubus moluccanus</i>												
<i>Rubus probus</i>												
<i>Scaevola enantophylla</i>												
<i>Solanum dallachii</i>												
<i>Spermacoce latifolia</i>												
<i>Stephania japonica</i>												
<i>Tetrastigma nitens</i>												
<i>Tetrasynandra laxiflora</i>												
<i>Toechima erythrocarpum</i>												
<i>Vernonia cinerea</i>												
<i>Xanthophyllum octandrum</i>												
<i>Zehneria cunninghamii</i>												

APPENDIX 1.2 (CONT'D)

Site	Maalan Verge, 1st trap				Maalan Verge				Maalan, Log Dump			
					361757 E	8053271 N			361044 E	8053141 N		
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	C	C	O	C-D	C-D	C-D	C-D	C-D	C-D	C-D	C	C
* <i>Arundina bambusaefolia</i>												
* <i>Axonopus compressus</i>		R										
* <i>Axonopus fissifolius</i>			R		R							
* <i>Bidens pilosa</i>												
* <i>Brachiaria decumbens</i>					O							
* <i>Brachiaria mutica</i>												
* <i>Calyptocarpus vialis</i>	R											
* <i>Centrosema pubescens</i>												
* <i>Conyza leucantha</i>												
* <i>Crassocephalum crepidioides</i>			R		C	C	C	C				
* <i>Crotalaria lanceolata</i>												
* <i>Crotalaria pallida</i>												
* <i>Cyperus aromaticus</i>			O									
* <i>Desmodium intortum</i>												
* <i>Desmodium uncinatum</i>												
* <i>Dicrocephala integrifolia</i>	O			O								
* <i>Echinochloa colona</i>			R									
* <i>Eleusine indica</i>	R				R							
* <i>Emilia sonchifolia</i>			R		O		O		C			
* <i>Erechtites valerianifolia</i>			O	O				O				
* <i>Hyptis capitata</i>												
* <i>Ipomoea indica</i>												
* <i>Lantana camara camara</i>							C-D			C	C-D	
* <i>Macroptilium atropurpureum</i>												
* <i>Melinis minutiflora</i>												
* <i>Mimosa pudica</i>												
* <i>Mitracarpus hirtus</i>	C-D	O	O	C	D	C-D	C			C-D		
* <i>Oxalis corniculata</i>							C	C				
* <i>Panicum maximum</i>	R	O	O	O	C	C	C	C	O	D	D	D
* <i>Paspalum conjugatum</i>	R											
* <i>Paspalum paniculatum</i>			R									
* <i>Passiflora edulis</i>			R									
* <i>Phyllanthus amarus</i>	O		R	C	O		O			C-D		
* <i>Polygala paniculata</i>	C	C			C	C	C	C	C			
* <i>Richardia brasiliensis</i>												
* <i>Rubus alceifolius</i>								O	O		O	

Site	Maalan Verge, 1st trap				Maalan Verge				Maalan, Log Dump			
					361757 E	8053271 N			361044 E	8053141 N		
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Scoparia dulcis</i>		R										
* <i>Setaria sphacelata</i>												
* <i>Sida rhombifolia</i>	O		R	O								
* <i>Sigesbeckia orientalis</i>	C	O	O	O								
* <i>Solanum americanum</i>					R							
* <i>Solanum mauritianum</i>												
* <i>Solanum torvum</i>												
* <i>Spermacoce latifolia</i>												
* <i>Sporobolus jacquemontii</i>												
* <i>Stylosanthes humilis</i>												
* <i>Synedrella nodiflora</i>			O					O				
* <i>Triumfetta rhomboidea</i>												
* <i>Urena lobata</i>												
<i>Acronychia acidula</i>												
<i>Adiantum hispidulum</i>	O											
<i>Aglaiia meridionalis</i>												
<i>Alocasia brisbanensis</i>				R				R				
<i>Alphitonia petriei</i>										O		
<i>Alpinia arctiflora</i>	R		O	R								
<i>Alpinia caerulea</i>												
<i>Argyrodendron peralatum</i>												
<i>Austrosteenisia blackii</i>												
<i>Austrosteenisia stipularis</i>			R									
<i>Bacopa monnieri</i>												
<i>Blechnum orientale</i>												
<i>Bowenia spectabilis</i>	R		R									
<i>Breynia stipitata</i>												
<i>Caesalpinia traceyi</i>								R				
<i>Calamus australis</i>												
<i>Calamus motii</i>		O	O									
<i>Cardwellia sublimis</i>												
<i>Carnarvonina araliifolia</i>												
<i>Centella asiatica</i>	C-D			C			C	C	C			
<i>Christella dentata</i>	C			O	O		O	O				
<i>Cissus vinosa</i>	O											
<i>Cryptocarya murrayi</i>	O											
<i>Cryptocarya oblata</i>				R								
<i>Cupaniopsis flagelliformis</i>	R											
<i>Cyathea cooperi</i>								R				
<i>Cyperus difformis</i>												

Appendix 1.2 Weed Surveys Along the Palmerston Road and Powerline Network

Site	Maalan Verge, 1st trap				Maalan Verge				Maalan, Log Dump			
					361757 E	8053271 N			361044 E	8053141 N		
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Cyperus pilosus</i>												
<i>Cyperus polystachyos</i>												
<i>Cyperus</i> sp.												
<i>Cyperus sphacelatus</i>												
<i>Cyrtococcum oxyphyllum</i>												
<i>Dendrocnide photinophylla</i>												
<i>Desmodium triflorum</i>												
<i>Dicranopteris linearis</i>												
<i>Dienia montana</i>												
<i>Drymaria cordata</i>	C-D		C-D									
<i>Eclipta prostrata</i>					O		O	O				
<i>Elaeocarpus grandis</i>												
<i>Eragrostis unioides</i>												
<i>Faradaya splendida</i>												
<i>Ficus congesta</i>												
<i>Ficus copiosa</i>												
<i>Ficus hispida</i>												
<i>Ficus septica</i>												
<i>Fimbristylis dichotoma</i>												
<i>Flagellaria indica</i>			R									
<i>Flindersia bourjotiana</i>												
<i>Flindersia brayleyana</i>												
<i>Freycinetia scandens</i>												
<i>Gahnia sieberiana</i>												
<i>Geissois biagiana</i>												
<i>Glochidion hylandii</i>												
<i>Hypericum gramineum</i>												
<i>Imperata cylindrica</i>												
<i>Ludwigia octovalvis</i>												
<i>Lycopodiella cernua</i>												
<i>Mallotus paniculatus</i>												
<i>Melastoma affine</i>												
<i>Melicope elleryana</i>												
<i>Microlepis speluncae</i>				R								
<i>Mucuna gigantea</i>												
<i>Neolitsea dealbata</i>				R								
<i>Nephrolepis cordifolia</i>												
<i>Omalanthus novo-guineensis</i>		R				R	O	O				
<i>Opismenus compositus</i>	C	C-D	C-D									
<i>Opismenus hirtellus</i>		C-D										

Site	Maalan Verge, 1st trap				Maalan Verge				Maalan, Log Dump			
					361757 E	8053271 N			361044 E	8053141 N		
	Abundance Rank				Abundance Rank				Abundance Rank			
Species	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Otanthera bracteata</i>												
<i>Palmeria scandens</i>												
<i>Paspalum scrobiculatum</i>	O			O								
<i>Piper caninum</i>			R	O								
<i>Pollia macrophylla</i>	C-D	C-D	C-D	C								
<i>Polyscias elegans</i>			R									
<i>Polyscias murrayi</i>												
<i>Pteridium esculentum</i>												
<i>Pteris tripartita</i>												
<i>Pullea stutzeri</i>												
<i>Rhodomyrtus pervagata</i>												
<i>Ripogonum album</i>	O		O									
<i>Rubus moluccanus</i>								C				
<i>Rubus probus</i>												
<i>Scaevola enantophylla</i>												
<i>Solanum dallachii</i>			R									
<i>Spermacoce latifolia</i>												
<i>Stephania japonica</i>		R	O	O								
<i>Tetrastigma nitens</i>												
<i>Tetrasynandra laxiflora</i>	O		O									
<i>Toechima erythrocarpum</i>			R									
<i>Vernonia cinerea</i>												
<i>Xanthophyllum octandrum</i>												
<i>Zehneria cunninghamii</i>		R										

APPENDIX 1.2 (CONT'D)

Site	Maalan, Powerline 1				Maalan, Powerline 2 KI55				Maalan, Powerline 3			
	360875 E		8052605 N		360042 E		8050941 N		359598 E		8050319 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	O	O			O		C	C	C	C	C	
* <i>Arundina bambusaefolia</i>												
* <i>Axonopus compressus</i>												
* <i>Axonopus fissifolius</i>												
* <i>Bidens pilosa</i>	+											
* <i>Brachiaria decumbens</i>	C-D								C			
* <i>Brachiaria mutica</i>												
* <i>Calyptocarpus vialis</i>												
* <i>Centrosema pubescens</i>												
* <i>Conyza leucantha</i>							O			C		
* <i>Crassocephalum crepidioides</i>	R								+			
* <i>Crotalaria lanceolata</i>												
* <i>Crotalaria pallida</i>	+											
* <i>Cyperus aromaticus</i>												
* <i>Desmodium intortum</i>												
* <i>Desmodium uncinatum</i>												
* <i>Dicrocephala integrifolia</i>												
* <i>Echinochloa colona</i>												
* <i>Eleusine indica</i>												
* <i>Emilia sonchifolia</i>	O											
* <i>Erechtites valerianifolia</i>												
* <i>Hyptis capitata</i>												
* <i>Ipomoea indica</i>												
* <i>Lantana camara camara</i>	D	D	D	D			O				D	D
* <i>Macroptilium atropurpureum</i>												
* <i>Melinis minutiflora</i>			O	C-D	C	O	D	D				
* <i>Mimosa pudica</i>												
* <i>Mitracarpus hirtus</i>	O											
* <i>Oxalis corniculata</i>												
* <i>Panicum maximum</i>	D	C-D	D	C-D	D	D	D	D	D	D	D	D
* <i>Paspalum conjugatum</i>												
* <i>Paspalum paniculatum</i>												
* <i>Passiflora edulis</i>												
* <i>Phyllanthus amarus</i>	O											

Site	Maalan, Powerline1				Maalan, Powerline 2 KI55				Maalan, :Powerline 3			
	360875 E		8052605 N		360042 E		8050941 N		359598 E		8050319 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Polygala paniculata</i>	O				C	O	O	C	C	C	C	
* <i>Richardia brasiliensis</i>												
* <i>Rubus alceifolius</i>		C	C	C				C				
* <i>Scoparia dulcis</i>												
* <i>Setaria sphacelata</i>												
* <i>Sida rhombifolia</i>												
* <i>Sigesbeckia orientalis</i>												
* <i>Solanum americanum</i>												
* <i>Solanum mauritianum</i>		R		R								
* <i>Solanum torvum</i>												
* <i>Spermacoce latifolia</i>												
* <i>Sporobolus jacquemontii</i>												
* <i>Stylosanthes humilis</i>												
* <i>Synedrella nodiflora</i>												
* <i>Triumfetta rhomboidea</i>												
* <i>Urena lobata</i>					R							
<i>Acronychia acidula</i>												
<i>Adiantum hispidulum</i>												
<i>Aglaiia meridionalis</i>												
<i>Alocasia brisbanensis</i>												
<i>Alphitonia petriei</i>				+								
<i>Alpinia arctiflora</i>												
<i>Alpinia caerulea</i>												
<i>Argyrodendron peralatum</i>												
<i>Austrosteenisia blackii</i>												
<i>Austrosteenisia stipularis</i>												
<i>Bacopa monnieri</i>												
<i>Blechnum orientale</i>						O	O					
<i>Bowenia spectabilis</i>				O	O		O	O			R	
<i>Breynia stipitata</i>												
<i>Caesalpinia traceyi</i>												
<i>Calamus australis</i>												
<i>Calamus motii</i>												
<i>Cardwellia sublimis</i>				+								
<i>Carnarvonnia araliifolia</i>												
<i>Centella asiatica</i>												
<i>Christella dentata</i>												
<i>Cissus vinosa</i>												

Appendix 1.2 Weed Surveys Along the Palmerston Road and Powerline Network

Site	Maalan, Powerline1				Maalan, Powerline 2 KI55				Maalan, :Powerline 3			
	360875 E		8052605 N		360042 E		8050941 N		359598 E		8050319 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Cryptocarya murrayi</i>												
<i>Cryptocarya oblata</i>												
<i>Cupaniopsis flagelliformis</i>												
<i>Cyathea cooperi</i>						R	R					
<i>Cyperus difformis</i>												
<i>Cyperus pilosus</i>												
<i>Cyperus polystachyos</i>												
<i>Cyperus sp.</i>												
<i>Cyperus sphacelatus</i>												
<i>Cyrtococcum oxyphyllum</i>												
<i>Dendrocnide photinophylla</i>												
<i>Desmodium triflorum</i>										O	O	
<i>Dicranopteris linearis</i>												
<i>Dienia montana</i>												
<i>Drymaria cordata</i>												
<i>Eclipta prostrata</i>												
<i>Elaeocarpus grandis</i>												
<i>Eragrostis unioloides</i>												
<i>Faradaya splendida</i>												
<i>Ficus congesta</i>												
<i>Ficus copiosa</i>												
<i>Ficus hispida</i>												
<i>Ficus septica</i>												
<i>Fimbristylis dichotoma</i>												
<i>Flagellaria indica</i>												
<i>Flindersia bourjotiana</i>												
<i>Flindersia brayleyana</i>												
<i>Freycinetia scandens</i>												
<i>Gahnia sieberiana</i>												
<i>Geissois biagiana</i>												
<i>Glochidion hylandii</i>												
<i>Hypericum gramineum</i>												
<i>Imperata cylindrica</i>											O	
<i>Ludwigia octovalvis</i>												
<i>Lycopodiella cernua</i>												
<i>Mallotus paniculatus</i>												+
<i>Melastoma affine</i>												
<i>Melicope elleryana</i>												

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Site	Maalan, Powerline1				Maalan, Powerline 2 KI55				Maalan, :Powerline 3			
	360875 E		8052605 N		360042 E		8050941 N		359598 E		8050319 N	
Species	Abundance Rank				Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Microlepidia speluncae</i>												
<i>Mucuna gigantea</i>												
<i>Neolitsea dealbata</i>												
<i>Nephrolepis cordifolia</i>												
<i>Omalanthus novo-guineensis</i>												
<i>Oplismenus compositus</i>												
<i>Oplismenus hirtellus</i>												
<i>Otanthra bracteata</i>												
<i>Palmeria scandens</i>												
<i>Paspalum scrobiculatum</i>												
<i>Piper caninum</i>												
<i>Pollia macrophylla</i>												
<i>Polyscias elegans</i>												
<i>Polyscias murrayi</i>												
<i>Pteridium esculentum</i>					C	C	C	C				
<i>Pteris tripartita</i>												
<i>Pullea stutzeri</i>												
<i>Rhodomyrtus pervagata</i>												
<i>Ripogonum album</i>												
<i>Rubus moluccanus</i>			O	O								
<i>Rubus probus</i>	+					O	C					
<i>Scaevola enantophylla</i>							O					
<i>Solanum dallachii</i>												
<i>Spermacoce latifolia</i>	+								+			
<i>Stephania japonica</i>												
<i>Tetrastigma nitens</i>								R				
<i>Tetrasynandra laxiflora</i>												
<i>Toechima erythrocarpum</i>												
<i>Vernonia cinerea</i>												
<i>Xanthophyllum octandrum</i>												
<i>Zehneria cunninghamii</i>												

APPENDIX 1.2 (CONT'D)

Site	Maalan, Wide Verge Site1				Maalan, Quarry			
	357393E		8053072 N					
Species	Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Ageratum conyzoides</i>	D	D	D	D	C	C	C	C
* <i>Arundina bambusaefolia</i>								
* <i>Axonopus compressus</i>								
* <i>Axonopus fissifolius</i>								
* <i>Bidens pilosa</i>								
* <i>Brachiaria decumbens</i>	C		O	O	C-D	C-D		
* <i>Brachiaria mutica</i>								
* <i>Calyptocarpus vialis</i>	O	C						
* <i>Centrosema pubescens</i>								
* <i>Conyza leucantha</i>					C			
* <i>Crassocephalum crepidioides</i>	D		D	D	C	C		
* <i>Crotalaria lanceolata</i>								
* <i>Crotalaria pallida</i>					O			
* <i>Cyperus aromaticus</i>					O			
* <i>Desmodium intortum</i>								
* <i>Desmodium uncinatum</i>								
* <i>Dicrocephala integrifolia</i>								
* <i>Echinochloa colona</i>								
* <i>Eleusine indica</i>	O	O	O					
* <i>Emilia sonchifolia</i>								
* <i>Erechtites valerianifolia</i>								
* <i>Hyptis capitata</i>								
* <i>Ipomoea indica</i>					O	O		
* <i>Lantana camara camara</i>	D	D	D	D	O	O		D
* <i>Macroptilium atropurpureum</i>								
* <i>Melinis minutiflora</i>					D	D		
* <i>Mimosa pudica</i>					O			
* <i>Mitracarpus hirtus</i>								
* <i>Oxalis corniculata</i>	O	O	O		O			
* <i>Panicum maximum</i>	C	C	C	C			O	
* <i>Paspalum conjugatum</i>								
* <i>Paspalum paniculatum</i>								
* <i>Passiflora edulis</i>								
* <i>Phyllanthus amarus</i>	C				O			
* <i>Polygala paniculata</i>	C	C	C	D	C			
* <i>Richardia brasiliensis</i>								
* <i>Rubus alceifolius</i>								

Site	Maalan, Wide Verge Site1				Maalan, Quarry			
	357393E		8053072 N					
Species	Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
* <i>Scoparia dulcis</i>								
* <i>Setaria sphacelata</i>								
* <i>Sida rhombifolia</i>			O					
* <i>Sigesbeckia orientalis</i>				+	O			
* <i>Solanum americanum</i>	O		O	O	O			
* <i>Solanum mauritianum</i>								
* <i>Solanum torvum</i>								
* <i>Spermacoce latifolia</i>								
* <i>Sporobolus jacquemontii</i>				R				
* <i>Stylosanthes humilis</i>					O	O		
* <i>Synedrella nodiflora</i>								
* <i>Triumfetta rhomboidea</i>					R			
* <i>Urena lobata</i>								
<i>Acronychia acidula</i>								
<i>Adiantum hispidulum</i>								
<i>Aglaiia meridionalis</i>	R							
<i>Alocasia brisbanensis</i>					O			
<i>Alphitonia petriei</i>								
<i>Alpinia arctiflora</i>								
<i>Alpinia caerulea</i>					O			
<i>Argyrodendron peralatum</i>	O							
<i>Austrosteenisia blackii</i>								
<i>Austrosteenisia stipularis</i>								
<i>Bacopa monnieri</i>					O			
<i>Blechnum orientale</i>						O		O
<i>Bowenia spectabilis</i>								
<i>Breynia stipitata</i>								
<i>Caesalpinia traceyi</i>								
<i>Calamus australis</i>								
<i>Calamus motii</i>								
<i>Cardwellia sublimis</i>							O	O
<i>Carnarvonina araliifolia</i>								
<i>Centella asiatica</i>	C	C	C		C			
<i>Christella dentata</i>								
<i>Cissus vinosa</i>								
<i>Cryptocarya murrayi</i>	C							
<i>Cryptocarya oblata</i>								
<i>Cupaniopsis flagelliformis</i>								
<i>Cyathea cooperi</i>					O	O	O	C
<i>Cyperus difformis</i>								
<i>Cyperus pilosus</i>								

Appendix 1.2 Weed Surveys Along the Palmerston Road and Powerline Network

Site	Maalan, Wide Verge Site1				Maalan, Quarry			
	357393E		8053072 N					
Species	Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Cyperus polystachyos</i>		O				C		
<i>Cyperus</i> sp.	R							
<i>Cyperus sphacelatus</i>	O							
<i>Cyrtococcum oxyphyllum</i>								
<i>Dendrocnide photinophylla</i>						O		
<i>Desmodium triflorum</i>								
<i>Dicranopteris linearis</i>							D	
<i>Dienia montana</i>								
<i>Drymaria cordata</i>								
<i>Eclipta prostrata</i>								
<i>Elaeocarpus grandis</i>								
<i>Eragrostis unioloides</i>	O							
<i>Faradaya splendida</i>		R						
<i>Ficus congesta</i>								O
<i>Ficus copiosa</i>								
<i>Ficus hispida</i>					O			
<i>Ficus septica</i>		R						
<i>Fimbristylis dichotoma</i>								
<i>Flagellaria indica</i>				O				
<i>Flindersia bourjotiana</i>								
<i>Flindersia brayleyana</i>								
<i>Freycinetia scandens</i>								
<i>Gahnia sieberiana</i>								
<i>Geissois biagiana</i>							O	
<i>Glochidion hylandii</i>								
<i>Hypericum gramineum</i>					O			
<i>Imperata cylindrica</i>						O		
<i>Ludwigia octovalvis</i>								
<i>Lycopodiella cernua</i>					C			C
<i>Mallotus paniculatus</i>								
<i>Melastoma affine</i>								
<i>Melicope elleryana</i>								
<i>Microlepis speluncae</i>								
<i>Mucuna gigantea</i>								
<i>Neolitsea dealbata</i>	O							
<i>Nephrolepis cordifolia</i>			O		O			
<i>Omalanthus novo-guineensis</i>					R			O
<i>Oplismenus compositus</i>								
<i>Oplismenus hirtellus</i>								
<i>Otanthera bracteata</i>								

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Site	Maalan, Wide Verge Site1				Maalan, Quarry			
	357393E		8053072 N					
Species	Abundance Rank				Abundance Rank			
	0-5	5-10	10-20	20-30	0-5	5-10	10-20	20-30
<i>Palmeria scandens</i>								
<i>Paspalum scrobiculatum</i>								
<i>Piper caninum</i>								
<i>Polia macrophylla</i>								
<i>Polyscias elegans</i>								
<i>Polyscias murrayi</i>								
<i>Pteridium esculentum</i>								
<i>Pteris tripartita</i>								
<i>Pullea stutzeri</i>								
<i>Rhodomirtus pervagata</i>							O	
<i>Ripogonum album</i>								
<i>Rubus moluccanus</i>		O			O		O	
<i>Rubus probus</i>	C				O			
<i>Scaevola enantophylla</i>								
<i>Solanum dallachii</i>								
<i>Spermacoce latifolia</i>								
<i>Stephania japonica</i>								
<i>Tetrastigma nitens</i>								
<i>Tetrasynandra laxiflora</i>	R							
<i>Toechima erythrocarpum</i>								
<i>Vernonia cinerea</i>								
<i>Xanthophyllum octandrum</i>								
<i>Zehneria cunninghamii</i>								

APPENDIX 1.3 PALMERSTON POWERLINE CLEARING AERIAL VIDEO ANALYSIS OF ECOLOGICAL CONDITION

SPAN	E	N	VEGETATION BETWEEN TOWERS	COMMENTS
58-59	372483	8052073	Banana farm, Palmerston highway, grass to tower, <i>Brachiaria</i> on track, molasses and Guinea patchwork, lantana and <i>Rubus</i> on edge	Crosses highway, slightly north of west, track enters near tower 59
59-60	372201	8052098	Lantana across clearing except track, small areas of Guinea and molasses grass, revegetation site - more molasses grass, Guinea grass to tower, <i>Brachiaria</i> in centre, Molasses under tower	Track to south to creek for farmer, Palmerston connectivity revegetation site 1 in centre
60-61	371571	8052152	Grades from Guinea grass into lantana on south side near tower, lantana across clearing to gully, except track with Guinea grass and <i>Brachiaria</i> , mainly low shrubs in gully, lantana across rest, few larger areas of molasses grass and Guinea to tower	Grass transect 1 at tower 60, powerline clearing track washout
61-62	371297	8052177	Molasses grass under tower, <i>Omalanthus</i> revegetation plot with large molasses grass area opposite, <i>Brachiaria</i> on track itself, large areas of molasses on slope where revegetation plot 2 went in, Guinea grass up to tower, lantana on edge	<i>Omalanthus</i> plot, thesis trapping site, grass/weed transects 2, track from highway enters from north, revegetation site 2 on slope
62-63	370796	8052223	Molasses grass under tower and to north of tower, Guinea grass to South, lantana and <i>Rubus</i> on edge, lantana in both gullies, especially to south in second gully, Molasses to south to third (major) gully, regrowth rainforest and tree ferns in gully, molasses, Guinea and Lantan / <i>Rubus</i> on edge at revegetation site 3, lantana in fourth gully, Guinea grass to gully and up hill to tower, some <i>Brachiaria</i> on track	Grass/weed transects at tower 62, revegetation site 3 past third gully, grass/weed transects at tower 63
63-64	370419	8052256	Guinea grass to south of tower, Molasses to north, <i>Brachiaria</i> on track, large gully runs parallel to clearing with regrowth and lantana on cliffs, molasses / Guinea patchwork, <i>Brachiaria</i> on track, regrowth connection second gully, lantana across in one area	
64-65	370133	8052281	<i>Brachiaria</i> under tower, large areas of molasses and Guinea grass patchwork, lantana on edges, regrowth in gully almost forms connection,	
65-66	369804	8052310	<i>Brachiaria</i> under tower, smaller areas of molasses, mainly Guinea grass, regrowth in creekline about halfway across clearing in one area and almost complete connection in another, tree ferns obvious, lantana areas to south, molasses to north, Guinea elsewhere	Creekline parallel to north edge of clearing for substantial distance

SPAN	E	N	VEGETATION BETWEEN TOWERS	COMMENTS
65-66	369804	8052310	<i>Brachiaria</i> under tower, smaller areas of molasses, mainly Guinea grass, regrowth in creekline about halfway across clearing in one area and almost complete connection in another, tree ferns obvious, lantana areas to south, molasses to north, Guinea elsewhere	Creekline parallel to north edge of clearing for substantial distance
66-67	369336	8052352	Large areas of molasses to south, fringed by lantana and rubus, creek still to north with low regrowth, crosses clearing twice with very low quality regrowth connections, lantana completely across in one area, mainly molasses and Guinea to tower	
67-68	369057	8052378	Large molasses grass swathes, fringed by lantana, low quality regrowth gully two-thirds across, molasses grass up slope, large area of <i>Brachiaria</i> , molasses to tower	Thesis grass site 2 at <i>Brachiaria</i> /molasses swathe, tower is K-tree powerline weed survey site 1
68-69	368820	8052279	Grass swathes, mostly Guinea with large areas of molasses, <i>Brachiaria</i> on track, narrow lantana edges	Crosses K-Tree track, powerline turns to west-south-west at tower 68
69-70	368568	8052393	Large grass swathes, mainly Guinea with area of molasses to south of tower 70	Continues over K-Tree track
70-71	368192	8051932	Large area of grass on hill, mostly Guinea with some smaller molasses areas, deep forested gully - forest connection for long distance, molasses and Guinea grass on slope to tower	Crossing Weekenah Creek
71-72	367471	8051533	Molasses grass under tower, Guinea on hill crest, deep gully with forest, grass swathes on next crest - mainly Guinea but some molasses, long regrowth gully area - fairly disturbed, second crest with molasses and Guinea grass swathes, third regrowth gully to grass swathes on crest with tower, some <i>Brachiaria</i> , molasses, Guinea	
72-73	366852	8051206	Molasses under tower, large swathes of Guinea grass to small gully with lantana and few regrowth shrubs, lantana swathes to south of track, Guinea to north, grades into Guinea swathes to tower interspersed with few small molasses areas	Crosses K-Tree track close to tower 72
73-74	366635	8051093	Guinea grass swathe, small patch of molasses close to tower 73, <i>Brachiaria</i> on track	K-tree track curves around clearing edge, Goolagan Creek fossicking field turnoff -weed survey site 2
74-75	366206	8051182	Guinea grass under tower and to top of gully, good regrowth connection across gully, Guinea grass up slope with scattered regrowth saplings and tree ferns, to tower	Regrowth gully is thesis trapping site 3, powerline turns to west-north-west at tower 74
75-76	365839	8051292	Guinea grass at tower, gully with lantana on slope completely across clearing, base of gully has reasonable regrowth connection, Guinea grass and molasses on slope to tower	

SPAN		E	N	VEGETATION BETWEEN TOWERS	COMMENTS
76-77	365334	8054137	Grass under tower and on crest, long forested gully - good connection, lantana swathe on slope, <i>Brachyria</i> on track		
77-78	365082	8051510	Lantana almost completely across, except five to ten metre wide strip around track with mainly Guinea grass, some molasses patches		
78-79	364262	8051753	Molasses grass under and near tower, lantana and Rubus on edges, deep gully with long stretch of regrowth, particularly Acacias, molasses grass to tower		Gully is thesis trapping site 4, but much more regrowth than ten years ago
79-80	363759	8051898	Gully continues to south of clearing, Guinea grass banks to north with lantana to edge, deep forested gully, lantana and Guinea grass on slope to tower		Crosses Jordan Goldfields track
80-81	363223	8052052	Guinea grass grades to lantana on slope, deep forested gully, lantana and Guinea grass on slope and under tower		
81-82	362764	8052183	Guinea grass swathe at tower grades to lantana and regrowth gully, swathe of lantana up slope from gully, then Guinea grass swathe with lantana on edges and occasional molasses grass patches		
82-83	362493	8052263	Wide Guinea grass swathe with molasses grass patches, larger areas of molasses closer to tower		Jordan Goldfields track obvious
83-84	362163	8052358	Molasses / signal grass under tower, Guinea and molasses grass patchwork swathe, lantana on edge mostly but lantana connection in one place, swathes of molasses and Guinea grass along track, molasses swathe edged with lantana, lantana edges wider near tower 84		
84-85	361944	8052420	Molasses / signal grass under tower, Guinea grass along track, lantana almost completely across clearing, mostly molasses swathe but some Guinea grass, patches of signal grass, molasses and Guinea grass swathe to tower		
85-86	361541	8052537	Molasses / signal grass under tower, Guinea grass swathe on hill, deep forested gully for majority of span		Tributary of Kaaru Creek
86-87	361299	8052606	Molasses and Guinea grass patchwork swathe, lantana on edge and in gully running parallel to powerline, molasses grass to tower		
87-88	361068	8052347	Molasses grass under tower, molasses and Guinea grass patchwork swathe, lantana on both slopes into narrow regrowth gully connection, molasses and Guinea grass to tower with lantana along rainforest edge		Powerline turns toward southwest and Maalan track
88-89	360889	8052102	Approx. ten metre wide lantana edge of Guinea and molasses grass and approx. twenty metre wide swathe, lantana stretches completely across clearing, grades into Guinea grass at crest		Encounters Maalan track at crest; first Maalan track powerline clearing weed site

SPAN	E	N	VEGETATION BETWEEN TOWERS	COMMENTS
89-90	360520	8051595	Guinea grass swathe with some large patches of molasses grass, lantana along rainforest edge, regrowth gully, narrow well-forested gully section in centre of span, molasses and Guinea grass patchwork swathe	
90-91	360281	8051271	Molasses grass under tower, molasses and Guinea grass patchwork swathe, lantana edges, probably similar to tower but difficult to interpret because of high plane level and shadow over section	second crossing of Maalan track
91-92	360062	8050970	Similar to previous span, again difficult to interpret due to shadow and plane height, may be more lantana than previous span, Guinea and molasses grass to tower	third crossing of Maalan track; second Maalan track powerline clearing site
92-93	359784	8050591	Guinea and molasses grass patchwork swathe from tower running parallel to Maalan track, lantana-edge gully with some regrowth, then creek with low forest, then good forest or regrowth connection, regrowth grading up from gully to lantana to grass under tower	Maalan track runs parallel to line for reasonable distance
93-94	359613	8050358	Guinea grass swathe with molasses grass areas, lantana and Guinea grass mixture to Guinea grass swathe at tower 94	
94-95	359390	8050052	Guinea grass swathe grades to wide lantana edge with tree ferns and Guinea grass in clearing centre, grades to deep gully - in shadow but appears to forested or regrowth, lantana swathe up slope from gully, Guinea and molasses grass under tower 95	Maalan track crosses
95-96	359318	8049804	Guinea grass with wide lantana edges, lantana swathe across small gully, Guinea grass swathe with large molasses patches, molasses swathe to tower 96	Line veers to south
96-97	359269	8049571	Molasses swathe, deep forested gully, lantana-edged molasses swathe to tower 97	Tributary of garee creek
97-98	359186	8049174	Molasses under tower, wide Guinea grass swathe grades to swathe edged with lantana, molasses grass swathe, deep lantana and tree-fern edged forested gully, molasses swathe to tower 98	Karang Creek
98-99	359131	8048913	Molasses and Guinea grass swathe at tower, deep forested gully, lantana swathe grades into Guinea grass and then molasses grass swathe with some wide lantana edges	Tributary of Karang Creek
99-100	359050	8048529	Signal grass under tower, molasses swathe on hill crest, lantana swathe, gully in shadow possibly lantana, Guinea grass on crest, deep forested gully edged with lantana and Guinea grass, narrow molasses swathe, Guinea and molasses patchwork swathe to tower 100	

SPAN		E	N	VEGETATION BETWEEN TOWERS	COMMENTS
100-101	358866	8047656		Shadow and flight height restrict interpretation. Possibly short grass at tower, long forested gully, lantana swathe, guinea grass swathe, molasses swathe to tower	Maalan tracks turns away from powerline clearing
101-102	358805	8047370		Shadow and flight height restrict interpretation. Probably molasses grass at tower, lantana-edged gully with regrowth, some guinea and molasses grass on crest, similar lantana gully with some regrowth or forested gully, guinea / lantana mixture to signal/guinea grass swathe on crest at tower 102	Tributary of south Johnstone
102-103	358760	8047148		Grassy swathe of signal/Guinea grass grading to Guinea and molasses grass patchwork. Guinea grass swathe to tower 103	
103-104	358658	8046676		Guinea grass swathes grades into lantana/regrowth mixture, narrow regrowth forested gully, molasses grass swathe with wide lantana edges, Guinea grass swathe edged with lantana at tower	
104-105	358491	8045884		Regrowth gully half way across clearing, molasses grass on eastern side, grassy swathe on crest, lantana-regrowth swathe, deep forested gully connection, grass (probably Guinea) on river bank, Guinea grass swathe, molasses swathe edged with Guinea grass and some lantana, wide lantana edges with molasses grass grades into lantana and regrowth connection across clearing, molasses grass under tower	South Johnstone River crossing
105-106	358424	8045613		Molasses grass swathe, edged with lantana, regrowth or forested gully (interpretation difficult due to shadow), good forested connection, lantana edge of gully with creepers and tree ferns, Guinea grass swathe, track cutting near tower	West Palmerston track
106-107	358326	8045378		Good forested connection. Clearing or bare earth around tower 107. Guinea grass on crest	Powerline turns to southwest
107-108	358041	8044889		Another long forested connection, mixed Guinea grass swathe with regrowth connections, second forested gully	Suttie's Gap road follows clearing toward next tower
108-109	357783	8044427		Molasses / Guinea grass mixture, deep gully almost completely across clearing but track breaks connection, molasses / Guinea grass on eastern side, deep forested gully to west, signal grass next to track, molasses / Guinea grass patchwork to tower	Cross Suttie's Gap road, H road follows down centre, Suttie's Gap powerline crossing weed site
109-110	357664	8043777		Grassy swathe at crest, deep forested gully, track fringed with Guinea and molasses grass, landslip or track cutting, second forested gully, Guinea grass swathe to tower	H road crosses twice

SPAN	E	N	VEGETATION BETWEEN TOWERS	COMMENTS
110-111	357603	8043394	Guinea grass under tower, area of bare earth / track, long deep forested gully, Guinea grass swathe to tower 111 with lantana edges, but difficult to interpret because of shadows	H road crosses twice
111-112	357580	8043252	Signal grass under tower, Guinea grass / lantana swathe but difficult to interpret because of shadow	H road follows
112-113	357557	8043100	Similar – Guinea / lantana mixture - interpretation difficult	Road obvious
113-114	357405	8042957	Molasses / Guinea grass swathe, narrow forested gully, molasses swathe with Guinea patches to tower 114	Powerline veers west
114-115	357177	8042797	Molasses grass swathe, deep forested gully, molasses / Guinea grass swathe to tower 115	
115-116	356824	8042549	Molasses / Guinea grass in small clearing around and under tower, long deep forested gully, lantana-fringed, molasses and Guinea grass to tower	
116-117	356501	8042304	Similar, larger grassy swathe to tower 117, lantana and regrowth along clearing edge - tree ferns, molasses grass near track and road cutting	H-road obvious
117-118	356219	8042016	Molasses / Guinea grass in clearing around tower, low forest and regrowth, forested gully, lantana and regrowth to tower, small grassy clearing near tower	Powerline veers slightly to south east
118-119	355297	8041674	Shadows - very difficult to interpret. Clearing may be regrowth or forest trimmed low, possibly forested gully then long regrowth or lantana swathe	
119-120	355922	8041171	Difficult to interpret because plane veers and misses most of span. Possibly deep forested gully, tower clearing small with molasses / Guinea grass, possibly vine towers on canopy near tower, regrowth / lantana / bramble swathe	Powerline veers east
120-121	356092	8040260	Long forested connection, similar to 119-120, small tower 121 footprint with molasses grass	
121-122	356210	8039836	Powerline swings above canopy, shorter section, tower clearing larger, regrowth on slope, tree ferns etc, regrowth close to tower 122	
122-123	356347	8039346	Powerline swings above canopy, concrete tower pad with small area of Guinea grass around pad	
123-124	356491	8038838	Similar, clearing to tower larger area with Guinea grass	
124-125	356435	8038452	Difficult to interpret because mainly obscured on video. Similar, grass, regrowth or lantana in clearing.	Powerline veers south

SPAN		E	N	VEGETATION BETWEEN TOWERS	COMMENTS
125-126	356112	80.3249		Again difficult to interpret - plane flying very high. Vegetation appears lower, possibly regrowth.	
126-127	355804	8038068		Similar problem with interpretation. Vegetation appears lower, possibly regrowth. Guinea grass swathe in places, forested gully, molasses and Guinea grass under tower	Powerline access track obvious
127-128	355358	8037802		Guinea and molasses grass on slope down from tower crest, deep forested gully, very small clearing with regrowth for tower 128	
128-129	354634	8037357		Large clearing around river bank, Guinea / signal grass on island in river, mainly grassy weeds on bank, otherwise mainly forested connection, grassy swathe to tower 129 with Guinea and molasses	Crosses Tully River
129-130	354402	8037216		Complete grassy swathe with Guinea and molasses grass, lantana on edges and steep cliffs	
130-131	353905	8036914		Grassy swathe under tower and to cliff edge, river banks less disturbed, deep forested gully rainforest connection, small clearing with Guinea and molasses at tower 131	Crosses Tully River. Access track obvious
131-132	353202	8036832		Difficult to interpret because of plane height. River bank and road disturbance, swathe clearing with regrowth in small gully, lantana and Guinea grass, possibly small forested gully, Guinea grass under tower 132	Following Tully Gorge
132-133	352902	8036806		Similar - regrowth and clearing, occasional deeper gully with better regrowth, large swathes of molasses and Guinea grass to tower 133	
133-134	352558	8036774		Swathe of Guinea and molasses grass continues, lantana and Rubus on edges, forested remnant closer to river with reasonable riparian strip following gully through clearings further up hill away from powerline, Guinea grass under tower 134	
134-135	352248	8036743		Guinea and molasses grass swathe continues, road cuttings with molasses grass, other powerlines and clearings adjacent	Runs parallel to Tully Gorge Road
135-136	351922	8036576		Mostly obscured due to plane turning, partial grassy swathe, some regrowth, possibly reasonable gully forest or regrowth connection	Powerline clearing veers south west
136-137	351788	8036496		Very difficult to interpret because plane high while turning and searching. Possibly regrowth with some grass, tower also obscured.	
137-138	351603	8036295		Too difficult to interpret. Tower 137 close to road. Possibly mainly regrowth or lantana with some grassy areas. Tower 138 may be on bare Earth or landslip area on hillside.	

SPAN	E	N	VEGETATION BETWEEN TOWERS	COMMENTS
138-139	351390	8036005	Again difficult to interpret - plane flying high. May be forested or regrowth with some grassy swathe leading to tower 139, grass mainly around track, regrowth and lantana adjacent to edge	Track obvious
139-140	351232	8035795	Difficult to interpret. Clearing with Guinea grass, track and regrowth, molasses grass under tower 140	
140-141	350919	8035383	Various clearings adjacent to road, car park, river bank vegetation less disturbed, molasses and Guinea grass adjacent to road and tower 141	Crosses Tully Gorge Road
141-142	350814	8035259	Difficult to interpret. River bank vegetation relatively undisturbed, grass under tower 142	Crosses Tully Gorge Road again
142-143	350477	8035163	Difficult to interpret. River bank vegetation relatively undisturbed, some Guinea and molasses grass on river edge near tower 143	Crosses Tully Gorge Road again
143-144	350073	8035163	Crosses river, difficult to interpret. Possibly swathe of regrowth and some forest, low but doesn't appear to form connection	Crosses Tully River
144-145	349728	8035156	Difficult to interpret - plane high, turning and shadows over clearing. Appears to be regrowth with Guinea grass patches, possibly molasses, probably lantana edges, possibly some forest	
145-146	349449	8035160	Still difficult to interpret. Similar regrowth, Guinea and molasses grass	
146-KPS	349308	8035092	Crosses river to Kareeya power station. Grass clearings up ridges of gorge from power station, possibly fire scars. Cleared swathe (over regrowth) for cable car.	Kareeya power station. Some powerlines come down gorge to power station from Koombooloomba. Cable car to access Koombooloomba from Kareeya

**APPENDIX 1.4
CHALUMBIN-WOREE POWERLINE CLEARING AERIAL VIDEO ANALYSIS OF ECOLOGICAL CONDITION**

Span	E	N	Vegetation Between Towers	Comments
10085-10086	349722	8122843	Cleared, some grader grass adjacent to tower and track, mangos. Bridle Creek has reasonable riparian connection but some bare Earth. Bridle Creek follows edge of clearing to tower 10086, probably some grass alongside riparian strip. Forest adjacent appears to be eucalypts	Powerline turns to south-east at tower 10085 (349413E, 8122978N). Crosses Bridle Creek Road and Bridle Creek
10086-10087	350090	8122695	Cleared swathe, probably grass e.g. <i>Themeda</i> or <i>imperata</i> , plane very high so hard to interpret, bridle creek riparian strip runs parallel to clearing on north side, beyond that is mainly eucalypts and acacia forest, clearing crosses bridle creek, grass to tower 10087	Bridle creek track obvious
10087-10088	350376	8122579	Cleared, some <i>Themeda</i> , rainforest or wet sclerophyll adjacent to clearing, grass on edge of track, probably Lantana in gully to south of track, probably scattered regrowth shrubs, more lantana to tower 10088	Track passes through tower 10087, track obvious
10088-10089	350752	8122428	Similar but probably more Lantana on southern side of track, grass in centre of clearing and partly regrowth on northern side, gully connection probably rainforest before tower 10089	Track passes through tower 10088
10089-10090	351032	8122315	Good forested connection almost complete distance between towers, cleared grassy area under tower 10090	
10090-10091	351393	8122172	Forest or more probably regrowth, clearing under towers not large, regrowth in second gully, some <i>Themeda</i> on intermediate crest, regrowth to north of track and taller regrowth to south of track	Track obvious
10091-10092	351700	8122111	Near tower grassy cleared area with herbaceous weeds, good forested connection to tower 10092	Road veers away past tower, powerline veers slightly to east, first weed site occurs from tower 10091 to east
10092-10093	352114	8122058	Grass under tower, excellent forested connection, Acacia canopies obvious, clearing only under tower 10093,	Track crosses clearing
10093-10094	352619	8121986	Appears to be regrowth either side of track, probably grass (molasses?). On edges of track and crests above cuttings, lantana in gully beside track	Track obvious, second weed site
10094-10095	353313	8121886	Grass under and around towers, probably <i>Brachiaria</i> or Guinea grass, long forested gully	Track veers to south

Span	E	N	Vegetation Between Towers	Comments
10095-10096	353612	8121845	Acacia regrowth in gully forms connection across clearing, large grassy areas - probably <i>Brachiaria</i> , <i>Melinis</i> and Guinea further up hill, regrowth to south side of track, grassy swathe to towerx	Track obvious, third weed site
10096-10097	354038	8121786	Grassy, weedy swathe, some Acacia regrowth on edges, followed by canopy connectivity over track with Acacias, then good forested gully, grassy and weedy area to tower 10097	Track obvious
10097-10098	354412	8121956	Clearing under tower, good forested connection	Powerline veers to north east, tributary of Clohessy river
10098-10099	354779	8122154	Clearing only under tower, good forested connection	Clohessy River
10099-10100	355189	8122369	Clearing around towers only - grass <i>Brachiaria</i> or <i>Melinis</i> , Acacia regrowth further down slopes, Acacia regrowth canopies then good forested connection	Tributary of Clohessy River
10100-10101	355380	8122470	Small clearing around tower, regrowth and grassy swathe to tower 10101 - close to top of range, scattered Acacias but mainly weeds, possibly Lantana and <i>Brachiaria</i>	
10101-10102	355709	8122638	Acacia regrowth canopies. Grassy swathe around towers. Good forested connection to tower 10102	
10102-10103	356426	8122574	Plane flying very high - difficult to interpret. Possibly forested connection then regrowth swathes then lantana then grass to tower 10103. Weeds along track - possibly lantana and bramble	Powerline veers to east. Shoteel Creek Road rejoins powerline. Weed site number 4
10103-10104	356887	8122518	Short clearing to east of tower. Long forested connection, followed by grassy / weedy / shrubby swathe to tower 10104.	Road crosses below tower 10104. Weed site number 5. Highest point
10104-10105	357429	8122453	Acacia regrowth canopies near tower, clearing under. Long forested connection. <i>Brachiaria</i> close to tower, possibly lantana also.	Track runs under tower 10105.
10105-10106	358012	8122383	<i>Brachiaria</i> around tower clearing. Regrowth and lantana swathe, then forested connection, then regrowth and lantana to tower 10106	Track veers to south then recrosses clearing
10106-10107	358864	8122281	Grass under tower, regrowth / lantana to track crossing. Long forested connection over deep gully, grass clearing above dam wall, possibly molasses grass, water at base of dam, clearing to tower 10107	Headwaters of Freshwater Creek. Crosses dam overflow area of water.
10107-10108	359308	8122245	Clearing next to kiosk, large clearing including tracks and roads, regrowth especially Acacia along road, short area of grassy swathe, clearing probably <i>Dicranopteris</i> or lantana	Powerline veers slightly north. Follows Copperlode Road. Tracks and roads near Copperlode Dam kiosk. Weed site number 6.

Span	E	N	Vegetation Between Towers	Comments
10108-10109	359535	8122208	Regrowth, probably some <i>Acacia</i> between towers, low regrowth / <i>Dicranopteris</i> / <i>lantana</i> near and under towers, also some bare Earth.	Copperlode road follows clearing. Powerline veers slightly south. Crosses road again.
10109-10110	360129	8122325	Weedy crest near tower then deep forested gully, regrowth to 10110.	Powerline turns north. Tributary of Freshwater Ck. Weed site number 7.
10110-10111	360462	8122405	Small clearing around tower, probably grass. Forested gully, crest then smaller gully, then <i>lantana</i> and grass to tower 10111	Smaller tributary of Freshwater Creek. Copperlode Road runs next to tower 10111.
10111-10112	360994	8122506	Larger clearing under and near tower, Crest slope possibly molasses grass with regrowth on edges, Some <i>lantana</i> or bramble also. Probably <i>Dicranopteris</i> and <i>Lycopodiella</i> on road bank, probably <i>Gahnia</i> or shrubs. Deep, forested gully. Grass on road verge mowed, embankment probably bramble. Grass to tower 10112	Access track to tower 10111 obvious. Road turns north. Road crosses clearing. Copperlode Road veers back and runs along clearing.
10112-10113	361242	8122585	Small tower clearing. Low regrowth to tower 10113.	Powerline veers slightly north.
10113-10114	361474	8122647	Small clearing with bare Earth for tower 10113. Grass in clearing then lower regrowth - possibly <i>lantana</i> and bramble or <i>Dicranopteris</i> , then grass to tower	Powerline veers back slightly to south. Road crosses. Obvious access track for tower 10114
10114-10115	362172	8122915	Bare earth under tower 10114. Regrowth on slope near tower then long span across deep, forested gully. Tower 10115 sited further up hill from small tower and only footprint cleared, smaller tower next to road has clearing with grass and <i>lantana</i>	Powerline veers north. Tributary of Freshwater Creek. Road crosses.
10115-10116	362545	8123082	Road embankment with woody weeds - <i>lantana</i> / bramble and/or <i>Dicranopteris</i> etc. Forested or regrowth in gully. Swathe with molasses, probably <i>Paspalum</i> , maybe <i>Dicranopteris</i> to tower 10116	Road runs parallel. New line higher up slope, small towers follow road. Road with mowed verges turns north
10116-10117	362859	8123231	Tower clearing with molasses grass, possibly blue snakeweed and <i>Paspalum</i> . Regrowth then grassy swathe with regrowth edges. Road verges may be bramble or <i>Dicranopteris</i> , long swathe to tower probably grass, possibly <i>Dicranopteris</i>	Road crosses. Road crosses a second time and turns north. Tower on escarpment edge.
10117-10118	363637	8123343	Difficult to interpret, plane very high. Big forested gully. Hillslopes have grass patches (fire scars) etc	Powerline turns south-east to follow escarpment. Tower 10118 above highest clearing for water tank behind Woree.
10118-10119	360493	8123163	Canopy with <i>Acacias</i> , line swings above to tower 10119	Powerline turns south.
10119-10120	364544	8122937	Tower on eucalypt-dominated ridge, rainforest gully to next ridge	Tower above highest home sites on hillslope

Span		E		N		Vegetation Between Towers		Comments
10120-10121		364898		8123047		Tower on grassy ridge - fire scar. Probably molasses grass.		Powerline turns east down to White Rock. Substation next to Forest Gardens.

APPENDIX 2.1

PALMERSTON TOTAL SPECIES LIST

Key

Habit

H = Herb

G = Grass

GT = Gap Tree

F = Fern

S = Shrub

U = Understory

V = Vine

HE = Hemiepiphyte

C = Canopy Tree

E = Epiphyte

Successional Stage

W = Weed

E = Early

I = Intermediate

L = Late

SCIENTIFIC NAME	FAMILY	COMMON NAME	NCA STATUS	SUCCESSIONAL STAGE	HABIT
* <i>Ageratum conyzoides</i>	Asteraceae	blue top		W	H
* <i>Axonopus fissifolius</i>	Poaceae	narrow leaf carpet grass		W	G
* <i>Brachiaria decumbens</i>	Poaceae	signal grass		W	G
* <i>Crassocephalum crepidiodes</i>	Asteraceae	thickhead		W	H
* <i>Crotalaria pallida</i>	Fabaceae	rattlepod		W	H
* <i>Erechtites valerianifolia</i>	Asteraceae	Brazilian fireweed		W	H
* <i>Lantana camara</i>	Verbenaceae	lantana		W	S
* <i>Melinis minutiflora</i>	Poaceae	molasses grass		W	G
* <i>Panicum maximum</i>	Poaceae	Guinea grass		W	G
* <i>Passiflora subpeltata</i>	Passifloraceae	passionfruit		W	V
* <i>Rubus alceifolius</i>	Rosaceae	giant bramble		W	S
* <i>Sida rhombifolia</i>	Malvaceae	arrowleaf sida		W	H
* <i>Solanum mauritianum</i>	Solanaceae	wild tobacco		W	S
* <i>Solanum torvum</i>	Solanaceae	devil's fig		W	S
* <i>Stylosanthes humilis</i>	Fabaceae	townsville lucerne		W	H
* <i>Triumfetta rhomboidea</i>	Tiliaceae	Chinese burr		W	H
<i>Acacia celsa</i>	Mimosaceae	brown salwood		E	C
<i>Acacia mangium</i>	Mimosaceae	brown salwood		E	GT
<i>Acmena divaricata</i>	Myrtaceae	cassowary satinash	R	L	C
<i>Acmena graveolens</i>	Myrtaceae	cassowary satinash		L	C
<i>Acronychia vestita</i>	Rutaceae	white aspen		I	C
<i>Aglaia tomentosa</i>	Meliaceae	rusty aglaia		I-L	U
<i>Alangium villosum</i>	Alangiaceae	canary muskheart		I-L	C
<i>Aleurites rockinghamensis</i>	Euphorbiaceae	candlenut		E	C
<i>Alocasia brisbanensis</i>	Araceae	cunjevoi		E-I-L	H
<i>Alphitonia petriei</i>	Rhamnaceae	pink ash/ sarsaparilla		E	GT
<i>Alpinia arctiflora</i>	Zingiberaceae	snow ginger		E	H
<i>Alpinia modesta</i>	Zingiberaceae	narrow-leaf ginger		I-L	H
<i>Alstonia muelleriana</i>	Apocynaceae	hard milkwood		E	C

SCIENTIFIC NAME	FAMILY	COMMON NAME	NCA STATUS	SUCCESSIONAL STAGE	HABIT
<i>Antidesma erostre</i>	Euphorbiaceae	wild currant		I-L	U
<i>Antirrhoea tenuiflora</i>	Rubiaceae	crimson berry		I	U
<i>Apodytes brachystylis</i>	Icacinaceae	buff alder		I-L	U
<i>Archidendron whitei</i>	Mimosaceae		R	I	U
<i>Ardisia pachyrrachis</i>	Myrsinaceae	mountain ardisia		I	U
<i>Argyrodendron peralatum</i>	Sterculiaceae	red tulip oak		L	C
<i>Argyrodendron trifoliolatum</i>	Sterculiaceae	brown tulip oak		L	C
<i>Arthropteris palisotii</i>	Nephrolepidaceae			I-L	HE
<i>Arytera pauciflora</i>	Sapindaceae	pink tamarind		I-L	U
<i>Asplenium australasicum</i>	Aspleniaceae		C	E-I-L	E
<i>Asplenium laserpitifolium</i>	Aspleniaceae	Johnstone R maidenhair	C	E-I-L	E
<i>Atractocarpus hirtus</i>	Rubiaceae	hairy gardenia		I-L	U
<i>Atractocarpus merikin</i>	Rubiaceae	mountain gardenia		I-L	U
<i>Austrobaileya scandens</i>	Austrobaileyaceae			I-L	V
<i>Austromyrtus dallachiana</i>	Myrtaceae	lignum		L	U
<i>Austrosteenisia stipularis</i>	Fabaceae	northern blood vine		E-I-L	V
<i>Backhousia bancroftii</i>	Myrtaceae	Johnstone R hardwood		I-L	C
<i>Beilschmiedia bancroftii</i>	Lauraceae	yellow walnut		L	C
<i>Beilschmiedia tooram</i>	Lauraceae	coach walnut		L	C
<i>Blechnum cartilagineum</i>	Blechnaceae		C	E-I-L	F
<i>Bowenia spectabilis</i>	Zamiaceae	zamia fern		I	H
<i>Breynia stipitata</i>	Euphorbiaceae	coffee bush		E	S
<i>Brombya platynema</i>	Rutaceae	brombya		I-L	U
<i>Calamus australis</i>	Arecaceae	hairy Mary		I-L	V
<i>Calamus caryotoides</i>	Arecaceae	fishtail lawyer cane		I-L	V
<i>Calamus motii</i>	Arecaceae	lawyer cane		I-L	V
<i>Callicarpa longifolia</i>	Verbenaceae	chukin		I-L	U
<i>Cardiopteris moluccana</i>	Cardiopteridaceae			I-L	V
<i>Cardwellia sublimis</i>	Proteaceae	northern silky/bull oak		E-I-L	C
<i>Carnarvonina araliifolia</i>	Proteaceae	Caledonian oak		I-L	C
<i>Carronia pedicellata</i>	Menispermaceae		E	I-L	V
<i>Carronia protensa</i>	Menispermaceae			I-L	V
<i>Castanospermum australe</i>	Fabaceae	black bean		I-L	C
<i>Castanospora alphanthii</i>	Sapindaceae	brown tamarind		I-L	C
<i>Chionanthus ramiflora</i>	Oleaceae	northern olive		E-I	C
<i>Cissus vinosa</i>	Vitaceae			E-I	V
<i>Citronella smythii</i>	Icacinaceae	silky beech		I-L	C
<i>Colysis ampla</i>	Polypodiaceae			I-L	HE
<i>Connarus conchocarpus</i>	Connaraceae	shell vine		I-L	V
<i>Cordyline cannifolia</i>	Agavaceae	palm lily		E-I-L	H
<i>Corymborkis veratrifolia</i>	Orchidaceae			E-I-L	H

Appendix 2.1 Palmerston Total Species List

SCIENTIFIC NAME	FAMILY	COMMON NAME	NCA STATUS	SUCCESSIONAL STAGE	HABIT
<i>Corynocarpus cribbianus</i>	Corynocarpaceae	cribwood		I-L	C
<i>Cryptocarya angulata</i>	Lauraceae	ivory laurel		I-L	C
<i>Cryptocarya grandis</i>	Lauraceae	cinnamon laurel		I-L	C
<i>Cryptocarya mackinnoniana</i>	Lauraceae	rusty laurel		I-L	C
<i>Cryptocarya murrayi</i>	Lauraceae	Murray's laurel		I-L	C
<i>Cryptocarya pleurosperma</i>	Lauraceae	poison laurel	R	I-L	C
<i>Cupaniopsis flagelliformis</i>	Sapindaceae	brown tuckeroo		I	U
<i>Daphnandra repandula</i>	Monimiaceae	sassafras		I-L	C
<i>Darlingia darlingiana</i>	Proteaceae	brown silky oak		E-I	C
<i>Davidsonia pruriens</i>	Davidsoniaceae	Davidson's plum		I	C
<i>Delarbrea michieana</i>	Araliaceae	blue nun		I-L	C
<i>Desmos goezeanus</i>	Annonaceae			L	V
<i>Dichapetalum papuanum</i>	Dichapetalaceae			I-L	S
<i>Diospyros</i> sp. Millaa Millaa	Ebenaceae	ebony		L	U
<i>Diplazium dilatatum</i>	Athyriaceae			I-L	F
<i>Diploglottis smithii</i>	Sapindaceae	Smith's tamarind		I	C
<i>Doryphora aromatica</i>	Monimiaceae	sassafras		I-L	C
<i>Drynaria rigidula</i>	Polypodiaceae			E-I-L	E
<i>Dysoxylum klanderii</i>	Meliaceae	buff mahogany		I	U
<i>Dysoxylum muelleri</i>	Meliaceae			E-I	C
<i>Dysoxylum oppositifolium</i>	Meliaceae	pink mahogany		I	C
<i>Dysoxylum papuanum</i>	Meliaceae	spice mahogany		I	C
<i>Dysoxylum parasiticum</i>	Meliaceae	yellow mahogany		I	C
<i>Elaeagnus triflora</i>	Elaeagnaceae	Millaa Millaa vine		E-I	V
<i>Elaeocarpus grandis</i>	Elaeocarpaceae	silver quandong		E-I	C
<i>Embelia australiana</i>	Myrsinaceae			I-L	V
<i>Endiandra compressa</i>	Lauraceae	Queensland greenheart		I-L	U
<i>Endiandra globosa</i>	Lauraceae	ball fruited walnut	R	I-L	C
<i>Endiandra insignis</i>	Lauraceae	hairy walnut		I-L	C
<i>Endiandra leptodendron</i>	Lauraceae			I-L	U
<i>Endiandra monothyra</i>	Lauraceae	rose walnut		I-L	C
<i>Endiandra sankeyana</i>	Lauraceae	Sankey's walnut		I-L	C
<i>Epipremnum pinnatum</i>	Araceae	native monstera		E-I-L	HE
<i>Erycibe coccinea</i>	Convolvulaceae			I-L	V
<i>Erythroxylum ecarinatum</i>	Erythroxylaceae	brown plum		I-L	C
<i>Eupomatia</i> sp. Noah Head	Eupomatiaceae			I	U
<i>Ficus pleurocarpa</i>	Moraceae	figwood		I-L	C
<i>Flagellaria indica</i>	Flagellariaceae	supplejack		E-I	V
<i>Flindersia acuminata</i>	Rutaceae	silver silkwood		I	C
<i>Flindersia bourjotiana</i>	Rutaceae	silver ash		I	C
<i>Franciscodendron laurifolium</i>	Sterculiaceae	tulip kurrajong		L	C

SCIENTIFIC NAME	FAMILY	COMMON NAME	NCA STATUS	SUCCESSIONAL STAGE	HABIT
<i>Freycinetia excelsa</i>	Pandanaceae	climbing pandan		I-L	HE
<i>Galbulimima baccata</i>	Himantandraceae	pigeonberry ash		L	C
<i>Gillbeea adenopetala</i>	Cunoniaceae	pink alder		I-L	C
<i>Glochidion harveyanum</i>	Euphorbiaceae	buttonwood		E	GT
<i>Gmelina fasciculiflora</i>	Verbenaceae	white beech		I-L	C
<i>Guioa lasioneura</i>	Sapindaceae	silky tamarind		E-I	U
<i>Haplostichanthus</i> sp. Johnstone R.	Annonaceae			I-L	U
<i>Haplostichanthus</i> sp. Topaz	Annonaceae			I-L	U
<i>Helicia nortoniana</i>	Proteaceae	Norton's silky oak		I-L	U
<i>Hoya pottsii</i>	Asclepiadaceae	Nicholson's wax vine		I-L	V
<i>Hypserpa decumbens</i>	Menispermaceae			E-I	V
<i>Hypserpa laurina</i>	Menispermaceae			E-I	V
<i>Hypserpa smilacifolia</i>	Menispermaceae			E-I	V
<i>Ichnocarpus frutescens</i>	Apocynaceae			E-I-L	V
<i>Ixora baileyana</i>	Rubiaceae	Bailey's ixora	R	L	U
<i>Lasianthus strigosus</i>	Rubiaceae	blue rubi		L	U
<i>Lepiderema sericolignis</i>	Sapindaceae	silkwood		I-L	U
<i>Linospadix micrococarya</i>	Arecaceae	walking stick palm		I-L	H
<i>Linospadix minor</i>	Arecaceae	walking stick palm		I-L	H
<i>Litsea leefeana</i>	Lauraceae	bollywood		E-I-L	C
<i>Mackinlaya confusa</i>	Araliaceae			E-I	U
<i>Maclura cochinchinensis</i>	Moraceae	Cockspur thorn		E	V
<i>Mallotus paniculatus</i>	Euphorbiaceae	turn in the wind		E-I	C
<i>Medicosma fareana</i>	Rutaceae	white aspen		I-L	U
<i>Melicope vitiflora</i>	Rutaceae	northern evodia		E-I	GT
<i>Melicope xanthoxyloides</i>	Rutaceae	yellow evodia		E-I	U
<i>Melodinus australis</i>	Apocynaceae	bellbird vine		I	V
<i>Melodinus bacellianus</i>	Apocynaceae	murpe	R	I	V
<i>Melodorum uhrii</i>	Annonaceae			I	V
<i>Mischocarpus stipitatus</i>	Sapindaceae	purple aril mischocarp		I	U
<i>Morinda umbellata</i>	Rubiaceae			I	V
<i>Myristica globosa</i>	Myristicaceae	nutmeg		I-L	U
<i>Neolitsea dealbata</i>	Lauraceae	white bollywood		E-I	GT
<i>Niemeyera prunifera</i>	Sapotaceae	plum boxwood		I-L	U
<i>Oberonia titania</i>	Orchidaceae			L	E
<i>Omalanthus novo-guineensis</i>	Euphorbiaceae	bleeding heart		E	GT
<i>Ophioglossum pendulum</i>	Ophioglossaceae	ribbon fern		L	E
<i>Opistheolepis heterophylla</i>	Proteaceae	blush silky oak		L	C
<i>Oplismenus hirtellus</i>	Poaceae			E-I	G
<i>Pandanus monticola</i>	Pandanaceae	screw palm		L	U
<i>Pandorea pandorana</i>	Bignoniaceae	wonga vine		E-I-L	V

Appendix 2.1 Palmerston Total Species List

SCIENTIFIC NAME	FAMILY	COMMON NAME	NCA STATUS	SUCCESSIONAL STAGE	HABIT
<i>Pararistolochia australopithecurus</i>	Aristolochiaceae			I	V
<i>Pilidostigma tropicum</i>	Myrtaceae	apricot myrtle		I-L	U
<i>Piper caninum</i>	Piperaceae			E-I	V
<i>Piper novaehollandiae</i>	Piperaceae	giant pepper vine		E-I	V
<i>Pitavaster haplophyllus</i>	Rutaceae	yellow aspen		I	U
<i>Pittosporum rubiginosum</i>	Pittosporaceae	hairy red pittosporum		I	U
<i>Pleuranthodium racemigerum</i>	Zingiberaceae			I-L	U
<i>Podocarpus dispersus</i>	Podocarpaceae	broadleaf brown pine		L	U
<i>Polyalthia michaelii</i>	Annonaceae	canary beech	R	I-L	U
<i>Polyosma hirsuta</i>	Grossulariaceae	hairy polyosma		I-L	U
<i>Polyscias australiana</i>	Araliaceae	ivory boxwood		E	U
<i>Polyscias elegans</i>	Araliaceae	celery wood		E	C
<i>Polyscias mollis</i>	Araliaceae	grab me please		E	U
<i>Pothos longipes</i>	Araceae	candle vine		E-I-L	HE
<i>Prunus tumeriana</i>	Rosaceae	almond bark		E	C
<i>Pseuderanthemum variabile</i>	Acanthaceae			E-I-L	H
<i>Pseudevania villosa</i>	Annonaceae		R	L	U
<i>Psychotria</i> sp. Utchee Creek	Rubiaceae	big leaf psychotria		L	U
<i>Pyrrosia longifolia</i>	Polypodiaceae			I-L	HE
<i>Randia tuberculosa</i>	Rubiaceae			I	U
<i>Rhaphidophora australasica</i>	Araceae			L	HE
<i>Rhodamnia sessiliflora</i>	Myrtaceae	iron malleewood		E-I	U
<i>Rhodomyrtus macrocarpa</i>	Myrtaceae	finger cherry		I	U
<i>Ripogonum album</i>	Smilacaceae			I	V
<i>Rockinghamia angustifolia</i>	Euphorbiaceae	kamala		I	U
<i>Rourea brachyandra</i>	Connaraceae		R	I-L	V
<i>Rubus probus</i>	Rosaceae	wild raspberry		E	H
<i>Sageretia hamosa</i>	Rhamnaceae			I-L	V
<i>Salacia disepala</i>	Celastraceae			I-L	V
<i>Sarcopteryx martyana</i>	Sapindaceae	scrub tamarind		E-I	U
<i>Schefflera actinophylla</i>	Araliaceae	umbrella tree		E-I	E
<i>Schefflera elliptica</i>	Araliaceae			I	V
<i>Selaginella longipinna</i>	Selaginellaceae			L	F
<i>Siphonodon membranaceus</i>	Celastraceae	ivorywood		I-L	C
<i>Sloanea machbrydei</i>	Eleocarpaceae	grey carabeen		L	C
<i>Smilax calophylla</i>	Smilacaceae			I	V
<i>Solanum viridifolium</i>	Solanaceae	nightshade		E	S
<i>Symplocos cochinchinensis</i> var. <i>pilosiuscula</i>	Symplocaceae	white hazlewood		E-I	GT
<i>Symplocos paucistaminea</i>	Symplocaceae			I-L	U

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SCIENTIFIC NAME	FAMILY	COMMON NAME	NCA STATUS	SUCCESSIONAL STAGE	HABIT
<i>Synima cordierorum</i>	Sapindaceae	synima		I-L	U
<i>Syzygium alliligneum</i>	Myrtaceae	onionwood		L	C
<i>Syzygium cormiflorum</i>	Myrtaceae	bumpy satinash		L	C
<i>Syzygium gustavioides</i>	Myrtaceae	grey satinash		L	C
<i>Tabernaemontana pandacqui</i>	Apocynaceae	banana bush		I	U
<i>Tetracera nordtiana</i> var. <i>nordtiana</i>	Dilleniaceae	small-leaved fire vine		E-I	V
<i>Tetrasynandra laxiflora</i>	Monimiaceae	tetra beech		I-L	U
<i>Toechima erythrocarpum</i>	Sapindaceae	pink tamarind		I-L	U
<i>Ventilago ecorollata</i>	Rhamnaceae			E-I	U
<i>Viticipremna queenslandica</i>	Verbenaceae	vitex		I-L	U
<i>Wilkiea angustifolia</i>	Monimiaceae			L	U
<i>Wrightia laevis</i> ssp <i>millgar</i>	Apocynaceae	millgar		I-L	C
<i>Xanthophyllum octandrum</i>	Xanthophyllaceae	yellow boxwood		I-L	C

APPENDIX 2.2

SPECIES, STRATA OCCURRING AND DOMINANCE CATEGORY AT EACH TRANSECT

CONTROL SITE 1. NON-HIGHWAY SIDE TRANSECTS

17°36.872S 145°46.936E

14/06/02

Key:

	To one metre from Stake	To five metres from Stake
dominant	D	d
common	C	c
occasional	O	o
rare	R	r
introduced species	*	*

Site	-15 Metres						-10 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>				C						C		
* <i>Lantana camara</i>										C		
* <i>Melinis minutiflora</i>				D						D		
* <i>Panicum maximum</i>									C			
* <i>Solanum mauritianum</i>									O			
* <i>Ageratum conyzoides</i>				c						c		
* <i>Lantana camara</i>										c		
* <i>Melinis minutiflora</i>				d						d		
* <i>Panicum maximum</i>				c					c			
* <i>Solanum mauritianum</i>			o						o			
<i>Acacia celsa</i>									r			
<i>Acacia mangium</i>				r								
<i>Alphitonia petriei</i>				r								
<i>Cardwellia sublimis</i>									r			
<i>Castanospermum australe</i>									r			
<i>Omalanthus novo-guineensis</i>			r						o			

Site	-5 Metres						0 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>*Ageratum conyzoides</i>				C								
<i>*Lantana camara</i>				C						C		
<i>*Melinus minutiflora</i>				D						D		
<i>*Ageratum conyzoides</i>				c						c		
<i>*Lantana camara</i>				c						c		
<i>*Melinus minutiflora</i>				d						d		
<i>Acacia mangium</i>				r								
<i>Aleurites rockinghamensis</i>				r								
<i>Castanospermum australe</i>				r								

Site	5 Metres						8 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>*Axonopus fissifolius</i>				O								
<i>*Lantana camara</i>			O	O								
<i>Aglaia tomentosa</i>				O								
<i>Alangium villosum</i>									O			
<i>Argyrodendron peralatum</i>			C									
<i>Brombya platynema</i>								O				
<i>Calamus motii</i>				O	O							
<i>Cryptocarya murrayi</i>				O					R			
<i>Darlingia darlingiana</i>		C						O	O			
<i>Diploglottis smithii</i>	D											
<i>Epipremnum pinnatum</i>						O						
<i>Flindersia bourjotiana</i>			C									
<i>Litsea leefeana</i>			O									
<i>Niemeyera prunifera</i>										O		
<i>Pandorea pandorana</i>					O							
<i>Pilidiostigma tropicum</i>			C							O		
<i>Piper caninum</i>				R	R							
<i>Polyscias australiana</i>			R									
<i>Rourea brachyandra</i>					R							
<i>Sarcopteryx martyana</i>			C									
<i>Sloanea macbrydei</i>							R					
<i>Synima cordierorum</i>				O								
<i>Tetrasynandra laxiflora</i>			C						R			
<i>*Passiflora subpeltata</i>					o							
<i>Alangium villosum</i>									o			

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	5 Metres						8 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Alstonia muelleriana</i>	r											
<i>Archidendron whitei</i>			o									
<i>Asplenium australasicum</i>						o						o
<i>Asplenium laserpitiifolium</i>						o						o
<i>Austrosteenisia stipularis</i>			o		o				o		o	
<i>Bowenia spectabilis</i>				o						o		
<i>Brombya platynema</i>		o						o				
<i>Callicarpa longifolia</i>			o									
<i>Carronia protensa</i>					c						c	
<i>Castanospermum australe</i>				o								
<i>Corynocarpus cribbianus</i>		c						c				
<i>Darlingia darlingiana</i>								o	o			
<i>Diploglottis smithii</i>	c						c					
<i>Drynaria rigidula</i>						o						
<i>Embelia australiana</i>				o								
<i>Endiandra compressa</i>		o						o				
<i>Flindersia bourjotiana</i>		o						o				
<i>Litsea leefeana</i>	c						c					
<i>Melicope xanthoxyloides</i>	o											
<i>Melodinus australis</i>					c						c	
<i>Myristica globosa</i>	o	o	o	o			o	o	o	o		
<i>Neolitsea dealbata</i>		o						o				
<i>Niemeyera prunifera</i>									o			
<i>Ophioglossum pendulum</i>						o					o	
<i>Ripogonum album</i>					o						o	
<i>Sloanea macbrydei</i>	r						r					
<i>Synima cordierorum</i>		o						o				

Site	12 Metres						16 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Arthropteris palisotii</i>												R
<i>Arytera pauciflora</i>								R				
<i>Castanospermum australe</i>				R								
<i>Endiandra globosa</i>										R		
<i>Haplostichanthus</i> sp. Topaz								R				
<i>Melodinus australis</i>				R	R							
<i>Ripogonum album</i>				R	R							
<i>Alangium villosum</i>			o									
<i>Argyrodendron peralatum</i>	o		o				r					
<i>Arthropteris palisotii</i>												r
<i>Arytera pauciflora</i>								r				
<i>Asplenium australasicum</i>						o						
<i>Atractocarpus merikin</i>									r			
<i>Austromyrtus dallachiana</i>								o				
<i>Austrosteenisia stipularis</i>											r	
<i>Bowenia spectabilis</i>				o						r		
<i>Brombya platynema</i>		o						o				
<i>Carronia protensa</i>				o	o							
<i>Castanospermum australe</i>				r								
<i>Cryptocarya mackinnoniana</i>									o			
<i>Cryptocarya murrayi</i>			r									
<i>Cupaniopsis flagelliformis</i>										o		
<i>Darlingia darlingiana</i>		o	o							r		
<i>Diploglottis smithii</i>		o	o									
<i>Endiandra globosa</i>				r						r		
<i>Endiandra leptodendron</i>								o				
<i>Flindersia acuminata</i>								c				
<i>Flindersia bourjotiana</i>	r		r									
<i>Haplostichanthus</i> sp. Topaz								r				
<i>Ixora baileyana</i>										c		
<i>Litsea leefeana</i>	o						o		o			
<i>Melodinus australis</i>					o					o	o	
<i>Myristica globosa</i>	o	o	o	o			o			o		
<i>Niemeyera prunifera</i>				o						o		
<i>Pilidiostigma tropicum</i>				o								
<i>Pothos longipes</i>												o
<i>Ripogonum album</i>					o						o	
<i>Sloanea mcbrydei</i>							r					
<i>Symplocos cochinchinensis</i>									o			
<i>Tetrasynandra laxiflora</i>									r			
<i>Toechima erythrocarpum</i>								o				

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	20 Metres						25 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Atractocarpus merikin</i>			R									
<i>Austrosteenisia stipularis</i>					R							
<i>Bowenia spectabilis</i>				R								
<i>Brombya platynema</i>									O	O		
<i>Calamus australis</i>											C	
<i>Cissus vinosa</i>											O	
<i>Cryptocarya murrayi</i>							D					
<i>Darlingia darlingiana</i>				R								
<i>Dichapetalum papuanum</i>										O		
<i>Drynaria rigidula</i>												O
<i>Endiandra globosa</i>									O			
<i>Flindersia acuminata</i>							D					
<i>Litsea leefeana</i>			R									
<i>Melodinus australis</i>				R								
<i>Myristica globosa</i>				O								
<i>Niemeyera prunifera</i>				R								
<i>Pothos longipes</i>						R						
<i>Pyrrhosia longifolia</i>												O
<i>Rhaphidophora australasica</i>												O
<i>Salacia disepala</i>											O	
<i>Aglaia tomentosa</i>									o			
<i>Argyrodendron peralatum</i>							d	o				
<i>Atractocarpus merikin</i>									o			
<i>Austromyrtus dallachiana</i>		o										
<i>Brombya platynema</i>		o						c				
<i>Calamus australis</i>											c	
<i>Carronia pedicellata</i>											o	
<i>Corynocarpus cribbianus</i>									o			
<i>Cryptocarya mackinnoniana</i>			o									
<i>Cupaniopsis flagelliformis</i>				o								
<i>Diospyros</i> sp. Millaa Millaa									r			
<i>Doryphora aromatica</i>									o			
<i>Endiandra globosa</i>								o				
<i>Endiandra leptodendron</i>		o										
<i>Flindersia acuminata</i>		d										
<i>Ixora baileyana</i>				c								
<i>Melodinus australis</i>					o						o	
<i>Mischocarpus stipitatus</i>		o		c					o			
<i>Myristica globosa</i>	o								o			
<i>Neolitsea dealbata</i>									o			
<i>Pittosporum rubiginosum</i>									r			
<i>Psychotria</i> sp. Utchee Ck									o			
<i>Ripogonum album</i>					o							
<i>Symplocos cochinchinensis</i>			o						o			
<i>Synima cordierorum</i>								o				

Site	20 Metres						25 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Syzygium alliligneum</i>								o				
<i>Tetrasynandra laxiflora</i>									o			
<i>Toechima erythrocarpum</i>		o										

Site	30 Metres						50 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Argyrodendron peralatum</i>				O								
<i>Arthropteris palisotii</i>												O
<i>Atractocarpus merikin</i>									O			
<i>Austrosteenisia stipularis</i>					O							
<i>Bowenia spectabilis</i>				O						O		
<i>Brombya platynema</i>		R										
<i>Calamus caryotoides</i>				R								
<i>Carronia pedicellata</i>											O	
<i>Carronia protensa</i>											O	
<i>Cissus vinosa</i>					O							
<i>Colysis ampla</i>				R								
<i>Dichapetalum papuanum</i>				R								
<i>Diospyros</i> sp. Millaa Millaa									O			
<i>Endiandra globosa</i>				O								
<i>Endiandra insignis</i>			O									
<i>Erythroxylum ecarinatum</i>				R								
<i>Haplostichanthus</i> sp. Johnstone R.			O									
<i>Haplostichanthus</i> sp. Topaz			O									
<i>Ixora baileyana</i>										O		
<i>Lepiderema sericolignis</i>				O								
<i>Myristica globosa</i>			O									
<i>Niemeyera prunifera</i>			O	O					O			
<i>Podocarpus dispermus</i>			R									
<i>Pseuderanthemum variabile</i>				R								
<i>Synima cordierorum</i>									O			
<i>Acronychia vestita</i>							o					
<i>Argyrodendron peralatum</i>	c	o										
<i>Arytera pauciflora</i>		r										
<i>Asplenium australasicum</i>												c
<i>Austromyrtus dallachiana</i>		o						o				
<i>Brombya platynema</i>		o										
<i>Calamus australis</i>											c	

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	30 Metres						50 Metres					
CONTROL TRANSECT 1N	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Calamus caryotoides</i>											c	
<i>Citronella smythii</i>								c				
<i>Colysis ampla</i>			o									
<i>Cryptocarya murrayi</i>	o							o				
<i>Dysoxylum muelleri</i>							o					
<i>Flindersia bourjotiana</i>	o											
<i>Haplostichanthus</i> sp. Johnstone R.		o										
<i>Mackinlaya confusa</i>									o			
<i>Mischocarpus stipitatus</i>									o			
<i>Neolitsea dealbata</i>		o										
<i>Niemeyera prunifera</i>								o				
<i>Pothos longipes</i>						c						c
<i>Randia tuberculosa</i>									o			
<i>Rhodomyrtus macrocarpa</i>		o										
<i>Syzygium cormiflorum</i>							o					
<i>Tetrasynandra laxiflora</i>		o										
<i>Toechima erythrocarpum</i>								o				

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Site	100 Metres					
CONTROL TRANSECT 1N	Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte
<i>Aglaia tomentosa</i>			O			
<i>Blechnum cartilagineum</i>						O
<i>Brombya platynema</i>	D	D	C			
<i>Carronia pedicellata</i>					O	
<i>Diospyros</i> sp. Millaa Millaa			C			
<i>Ixora baileyana</i>				O		
<i>Niemeyera prunifera</i>			O			
<i>Pothos longipes</i>						O
<i>Aglaia tomentosa</i>		o	o			
<i>Atractocarpus hirtus</i>			o			
<i>Austrosteenisia stipularis</i>					d	
<i>Beilschmiedia tooram</i>		o				
<i>Bowenia spectabilis</i>				o		
<i>Blechnum cartilagineum</i>						o
<i>Brombya platynema</i>	d	d	c			
<i>Carronia pedicellata</i>					o	
<i>Castanospermum australe</i>	c					
<i>Diospyros</i> sp. Millaa Millaa			c			
<i>Doryphora aromatica</i>	d	d				
<i>Flindersia bourjotiana</i>	c					
<i>Haplostichanthus</i> sp. Topaz			o			
<i>Ixora baileyana</i>				o		
<i>Niemeyera prunifera</i>			o			
<i>Pothos longipes</i>						o
<i>Pseuduvaria villosa</i>			o			
<i>Toechima erythrocarpum</i>			o			
<i>Viticipremna queenslandica</i>			o			
<i>Wilkiea angustifolia</i>			o			

CONTROL SITE 2. NON-HIGHWAY SIDE TRANSECTS

17°36.895S 145°47.127E
20/06/02

Key:

	To one metre from Stake	To five metres from Stake
dominant	D	d
common	C	c
occasional	O	o
rare	R	r
introduced species	*	*

Site	-20 Metres						-15 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>										O		
* <i>Lantana camara</i>										R		
* <i>Melinis minutiflora</i>										C		
* <i>Panicum maximum</i>			D						D			
* <i>Stylosanthes humilis</i>										O		
<i>Cissus vinosa</i>											R	
* <i>Ageratum conyzoides</i>				o						o		
* <i>Lantana camara</i>			r						c			
* <i>Melinis minutiflora</i>			c							c-d		
* <i>Panicum maximum</i>			d						d			
* <i>Rubus alceifolius</i>			o						c			
* <i>Solanum mauritianum</i>							r					
* <i>Stylosanthes humilis</i>			o							o		
<i>Rubus probus</i>										r		

Site	-10 Metres						-5 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>*Lantana camara</i>			C	C					D	C		
<i>*Melinus minutiflora</i>			C-D	O						C		
<i>*Rubus alceifolius</i>			C	C					C	C		
<i>*Ageratum conyzoides</i>				c						c		
<i>*Lantana camara</i>			c-d						c-d			
<i>*Melinus minutiflora</i>				c-d						c-d		
<i>*Panicum maximum</i>			c-d						c			
<i>*Rubus alceifolius</i>			c						c			
<i>*Stylosanthes humilis</i>				c						c		
<i>Bowenia spectabilis</i>				r						r		
<i>Cissus vinosa</i>					r							

Site	0 Metres						5 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>*Lantana camara</i>			D	D								
<i>*Melinus minutiflora</i>				C								
<i>*Rubus alceifolius</i>			C	C					D	D		
<i>*Stylosanthes humilis</i>				C								
<i>Helicia nortoniana</i>										O		
<i>Oplismenus hirtellus</i>										C		
<i>Piper novae-hollandiae</i>											O	
<i>Tetrasynandra laxiflora</i>										O		
<i>*Ageratum conyzoides</i>				c								
<i>*Lantana camara</i>			d	d					c			
<i>*Melinus minutiflora</i>				c						o		
<i>*Rubus alceifolius</i>			c	c					d	d		
<i>*Stylosanthes humilis</i>				c						o		
<i>Alocasia brisbanensis</i>										r		
<i>Cissus vinosa</i>					o							
<i>Diploglottis smithii</i>										o		
<i>Flindersia acuminata</i>							o			o		
<i>Ichnocarpus frutescens</i>					o							
<i>Omalanthus novo-guineensis</i>				r								
<i>Oplismenus hirtellus</i>										c		
<i>Piper novae-hollandiae</i>											o	
<i>Pitaviaster haplophyllus</i>								o				
<i>Toechima erythrocarpum</i>								o				

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	8 Metres						12 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>*Rubus alceifolius</i>			O	O								
<i>Argyrodendron trifoliolatum</i>										O		R
<i>Asplenium australasicum</i>							O					O
<i>Carronia pedicellata</i>								O	O	O	O	
<i>Cordyline cannifolia</i>										O		
<i>Flindersia acuminata</i>	O			O								
<i>Gmelina fasciculiflora</i>									O			
<i>Litsea leefeana</i>				R								
<i>Medicosma fareana</i>										O		
<i>Myristica globosa</i>								O	O			O
<i>Neolitsea dealbata</i>				O								
<i>Niemeyera prunifera</i>				C						O		
<i>Pitaviaster haplophyllus</i>			O	O								
<i>Raphidophora australasica</i>							O		O			O
<i>Rockinghamia angustifolia</i>			O	O						O		
<i>Sageretia hamosa</i>					O							
<i>Smilax calophylla</i>									O		O	
<i>Tetrasynandra laxiflora</i>				C					C			
<i>Toechima erythrocarpum</i>		O						O		O		
<i>Aglaia tomentosa</i>								o				
<i>Argyrodendron peralatum</i>							o	o	o			
<i>Argyrodendron trifoliolatum</i>									o			
<i>Atractocarpus hirtus</i>									o			
<i>Beilschmiedia bancroftii</i>		o										
<i>Beilschmiedia tooram</i>			o					o	o	c		
<i>Bowenia spectabilis</i>										o		
<i>Carronia pedicellata</i>		o	o		o							
<i>Cordyline cannifolia</i>				o								
<i>Desmos gozeanus</i>			o		o							
<i>Diospyros</i> sp. Millaa Millaa				r					o			
<i>Diploglottis smithii</i>	o											
<i>Doryphora aromatica</i>									o			
<i>Elaeagnus triflora</i>		c	c		c							
<i>Endiandra sankeyana</i>		c										
<i>Flagellaria indica</i>			o		o							
<i>Haplostichanthus</i> sp. Topaz									o			
<i>Helicia nortoniana</i>		o										
<i>Ixora baileyana</i>										c		
<i>Linospadix microcarya</i>										o		
<i>Litsea leefeana</i>				o			o		o			
<i>Medicosma fareana</i>			o									
<i>Melicope xanthoxyloides</i>								o				
<i>Neolitsea dealbata</i>									c			
<i>Niemeyera prunifera</i>			c	c								
<i>Oplismenus hirtellus</i>										o		

Site	8 Metres						12 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Pitaviaster haplophyllus</i>		o							o	d		
<i>Pothos longipes</i>			o			o						
<i>Psychotria</i> sp. Utchee Ck									r			
<i>Rockinghamia angustifolia</i>			o									
<i>Siphonodon membranaceum</i>			o									
<i>Smilax calophylla</i>			c		c							
<i>Synima cordierorum</i>			o						o			
<i>Tetracera nordtiana</i>							o	o	o		o	
<i>Tetrasynandra laxiflora</i>	o								c			

Site	16 Metres						20 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Aglaiia tomentosa</i>										C		
<i>Argyrodendron peralatum</i>										O		
<i>Bowenia spectabilis</i>				O								
<i>Calamus australis</i>				O	O							
<i>Carronia pedicellata</i>				C	C					O	O	
<i>Diospyros</i> sp. <i>Millaa Millaa</i>				O								
<i>Gmelina fasciculiflora</i>				O								
<i>Helicia nortoniana</i>				O								
<i>Melodinus australis</i>				O	O							
<i>Mischocarpus stipitatus</i>										D		
<i>Pothos longipes</i>									O			O
<i>Randia tuberculosa</i>				O								
<i>Ripogonum album</i>										C	C	
<i>Smilax calophylla</i>				O	O							
<i>Toechima erythrocarpum</i>				O								
<i>Xanthophyllum octandrum</i>									O			
<i>Aglaiia tomentosa</i>				c					o			
<i>Apodytes brachystylis</i>								o				
<i>Argyrodendron peralatum</i>	o			c				o				
<i>Asplenium australasicum</i>						o						
<i>Atractocarpus merikin</i>									r			
<i>Austromyrthus dallachiana</i>									r			
<i>Beilschmiedia tooram</i>	o											
<i>Bowenia spectabilis</i>				c								
<i>Brombya platynema</i>			o					o	c			
<i>Calamus australis</i>		c	c		c					c	c	

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	16 Metres						20 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Carronia pedicellata</i>										c	c	
<i>Castanospermum australe</i>								o				
<i>Citronella smythii</i>								o				
<i>Corynocarpus cribbianus</i>									o			
<i>Elaeocarpus grandis</i>								o	o	o		
<i>Endiandra monothyra</i>			o									
<i>Flagellaria indica</i>			o		o							
<i>Flindersia bourjotiana</i>									o			
<i>Guioa lasioneura</i>			o									
<i>Haplostichanthus</i> sp. Topaz									o			
<i>Ixora baileyana</i>				c						c		
<i>Myristica globosa</i>				o					o			
<i>Neolitsea dealbata</i>		o										
<i>Niemeyera prunifera</i>				c				o				
<i>Pararistolochia australopithecurus</i>			c		c							
<i>Pitaviaster haplophyllus</i>		o	o									
<i>Polyalthia michaelii</i>			o									
<i>Polyscias elegans</i>	o											
<i>Pothos longipes</i>		o	o			o						
<i>Psychotria</i> sp. Utchee Ck				o								
<i>Rockinghamia angustifolia</i>			o					o	o			
<i>Synima cordierorum</i>							o		o			
<i>Tetracera nordtiana</i>	o	o	o		o							
<i>Tetrasynandra laxiflora</i>			o						o			
<i>Toechima erythrocarpum</i>								o				
<i>Xanthophyllum octandrum</i>									o			

Site	25 Metres						30 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Aglaia tomentosa</i>									O			
<i>Calamus australis</i>										O	O	
<i>Cissus vinosa</i>											O	
<i>Colysis ampla</i>												O
<i>Doryphora aromatica</i>							O					
<i>Endiandra sankeyana</i>										O		
<i>Freycinetia excelsa</i>								C	C		C	
<i>Haplostichanthus</i> sp. Johnstone R										O		
<i>Hoya pottsii</i>											R	
<i>Medicosma fareana</i>			O									
<i>Melodorum uhrii</i>										O	O	
<i>Mischocarpus stipitatus</i>				D						C		
<i>Prunus turneriana</i>										O		
<i>Raphidophora australasica</i>							O	O	O			O
<i>Selaginella longipinna</i>										D		
<i>Tetracera nordtiana</i>								O	O		O	
<i>Acmena divaricata</i>			o									
<i>Aglaia tomentosa</i>		c						o				
<i>Argyrodendron peralatum</i>									o			
<i>Atractocarpus hirtus</i>									o			
<i>Atractocarpus merikin</i>									o			
<i>Austromyrtus dallachiana</i>								o	o			
<i>Beilschmiedia bancroftii</i>							o		c			
<i>Beilschmiedia tooram</i>			o						o	o		
<i>Bowenia spectabilis</i>										o		
<i>Calamus australis</i>			c	c	c			c	c	c	c	
<i>Cryptocarya pleurosperma</i>									o			
<i>Dysoxylum oppositifolium</i>										r		
<i>Elaeocarpus grandis</i>		o										
<i>Erycibe coccinea</i>								r	r		r	
<i>Freycinetia excelsa</i>				o	o							
<i>Gillbeea adenopetala</i>									o			
<i>Haplostichanthus</i> sp Topaz									o			
<i>Hypserpa laurina</i>								o	o		o	
<i>Linospadix microcarya</i>										c		
<i>Medicosma fareana</i>									o			
<i>Melodinus bacellianus</i>			o		o							
<i>Mischocarpus stipitatus</i>								o		d		
<i>Myristica globosa</i>		c							o			
<i>Niemeyera prunifera</i>			o	o				o	o			
<i>Opistheolepis heterophylla</i>									r	r		
<i>Pitaviaster haplophyllus</i>									o			
<i>Polyscias elegans</i>		o										
<i>Pothos longipes</i>			o			o						

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	25 Metres						30 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Prunus turneriana</i>										o		
<i>Raphidophora australasica</i>		c	c			c						
<i>Rockinghamia angustifolia</i>		c						o				
<i>Rourea brachyandra</i>									r		r	
<i>Selaginella longipinna</i>				c-d						d		
<i>Smilax calophylla</i>									o	o	o	
<i>Symplocos cochinchinensis</i>		o										
<i>Symplocos paucistaminea</i>									o			
<i>Synima cordierorum</i>	o	c							o			
<i>Xanthophyllum octandrum</i>			c									

Site	50 Metres						100 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Alpinia modesta</i>										D		
<i>Argyrodendron peralatum</i>				R								
<i>Arthropteris palisotii</i>			O			O						
<i>Beilschmiedia bancroftii</i>								O				
<i>Bowenia spectabilis</i>										O		
<i>Calamus caryotoides</i>									O		O	
<i>Cardiopteris moluccana</i>												O
<i>Carronia pedicellata</i>										O	O	
<i>Carronia protensa</i>				O	O							
<i>Cryptocarya murrayi</i>				C					O			
<i>Desmos goezeana</i>									O		O	
<i>Diospyros</i> sp. Millaa Millaa				R								
<i>Diploglottis smithii</i>										D		
<i>Endiandra monothyra</i>										O		
<i>Flagellaria indica</i>				R	R							
<i>Guioa lasioneura</i>			O									
<i>Ixora baileyana</i>										O		
<i>Niemeyera prunifera</i>			O									
<i>Pothos longipes</i>			O			O						
<i>Pseuduvaria villosa</i>				R								
<i>Selaginella longipinna</i>				C								
<i>Smilax calophylla</i>										O	O	
<i>Tetrasynandra laxiflora</i>				O								
<i>Toechima erythrocarpum</i>										O		
<i>Acmena graveolens</i>			o									
<i>Aglaiia tomentosa</i>			o						c			

Site	50 Metres						100 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Alangium villosum</i>								o				
<i>Alpinia modesta</i>				c						c		
<i>Apodytes brachystylis</i>				o								
<i>Argyrodendron peralatum</i>				c								
<i>Asplenium australasicum</i>												c
<i>Atractocarpus hirtus</i>									o			
<i>Austrosteenisia stipularis</i>							o	o	o		o	
<i>Beilschmiedia bancroftii</i>			o						o			
<i>Beilschmiedia tooram</i>		o							o			
<i>Bowenia spectabilis</i>				o								
<i>Breynia stipitata</i>			o									
<i>Brombya platynema</i>			c									
<i>Calamus australis</i>								c	c		c-d	
<i>Calamus caryotoides</i>									c		c-d	
<i>Cardiopteris moluccana</i>								o	o			o
<i>Castanospermum australe</i>	o	o										
<i>Corymborkis veratrifolia</i>				c								
<i>Cryptocarya angulata</i>				o								
<i>Cryptocarya mackinnoniana</i>										o		
<i>Daphnandra repandula</i>			o						o	o		
<i>Dichapetalum papuanum</i>			o		o							
<i>Diospyros</i> sp. Millaa Millaa			o									
<i>Diploglottis smithii</i>							o					
<i>Doryphora aromatica</i>									o			
<i>Drynaria rigidula</i>												c
<i>Endiandra globosa</i>									o			
<i>Endiandra insignis</i>							o					
<i>Endiandra monothyra</i>							o		c			
<i>Epipremnum pinnatum</i>								o	o			o
<i>Flagellaria indica</i>								c	c		c	
<i>Gillbeea adenopetala</i>	o											
<i>Haplostichanthus</i> sp. Johnstone R									o			
<i>Haplostichanthus</i> sp. Topaz			c									
<i>Ixora baileyana</i>				c								
<i>Neolitsea dealbata</i>				o								
<i>Niemeyera prunifera</i>		o	o									
<i>Opistheolepis heterophylla</i>		o										
<i>Pitaviaster haplophyllus</i>		o	o									
<i>Pittosporum rubiginosum</i>									r			
<i>Polyosma hirsuta</i>			o									
<i>Pothos longipes</i>		c	c			c		c	c			c-d
<i>Prunus tumeriana</i>			o									
<i>Psychotria</i> sp. Utchee Ck			o									
<i>Raphidophora australasica</i>		c	c			c		c	c			c-d

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	50 Metres						100 Metres					
CONTROL SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
<i>Rockinghamia angustifolia</i>							o					
<i>Selaginella longipinna</i>				c-d						d		
<i>Symplocos cochinchinensis</i>			o									
<i>Toechima erythrocarpum</i>		c	c					o				
<i>Xanthophyllum octandrum</i>			o									

REHABILITATION SITE 1. NON-HIGHWAY SIDE TRANSECTS

17°36.945S 145°47.748E

20/6/02

Key:

	To one metre from Stake	To five metres from Stake
dominant	D	d
common	C	c
occasional	O	o
rare	R	r
introduced species	*	*

Site	-20 Metres						-15 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>				C					C			
* <i>Crassocephalum crepidiodes</i>				R								
* <i>Panicum maximum</i>				O					D			
* <i>Ageratum conyzoides</i>				c					c			
* <i>Brachiaria decumbens</i>				c								
* <i>Crassocephalum crepidiodes</i>				o					o			
* <i>Crotalaria pallida</i>				o								
* <i>Melinis minutiflora</i>				c					o			
* <i>Panicum maximum</i>				c					c			
<i>Acacia celsa</i>	o						o					
<i>Alphitonia petriei</i>	o						o					
<i>Elaeocarpus grandis</i>	o						o					

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	-10 Metres						-5 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>				C-D						C		
* <i>Crassocephalum crepidiodes</i>				O						O		
* <i>Panicum maximum</i>				O						O		
<i>Alphitonia petriei</i>							O					
* <i>Ageratum conyzoides</i>				c-d						c		
* <i>Crassocephalum crepidiodes</i>				o						o		
* <i>Panicum maximum</i>				c-d						c		
<i>Acacia celsa</i>	o						o					
<i>Alphitonia petriei</i>	o						o					
<i>Elaeocarpus grandis</i>	o						o					
<i>Mallotus paniculatus</i>			r									

Site	0 Metres						5 Metres (Edge)					
REHABILITATION SITE 1	Abundance rank						Abundance rank					
Species	Canopy	Sub-canopy	Understorey	Groundcover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>				D								
* <i>Lantana camara</i>				D								
<i>Bowenia spectabilis</i>										O		
<i>Cissus vinosa</i>					O						O	
<i>Diploglottis smithii</i>									O	C		
<i>Endiandra globosa</i>										C		
<i>Flagellaria indica</i>											O	
<i>Litsea leefeana</i>										O		
<i>Neolitsea dealbata</i>										C		
<i>Solanum viridifolium</i>				O								
<i>Tabernaemontana pandacqui</i>				O								
<i>Testrasynandra laxiflora</i>										O		
<i>Xanthophyllum octandrum</i>									O	O		
* <i>Ageratum conyzoides</i>				d				o	o	c		

Site	0 Metres						5 Metres (Edge)					
REHABILITATION SITE 1	Abundance rank						Abundance rank					
Species	Canopy	Sub-canopy	Understorey	Groundcover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>*Crassocephalum crepidiodes</i>				o								
<i>*Lantana camara</i>			d	d						c		
<i>*Panicum maximum</i>				o								
<i>*Rubus alceifolius</i>			o	o								
<i>Acacia celsa</i>	o											
<i>Alocasia brisbanensis</i>				r								
<i>Alphitonia petriei</i>	o											
<i>Alpinia modesta</i>										c		
<i>Argyrodendron peralatum</i>				o								
<i>Bowenia spectabilis</i>										c		
<i>Cardwellia sublimis</i>				o			o					
<i>Cissus vinosa</i>											o	
<i>Elaeocarpus grandis</i>	o											
<i>Embelia australiana</i>											o	
<i>Guoia lasioneura</i>									o			
<i>Hypserpa smilacifolia</i>											o	
<i>Ichnocarpus frutescens</i>					o							
<i>Rhodamnia sessiliflora</i>								o				
<i>Ripogonum album</i>											o	
<i>Rubus probus</i>				o								
<i>Synima cordierorum</i>				o								
<i>Toechima erythrocarpum</i>									o			

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	8 Metres						12 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Alpinia modesta</i>										O		
<i>Argyrodendron peralatum</i>										O		
<i>Arthropteris palisotii</i>						O						
<i>Cardwellia sublimis</i>				C								
<i>Carnarvonia araliifolia</i>				O								
<i>Carronia protensa</i>				C	C					C	C	
<i>Castanospermum australe</i>			O									
<i>Citronella smythii</i>								O				
<i>Dichapetalum papuanum</i>				O								
<i>Diploglottis smithii</i>				C					O			
<i>Endiandra globosa</i>										O		
<i>Ixora baileyana</i>										C		
<i>Litsea leefeana</i>	O											
<i>Medicosma fareana</i>			O									
<i>Mischocarpus stipitatus</i>			O									
<i>Myristica globosa</i>				C								
<i>Neolitsea dealbata</i>				O								
<i>Polyscias elegans</i>								O				
<i>Rhodamnia sessiliflora</i>				O								
<i>Synima cordierorum</i>	O											
<i>Tetrasynandra laxiflora</i>				C								
<i>Toechima erythrocarpum</i>				O								
<i>Ventilago ecorollata</i>											O	
<i>Alpinia modesta</i>				c						c		
<i>Arthropteris palisotii</i>			o			o						
<i>Arytera pauciflora</i>			o									
<i>Beilschmiedia tooram</i>			c									
<i>Bowenia spectabilis</i>				c						o		
<i>Cardwellia sublimis</i>			c									
<i>Castanospermum australe</i>									o			
<i>Cryptocarya mackinnoniana</i>			o									
<i>Darlingia darlingiana</i>								o				
<i>Diploglottis smithii</i>	c								c			
<i>Endiandra monothyra</i>		o										

Site	8 Metres						12 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Flindersia acuminata</i>									o			
<i>Helicia nortoniana</i>									o			
<i>Ixora baileyana</i>										c		
<i>Litsea leefeana</i>			o									
<i>Melicope vitiflora</i>									o			
<i>Myristica globosa</i>								o				
<i>Pittosporum rubiginosum</i>									r			
<i>Polyscias elegans</i>							o					
<i>Polyscias mollis</i>							o					
<i>Smilax calophylla</i>					o							
<i>Synima cordierorum</i>									c			
<i>Xanthophyllum octandrum</i>			o									

Site	16 Metres						20 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Alpinia modesta</i>				O								
<i>Asplenium australasicum</i>												C
<i>Bowenia spectabilis</i>										O		
<i>Carronia pedicellata</i>				C	C							
<i>Carronia protensa</i>										O	O	
<i>Castanospermum australe</i>										O		
<i>Cryptocarya mackinnoniana</i>				O						O		
<i>Darlingia darlingiana</i>								O				
<i>Diospyros</i> sp. Millaa Millaa										O		
<i>Diploglottis smithii</i>			O	O								
<i>Epipremnum pinnatum</i>								C	C			C
<i>Helicia nortoniana</i>										O		
<i>Melodinus australis</i>										O	O	
<i>Myristica globosa</i>			O							O		
<i>Piper novae-hollandiae</i>										O	O	

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	16 Metres						20 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Synima cordierorum</i>			C	C						O		
<i>Wilkiea angustifolia</i>				O								
<i>Xanthophyllum octandrum</i>								O				
<i>Aglaia tomentosa</i>		o	o						c			
<i>Argyrodendron peralatum</i>	o						o					
<i>Bowenia spectabilis</i>				c								
<i>Brombya platynema</i>		o						o				
<i>Calamus australis</i>		c	c	o	c			c-d	c-d	c	c-d	
<i>Calamus caryotoides</i>			o	o	o							
<i>Castanospermum australe</i>									c	c		
<i>Cryptocarya mackinnoniana</i>							o					
<i>Darlingia darlingiana</i>							o					
<i>Dysoxylum oppositifolium</i>			o									
<i>Galbulimima baccata</i>							o					
<i>Myristica globosa</i>							o	c	c			
<i>Pandanus monticola</i>			o	o								
<i>Polyalthia michaelii</i>	o	o										
<i>Polyscias australiana</i>			o									
<i>Pothos longipes</i>								c	c			c
<i>Rhodomyrtus macrocarpa</i>								c				
<i>Synima cordierorum</i>									c	c		
<i>Toechima erythrocarpum</i>	o		o									
<i>Wrightia laevis</i>	o						o					

Site	25 Metres						30 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Aglaia tomentosa</i>				C								
<i>Antidesma erostre</i>				R								
<i>Argyrodendron peralatum</i>				C								
<i>Bowenia spectabilis</i>									C			
<i>Calamus australis</i>									O			
<i>Carronia pedicellata</i>				C					O			
<i>Castanospermum australe</i>			O									
<i>Cryptocarya mackinnoniana</i>				O								
<i>Cryptocarya pleurosperma</i>									O			
<i>Diospyros</i> sp. Millaa Millaa									O			
<i>Dysoxylum parasiticum</i>									O			
<i>Helicia nortoniana</i>				O								
<i>Ixora baileyana</i>									C			
<i>Myristica globosa</i>			O						O			
<i>Neolitsea dealbata</i>				O								
<i>Pandanus monticola</i>				C								
<i>Rourea brachyandra</i>					R							
<i>Synima cordierorum</i>									C			
<i>Aglaia tomentosa</i>			c						c			
<i>Alangium villosum</i>									o			
<i>Apodytes brachystylis</i>									o			
<i>Argyrodendron peralatum</i>							o	c	o			
<i>Asplenium australasicum</i>		o				o						
<i>Austromyrtus dallachiana</i>									o			
<i>Beilschmiedia tooram</i>										c		
<i>Bowenia spectabilis</i>										c		
<i>Brombya platynema</i>		o						c	c			
<i>Calamus australis</i>		c	c		c			c	c	c	c	
<i>Calamus caryotoides</i>										o	o	
<i>Castanospermum australe</i>							o					
<i>Darlingia darlingiana</i>	o											
<i>Delarbrea michieana</i>			o						o			
<i>Desmos goezeana</i>										c	c	

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	25 Metres						30 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Diospyros</i> sp. Millaa Millaa										o		
<i>Epipremnum pinnatum</i>		o	o			o						
<i>Ficus pleurocarpa</i>							o					
<i>Haplostichanthus</i> sp. Topaz								o				
<i>Ixora baileyana</i>										d		
<i>Linospadix microcarya</i>										c		
<i>Melodinus australis</i>											o	
<i>Neolitsea dealbata</i>										o		
<i>Pandanus monticola</i>				c								
<i>Ptilidiostigma tropicum</i>		o										
<i>Pseuduvaria villosa</i>			o									
<i>Synima cordierorum</i>										c		
<i>Toechima erythrocarpum</i>							o	o				
<i>Xanthophyllum octandrum</i>			c							o		

Site	50 Metres						100 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Can-opy	Subcanopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Acmena divaricata</i>				O								
<i>Acronychia vestita</i>				O								
<i>Aglaia tomentosa</i>									C	C		
<i>Alpinia arctiflora</i>				O								
<i>Alpinia modesta</i>				C						O		
<i>Argyrodendron peralatum</i>				C					C	C		
<i>Atractocarpus merikin</i>										O		
<i>Austromyrtus dallachiana</i>										O		
<i>Bowenia spectabilis</i>				O								
<i>Calamus australis</i>			O	O	O							
<i>Carronia protensa</i>											O	
<i>Castanospermum australe</i>									O			
<i>Cryptocarya mackinnoniana</i>								O				
<i>Cryptocarya murrayi</i>										O		
<i>Cryptocarya pleurosperma</i>										C		
<i>Desmos goezeanus</i>										O	O	
<i>Diploglottis smithii</i>			O	C								
<i>Helicia nortoniana</i>				O					O	O		
<i>Mischocarpus stipitatus</i>				C					O	O		
<i>Piper novae-hollandiae</i>										O	O	
<i>Pothos longipes</i>								O	O			O
<i>Rhodomyrtus macrocarpa</i>									R			
<i>Rourea brachyandra</i>				R	R					C	C	
<i>Synima cordierorum</i>									C	O		
<i>Syzygium alliiigneum</i>									O			
<i>Tetrasynandra laxiflora</i>				C								
<i>Toechima erythrocarpum</i>				O								
<i>Acmena graveolens</i>	o							o				
<i>Acronychia vestita</i>		o										
<i>Aglaia tomentosa</i>									c			
<i>Alpinia modesta</i>				c-d						c		
<i>Apodytes brachystylis</i>		o										
<i>Ardisia pachyrrachis</i>									o			

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	50 Metres						100 Metres					
REHABILITATION SITE 1	Abundance Rank						Abundance Rank					
Species	Can-opy	Subcanopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Argyrodendron peralatum</i>							c					
<i>Arthropteris palisotii</i>									c			c
<i>Asplenium australasicum</i>		c				c		c	c			c
<i>Austromyrtus dallachiana</i>			o					o	o			
<i>Austrosteenisia stipularis</i>							o	o	o		o	
<i>Backhousia bancroftii</i>			o									
<i>Beilschmiedia bancroftii</i>									o			
<i>Beilschmiedia tooram</i>		o								c		
<i>Blechnum cartilagineum</i>										c		
<i>Bowenia spectabilis</i>				c						c		
<i>Breynia stipitata</i>										c		
<i>Brombya platynema</i>		o	o					c	c			
<i>Calamus australis</i>		o	o	c	c			c	c	c	c	
<i>Calamus caryotoides</i>				o								
<i>Carronia pedicellata</i>		o	o		o			o	o		o	
<i>Castanospermum australe</i>			o				o					
<i>Connarus conchocarpus</i>								o	o		o	
<i>Cryptocarya grandis</i>									o			
<i>Cryptocarya mackinnoniana</i>	o						o	o				
<i>Daphnandra repandula</i>			o									
<i>Darlingia darlingiana</i>									o	o		
<i>Davidsonia pruriens</i>								o	o			
<i>Desmos goezeanus</i>										c	o	
<i>Diospyros</i> sp. Millaa Millaa										c		
<i>Diploglottis smithii</i>										c		
<i>Dysoxylum klanderi</i>			o									
<i>Endiandra compressa</i>									o			
<i>Endiandra globosa</i>				c			o					
<i>Epipremnum pinnatum</i>		c	c			c		c	c			c
<i>Erythroxylum ecarinatum</i>										c		
<i>Flindersia acuminata</i>									o			

Site	50 Metres						100 Metres					
REHABILITATION SITE 1	Abundance Rrank						Abundance Rrank					
Species	Can-opy	Subcanopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Flindersia bourjotiana</i>							o					
<i>Franciscodendron laurifolium</i>									o			
<i>Haplostichanthus</i> sp. Topaz									o	c		
<i>Ixora baileyana</i>										c		
<i>Litsea leefeana</i>				c								
<i>Maclura cochinchinensis</i>								o	o		o	
<i>Medicosma fareana</i>		o							c			
<i>Melodinus australis</i>								o	o		o	
<i>Mischocarpus stipitatus</i>								o	o			
<i>Myristica globosa</i>		c	c							o		
<i>Neolitsea dealbata</i>			c									
<i>Pilidiostigma tropicum</i>									o			
<i>Polyscias elegans</i>	o											
<i>Pothos longipes</i>								c	c			c
<i>Raphidophora australasica</i>								c	c			c
<i>Rhodomyrtus macrocarpa</i>		o										
<i>Schefflera elliptica</i>					o							
<i>Smilax calophylla</i>									o		o	
<i>Symplocos cochinchinensis</i>			o						o			
<i>Tetrasynandra laxiflora</i>			o									
<i>Toechima erythrocarpum</i>									o			
<i>Xanthophyllum octandrum</i>									o			

REHABILITATION SITE 2. NON-HIGHWAY SIDE TRANSECTS

17°36.899S 145°46.188E
14/06/02

Key:

	To one metre from Stake	To five metres from Stake
dominant	D	d
common	C	c
occasional	O	o
rare	R	r
introduced species	*	*

Site	-20 Metres						-15 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Under-storey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Under-storey	Ground-Cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>				D						C		
* <i>Crassocephalum crepidioides</i>										O		
* <i>Erechtites valerianifolia</i>				O								
* <i>Melinis minutiflora</i>				C						C		
* <i>Ageratum conyzoides</i>				d						c		
* <i>Crassocephalum crepidioides</i>				o						o		
* <i>Erechtites valerianifolia</i>				c						o		
* <i>Melinis minutiflora</i>				c						c		
* <i>Panicum maximum</i>				o								
* <i>Solanum mauritianum</i>			o									
* <i>Solanum torvum</i>				c								
<i>Acacia celsa</i>	r						r					
<i>Alphitonia petriei</i>	r						r					
<i>Elaeocarpus grandis</i>	r						r					

Site	-10 Metres						-5 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
* <i>Ageratum conyzoides</i>				C						C		
* <i>Crassocephalum crepidioides</i>				O								
* <i>Melinis minutiflora</i>										C		
* <i>Ageratum conyzoides</i>				c						c		
* <i>Crassocephalum crepidioides</i>				o						o		
* <i>Melinis minutiflora</i>				o						c		
<i>Acacia celsa</i>	r						r					
<i>Alphitonia petriei</i>	r						r					
<i>Elaeocarpus grandis</i>	r						r					
<i>Ichnocarpus frutescens</i>										o	o	

Site	0 Metres						5 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
* <i>Melinis minutiflora</i>				C								
* <i>Panicum maximum</i>				C					R			
* <i>Sida rhombifolia</i>				O								
<i>Chionanthus ramiflora</i>									O			
<i>Cryptocarya murrayi</i>										O		
<i>Endiandra globosa</i>									O			
<i>Neolitsea dealbata</i>										O		
<i>Piper novae-hollandiae</i>								O	O		O	
<i>Rubus probus</i>				O								
<i>Solanum viridifolium</i>										O		
<i>Synima cordierorum</i>										O		
<i>Tetrasynandra laxiflora</i>									O			
* <i>Triumfetta rhomboidea</i>				o								
<i>Beilschmiedia tooram</i>									o			
<i>Bowenia spectabilis</i>				o								
<i>Camaronia araliifolia</i>									r			
<i>Castanospermum australe</i>									o			
<i>Cissus vinosa</i>					c							
<i>Cryptocarya murrayi</i>								c				
<i>Diploglottis smithii</i>								c				
<i>Doryphora aromatica</i>									o			
<i>Dysoxylum parasiticum</i>									o			

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	0 Metres						5 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Endiandra insignis</i>									o			
<i>Epipremnum pinnatum</i>												O
<i>Glochidion harveyanum</i>									o			
<i>Helicia nortoniana</i>									r			
<i>Ichnocarpus frutescens</i>					o							
<i>Litsea leefeana</i>								o				
<i>Melicope xanthoxyloides</i>			c									
<i>Melodinus australis</i>											o	
<i>Melodorum uhrii</i>									r		r	
<i>Myristica globosa</i>									c			
<i>Neolitsea dealbata</i>									o			
<i>Niemeyera prunifera</i>									o			
<i>Pandorea pandorana</i>					o							
<i>Pilidiostigma tropicum</i>									o			
<i>Piper novaehollandiae</i>					o							
<i>Polyalthia michaelii</i>									o			
<i>Polyosma hirsuta</i>									r			
<i>Polyscias australiana</i>									o			
<i>Rockinghamia angustifolia</i>									r			
<i>Sarcopteryx martyana</i>									o			
<i>Schefflera elliptica</i>											o	
<i>Solanum viridifolium</i>			c									
<i>Syzygium gustavioides</i>							d					
<i>Tetrasynandra laxiflora</i>									o			

Site	8 Metres						12 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Aglaia tomentosa</i>				o								
<i>Apodytes brachystylis</i>								o	o	o		
<i>Arthropteris palisotii</i>											o	
<i>Cardwellia sublimis</i>			o	o								
<i>Cissus vinosa</i>		o			o							
<i>Cryptocarya murrayi</i>								o		c		
<i>Diospyros</i> sp. Millaa Millaa									R			
<i>Ichnocarpus frutescens</i>					o							
<i>Ixora baileyana</i>				o						o		
<i>Melicope xanthoxyloides</i>			o									
<i>Oberonia titania</i>						o						
<i>Piper novae-hollandiae</i>											o	
<i>Polyscias australiana</i>			o	o								
<i>Synima cordierorum</i>				o				o	o	o		
<i>Tetracera nordtiana</i>	o				o							
<i>Acmena graveolens</i>									o			
<i>Apodytes brachystylis</i>									o			
<i>Atractocarpus hirtus</i>				o								
<i>Beilschmiedia tooram</i>		o										
<i>Brombya platynema</i>	o	o	o									
<i>Calamus australis</i>				o								
<i>Castanospermum australe</i>	c		o	o								
<i>Castanospora alphandii</i>									o			
<i>Citronella smythii</i>								o	o			
<i>Desmos goezeanus</i>					o							
<i>Diospyros</i> sp. Millaa Millaa									o			
<i>Doryphora aromatica</i>	o	o										
<i>Guioa lasioneura</i>			o									
<i>Haplostichanthus</i> sp. Topaz			o									
<i>Litsea leefeana</i>			o									
<i>Myristica globosa</i>			o									
<i>Niemeyera prunifera</i>		o	o					o	o			
<i>Piildrostigma tropicum</i>			o									
<i>Pitaviaster haplophyllus</i>									o			
<i>Pleuranthodium racemigerum</i>			o									
<i>Ripogonum album</i>											o	
<i>Sarcopteryx martyana</i>			o									
<i>Schefflera elliptica</i>					o							
<i>Sloanea macbrydei</i>			o									
<i>Symplocos cochinchinensis</i> var. <i>pilosiuscula</i>	o	o	o									

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	16 Metres						20 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Aglaia tomentosa</i>			O									
<i>Argyrodendron peralatum</i>			O									
<i>Arthropteris palisotii</i>												O
<i>Beilschmiedia tooram</i>				O						C		
<i>Carronia protensa</i>											O	
<i>Cryptocarya murrayi</i>										O		
<i>Diospyros</i> sp. Millaa Millaa			O									
<i>Hypserpa decumbens</i>					O							
<i>Ixora baileyana</i>				O								
<i>Mischocarpus stipitatus</i>			O									
<i>Myristica globosa</i>			O									
<i>Niemeyera prunifera</i>									O	C		
<i>Pitaviaster haplophyllus</i>				O								
<i>Pothos longipes</i>												O
<i>Toechima erythrocarpum</i>				O								
<i>Aglaia tomentosa</i>		o	o						c			
<i>Antirrhoea tenuiflora</i>									o			
<i>Apodytes brachystylis</i>		o	o									
<i>Ardisia pachyrrhachis</i>			o						o			
<i>Argyrodendron peralatum</i>		o	o					c				
<i>Arthropteris palisotii</i>												c
<i>Asplenium australasicum</i>												c
<i>Beilschmiedia bancroftii</i>									o			
<i>Beilschmiedia tooram</i>		o	o						c	c		
<i>Blechnum cartilagineum</i>										o		
<i>Bowenia spectabilis</i>										o		
<i>Calamus australis</i>								c	c		c	
<i>Calamus caryotoides</i>									c		c	
<i>Carronia protensa</i>								o			o	
<i>Castanospermum australe</i>	c											
<i>Daphnandra repandula</i>	o	o	o									
<i>Desmos goezeanus</i>											o	
<i>Endiandra globosa</i>		o										
<i>Epipremnum pinnatum</i>						o						
<i>Haplostichanthus</i> sp. Topaz									c			
<i>Ixora baileyana</i>				o					c			
<i>Linospadix micrococarya</i>				o								
<i>Linospadix minor</i>										c		
<i>Morinda umbellata</i>											c	
<i>Niemeyera prunifera</i>									c			
<i>Pseuduvaria villosa</i>									o			
<i>Rhaphidophora australasica</i>						o						c
<i>Rockinghamia angustifolia</i>	o	o					o					

Site	16 Metres						20 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Salacia disepala</i>											o	
<i>Synima cordierorum</i>		o	o									
<i>Syzygium cormiflorum</i>			o									

Site	25 Metres						30 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Gground-cover	Vine	Epiphyte	Can-py	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Alpinia modesta</i>										o		
<i>Atractocarpus hirtus</i>			o									
<i>Bowenia spectabilis</i>										o		
<i>Calamus australis</i>		o	o		o							
<i>Cryptocarya mackinnoniana</i>				o								
<i>Endiandra leptodendron</i>				o								
<i>Ixora baileyana</i>										o		
<i>Linospadix minor</i>				o								
<i>Niemeyera prunifera</i>			o	c				o	o	c		
<i>Psychotria</i> sp Utchee Creek										r		
<i>Rhodomyrtus macrocarpa</i>				o								
<i>Siphonodon membranaceus</i>												
<i>Syzygium cormiflorum</i>			o									
<i>Xanthophyllum octandrum</i>									o			
<i>Aglaia tomentosa</i>			c					o	o	o		
<i>Argyrodendron peralatum</i>			o									
<i>Atractocarpus hirtus</i>			o	o								
<i>Beilschmiedia bancroftii</i>							o					
<i>Beilschmiedia tooram</i>			c									
<i>Brombya platynema</i>		c										
<i>Calamus australis</i>		o	o		o							
<i>Carronia protensa</i>				o	o							
<i>Castanospermum australe</i>			c	c								
<i>Cryptocarya angulata</i>			c									
<i>Cryptocarya grandis</i>			o									
<i>Cryptocarya mackinnoniana</i>		c					c		o			
<i>Delarbrea michieana</i>									o			
<i>Diospyros</i> sp. Millaa Millaa									c			
<i>Diplazium dilatatum</i>				o								
<i>Doryphora aromatica</i>									o			
<i>Dysoxylum papuanum</i>			o	c								

Appendix 2.2 Species, Strata Occurring and Dominance Category at Each Transect

Site	25 Metres						30 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Gground-cover	Vine	Epiphyte	Can-py	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Haplostichanthus</i> sp. Topaz			o						o			
<i>Helicia nortoniana</i>			o									
<i>Ixora baileyana</i>				c								
<i>Mischocarpus stipitatus</i>									o			
<i>Myristica globosa</i>				o								
<i>Neolitsea dealbata</i>			o									
<i>Niemeyera prunifera</i>		c	c						o			
<i>Pararistolochia australopithecurus</i>									r		r	
<i>Pittosporum rubiginosum</i>			o									
<i>Polyalthia michaelii</i>									o			
<i>Pseuduvaria villosa</i>			o									
<i>Synima cordierorum</i>				c								
<i>Wilkiea angustifolia</i>			o									
<i>Xanthophyllum octandrum</i>									o			

Site	50 Metres						100 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Argyrodendron trifoliolatum</i>									o			
<i>Bowenia spectabilis</i>				o								
<i>Calamus australis</i>		o	o		o			o	o		o	
<i>Castanospermum australe</i>										c		
<i>Cryptocarya angulata</i>				o								
<i>Cryptocarya murrayi</i>			o									
<i>Endiandra monothyra</i>									o			
<i>Niemeyera prunifera</i>				o								
<i>Rockinghamia angustifolia</i>									o	c		
<i>Toechima erythrocarpum</i>		o										
<i>Acronychia vestita</i>							o	o				
<i>Aglaiia tomentosa</i>				c					o			
<i>Apodytes brachystylis</i>										o		
<i>Argyrodendron trifoliolatum</i>								c				
<i>Asplenium australicum</i>												c
<i>Atractocarpus hirtus</i>									o			
<i>Austrobaileya scandens</i>			r		r							
<i>Austromyrtus dallachiana</i>								o	o			
<i>Austrosteenisia stipularis</i>							o	c	c	c	c	
<i>Beilschmiedia bancroftii</i>			o									

Site	50 Metres						100 Metres					
REHABILITATION SITE 2	Abundance Rank						Abundance Rank					
Species	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte	Canopy	Sub-canopy	Understorey	Ground-cover	Vine	Epiphyte
<i>Beilschmiedia tooram</i>		o	c					c				
<i>Blechnum cartilagineum</i>										o		
<i>Bowenia spectabilis</i>				c						c		
<i>Brombya platynema</i>		c						c	o			
<i>Calamus australis</i>			o		o							
<i>Calamus caryotoides</i>				c	c							
<i>Carronia pedicellata</i>										o	o	
<i>Castanospermum australe</i>							o	o	o			
<i>Citronella smythii</i>	o											
<i>Cryptocarya angulata</i>	o											
<i>Cryptocarya murrayi</i>			o									
<i>Desmos goezeanus</i>										o	o	
<i>Diospyros</i> sp. Millaa Millaa			r							r		
<i>Diploglottis smithii</i>										o		
<i>Doryphora aromatica</i>	o	c	c				o	o	o			
<i>Endiandra globosa</i>										o		
<i>Endiandra insignis</i>								o	o			
<i>Eupomatia</i> sp. Noah Head									o			
<i>Ficus pleurocarpa</i>	r					r						
<i>Flindersia bourjotiana</i>	o											
<i>Franciscodendron laurifolium</i>							o					
<i>Freycinetia excelsa</i>		o	o		o							
<i>Haplostichanthus</i> sp. Topaz			o									
<i>Helicia nortoniana</i>										o		
<i>Ixora baileyana</i>				c								
<i>Lasianthus strigosus</i>									o			
<i>Linospadix microcarya</i>										c		
<i>Linospadix minor</i>				o								
<i>Litsea leefeana</i>										o		
<i>Melicope xanthoxyloides</i>										o		
<i>Niemeyera prunifera</i>		o	c						o			
<i>Opistheolepis heterophylla</i>									o	o		
<i>Pilidiostigma tropicum</i>									o			
<i>Pothos longipes</i>		c	c			c		o	o			c
<i>Pseuduvaria villosa</i>			r					o	c			
<i>Randia tuberculosa</i>			r									
<i>Raphidophora australasica</i>		c	c			c						
<i>Salacia disepala</i>											o	
<i>Schefflera actinophylla</i>	r					r						
<i>Siphonodon membranaceus</i>									o			
<i>Sloanea macbrydei</i>	o											
<i>Tetrasynandra laxiflora</i>	o											
<i>Toechima erythrocarpum</i>		o										
<i>Wilkiea angustifolia</i>										o		