


Vegetation Mapping Records - Great Keppel Island September 2010

REFERENCE SITE FOR 8.2.1

SITE NUMBER	1													
LEVEL	2													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	8.2.1													
DATE	21/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
														SITE DESCRIPTION
GENERAL NOTES														
COMMUNITY AREA (ha)				20-50				COMMUNITY WIDTH (m)				75-150		
MAPPED (Current RE)				8.2.1				REFERENCE SITE				Y		
LANDFORM														
Situation	R	Element	BR1	Eros pattern	GR	Pattern	BEA							
SLOPE														
Type	F	Slope (%)	<5%				Aspect (°)	0						
SOILS														
Source	S	Reliability	H	Code	E	Add data	-	ISB/MU	-	Colour	Buff	Texture	Sand	
GEOLOGY														
Source	0		Reliability	H		Code	F		Map Unit	Qhcb				
SPECHT STRUCTURE CODE														
Low open woodland														
GROUND (%)														
Litter	10	Rock	0	Bare ground	10	Cryptophyte	0	Vegetation	80					
RAINFOREST														
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-					
DISTURBANCE														
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0				Salinity	0								
Logging (#)	-				Ringbarking /Thinning (#)	-								
Grazing	N				Feral Digging	N								
Weeds (% Cover)	0				Remnant	Y								
Erosion (Type/Severity)	0													

SITE NUMBER	1				continued
STRUCTURAL SUMMARY					
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species	
Emergent	-	-	-	-	
Tree 1	6-11	7	6	Banksia integrifolia subsp. compar Casuarina equisetifolia subsp. incana Corymbia tessellaris	
Tree 2	2-5	4.5	33.5	Allocasuarina littoralis Alphitonia excelsa Dodonaea viscosa Ficus opposita	

Tree 3	-	-	-	-
Shrub 1	0.5-1	1	-	<i>Dodonaea viscosa</i> <i>Lantana camara</i> * <i>Opuntia stricta</i> *
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Canavalia rosea</i> <i>Crotalaria medicaginea var. neglecta</i> <i>Eragrostis curvula</i> <i>Eragrostis interrupta</i> <i>Imperata cylindrica</i> <i>Lysiana maritima</i> <i>Melinis repens</i> * <i>Passiflora suberosa</i> * <i>Tridax procumbens</i> * Out of plot: <i>Agave vivipara</i> * <i>Catharanthus roseus</i> * <i>Euphorbia cyathophora</i> *


BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Allocasuarina littoralis</i>			2							19		2	
<i>Banksia integrifolia subsp. compar</i>										1			
<i>Casuarina equisetifolia subsp. Incana</i>									2				
<i>Corymbia tessellaris</i>													
<i>Dodonaea viscosa</i>										6		6	
<i>Lantana camara</i> *												1	
<i>Opuntia stricta</i> *												2	

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	0.5	<i>Allocasuarina littoralis</i>	T2
8	9.5	<i>Allocasuarina littoralis</i>	T2
9.5	11	<i>Dodonaea viscosa</i>	T2
25	27	<i>Allocasuarina littoralis</i>	T2
32	35	<i>Allocasuarina littoralis</i>	T2
37	38.5	Stag	T1
38.5	40	<i>Corymbia tessellaris</i>	T1
40	43	<i>Allocasuarina littoralis</i>	T2
45.5	48.5	<i>Corymbia tessellaris</i>	T1
48.5	50	<i>Dodonaea viscosa</i>	T2
50	56	<i>Allocasuarina littoralis</i>	T2
58.5	63	<i>Allocasuarina littoralis</i>	T2
61	63	<i>Alphitonia excelsa</i>	T2
67	67.5	<i>Allocasuarina littoralis</i>	T2
76	76.5	<i>Allocasuarina littoralis</i>	T2
78.5	82.5	<i>Allocasuarina littoralis</i>	T2
85.5	87.5	<i>Allocasuarina littoralis</i>	T2
90	93	<i>Dodonaea viscosa</i>	T2

REFERENCE SITE RE 8.2.6

SITE NUMBER	2													
LEVEL	2													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	8.2.6													
DATE	21/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
														SITE DESCRIPTION
GENERAL NOTES														
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150								
MAPPED (Current RE)	8.2.7e				REFERENCE SITE	Yes								
LANDFORM														
Situation	Plain			Element	A		Eros pattern	LP		Pattern	PLA			
SLOPE														
Type	F			Slope (%)	<5%				Aspect (°)	10				
SOILS														
Source	S	Reliability	H	Code	E	Add data	-	ISB/MU	-	Colour	Grey	Texture	Sand	
GEOLOGY														
Source	O			Reliability	H		Code	F		Map Unit	Qhcb			
SPECHT STRUCTURE CODE							Open Forest							
GROUND (%)														
Litter	50		Rock	-		Bare ground	<1		Cryptophyte	-		Vegetation	50	
RAINFOREST														
Struct. Complexity	-		Leaf Size	-		Leaf fall	-		Floor Comp	-		In. Gr Forms	-	
DISTURBANCE														
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0				Salinity	0								
Logging (#)	N				Ringbarking /Thinning (#)	N								
Grazing	N				Feral Digging	N								
Weeds (% Cover)	15%				Remnant	Y								
Erosion (Type/Severity)	0													

SITE NUMBER	2				continued
STRUCTURAL SUMMARY					
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species	
Emergent	-	-	-	-	
Tree 1	14-17	15	55.5	<i>Melaleuca dealbata</i>	
Tree 2	4-8	7	58.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Banksia integrifolia</i> subsp. <i>compar</i> <i>Breynia oblongifolia</i> <i>Casuarina equisetifolia</i> subsp. <i>incana</i> <i>Corymbia tessellaris</i> <i>Dodonaea viscosa</i> <i>Planchonia careya</i>	
Tree 3	-	-	-	-	

Shrub 1	1-4	2.5	-	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Alphitonia excelsa</i> <i>Breynia oblongifolia</i> <i>Clerodendrum floribundum</i> <i>Lantana camara</i> * <i>Opuntia stricta</i> * <i>Pittosporum ferrugineum</i> subsp. <i>linifolium</i> <i>Senna pendula</i> *
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Abrus precatorius</i> <i>Bulbostylis barbata</i> <i>Cenchrus echinatus</i> * <i>Clematocissus opaca</i> <i>Conyza canadensis</i> var. <i>pusilla</i> * <i>Cyperus rotundus</i> <i>Cyperus stradbrogensis</i> <i>Euphorbia cyathophora</i> * <i>Imperata cylindrica</i> <i>Lepturus repens</i> <i>Megathyrsus maximus</i> * <i>Melinis repens</i> * <i>Passiflora suberosa</i> * <i>Solanum nigrum</i> * <i>Stephania japonica</i> var. <i>discolour</i>

BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Acacia disparrima</i> subsp. <i>disparrima</i>										2		1	
<i>Allocasuarina littoralis</i>			5							14		4	1
<i>Alphitonia excelsa</i>										1		1	
<i>Banksia integrifolia</i> subsp. <i>compar</i>										2			
<i>Breynia oblongifolia</i>												3	3
<i>Clerodendrum floribundum</i>												4	10
<i>Dodonaea viscosa</i>												5	1
<i>Lantana camara</i> *												4	
<i>Melaleuca dealbata</i>		6											
<i>Pittosporum ferrugineum</i> subsp. <i>linifolium</i>												2	
<i>Planchonia careya</i>										1		2	1
<i>Senna pendula</i> *												22	2
<i>Acacia julifera</i>												1	

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	1	<i>Allocasuarina littoralis</i>	T2
3	7	<i>Allocasuarina littoralis</i>	T2
3	4	<i>Banksia integrifolia</i> subsp. <i>compar</i>	T2
4	23	<i>Melaleuca dealbata</i>	T1
9.5	11	<i>Allocasuarina littoralis</i>	T2
17.5	23	<i>Allocasuarina littoralis</i>	T2
19.5	20.5	<i>Breynia oblongifolia</i>	T2
24	25	Stag	T2
25.5	31.5	<i>Allocasuarina littoralis</i>	T2
34	42.5	<i>Melaleuca dealbata</i>	T1
35.5	38	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
46	50.5	<i>Allocasuarina littoralis</i>	T2
50.5	59	<i>Dodonaea lanceolata</i> var. <i>subsessilifolia</i>	T2
51	69	<i>Melaleuca dealbata</i>	T1
55	56.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
62	63	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
62.5	67.5	<i>Dodonaea viscosa</i>	T2
65	68	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
68	68.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2

69	71	<i>Dodonaea viscosa</i>	T2
70	71.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
73.5	77.5	<i>Dodonaea viscosa</i>	T2
73	83	<i>Melaleuca dealbata</i>	T1
80	83	<i>Dodonaea viscosa</i>	T2
84	84.5	<i>Planchonia careya</i>	T2
88.5	90	<i>Planchonia careya</i>	T2
93	99	<i>Corymbia tessellaris</i>	T2

REFERENCE SITE FOR 8.2.6a

SITE NUMBER	9												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.2.6a												
DATE	21/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	Corymbia clarksoniana open forest												
GENERAL NOTES													
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150							
MAPPED (Current RE)	8.2.8a				REFERENCE SITE	Y							
LANDFORM													
Situation	A	Element	VLF	Eros pattern	UP	Pattern	PLA						
SLOPE													
Type	R	Slope (%)	<5%			Aspect (°)	260						
SOILS													
Source	S	Reliability	M	Code	D	Add data	-	ISB/MU	-	Colour	F	Texture	A
GEOLOGY													
Source	O	Reliability	H			Code	A		Map Unit	Qhcd			
SPECHT STRUCTURE CODE						Open Forest							
GROUND (%)													
Litter	40	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	60				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	--	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0							
Fire (Proportion/Age/Height)	0				Salinity	0							
Logging (#)	0				Ringbarking /Thinning (#)	0							
Grazing	0				Feral Digging	0							
Weeds (% Cover)	0				Remnant								
Erosion (Type/Severity)	0												



SITE NUMBER	9				continued			
STRUCTURAL SUMMARY								
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species				
Emergent	-	-	-	-				
Tree 1	7-12	10	53.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Allocasuarina littoralis</i> <i>Corymbia clarksoniana</i> <i>Eucalyptus portuensis</i>				
Tree 2	3-7	7	53.0	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Banksia integrifolia</i> subsp. <i>compar</i> <i>Corymbia clarksoniana</i> <i>Eucalyptus portuensis</i> <i>Leptospermum neglectum</i> <i>Petalostigma pubescens</i>				

Tree 3	-	-	-	-
Shrub 1	1-1.5	1	-	<i>Lithomyrtus obtusa</i> <i>Xanthorrhoea latifolia</i>
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Amyema conspicua subsp. conspicua</i> <i>Eriachne pallescens var. pallescens</i> <i>Imperata cylindrica</i> <i>Paspalidium distans</i> <i>Paspalidium gausum</i> <i>Passiflora suberosa*</i> <i>Planchonia careya (seedling)</i> <i>Trachystylis stradbokensis</i> <i>Triumfetta rhomboides</i> <i>Xanthorrhoea latifolia</i>

BASAL AREA & STEM COUNTS


Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)						
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2	
<i>Acacia disparrima subsp. disparrima</i>											1			
<i>Allocasuarina littoralis</i>		1	5								13	5		
<i>Alphitonia excelsa</i>			1								10	2	1	
<i>Banksia integrifolia subsp. compar</i>											2			
<i>Corymbia clarksoniana</i>		7								5		1	1	
<i>Eucalyptus portuensis</i>														
<i>Leptospermum neglectum</i>														
<i>Lithomyrtus obtusa</i>													1	1
<i>Petalostigma pubescens</i>														

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	1.5	<i>Banksia integrifolia subsp. compar</i>	T2
0.5	2	<i>Alphitonia excelsa</i>	T2
3.5	5	<i>Allocasuarina littoralis</i>	T2
6	9.5	<i>Allocasuarina littoralis</i>	T2
8	11	<i>Acacia disparrima subsp. disparrima</i>	T2
13.5	18	<i>Corymbia clarksoniana</i>	T1
17	19.5	<i>Allocasuarina littoralis</i>	T2
22.5	26	<i>Allocasuarina littoralis</i>	T2
26	30	<i>Alphitonia excelsa</i>	T2
30	34.5	<i>Allocasuarina littoralis</i>	T2
31	32	<i>Alphitonia excelsa</i>	T2
34.5	45.5	<i>Corymbia clarksoniana</i>	T1
41.5	44	<i>Allocasuarina littoralis</i>	T2
41.5	43	<i>Alphitonia excelsa</i>	T2
47	52.5	<i>Alphitonia excelsa</i>	T2

51	58.5	<i>Allocasuarina littoralis</i>	T2
53	57.5	<i>Corymbia clarksoniana</i>	T1
58.5	59.5	<i>Acacia disparrima subsp. disparrima</i>	T2
60	63	<i>Banksia integrifolia subsp. compar</i>	TT2
59	64	<i>Alphitonia excelsa</i>	T2
67	68.5	<i>Banksia integrifolia subsp. compar</i>	T2
67.5	87	<i>Corymbia clarksoniana</i>	T1
71	73	<i>Alphitonia excelsa</i>	T2
92	94	<i>Banksia integrifolia subsp. compare</i>	T2
95	98	<i>Banksia integrifolia subsp. compar</i>	T2
98	100	<i>Acacia disparrima subsp. disparrima</i>	T2
86	100	<i>Eucalyptus portuensis</i>	T1


Tertiary Site

SITE NUMBER	24		
LEVEL	3		
DETAIL SP. LIST	Y		
REGIONAL ECOSYSTEM	8.2.1		
DATE	21/09/2010		
RECORDER	David Francis & Julia Olsen		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION			
GENERAL NOTES			
COMMUNITY AREA (ha)	5-20	COMMUNITY WIDTH (m)	75-150
MAPPED (Current RE)	8.2.1	REFERENCE SITE	N
LANDFORM			
Situation	A	Element	FOO
Eros pattern	GP	Pattern	PLA
SLOPE			
Type	F	Slope (%)	<1
Aspect (°)			
SOILS			
Source	S	Reliability	M
Code	A	Add data	-
ISB/MU	-	Colour	K
Texture	E		
GEOLOGY			
Source	S	Reliability	M
Code	K	Map Unit	Ccs
SPECHT STRUCTURE CODE			
Open Herbland			
GROUND (%)			
Litter		Rock	
Bare ground		Cryptophyte	
Vegetation			
RAINFOREST			
Struct. Complexity	-	Leaf Size	-
Leaf fall	-	Floor Comp	-
In. Gr Forms	-		
DISTURBANCE			
Storm damage (Proportion/Age)	0	Road Works (Proportion/Age)	0
Fire (Proportion/Age/Height)	0	Salinity	0
Logging (#)	N	Ringbarking /Thinning (#)	N
Grazing	Y (Goats)	Feral Digging	N
Weeds (% Cover)	5%	Remnant	
Erosion (Type/Severity)	0		

SITE NUMBER	24		continued	
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1		-	-	No Trees
Tree 2				
Tree 3	-	-	-	-
Shrub 1	1	1		<i>Lantana camara</i> *
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Ageratum conyzoides subsp. conyzoides</i> * <i>Tridax procumbens</i> * <i>diera scandens</i> <i>Cryptostegia grandiflora</i> * <i>Cynodon dactylon</i> * <i>Heteropogon contortus</i> <i>Hibbertia scandens</i>


			<i>Imperata cylindrica</i> <i>Ipomoea pes-caprae</i> subsp. <i>brasiliensis</i> <i>Opuntia stricta</i> * <i>Sida cordifolia</i> * <i>Boerhavia pubescens</i> <i>Mukia maderaspatana</i> * <i>Hyptis suaveolens</i> * <i>Stephania japonica</i> var. <i>discolor</i> <i>Triumfetta rhomboidea</i>
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Tertiary Site

SITE NUMBER	25		
LEVEL	3		
DETAIL SP. LIST	Y		
REGIONAL ECOSYSTEM	8.12.14x2c		
DATE	21/09/2010		
RECORDER	David Francis & Julia Olsen		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION	<i>Ficus obliqua</i> wind-sheared closed forest		
GENERAL NOTES			
COMMUNITY AREA (ha)	5-20	COMMUNITY WIDTH (m)	75-150
MAPPED (Current RE)	8.2.1	REFERENCE SITE	N
LANDFORM			
Situation	L	Element	CLI
Eros pattern	SH	Pattern	HIL
SLOPE			
Type	R	Slope (%)	30
Aspect (°)	160		
SOILS			
Source	S	Reliability	M
Code		Add data	-
ISB/MU	-	Colour	Dark Brown
Texture	Sandy Loam & Clay		
GEOLOGY			
Source	O	Reliability	Low
Code	K		Map Unit
Ccs			
SPECHT STRUCTURE CODE			
Low Closed Forest			
GROUND (%)			
Litter	5	Rock	40
Bare ground	0		Cryptophyte
Vegetation	50		
RAINFOREST			
Struct. Complexity	-	Leaf Size	-
Leaf fall	-		Floor Comp
In. Gr Forms	-		
DISTURBANCE			
Storm damage (Proportion/Age)	0		Road Works (Proportion/Age)
Fire (Proportion/Age/Height)	0		Salinity
Logging (#)	N		Ringbarking /Thinning (#)
Grazing	Y (Goats)		Feral Digging
Weeds (% Cover)	5%		Remnant
Erosion (Type/Severity)	0		

SITE NUMBER	25		continued	
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1		6		<i>Diospyros geminata</i> <i>Ficus obliqua</i> <i>Jagera pseudorhus</i> var. <i>pseudorhus</i> <i>Pipturus argenteus</i> <i>Pouteria sericea</i> <i>Scolopia braunii</i>
Tree 2				
Tree 3	-	-	-	-
Shrub 1				<i>Lantana camara</i> *
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Acronychia laevis</i>

			<i>Adiantum hispidulum</i> var. <i>hispidulum</i> <i>Ageratum conyzoides</i> subsp. <i>conyzoides</i> * <i>Clematicissus opaca</i> <i>Cissus oblonga</i> <i>Cyperus gracilis</i> <i>Diospyros geminata</i> <i>Microsorium punctatum</i> <i>Oplismenus aemulus</i> <i>Passiflora suberosa</i> * <i>Pseuderanthemum variabile</i> <i>Stephania japonica</i> var. <i>discolor</i> <i>Tetragium nitens</i> <i>Triumfetta rhomboides</i>
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SITE NUMBER	27												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.11.10												
DATE	22/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	<i>Allocasuarina littoralis</i> low woodland												
GENERAL NOTES													
COMMUNITY AREA (ha)			20-50			COMMUNITY WIDTH (m)			75-150				
MAPPED (Current RE)			8.11.1/8.12.14x2c			REFERENCE SITE			N				
LANDFORM													
Situation	F	Element	HSL	Eros pattern	UH	Pattern	HIL						
SLOPE													
Type	MO		Slope (%)	15		Aspect (°)	80						
SOILS													
Source	S	Reliability	M	Code	A/K	Add data	-	ISB/MU	-	Colour	Dark Brown	Texture	Sandy Clay
GEOLOGY													
Source	I		Reliability	M		Code	F/G		Map Unit	Ccs			
SPECHT STRUCTURE CODE						Low Woodland							
GROUND (%)													
Litter	5	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	95				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0			Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0			Salinity	0								
Logging (#)	N			Ringbarking /Thinning (#)	N								
Grazing	N			Feral Digging	N								
Weeds (% Cover)	<5%			Remnant	Y								
Erosion (Type/Severity)	0												

SITE NUMBER	27				continued
STRUCTURAL SUMMARY					
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species	
Emergent	-	-	-	-	
Tree 1	4-5	4	25	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i> <i>Allocasuarina littoralis</i> <i>Capparis canescens</i>	
Tree 2	1-3	2	48.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i> <i>Acronychia laevis</i> <i>Allocasuarina littoralis</i>	
Tree 3	-	-	-	-	

Shrub 1	0.5-1	1	-	<i>Diospyros geminata</i> <i>Drypetes deplanchei</i> <i>Lantana camara</i> * <i>Trema tomentosa</i>
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Brunoniella australis</i> <i>Capparis canescens</i> <i>Cheilanthes sieberi</i> <i>Desmodium rhytidophyllum</i> <i>Diospyros geminata</i> <i>Ficus opposita (seedling)</i> <i>Gahnia aspera</i> <i>Hibbertia vestita</i> <i>Lomandra multiflora</i> <i>Lomandra confertifolia subsp. pallida</i> <i>Oplismenus aemulus</i> <i>Passiflora suberosa</i> <i>Marrumbium vulgare</i> * <i>Scleria brownii</i> <i>Sida cordifolia</i> * <i>Triumfetta rhomboides</i>


BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)						
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2	
<i>Acacia leiocalyx subsp. leiocalyx</i>			1							1	31		12	
<i>Allocasuarina littoralis</i>		5							18	3			1	
<i>Acacia disparrima subsp. disparrima</i>										2			1	
<i>Diospyros geminata</i>													1	
<i>Capparis canescens</i>									1					
<i>Lantana camara</i> *													1	
<i>Trema tomentosa</i>													1	
<i>Alphitonia excelsa</i>													1	
<i>Drypetes deplanchei</i>													1	
<i>Acronychia laevis</i>										2			3	

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	5	<i>Acacia leiocalyx subsp. leiocalyx</i>	T2
4.5	7	<i>Allocasuarina littoralis</i>	T1
7	9	<i>Acacia leiocalyx subsp. leiocalyx</i>	T2
12	20	<i>Allocasuarina littoralis</i>	T1
20	22	<i>Acacia leiocalyx subsp. leiocalyx</i>	T2
23	26.5	<i>Allocasuarina littoralis</i>	T1
23.5	24	<i>Acacia leiocalyx subsp. leiocalyx</i>	T2
27	30	<i>Acacia disparrima subsp. disparrima</i>	T2
31.5	35.5	<i>Acacia disparrima subsp. disparrima</i>	T2
39	39.5	<i>Acacia disparrima subsp. disparrima</i>	T2
40	42	Stag	T1
43	44	<i>Acacia leiocalyx subsp. leiocalyx</i>	T2

45	50	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
51	52	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
53.5	59.5	<i>Allocauarina littoralis</i>	T1
55	57	<i>Acronychia laevis</i>	T2
59	64	<i>Acronychia laevis</i>	T2
65	67	<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>	T2
67.5	69	<i>Allocauarina littoralis</i>	T2
71	72.5	<i>Acronychia laevis</i>	T2
71.5	74.5	<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>	T2
76	79	<i>Acronychia laevis</i>	T2
78	80	<i>Allocauarina littoralis</i>	T1
84	84.5	<i>Allocauarina littoralis</i>	T2
87	88.5	<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>	T2
90	91	<i>Allocauarina littoralis</i>	T1
94	98	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
98	99.5	<i>Acronychia laevis</i>	T2


SITE NUMBER	29												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	Non-rem 8.2.8a												
DATE	22/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	Allocasuarina littoralis open forest												
GENERAL NOTES													
COMMUNITY AREA (ha)	20-50	COMMUNITY WIDTH (m)	75-150										
MAPPED (Current RE)	8.11.10/8.12.14x2c	REFERENCE SITE	N										
LANDFORM													
Situation	F	Element	HSL	Eros pattern	UL	Pattern	Low						
SLOPE													
Type	VG	Slope (%)	<5%	Aspect (°)	320								
SOILS													
Source	S	Reliability	H	Code	A	Add data	-	ISB/MU	-	Colour	Dark Grey	Texture	Sand
GEOLOGY													
Source	O	Reliability	H	Code	Sand		Map Unit	Ccs					
SPECHT STRUCTURE CODE				Low Open Forest									
GROUND (%)													
Litter	15	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	85				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	3 (storm/cyclone)			Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0			Salinity	0								
Logging (#)	N			Ringbarking /Thinning (#)	N								
Grazing	Y (goats)			Feral Digging	N								
Weeds (% Cover)	<1%			Remnant	N								
Erosion (Type/Severity)	0												

SITE NUMBER	29		continued	
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1	4-8	5	46	Acacia disparrima subsp. disparrima Acacia leiocalyx subsp. leiocalyx Acacia julifera Allocasuarina littoralis Alphitonia excelsa Corymbia tessellaris
Tree 2	-	-	-	-
Tree 3	-	-	-	-
Shrub 1	0.5-1	1	-	Lithomyrtus obtusa
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	Eriachne pallescens var pallescens Lomandra leucocephala subsp. leucocephala
BASAL AREA & STEM COUNTS				

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Acacia disparrima</i> subsp. <i>disparrima</i>		1							8			1	
<i>Allocasuarina littoralis</i>		3							13			2	
<i>Acacia julifera</i>		1							3				
<i>Corymbia tessellaris</i>									2				
<i>Alphitonia excelsa</i>									1			1	
<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>									1			23	
<i>Lithomyrtus obtusa</i>												71	

CANOPY COVER DATA (100m TRANSECT)			
Canopy Start (m)	Canopy finish (m)	Species	Strata
0	1	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T1
2.5	7	<i>Allocasuarina littoralis</i>	T1
6	19.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T1
10	11.5	<i>Allocasuarina littoralis</i>	T1
23.5	24.5	<i>Acacia julifera</i>	T1
27	28.5	<i>Acacia julifera</i>	T1
39	40	<i>Corymbia tessellaris</i>	T1
38.5	41	<i>Allocasuarina littoralis</i>	T1
45	46	<i>Acacia julifera</i>	T1
61	64	<i>Alphitonia excelsa</i>	T1
66.5	73.5	<i>Allocasuarina littoralis</i>	T1
80	85.5	<i>Allocasuarina littoralis</i>	T1
83	85	<i>Acacia julifera</i>	T1
87	91	<i>Acacia julifera</i>	T1
98.5	100	<i>Allocasuarina littoralis</i>	T1

REFERENCE FOR 8.2.8a

SITE NUMBER	31												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.2.8a												
DATE	22/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	<i>Corymbia clarksoniana</i> open forest												
GENERAL NOTES													
COMMUNITY AREA (ha)	20-50		COMMUNITY WIDTH (m)	75-150									
MAPPED (Current RE)	8.11.10/8.12.14x2c		REFERENCE SITE	Y									
LANDFORM													
Situation	F	Element	HSL	Eros pattern	UL	Pattern	HIL						
SLOPE													
Type	L	Slope (%)	5	Aspect (°)	290								
SOILS													
Source	S	Reliability	H	Code	A	Add data	-	ISB/MU	-	Colour	Light Brown	Texture	Sand
GEOLOGY													
Source	Map	Reliability	Low	Code	A/K	Map Unit	Ccs						
SPECHT STRUCTURE CODE					Open Forest								
GROUND (%)													
Litter	55	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	45				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0		Road Works (Proportion/Age)	0									
Fire (Proportion/Age/Height)	0		Salinity	0									
Logging (#)	N		Ringbarking /Thinning (#)	N									
Grazing	N		Feral Digging	N									
Weeds (% Cover)	0		Remnant										
Erosion (Type/Severity)	0												

SITE NUMBER	31				continued
STRUCTURAL SUMMARY					
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species	
Emergent	-	-	-	-	
Tree 1	8-13	10	63.5	<i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Banksia integrifolia subsp. compar</i> <i>Corymbia clarksoniana</i> <i>Corymbia tessellaris</i>	
Tree 2	3-7	7	44	<i>Acacia disparrima subsp. disparrima</i> <i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Banksia integrifolia subsp. compar</i> <i>Corymbia clarksoniana</i> <i>Corymbia tessellaris</i>	

				<i>Ficus obliqua</i> <i>Glochidion lobocarpum</i>
Tree 3	-	-	-	-
Shrub 1	1-2	2	-	<i>Alphitonia excelsa</i>
Shrub 2	0.5	1	-	<i>Lithomyrtus obtusa</i>
Ground	0-0.5	0.5	-	<i>Aristida calycina</i> var. <i>calycina</i> <i>Cyperus gracilis</i> <i>Eriachne pallescens</i> <i>Lomandra leucocephala</i> subsp. <i>leucocephala</i> <i>Passiflora suberosa</i> * <i>Stephania japonica</i> var. <i>discolor</i>


BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Corymbia clarksoniana</i>		3							2			1	
<i>Corymbia tessellaris</i>		6	1						3				
<i>Allocasuarina littoralis</i>			2							3			
<i>Alphitonia excelsa</i>			1							14		11	1
<i>Banksia integrifolia</i> subsp. <i>compar</i>			1							8		1	
<i>Glochidion lobocarpum</i>			1							1		1	
<i>Lithomyrtus obtusa</i>													46
<i>Acacia disparrima</i> subsp. <i>disparrima</i>										1			

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	2	<i>Glochidion lobocarpum</i>	T2
0	3	<i>Corymbia clarksoniana</i>	T1
10	11	<i>Alphitonia excelsa</i>	T2
10	20	<i>Corymbia clarksoniana</i>	T1
14.5	15	<i>Alphitonia excelsa</i>	T2
23.5	26.5	<i>Allocasuarina littoralis</i>	T2
24	25	<i>Corymbia clarksoniana</i>	T1
26	28.5	<i>Alphitonia excelsa</i>	T2
31	33.5	<i>Banksia integrifolia</i> subsp. <i>compar</i>	T2
32	38	<i>Corymbia tessellaris</i>	T1
34.5	38.5	<i>Alphitonia excelsa</i>	T2
38	41.5	<i>Banksia integrifolia</i> subsp. <i>compar</i>	T1
42	43.5	<i>Alphitonia excelsa</i>	T2
47	55.5	<i>Corymbia tessellaris</i>	T1
47.5	49	<i>Alphitonia excelsa</i>	T2
48	51	<i>Banksia integrifolia</i> subsp. <i>compar</i>	T1
50.5	55.5	<i>Alphitonia excelsa</i>	T2

59.5	74	<i>Glochidion lobocarpum</i>	T2
61	68	<i>Corymbia tessellaris</i>	T1
68	85	<i>Corymbia clarksoniana</i>	T1
77	78.5	<i>Glochidion lobocarpum</i>	T2
82.5	90	<i>Banksia integrifolia subsp. compar</i>	T1
89	94	<i>Allocasuarina littoralis</i>	T2
95.5	98	<i>Corymbia clarksoniana</i>	T1

SITE NUMBER	35												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.2.8a												
DATE	22/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	<i>Lophostemon confertus</i> / <i>Eucalyptus portuensis</i> closed forest												
GENERAL NOTES													
COMMUNITY AREA (ha)	20-50			COMMUNITY WIDTH (m)	75-150								
MAPPED (Current RE)	8.11.10/8.12.14x2c			REFERENCE SITE	N								
LANDFORM													
Situation	F	Element	HSL	Eros pattern	UH	Pattern	HIL						
SLOPE													
Type	L	Slope (%)	<5%			Aspect (°)							
SOILS													
Source	S	Reliability	H	Code	A/K	Add data	-	ISB/MU	-	Colour	Brown	Texture	Sandy Clay
GEOLOGY													
Source	O	Reliability	H	Code	Rock			Map Unit	Ccs				
SPECHT STRUCTURE CODE				Low closed Forest									
GROUND (%)													
Litter	5	Rock	5	Bare ground	0	Cryptophyte	5	Vegetation	85				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0			Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0			Salinity	0								
Logging (#)	N			Ringbarking /Thinning (#)	N								
Grazing	N			Feral Digging	N								
Weeds (% Cover)	<1%			Remnant	Y								
Erosion (Type/Severity)	0												

SITE NUMBER	35				continued			
STRUCTURAL SUMMARY								
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species				
Emergent	-	-	-	-				
Tree 1	7-12	8	85	<i>Eucalyptus crebra</i> <i>Eucalyptus portuensis</i> <i>Lophostemon suaveolens</i>				
Tree 2	3-7	5	14.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Eucalyptus portuensis</i> <i>Jagera pseudorhus</i> var. <i>pseudorhus</i> <i>Lophostemon suaveolens</i>				
Tree 3	-	-	-	-				
Shrub 1	1-2	1	-	<i>Xanthorrhoea latifolia</i>				

Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Alphitonia excelsa</i> (seedling) <i>Arundinella nepalensis</i> <i>Desmodium rhytidophyllum</i> <i>Enteropogon unispiceus</i> <i>Entolasia stricta</i> <i>Lepidosperma laterale</i> var. <i>laterale</i> <i>Lomandra confertifolia</i> subsp. <i>pallida</i> <i>Lomandra leucocephala</i> subsp. <i>leucocephala</i> <i>Panicum effusum</i> <i>Passiflora suberosa</i> * <i>Xanthorrhoea latifolia</i>


BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)						
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2	
<i>Lophostemon suaveolens</i>										8	2			
<i>Eucalyptus portuensis</i>		10	1							16				
<i>Eucalyptus crebra</i>		3											1	
<i>Acacia disparrima</i> subsp. <i>disparrima</i>											1			

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	2.5	<i>Lophostemon suaveolens</i>	T2
2.5	7.5	<i>Eucalyptus portuensis</i>	T1
6	11	<i>Lophostemon suaveolens</i>	T2
10	20	<i>Eucalyptus portuensis</i>	T1
21	42	<i>Eucalyptus portuensis</i>	T1
44	56	<i>Eucalyptus portuensis</i>	T1
60	91	<i>Eucalyptus portuensis</i>	T1
87	97	<i>Lophostemon confertus</i>	T1
93	100	<i>Jagera pseudorhus</i> var. <i>pseudorhus</i>	T2

REFERENCE SITE FOR 8.11.8a

SITE NUMBER	42													
LEVEL	2													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	8.11.8a													
DATE	22/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
SITE DESCRIPTION	<i>Corymbia citriodora</i> closed forest													
GENERAL NOTES	Colluvial fan at the toe of slopes													
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150								
MAPPED (Current RE)	8.11.3a				REFERENCE SITE	Y								
LANDFORM														
Situation	B			Element	VLF			Eros pattern	LP		Pattern	ALP		
SLOPE														
Type	F			Slope (%)	1-3			Aspect (°)						
SOILS														
Source	S	Reliability	H	Code	K	Add data	-	ISB/MU	-	Colour	Dark Brown	Texture	Sandy Clay	
GEOLOGY														
Source	M			Reliability	Low			Code	B		Map Unit	Qa		
SPECHT STRUCTURE CODE														
Closed Forest														
GROUND (%)														
Litter	10		Rock	0		Bare ground	0		Cryptophyte	0		Vegetation	90	
RAINFOREST														
Struct. Complexity	-		Leaf Size	-		Leaf fall	-		Floor Comp	-		In. Gr Forms	-	
DISTURBANCE														
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0				Salinity	0								
Logging (#)	N				Ringbarking /Thinning (#)	N								
Grazing	N				Feral Digging	N								
Weeds (% Cover)	1%				Remnant	Y								
Erosion (Type/Severity)	0													

SITE NUMBER	42				continued				
STRUCTURAL SUMMARY									
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species					
Emergent	-	-	-	-					
Tree 1	15-25	18	93	<i>Corymbia citriodora</i> subsp. <i>citriodora</i> <i>Corymbia clarksoniana</i> <i>Eucalyptus platyphylla</i> <i>Eucalyptus tereticornis</i>					
Tree 2	3-7	5	12.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i> <i>Corymbia citriodora</i> subsp. <i>citriodora</i> <i>Planchonia careya</i>					
Tree 3	-	-	-	-					
Shrub 1	1-2	2	-	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Corymbia citriodora</i> subsp. <i>citriodora</i>					
Shrub 2	-	-	-	-					


Ground	0-0.5	0.5	-	<i>Arundinella nepalensis</i> <i>Cissus oblonga</i> <i>Clematocissus opaca</i> <i>Cyanthillium cinereum</i> <i>Desmodium rhytidophyllum</i> <i>Dianella rara</i> <i>Enteropogon unispiceus</i> <i>Gahnia aspera</i> <i>Hybanthus stellarioides</i> <i>Imperata cylindrica</i> <i>Lomandra confertifolia subsp. pallida</i> <i>Murdannia graminea</i> <i>Oplismenus aemulus</i> <i>Passiflora suberosa*</i> <i>Phyllanthus virgatus</i> <i>Sida cordifolia*</i> <i>Tetragium nitens</i> <i>Trema tomentosa (seedling)</i> <i>Triumfetta rhomboidea</i>
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BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Corymbia citriodora subsp. citriodora</i>		7							2	2		4	
<i>Corymbia clarksoniana</i>		4							4				
<i>Eucalyptus platyphylla</i>		1							1				
<i>Acacia disparrima subsp. disparrima</i>										6		1	
<i>Planchonia careya</i>			1										
<i>Eucalyptus tereticornis</i>		1											
<i>Acacia leiocalyx subsp. leiocalyx</i>										1	1		

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	5.5	<i>Eucalyptus platyphylla</i>	T1
5.5	15.5	<i>Corymbia citriodora subsp. citriodora</i>	T1
20	29.5	<i>Corymbia citriodora subsp. citriodora</i>	T1
29.5	38	<i>Acacia disparrima subsp. disparrima</i>	T2
32	53	<i>Corymbia clarksoniana</i>	T1
41.5	45.5	<i>Acacia disparrima subsp. disparrima</i>	T2
55	57	<i>Corymbia clarksoniana</i>	T1
57	100	<i>Corymbia citriodora subsp. citriodora</i>	T1
61	63	<i>Corymbia clarksoniana</i>	T1

SITE NUMBER	46A												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.2.8a												
DATE	22/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	<i>Eucalyptus portuensis</i> / <i>Lophostemon suaveolens</i> closed forest												
GENERAL NOTES													
COMMUNITY AREA (ha)	20-50			COMMUNITY WIDTH (m)	75-150								
MAPPED (Current RE)	8.11.10/8.12.14x2c			REFERENCE SITE	N								
LANDFORM													
Situation	A	Element	VLF	Eros pattern	UP	Pattern	PLA						
SLOPE													
Type	VG	Slope (%)	1	Aspect (°)	20								
SOILS													
Source	S	Reliability	H	Code	A	Add data	-	ISB/MU	-	Colour	Brown	Texture	Sand
GEOLOGY													
Source	I	Reliability	Low	Code	B		Map Unit	Qa					
SPECHT STRUCTURE CODE													
Closed Forest													
GROUND (%)													
Litter	5	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	85				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0			Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0			Salinity	0								
Logging (#)	N			Ringbarking/Thinning (#)	N								
Grazing	N			Feral Digging	N								
Weeds (% Cover)	3%			Remnant	Y								
Erosion (Type/Severity)	0												

SITE NUMBER	46A		continued		
STRUCTURAL SUMMARY					
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species	
Emergent	-	-	-	-	
Tree 1	8-14	10	74	<i>Corymbia clarksoniana</i> <i>Corymbia tessellaris</i> <i>Eucalyptus portuensis</i> <i>Lophostemon suaveolens</i>	
Tree 2	3-7	5	15	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Drypetes deplanchei</i> <i>Planchonia careya</i>	
Tree 3	-	-	-	-	
Shrub 1	1-2	1.5		<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Alphitonia excelsa</i>	

Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Cryptostegia grandiflora</i> <i>Enteropogon unispiceus</i> <i>Eriachne pallescens</i> <i>Eustrephus latifolius</i> <i>Imperata cylindrica</i> <i>Oplismenus aemulus</i> <i>Paspalidium gracile</i> <i>Passiflora suberosa*</i> <i>Sida cordifolia*</i> <i>Stephania japonica var. discolour</i> <i>Triumfetta rhomboides</i>


BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Eucalyptus portuensis</i>		2							1				
<i>Corymbia tessellaris</i>		1							2				
<i>Allocasuarina littoralis</i>										1			
<i>Corymbia clarksoniana</i>		2											
<i>Lophostemon suaveolens</i>		1							2				
<i>Planchonia careya</i>										2			
<i>Alphitonia excelsa</i>										5		10	
<i>Drypetes deplanchei</i>												2	
<i>Acacia leiocalyx subsp. leiocalyx</i>													6


CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	4.5	<i>Lophostemon suaveolens</i>	T1
6.5	8.5	<i>Allocasuarina littoralis</i>	T2
11	16	<i>Alphitonia excelsa</i>	T2
11	26	<i>Corymbia clarksoniana</i>	T1
30	35.5	<i>Corymbia tessellaris</i>	T1
47	55	<i>Lophostemon suaveolens</i>	T1
54.5	66	<i>Corymbia clarksoniana</i>	T1
57.5	60	<i>Planchonia careya</i>	T2
62.5	66.5	<i>Acacia disparrima subsp. disparrima</i>	T2
66	78	<i>Corymbia tessellaris</i>	T1
70.5	72	<i>Alphitonia excelsa</i>	T2
78	83	<i>Corymbia clarksoniana</i>	T1
87.5	96	<i>Lophostemon suaveolens</i>	T1
96	100	<i>Corymbia clarksoniana</i>	T1

Tertiary Site

SITE NUMBER	46B		
LEVEL	3		
DETAIL SP. LIST	Y		
REGIONAL ECOSYSTEM	8.2.8a		
DATE	23/09/2010		
RECORDER	David Francis & Julia Olsen		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION	<i>Corymbia clarksoniana</i> open forest		
GENERAL NOTES			
COMMUNITY AREA (ha)	20-50	COMMUNITY WIDTH (m)	75-150
MAPPED (Current RE)	8.11.10/8.12.14x2c	REFERENCE SITE	N
LANDFORM			
Situation	F	Element	HSL
Eros pattern	GE	Pattern	HIL
SLOPE			
Type	M	Slope (%)	5
Aspect (°)	20		
SOILS			
Source	S	Reliability	M
Code	A	Add data	-
ISB/MU	-	Colour	Orange Brown
Texture	Sand		
GEOLOGY			
Source	M	Reliability	L
Code	K		Map Unit
Map Unit	Ccs		
SPECHT STRUCTURE CODE			
Open Forest			
GROUND (%)			
Litter	10	Rock	0
Bare ground	0		Cryptophyte
Vegetation	90		
RAINFOREST			
Struct. Complexity	-	Leaf Size	-
Leaf fall	-		Floor Comp
In. Gr Forms	-		
DISTURBANCE			
Storm damage (Proportion/Age)	0		Road Works (Proportion/Age)
Fire (Proportion/Age/Height)	0		Salinity
Logging (#)	N		Ringbarking /Thinning (#)
Grazing	N		Feral Digging
Weeds (% Cover)	5%		Remnant
Erosion (Type/Severity)	0		

SITE NUMBER	46B		continued	
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1				<i>Corymbia clarksoniana</i>
Tree 2				<i>Acacia julifera</i> subsp. <i>julifera</i> <i>Acronychia laevis</i> <i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Banksia integrifolia</i> subsp. <i>compare</i>
Tree 3	-	-	-	-
Shrub 1	0.5-1.5	0.8	-	<i>Lithomyrtus obtusa</i>
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Abutilon albescens</i> var. <i>australiense</i> <i>Eriachne pallescens</i> <i>Lomandra leucocephala</i> subsp. <i>leucocephala</i> <i>Triumfetta rhomboidea</i>

SITE NUMBER	48												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	Non-rem 8.2.7b												
DATE	23/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	Corymbia clarksoniana open forest												
GENERAL NOTES													
COMMUNITY AREA (ha)			20-50			COMMUNITY WIDTH (m)			75-150				
MAPPED (Current RE)			8.3.13c			REFERENCE SITE			n				
LANDFORM													
Situation	A	Element	PLA	Eros pattern	UP	Pattern	PLA						
SLOPE													
Type	F	Slope (%)	0	Aspect (°)	60								
SOILS													
Source	S	Reliability	M	Code	A	Add data	-	ISB/MU	-	Colour	Dark Brown	Texture	Sand
GEOLOGY													
Source	M	Reliability	Low	Code	B	Map Unit	Qa						
SPECHT STRUCTURE CODE						Open Forest							
GROUND (%)													
Litter	0	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	100				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0			Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0			Salinity	0								
Logging (#)	N			Ringbarking /Thinning (#)	N								
Grazing	N			Feral Digging	N								
Weeds (% Cover)	5%			Remnant	Y								
Erosion (Type/Severity)	0												

SITE NUMBER	48	continued										
STRUCTURAL SUMMARY												
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species								
Emergent	-	-	-	-								
Tree 1	9-17	10	40.5	Banksia integrifolia subsp. compare Corymbia clarksoniana Corymbia tessellaris Eucalyptus crebra Melaleuca dealbata								
Tree 2	3-7	5	25	Acacia disparrima subsp. disparrima Acacia leiocalyx subsp. leiocalyx Alphitonia excelsa Drypetes deplanchei Glochidion lobocarpum Planchonia careya								
Tree 3	-	-	-	-								
Shrub 1	0.5-1.5	1.5		Acacia disparrima subsp. disparrima								

				<i>Alphitonia excelsa</i> <i>Ficus opposita</i> <i>Lantana camara</i> * <i>Wikstroemia indica</i>
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Abutilon albescens</i> var. <i>australiense</i> <i>Ageratum conyzoides</i> subsp. <i>conyzoides</i> <i>Cenchrus ciliaris</i> * <i>Cyanthillium cinereum</i> <i>Panicum effusum</i> <i>Passiflora suberosa</i> * <i>Sida cordifolia</i> * <i>Stephania japonica</i> var. <i>discolor</i> <i>Triumfetta rhomboides</i>

BASAL AREA & STEM COUNTS


Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)						
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2	
<i>Corymbia clarksoniana</i>														
<i>Banksia integrifolia</i> subsp. <i>compare</i>		2							1					
<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>												2		
<i>Melaleuca dealbata</i>		1							1	21				
<i>Planchonia careya</i>														
<i>Acacia disparrima</i> subsp. <i>Disparrima</i>		2												
<i>Eucalyptus platyphylla</i>		1												
<i>Eucalyptus crebra</i>		2												
<i>Lantana camara</i> *												4		
<i>Ficus opposita</i>												1		
<i>Alphitonia excelsa</i>												2		
<i>Mallotus discolor</i>										1				
<i>Drypetes deplanchei</i>												2		

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	9.5	<i>Ficus opposita</i>	T1
5.5	6	<i>Drypetes deplanchei</i>	T2
8.5	11.5	<i>Mallotus discolor</i>	T2
31.5	36	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
32	37.5	<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>	T1
47.5	50	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
45	50	<i>Corymbia clarksoniana</i>	T1
53	56	<i>Corymbia tessellaris</i>	T2
57.5	60	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	T2
60	63.5	<i>Alphitonia excelsa</i>	T2

60	70.5	<i>Corymbia tessellaris</i>	T1
63	63.5	<i>Planchonia careya</i>	T2
72	74	<i>Acacia disparrima subsp. disparrima</i>	T2
79	83.5	<i>Corymbia clarksoniana</i>	T1
89	90	<i>Corymbia tessellaris</i>	T1
95.5	100	<i>Corymbia clarksoniana</i>	T1
95	98	<i>Planchonia careya</i>	T2


Tertiary Site

SITE NUMBER	50												
LEVEL	3												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	Non-rem												
DATE	23/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
SITE DESCRIPTION	Open Grassy Paddock												
GENERAL NOTES													
COMMUNITY AREA (ha)	C		COMMUNITY WIDTH (m)	E									
MAPPED (Current RE)	Non-remnant		REFERENCE SITE	N									
LANDFORM													
Situation	A	Element	PLA	Eros pattern	UP	Pattern	PLA						
SLOPE													
Type	F	Slope (%)	0	Aspect (°)	50								
SOILS													
Source	I	Reliability	L	Code	A	Add data	-	ISB/MU	-	Colour	Brown	Texture	Sand
GEOLOGY													
Source	I	Reliability	L	Code	B	Map Unit	Qa						
SPECHT STRUCTURE CODE					Tussock Grassland								
GROUND (%)													
Litter	0	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	100				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)	0		Road Works (Proportion/Age)	0									
Fire (Proportion/Age/Height)	0		Salinity	0									
Logging (#)	Y		Ringbarking /Thinning (#)	N									
Grazing	N		Feral Digging	N									
Weeds (% Cover)	95%		Remnant	N									
Erosion (Type/Severity)	0												

SITE NUMBER	50		continued	
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1	-	-	-	-
Tree 2	-	-	-	-
Tree 3	-	-	-	-
Shrub 1	-	-	-	-
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Ageratum conyzoides</i> subsp. <i>Conyzoides</i> * <i>Bidens bipinnata</i> * <i>Cenchrus ciliaris</i> * <i>Chamaecrista rotundifolia</i> * <i>Chloris gayana</i> *


				<i>Cynodon dactylon</i> * <i>Epaltes australis</i> <i>Heteropogon contortus</i> <i>Malvastrum americanum</i> * <i>Sida cordifolia</i> * <i>Sida rhombifolia</i> * <i>Sida hakettiana</i> <i>Spermacoce remota</i> * <i>Stylosanthes humilis</i> *
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Tertiary Site

SITE NUMBER	53		
LEVEL	3		
DETAIL SP. LIST	Y		
REGIONAL ECOSYSTEM	8.11.8a		
DATE	23/09/2010		
RECORDER	David Francis & Julia Olsen		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION	<i>Eucalyptus crebra</i> windswept low forest on rock		
GENERAL NOTES			
COMMUNITY AREA (ha)	F	COMMUNITY WIDTH (m)	E
MAPPED (Current RE)	8.11.3a		REFERENCE SITE
LANDFORM			
Situation	F	Element	HSL
Eros pattern	SH		Pattern
HIL			
SLOPE			
Type	R	Slope (%)	30
Aspect (°)	0		
SOILS			
Source	I	Reliability	L
Code	A/K	Add data	-
ISB/MU	-	Colour	Brown
Texture	Sandy Clay		
GEOLOGY			
Source	I	Reliability	L
Code	K		Map Unit
Ccs			
SPECHT STRUCTURE CODE			
GROUND (%)			
Litter	0	Rock	10
Bare ground	0		Cryptophyte
0		Vegetation	90
RAINFOREST			
Struct. Complexity	-	Leaf Size	-
Leaf fall	-		Floor Comp
-		In. Gr Forms	-
DISTURBANCE			
Storm damage (Proportion/Age)	0		Road Works (Proportion/Age)
0		Salinity	0
Fire (Proportion/Age/Height)	0		Ringbarking /Thinning (#)
N		Feral Digging	N
Logging (#)	N		Remnant
Grazing	N		Y
Weeds (% Cover)	<1%		
Erosion (Type/Severity)	0		

SITE NUMBER	53		continued	
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1				<i>Eucalyptus crebra</i> <i>Eucalyptus exserta</i> <i>Melaleuca nervosa</i>
Tree 2	4-7	5		<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i> <i>Jacksonia scoparia</i> <i>Alphitonia excelsa</i>
Tree 3	-	-	-	-
Shrub 1	-	-	-	-
Shrub 2	-	-	-	-
Ground	0-0.5	0.5	-	<i>Brunoniella australis</i> <i>Cyanthillium cinereum</i> <i>Enteropogon unispiceus</i> <i>Eriachne pallescens</i> <i>Paspalidium gracile</i>

				<i>Pterocaulon redolens</i> <i>Sida cordifolia</i> * <i>Triumfetta rhomboidea</i> <i>Xanthorrhoea latifolia</i>
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SITE NUMBER	56													
LEVEL	2													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	8.2.8a													
DATE	23/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
SITE DESCRIPTION	<i>Lophostemon suaveolens</i> / <i>Eucalyptus portuensis</i> open forest													
GENERAL NOTES														
COMMUNITY AREA (ha)	D			COMMUNITY WIDTH (m)	B									
MAPPED (Current RE)	8.11.10/8.12.14x2c			REFERENCE SITE	N									
LANDFORM														
Situation	A			Element	BAN			Eros pattern	UP		Pattern	ALP		
SLOPE														
Type	V			Slope (%)	3			Aspect (°)	290					
SOILS														
Source	S	Reliability	M	Code	A/K	Add data	-	ISB/MU	-	Colour	Dark Brown	Texture	Sandy Clay	
GEOLOGY														
Source	M			Reliability	L			Code	K		Map Unit	Ccs		
SPECHT STRUCTURE CODE				Open Forest										
GROUND (%)														
Litter	15		Rock	0		Bare ground	0		Cryptophyte	0		Vegetation	85	
RAINFOREST														
Struct. Complexity	-		Leaf Size	-		Leaf fall	-		Floor Comp	-		In. Gr Forms	-	
DISTURBANCE														
Storm damage (Proportion/Age)	0			Road Works (Proportion/Age)	0									
Fire (Proportion/Age/Height)	0			Salinity	0									
Logging (#)	0			Ringbarking /Thinning (#)	0									
Grazing	0			Feral Digging	0									
Weeds (% Cover)	<5%			Remnant										
Erosion (Type/Severity)	0													

SITE NUMBER	56				continued				
STRUCTURAL SUMMARY									
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species					
Emergent	-	-	-	-					
Tree 1	10-16	15	46.5	<i>Corymbia citriodora</i> subsp. <i>citriodora</i> <i>Eucalyptus moluccana</i> <i>Eucalyptus platyphylla</i> <i>Eucalyptus portuensis</i> <i>Lophostemon suaveolens</i> <i>Melaleuca quinquenervia</i>					
Tree 2	3-7	5	90	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Alphitonia excelsa</i> <i>Drypetes deplanchei</i> <i>Glochidion lobocarpum</i> <i>Planchonia careya</i> <i>Pouteria sericea</i>					

Tree 3	-	-	-	-
Shrub 1				<i>Alyxia ruscifolia</i> <i>Breynia oblongifolia</i>
Shrub 2	-	-	-	<i>Lantana camara</i> *
Ground	0-0.5	0.5	-	<i>Ageratum houstonianum</i> * <i>Arundinella nepalensis</i> <i>Clematocissus opaca</i> <i>Geitonoplesium cymosum</i> <i>Gahnia aspera</i> <i>Hybanthus stellarioides</i> <i>Imperata cylindrica</i> <i>Lomandra confertifolia</i> subsp. <i>pallida</i> <i>Melinis minutiflora</i> * <i>Pandorea pandorana</i> <i>Stephania japonica</i> <i>Triumfetta rhomboides</i> <i>Vernonia cinerea</i>

BASAL AREA & STEM COUNTS


Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Corymbia tessellaris</i>		2							1				
<i>Lophostemon suaveolens</i>		6	2						7	2			
<i>Eucalyptus portuensis</i>		2							2				
<i>Corymbia citriodora</i> subsp. <i>citriodora</i>		1											
<i>Corymbia clarksoniana</i>			1						3	1			
<i>Alphitonia excelsa</i>										17		11	2
<i>Alphitonia dispurmum</i>									2	3		1	1
<i>Drypetes deplanchei</i>										2		1	
<i>Melaleuca quinquenervia</i>		1							1				
<i>Lophostemon confertus</i>		1							2				
<i>Planchonia careya</i>			1							3			
<i>Lantana camara</i>												2	2
<i>Ficus opposita</i>													1

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	1	<i>Drypetes deplanchei</i>	
0	1.5	<i>Alphitonia excelsa</i>	
1.5	12.5	<i>Lophostemon suaveolens</i>	
4	15.5	<i>Alphitonia excelsa</i>	
14	20.5	<i>Eucalyptus portuensis</i>	
14	19	<i>Acacia disparrima</i> subsp. <i>disparrima</i>	
19	23.5	<i>Lophostemon suaveolens</i>	
20	28	<i>Alphitonia excelsa</i>	
20.5	26	<i>Corymbia tessellaris</i>	
24.5	40	<i>Eucalyptus portuensis</i>	

26.5	28	<i>Eucalyptus crebra</i>	
29	33.5	<i>Acacia disparrima subsp. disparrima</i>	
34	100	<i>Lophostemon suaveolens</i>	
36	37.5	<i>Planchonia careya</i>	
44	47	<i>Planchonia careya</i>	
61	63	<i>Eucalyptus portuensis</i>	
75	81	<i>Corymbia clarksoniana</i>	


Tertiary Site REFERENCE SITE FOR 8.1.2

SITE NUMBER	59														
LEVEL	3														
DETAIL SP. LIST	Y														
REGIONAL ECOSYSTEM	8.1.2														
DATE	23/09/2010														
RECORDER	David Francis & Julia Olsen														
LOCALITY	Great Keppel Island														
SITE DESCRIPTION	Saltpan tidal mudflats.														
GENERAL NOTES															
COMMUNITY AREA (ha)			D			COMMUNITY WIDTH (m)			B						
MAPPED (Current RE)			8.1.2			REFERENCE SITE			Y						
LANDFORM															
Situation		V		Element		TDF		Eros pattern		LP		Pattern		TID	
SLOPE															
Type		V		Slope (%)		<1%		Aspect (°)		-					
SOILS															
Source	S	Reliability	M	Code	E	Add data	-	ISB/MU	-	Colour	F	Texture	I		
GEOLOGY															
Source		O		Reliability		L		Code		K		Map Unit		Ccs	
SPECHT STRUCTURE CODE						Open Sedgeland									
GROUND (%)															
Litter		-		Rock		-		Bare ground		-		Cryptophyte		-	
Vegetation		-													
RAINFOREST															
Struct. Complexity		-		Leaf Size		-		Leaf fall		-		Floor Comp		-	
In. Gr Forms		-													
DISTURBANCE															
Storm damage (Proportion/Age)			0			Road Works (Proportion/Age)			0						
Fire (Proportion/Age/Height)			0			Salinity			1						
Logging (#)			N			Ringbarking /Thinning (#)			N						
Grazing			N			Feral Digging			N						
Weeds (% Cover)			0			Remnant									
Erosion (Type/Severity)			0												

SITE NUMBER		59		continued	
STRUCTURAL SUMMARY					
Stratum		Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent		-	-	-	-
Tree 1		-	-	-	<i>Melaleuca nervosa</i> <i>Aegiceras corniculatum</i> Out of Plot <i>Avicinna marina</i> <i>Excoecaria agallocha</i>
Tree 2		-	-	-	-
Tree 3		-	-	-	-
Shrub 1		-	-	-	-
Shrub 2		-	-	-	-

Ground				<i>Cerriops tagal</i> <i>Epaltes australis</i> <i>Fimbristylis ferruginea</i> <i>Juncus kraussii</i> subsp. <i>australiensis</i> <i>Sarcocornia quinqueflora</i> <i>Schenkia australis</i> <i>Sporobolus virginicus</i> Out of Plot <i>Crinum flaccidum</i>
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REFERENCE SITE FOR 8.11.8b


SITE NUMBER	60												
LEVEL	2												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.11.8b												
DATE	23/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
													
SITE DESCRIPTION	<i>Eucalyptus moluccana</i> closed forest												
GENERAL NOTES	Soils appear colluvial in origin												
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150							
MAPPED (Current RE)	8.11.3a				REFERENCE SITE	Y							
LANDFORM													
Situation	A	Element	PLA			Eros pattern	LP	Pattern	PLA				
SLOPE													
Type	F		Slope (%)	1		Aspect (°)	300						
SOILS													
Source	S	Reliability	M	Code	N	Add data	-	ISB/MU	-	Colour	Dark Brown	Texture	Sandy Clay
GEOLOGY													
Source	M		Reliability	L		Code	B		Map Unit	Qa			
SPECHT STRUCTURE CODE													
Closed Forest													
GROUND (%)													
Litter	35		Rock	0		Bare ground	5		Cryptophyte	0		Vegetation	60
RAINFOREST													
Struct. Complexity	-		Leaf Size	-		Leaf fall	-		Floor Comp	-		In. Gr Forms	-
DISTURBANCE													
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0							
Fire (Proportion/Age/Height)	0				Salinity	0							
Logging (#)	N				Ringbarking /Thinning (#)	N							
Grazing	N				Feral Digging	N							
Weeds (% Cover)	3%				Remnant	Y							
Erosion (Type/Severity)	3/3												

SITE NUMBER	60				continued			
STRUCTURAL SUMMARY								
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species				
Emergent	-	-	-	-				
Tree 1	9-20	14	97	<i>Eucalyptus moluccana</i>				
Tree 2	5-8	6		<i>Eucalyptus moluccana</i>				
Tree 3	-	-	-	-				
Shrub 1	0.5-2	1	-	<i>Alphitonia excelsa</i> <i>Eucalyptus moluccana</i> <i>Opuntia stricta</i> *				
Shrub 2	-	-	-	-				
Ground	0-0.5	0.5	-	<i>Achyranthes aspera</i> <i>Brunoniella australis</i> <i>Cenchrus ciliaris</i> * <i>Cyanthillium cinereum</i> <i>Enteropogon unispiceus</i>				

																<i>Eriachne pallescens</i> <i>Heteropogon contortus</i> <i>Leptochloa decipiens subsp. decipiens</i> <i>Megathyrsus maximus*</i> <i>Opuntia stricta*</i> <i>Passiflora suberosa*</i> <i>Stachytarpheta jamaicensis *</i>
BASAL AREA & STEM COUNTS																
Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)								
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2			
<i>Eucalyptus moluccana</i>		11	3							7	13		4			
<i>Alphitonia excelsa</i>													1			
<i>Opuntia stricta*</i>													4			

CANOPY COVER DATA (100m TRANSECT)			
Canopy Start (m)	Canopy finish (m)	Species	Strata
0	51.5	<i>Eucalyptus moluccana</i>	T1
50	59	Stag	T1
59	97	<i>Eucalyptus moluccana</i>	T1

REFERENCE SITE FOR 8.11.8a

SITE NUMBER	61														
LEVEL	2														
DETAIL SP. LIST	Y														
REGIONAL ECOSYSTEM	8.11.8a														
DATE	23/09/2010														
RECORDER	David Francis & Julia Olsen														
LOCALITY	Great Keppel Island														
															
SITE DESCRIPTION	<i>Eucalyptus crebra</i> closed forest on upper rocky hillside														
GENERAL NOTES															
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150									
MAPPED (Current RE)	8.11.3a				REFERENCE SITE	Y									
LANDFORM															
Situation	F			Element	SH			Eros pattern	UH			Pattern	HIL		
SLOPE															
Type	U			Slope (%)	35			Aspect (°)	80						
SOILS															
Source	S	Reliability	M	Code	N	Add data	-	ISB/MU	-	Colour	Brown		Texture	Sandy Clay	
GEOLOGY															
Source	M			Reliability	L			Code	K			Map Unit	Ccs		
SPECHT STRUCTURE CODE															
Low Closed Forest															
GROUND (%)															
Litter	10		Rock	5		Bare ground	0		Cryptophyte	0		Vegetation	85		
RAINFOREST															
Struct. Complexity	-		Leaf Size	-		Leaf fall	-		Floor Comp	-		In. Gr Forms	-		
DISTURBANCE															
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0									
Fire (Proportion/Age/Height)	0				Salinity	0									
Logging (#)	N				Ringbarking /Thinning (#)	N									
Grazing	N				Feral Digging	N									
Weeds (% Cover)	5				Remnant	Y									
Erosion (Type/Severity)	0														

SITE NUMBER	61				continued				
STRUCTURAL SUMMARY									
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species					
Emergent	-	-	-	-					
Tree 1	3-8	5	72.5	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i> <i>Corymbia clarksoniana</i> <i>Eucalyptus crebra</i> <i>Eucalyptus drepanophylla</i> <i>Eucalyptus portuensis</i> <i>Lophostemon confertus</i>					
Tree 2	-	-	-	-					
Tree 3	-	-	-	-					
Shrub 1	1.5-3	1.5	-	<i>Jacksonia scoparia</i>					
Shrub 2	0-1	1	-	<i>Xanthorrhoea latifolia</i>					

Ground	0-0.5	0.5	-	<i>Arundinella nepalensis</i> <i>Brunoniella australis</i> <i>Cymbopogon bombycinus</i> <i>Dianella rara</i> <i>Eremochloa bimaculata</i> <i>Indigofera pratensis</i> <i>Lepidosperma laterale</i> var. <i>laterale</i> <i>Lomandra confertifolia</i> subsp. <i>pallida</i> <i>Periplura diffusa</i> <i>Glycine tabacina</i> <i>Tephrosia filipes</i> subsp. <i>filipes</i> <i>Xanthorrhoea latifolia</i>
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BASAL AREA & STEM COUNTS

Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Eucalyptus fibrosa</i>		1							3				
<i>Eucalyptus crebra</i>		10							4				
<i>Eucalyptus portuensis</i>		2							5				
<i>Lophostemon confertus</i>		3							5				
<i>Corymbia clarksoniana</i>									1	1			
<i>Acacia disparrima</i> subsp. <i>disparrima</i>													
<i>Grevillea banksii</i>									1			1	1
<i>Jacksonia scoparia</i>												2	
<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>										1		6	
<i>Alphitonia excelsa</i>												1	

CANOPY COVER DATA (100m TRANSECT)

Canopy Start (m)	Canopy finish (m)	Species	Strata
0	6	<i>Eucalyptus drepanophylla</i>	T1
15	20	<i>Eucalyptus drepanophylla</i>	T1
22	23	<i>Eucalyptus drepanophylla</i>	T1
24.5	26	<i>Lophostemon confertus</i>	T1
26	40	<i>Eucalyptus drepanophylla</i>	T1
31	40	<i>Lophostemon confertus</i>	T1
40.5	43	<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>	T2
40	46	<i>Eucalyptus drepanophylla</i>	T1
46	53.5	<i>Lophostemon confertus</i>	T1
58	64	<i>Eucalyptus crebra</i>	T1
62	66	<i>Lophostemon confertus</i>	T1
67	72.5	<i>Lophostemon confertus</i>	T1
72.5	77	<i>Eucalyptus drepanophylla</i>	T1
75.5	76	<i>Acacia leiocalyx</i> subsp. <i>leiocalyx</i>	T1
79	84.5	<i>Eucalyptus drepanophylla</i>	T1

80	81	<i>Lophostemon confertus</i>	T1
83	84	<i>Lophostemon confertus</i>	T1
86.5	90	<i>Eucalyptus portuensis</i>	T1
91.5	96.5	<i>Lophostemon confertus</i>	T1
97	100	<i>Eucalyptus portuensis</i>	T1

SITE NUMBER	88		
LEVEL	2		
DETAIL SP. LIST	Y		
REGIONAL ECOSYSTEM	Non-rem 8.2.8a		
DATE	24/09/2010		
RECORDER	David Francis & Julia Olsen		
LOCALITY	Great Keppel Island		
SITE DESCRIPTION	<i>Corymbia clarksoniana</i> open forest		
GENERAL NOTES			
COMMUNITY AREA (ha)	20-50	COMMUNITY WIDTH (m)	75-150
MAPPED (Current RE)	8.2.8a	REFERENCE SITE	N
LANDFORM			
Situation	A	Element	PLA
Eros pattern	GP	Pattern	PLA
SLOPE			
Type	M	Slope (%)	5
Aspect (°)	0		
SOILS			
Source	S	Reliability	M
Code	A	Add data	-
ISB/MU	-	Colour	Brown
Texture	Sand		
GEOLOGY			
Source	M	Reliability	M
Code	O		Map Unit
Qhcd			
SPECHT STRUCTURE CODE			
Open Forest			
GROUND (%)			
Litter	60	Rock	0
Bare ground	0		Cryptophyte
F	Vegetation		
40			
RAINFOREST			
Struct. Complexity	-	Leaf Size	-
Leaf fall	-		Floor Comp
In. Gr Forms	-		
DISTURBANCE			
Storm damage (Proportion/Age)	0		Road Works (Proportion/Age)
Fire (Proportion/Age/Height)	0		Salinity
Logging (#)	Y		Ringbarking /Thinning (#)
Grazing	N		Feral Digging
Weeds (% Cover)	<1%		Remnant
Erosion (Type/Severity)	0		Y


SITE NUMBER	88	continued		
STRUCTURAL SUMMARY				
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species
Emergent	-	-	-	-
Tree 1	10-16	13	26.5	<i>Alphitonia excelsa</i> <i>Banksia integrifolia</i> subsp. <i>compar</i> <i>Corymbia clarksoniana</i>
Tree 2	3-8	5	54.5	<i>Acacia julifera</i> subsp. <i>julifera</i> <i>Allocasuarina littoralis</i> <i>Alphitonia excelsa</i> <i>Planchonia careya</i>
Tree 3	-	-	-	-
Shrub 1	1-1.5	1	-	<i>Alphitonia excelsa</i> <i>Lithomyrtus obtusa</i> <i>Opuntia stricta</i> *

Shrub 2	0.5-1	0.5	-	<i>Breynia oblongifolia</i>									
Ground	0-0.5	0.5	-	<i>Amyema conspicua subsp. conspicua</i> <i>Clematicissus opaca</i> <i>Eriachne pallescens</i> <i>Imperata cylindrica</i> <i>Megathyrsus maximus*</i> <i>Passiflora suberosa*</i>									
BASAL AREA & STEM COUNTS													
Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Acacia julifera subsp. julifera</i>			1							2			
<i>Corymbia clarksoniana</i>		2							1	2			
<i>Banksia integrifolia subsp. compar</i>			1							4			
<i>Planchonia careya</i>										6			
<i>Alphitonia excelsa</i>			6							27			2
<i>Allocasuarina littoralis</i>			1							11		1	1
<i>Lithomyrtus obtusa</i>												1	1
<i>Breynia oblongifolia</i>													1
<i>Grevillea banksii</i>												1	
<i>Opuntia stricta*</i>												1	1
<i>Ficus opposita</i>										1			
<i>Acacia leiocalyx subsp. leiocalyx</i>										1			

CANOPY COVER DATA (100m TRANSECT)			
Canopy Start (m)	Canopy finish (m)	Species	Strata
0	2	<i>Alphitonia excelsa</i>	T2
4	9	<i>Alphitonia excelsa</i>	T2
9.5	16.5	<i>Planchonia careya</i>	T2
10	20	<i>Corymbia clarksoniana</i>	T1
15.5	18	<i>Allocasuarina littoralis</i>	T2
18	20.5	<i>Alphitonia excelsa</i>	T1
19.5	22.5	<i>Allocasuarina littoralis</i>	T2
23.5	26.5	<i>Alphitonia excelsa</i>	T2
26.5	28.5	<i>Allocasuarina littoralis</i>	T2
29.5	32.5	<i>Alphitonia excelsa</i>	T2
34.5	37.5	<i>Alphitonia excelsa</i>	T2
36.5	39	<i>Planchonia careya</i>	T2
39	42.5	<i>Alphitonia excelsa</i>	T2
45.5	47	<i>Corymbia clarksoniana</i>	T2
48	51	<i>Acacia leiocalyx subsp. leiocalyx</i>	T2
49	51.5	<i>Allocasuarina littoralis</i>	T2


55	56.5	<i>Banksia integrifolia</i> subsp. <i>compar</i>	T2
58.5	67	<i>Corymbia clarksoniana</i>	T1
65	67.5	<i>Alphitonia excelsa</i>	T2
67	68	<i>Allocasuarina littoralis</i>	T2
72.5	77	<i>Alphitonia excelsa</i>	T2
74	76	<i>Allocasuarina littoralis</i>	T2
79	80	<i>Corymbia clarksoniana</i>	T1
80	86	<i>Alphitonia excelsa</i>	T2
82.5	84	<i>Glochidion lobocarpum</i>	T2
87	90	<i>Allocasuarina littoralis</i>	T2
95.5	99.5	<i>Banksia integrifolia</i> subsp. <i>compar</i>	T1
99	100	<i>Allocasuarina littoralis</i>	T1

Tertiary

SITE NUMBER	89													
LEVEL	3													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	Non-rem 8.2.8a													
DATE	24/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
														SITE DESCRIPTION
GENERAL NOTES														
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150								
MAPPED (Current RE)	8.2.8a				REFERENCE SITE	N								
LANDFORM														
Situation	A			Element	PLA			Eros pattern	GP		Pattern	PLA		
SLOPE														
Type	M			Slope (%)	5			Aspect (°)	320					
SOILS														
Source	S	Reliability	M	Code	A	Add data	-	ISB/MU	-	Colour	Brown	Texture	Sand	
GEOLOGY														
Source	M			Reliability	L			Code	F		Map Unit	Qchd		
SPECHT STRUCTURE CODE														
GROUND (%)														
Litter	60	Rock	0	Bare ground	0	Cryptophyte	0	Vegetation	40					
RAINFOREST														
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-					
DISTURBANCE														
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0				Salinity	0								
Logging (#)	Y				Ringbarking /Thinning (#)	N								
Grazing	N				Feral Digging	N								
Weeds (% Cover)	<5%				Remnant	Y								
Erosion (Type/Severity)	0													

SITE NUMBER	89				continued				
STRUCTURAL SUMMARY									
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species					
Emergent	-	-	-	-					
Tree 1	6-9	8	-	<i>Corymbia clarksoniana</i>					
Tree 2	3-6	6	-	<i>Acacia julifera subsp. julifera</i> <i>Alphitonia excelsa</i>					
Tree 3	-	-	-	-					
Shrub 1	0.5-0.75	0.75	-	<i>Lithomyrtus obtusa</i> <i>Xanthorrhoea latifolia</i>					
Shrub 2	-	-	-	-					
Ground	0-0.5	0.5	-	<i>Lomandra confertifolia subsp. pallida</i>					

REFERENCE SITE FOR 8.2.6a

SITE NUMBER	98													
LEVEL	2													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	8.2.6a													
DATE	24/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
														SITE DESCRIPTION
GENERAL NOTES														
COMMUNITY AREA (ha)				20-50				COMMUNITY WIDTH (m)				75-150		
MAPPED (Current RE)				8.2.8a				REFERENCE SITE				Y		
LANDFORM														
Situation		F	Element		FOO	Eros pattern		GP	Pattern		RIS			
SLOPE														
Type		L		Slope (%)		1		Aspect (°)		200				
SOILS														
Source	S	Reliability	M	Code	D	Add data	-	ISB/MU	-	Colour	Brown	Texture	Loamy Sandy Clay	
GEOLOGY														
Source		M		Reliability		L		Code		F		Map Unit		Qhcd
SPECHT STRUCTURE CODE								Open Forest						
GROUND (%)														
Litter		60		Rock		0		Bare ground		0		Cryptophyte		0
Vegetation		40												
RAINFOREST														
Struct. Complexity		-		Leaf Size		-		Leaf fall		-		Floor Comp		-
In. Gr Forms		-												
DISTURBANCE														
Storm damage (Proportion/Age)				0				Road Works (Proportion/Age)				0		
Fire (Proportion/Age/Height)				0				Salinity				0		
Logging (#)				N				Ringbarking /Thinning (#)				N		
Grazing				N				Feral Digging				N		
Weeds (% Cover)				<5%				Remnant				Y		
Erosion (Type/Severity)				0										

SITE NUMBER		98			continued	
STRUCTURAL SUMMARY						
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species		
Emergent	-	-	-	-		
Tree 1	10-16	15	54.5	<i>Corymbia clarksoniana</i> <i>Eucalyptus camaldulensis</i> <i>Eucalyptus tereticornis</i>		
Tree 2	4-10	7	66	<i>Alphitonia excelsa</i> <i>Banksia integrifolia</i> subsp. <i>compar</i> <i>Lophostemon confertus</i> <i>Planchonia careya</i>		
Tree 3	-	-	-	-		
Shrub 1	2-3	3	-	<i>Acronychia laevis</i>		

				<i>Breynia oblongifolia</i> <i>Lantana camara</i> *
Shrub 2	0.5-1	1	-	<i>Opuntia stricta</i> * <i>Xanthorrhoea latifolia</i>
Ground	0-0.5	0.5	-	<i>Cenchrus echinatus</i> * <i>Chamaecrista concinna</i> <i>Dianella caerulea</i> var. <i>protensa</i> <i>Eriachne pallescens</i> <i>Imperata cylindrica</i> <i>Melinis minutiflora</i> * <i>Melinis repens</i> * <i>Neptunia gracilis</i> <i>Oplismenus aemulus</i> <i>Passiflora suberosa</i> * <i>Xanthorrhoea latifolia</i>


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BASAL AREA & STEM COUNTS													
Species	Basal area for plot (50X10m)					Volume/ha		Stem count for plot (50X10m)					
	E	T1	T2	T3	S1	T1	T2	E	T1	T2	T3	S1	S2
<i>Eucalyptus tereticornis</i>		1							1				
<i>Eucalyptus camaldulensis</i>		3							2			1	
<i>Lophostemon confertus</i>			5						2	14		2	1
<i>Alphitonia excelsa</i>			1							12		3	2
<i>Lantana camara</i> *												3	
<i>Planchonia careya</i>			3							6			2
<i>Acacia disparrima</i> subsp. <i>disparrima</i>			1							1		1	
<i>Corymbia clarksoniana</i>		2							1	1			
<i>Breynia oblongifolia</i>												20	12
<i>Ficus obliqua</i>			1							1			
<i>Allocasuarina littoralis</i>												3	
<i>Opuntia stricta</i> *												1	
<i>Glochidion lobocarpum</i>												1	

CANOPY COVER DATA (100m TRANSECT)			
Canopy Start (m)	Canopy finish (m)	Species	Strata
0	3	<i>Eucalyptus tereticornis</i>	T1
0	6.5	<i>Lophostemon confertus</i>	T2
2	3.5	<i>Alphitonia excelsa</i>	T2
3.5	5	<i>Planchonia careya</i>	T2
8.5	20	<i>Lophostemon confertus</i>	T2
8.5	15	<i>Eucalyptus camaldulensis</i>	T1
20	20.5	<i>Alphitonia excelsa</i>	T2
21	32	<i>Lophostemon confertus</i>	T2
26.5	38	<i>Eucalyptus camaldulensis</i>	T1
34.5	38	<i>Alphitonia excelsa</i>	T2


44	48	<i>Alphitonia excelsa</i>	T2
43.5	44	<i>Lophostemon confertus</i>	T2
56	58.5	<i>Alphitonia excelsa</i>	T2
59	70.5	<i>Lophostemon confertus</i>	T2
64	69.5	<i>Eucalyptus tereticornis</i>	T1
70	84.5	<i>Eucalyptus camaldulensis</i>	T1
71	77	<i>Lophostemon confertus</i>	T2
84.5	98	<i>Corymbia clarksoniana</i>	T1
86	100	<i>Lophostemon confertus</i>	T2

Tertiary

SITE NUMBER	99												
LEVEL	3												
DETAIL SP. LIST	Y												
REGIONAL ECOSYSTEM	8.11.8a												
DATE	24/09/2010												
RECORDER	David Francis & Julia Olsen												
LOCALITY	Great Keppel Island												
													
GENERAL NOTES													
COMMUNITY AREA (ha)				20-50				COMMUNITY WIDTH (m)				75-150	
MAPPED (Current RE)				8.2.8a				REFERENCE SITE				N	
LANDFORM													
Situation	F	Element	HSL	Eros pattern	UL	Pattern	HIL						
SLOPE													
Type	M	Slope (%)	5%			Aspect (°)	260						
SOILS													
Source	S	Reliability	M	Code	A/K	Add data	-	ISB/MU	-	Colour	Brown	Texture	Sandy Clay
GEOLOGY													
Source	I	Reliability	L	Code	F			Map Unit	Qhcd				
SPECHT STRUCTURE CODE													
Open Forest													
GROUND (%)													
Litter	40	Rock	0	Bare ground	20	Cryptophyte	0	Vegetation	40				
RAINFOREST													
Struct. Complexity	-	Leaf Size	-	Leaf fall	-	Floor Comp	-	In. Gr Forms	-				
DISTURBANCE													
Storm damage (Proportion/Age)		0			Road Works (Proportion/Age)		0						
Fire (Proportion/Age/Height)		0			Salinity		0						
Logging (#)		N			Ringbarking /Thinning (#)		N						
Grazing		N			Feral Digging		N						
Weeds (% Cover)		0			Remnant		Y						
Erosion (Type/Severity)		0											

SITE NUMBER	99				continued			
STRUCTURAL SUMMARY								
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species				
Emergent	-	-	-	-				
Tree 1	10-16	15	-	Corymbia citriodora subsp. citriodora Eucalyptus crebra Eucalyptus exserta				
Tree 2	3-5	4	-	Acacia leiocalyx subsp. leiocalyx Alphitonia excelsa				
Tree 3	-	-	-	-				
Shrub 1	0.5-1.5	1	-	Acacia leiocalyx subsp. leiocalyx Breyntia oblongifolia Wikstroemia indica				
Shrub 2	-	-	-	-				
Ground	0-0.5	0.5	-	Amyema conspicua subsp. conspicua				

Tertiary

SITE NUMBER	103													
LEVEL	3													
DETAIL SP. LIST	Y													
REGIONAL ECOSYSTEM	8.2.8a													
DATE	24/09/2010													
RECORDER	David Francis & Julia Olsen													
LOCALITY	Great Keppel Island													
														
SITE DESCRIPTION	Corymbia clarksoniana open forest													
GENERAL NOTES														
COMMUNITY AREA (ha)	20-50				COMMUNITY WIDTH (m)	75-150								
MAPPED (Current RE)	8.2.8a				REFERENCE SITE	N								
LANDFORM														
Situation	F			Element	HSL			Eros pattern	UL			Pattern	HIL	
SLOPE														
Type	M			Slope (%)	35			Aspect (°)						
SOILS														
Source	S	Reliability	M	Code	D	Add data	-	ISB/MU	-	Colour	Dark Brown	Texture	Loamy Sand	
GEOLOGY														
Source	M			Reliability	L			Code	F			Map Unit	Qchd	
SPECHT STRUCTURE CODE														
GROUND (%)														
Litter	40		Rock	0		Bare ground	0		Cryptophyte	0		Vegetation	60	
RAINFOREST														
Struct. Complexity	-		Leaf Size	-		Leaf fall	-		Floor Comp	-		In. Gr Forms	-	
DISTURBANCE														
Storm damage (Proportion/Age)	0				Road Works (Proportion/Age)	0								
Fire (Proportion/Age/Height)	0				Salinity	0								
Logging (#)	Y				Ringbarking /Thinning (#)	N								
Grazing	N				Feral Digging	N								
Weeds (% Cover)	1%				Remnant	Y								
Erosion (Type/Severity)	0													

SITE NUMBER	103				continued			
STRUCTURAL SUMMARY								
Stratum	Height Range in Strata (m)	Median Height (m)	Cover (%) (100m transect)	Species				
Emergent	-	-	-	-				
Tree 1	7-12	8	-	<i>Allocasuarina littoralis</i> <i>Corymbia clarksoniana</i>				
Tree 2	3-5	4	-	<i>Allocasuarina littoralis</i> <i>Banksia integrifolia</i> subsp. <i>compar</i> <i>Grevillea banksii</i> <i>Petalostigma pubescens</i>				
Tree 3	-	-	-	-				
Shrub 1	2-3	2	-	<i>Acacia disparrima</i> subsp. <i>disparrima</i> <i>Acacia julifera</i> subsp. <i>julifera</i> <i>Grevillea banksii</i> <i>Xanthorrhoea latifolia</i>				

