

## SPOTLIGHTING SURVEY PROFORMA

VINCENTIA 0011282

Survey Details

Name of surveyor

Leanna Sargent

Contact number

8584 8888

Date of survey

4/12/03

On foot or in vehicle

foot

Number of surveyors

1

Total effort expressed in person hours

3

Length of transect or grid dimensions

meander

Number of lights

1

Wattage of spotlight

100W

Location Details

Location (including basic habitat) description

SE corner of site above Moona Ck  
Rd & Powerline easement.

Map name

Huskisson

Map number

9027-4-N.

AMG Zone

36

Start details

Easting (6 digits)

286000

Finish details

Eastings (6 digits)

Northing (7 digits)

6116300

Northing (7 digits)

Start time (24 hr)

8pm

End time (24 hr)

11pm

(Stagwatching 8pm-9pm)

Weather Details

At start of survey, record Cloud cover\*

0

Moon\*

1/2

Wind direction and speed\*

—

Rain\*

—

Temperature (°C)

21-7°C

Comments

rain

1st fine night after 2 weeks

Very light night.

Stagwatching  
& Spotlighting



# **MAMMAL TRAPPING**



Survey Details

Name of surveyor

Renae Baker  
Alison Hunt

Contact number

VINCENTIA 0011282

85848488



Date traps set

24-11-03

Date traps collected

Type of trap (e.g. Elliot type B cage)

Elliot - A'

Dimensions of trap (length x breadth x width)

Number of traps

10

Intervals between traps

10m

Length of transect or grid dimensions

1300m

Bait used (e.g. meat type, peanut butter/oats)

PB/O/N.

Location Details

Location description

Commercial site, north eastern corner  
perpendicular to the Wool Road, along track edges: A

AMG Zone

56

Transect start or grid corner Easting (6 digits)

286820

Transect end or grid corner Eastings (6 digits)

286854

Northing (7 digits)

6115998

Northing (7 digits)

6115956

Comments

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03	1	ground	R. fuscipes	M	Heavy rain overnight
25-11-03	7	ground	R. fuscipes	U/K	"
25-11-03	98	ground	R. fuscipes	U/K	"
25-11-03	2	ground	R. fuscipes	U/K	"
25-11-03	4	ground	R. fuscipes	U/K	"
	1	"	"	U/K	"
	2	"	"	F	"
	3	"	"	U/K	"
	4	"	"	U/K	"
	7	"	"	U/K	"
	8	"	"	U/K	"

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
26-11-03	10	ground	R. fuscipes	U/K	heavy rain overnight + p.c.v.
"	6	"	Mus musculus	U/K	"
27-11-03	1	"	R. fuscipes	"	
"	2	"	"	"	
"	3	"	"	"	
"	4	"	"	"	
"	5	"	"	"	
"	7	"	"	"	
"	8	"	"	"	
"	10	"	Mus musculus	U/K	
28-11-03	1	"	Rattus fuscipes	"	clear night
	2	"	"	"	"
	5	"	"	"	"
2/12/03			Nil Records		
3/12/03	A5	Ground	Rattus lutreolus		
	A7	Ground	R. lutreolus		
	A10	Ground	Rattus fuscipes		
4/12-03	A2		Swamp rat		
	A3		Bush rat		
	A4		Swamp rat		
	A5		Bush rat		
5.12.03	A3	"	R. fuscipes	U/K	
	A8	"	R. fuscipes	U/K	
	A9	"	R. fuscipes	U/K	

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

12

Survey Details

Name of surveyor Alison Hunt  
Renee Baker  
ineg + Tammy  
Orange Haslehurst Contact number \_\_\_\_\_

Date traps set 24-11-03 Date traps collected 25-11-03

Type of trap (e.g. Elliot type B cage) Elliot A Dimensions of trap (length x breadth x width) \_\_\_\_\_

Number of traps 10 of each Intervals between traps 10m

Length of transect or grid dimensions 10m between Bait used (e.g. meat type, peanut butter/oats) \_\_\_\_\_

VINCENTIA 0011282



Location Details

Location description Commercial site Transect 'AZ'

AMG Zone 5b

Transect start or grid corner Easting (6 digits) 286531 Transect end or grid corner Eastings (6 digits) 285498

Northing (7 digits) 6115889 Northing (7 digits) 6115798

Comments Heavy rain (25/11)

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11	3rd cage	ground	(Rattus fuscipes) Bush Rat	M	
"	<del>3rd</del> Elliot #10	<del>at</del> ground	Brown antechinus (Antechinus stuartii)	F	
26/11	Elliot #7	ground	Rattus fuscipes		
26/11	cage #7	"	Rattus fuscipes		
26/11	Elliot #5	"	Rattus fuscipes		
26/11	Elliot #9	"	" "		
26/11	Elliot #10	"	" "		
2/12/03	A5		R. fuscipes		heavy rain O/N
3/12/03	C3		R. fuscipes		
"	A3		R. lutreolus		

\* Trap number should correspond to map outlining location of traps  
 \*\*For example ground or tree mounted

[illegible]

\*\*For example ground or tree mounted



A3

## ELLIOTT / PITFALL / GAGE TRAPPING SURVEY PROFORMAS

## Survey Details

Name of surveyor

Tammy Naschurst  
Reverie Baker meglerang  
Alison Hunt

Contact number

VINCENTIA 0011282



85848888

Date traps set

24-11-03

Date traps collected

Type of trap (e.g. Elliot type B cage)

Elliot 'A'

Dimensions of trap (length x breadth x width)

Number of traps

10

Intervals between traps

10m

Length of transect or grid dimensions

100m

Bait used (e.g. meat type, peanut butter/oats)

PB/O/U.

## Location Details

Location description

Residential site 20-30m east of Moona Creek Rd. 'A3'

AMG Zone

Transect start or grid corner Easting (6 digits)

286522

Transect end or grid corner Eastings (6 digits)

286443

Northing (7 digits)

6116443

Northing (7 digits)

6116372

Comments

clear night (no rain) 27-11-03

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03	3	ground	A. stuartii	F	8 nipples, Swollen pouch ✓
26-11-03			—		heavy rain o/night + pre-r ✓
27-11-03			—		
28-11-03	6	ground	A. stuartii	F	clear night, no rain. ✓
"	10	" "	Eastern Pygmy Possum Cercartetus nanus		" " ✓
2/12/03	A8	" "	A. stuartii		Heavy rain o/N ✓
3/12/03	A6	" "	A. stuartii		
4/12/03	A3		Pygmy possum		
	A9		Pusky antecinus		
5/12/03	A9	ground.	M. musculus		clear o'night. ✓

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted



Survey Details

VINCENTIA 0011282



Name of surveyor

Anson Hunt  
Renee Baker

Contact number

8584 8888

ERM

Date traps set

24-11-03

Date traps collected

Type of trap (e.g. Elliot type  
B cage)

Elliot 'A'

Dimensions of trap (length x  
breadth x width)

Number of traps

10

Intervals between traps

10m

Length of transect or grid  
dimensions

100m

Bait used (e.g. meat type,  
peanut butter/oats)

PB/O/H

Location Details

Location description

c. 30m Sth East of Moana Creek Road  
parallel to road: 'A4'

AMG Zone

56.

Transect start or grid corner  
Easting (6 digits)

286425

Transect end or grid corner  
Eastings (6 digits)

286374

Northing (7 digits)

6116307

Northing (7 digits)

6116220

Comments

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03			—		Heavy rain overnight
26-11-03			—		"
27-11-03			—		"
28-11-03			—		clear night
2/12/03			Nil records		Heavy rain O/N
3/12/03			Nil records		
4/12/03			Nil records		
5/12/03			Nil records		


\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted



AS

Survey Details

Name of surveyor Alison Hunt Kenae Baker  
Meg Lorang  
Tammy Haslehurst Contact number 85848888 

Date traps set 24-11-03 Date traps collected ~~25-11-03~~

Type of trap (e.g. Elliot type B cage) Elliot A Dimensions of trap (length x breadth x width) \_\_\_\_\_

Number of traps 10 traps Intervals between traps 10m

Length of transect or grid dimensions 100m Bait used (e.g. meat type, peanut butter/oats) \_\_\_\_\_

Location Details

Location description Residential Site : 'AS'

AMG Zone 5b

Transect start or grid corner Easting (6 digits) 286035 Transect end or grid corner Eastings (6 digits) 286089

Northing (7 digits) 6116360 Northing (7 digits) 6116250

Comments Heavy rain (25/11) Heavy rain overnight (26/11)

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11		Ground	Nil Records		rain
26/11		" "	" "		"
27/11		"	" "		"
28/11		"	" "		clear night
2/12	A1	Ground	A. swainsonii		Rain
3/12/03	A3	Ground	A. swainsonii		
4-12-03			Nil records		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted



46'

## ELLIOTT / PITFALL / CAGE TRAPPING SURVEY PROFORMAS

## Survey Details

Name of surveyor

Tummy Haskelhurst meey  
Renae Baker Loring

VINCENTIA 0011282



Date traps set

24-11-03

Date traps collected

25-11-03

Type of trap (e.g. Elliot type B cage)

Elliot 'A'

Dimensions of trap (length x breadth x width)

Number of traps

10

Intervals between traps

10m -

Length of transect or grid dimensions

c. 120m

Bait used (e.g. meat type, peanut butter/oats)

PB/o/m

## Location Details

Location description

Western corner of site: 'A6'

AMG Zone

Transect start or grid corner

Easting (6 digits)

⑦

285596

Transect end or grid corner

Easting (6 digits)

285511

Northing (7 digits)

6116576

Northing (7 digits)

6116742

⑨

Comments

25/11 Heavy rain overnight + prev. day +

night -

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03	3	ground	R. fuscipes	F	Heavy rain o/night + day pre
26-11-03	2	"	"	M	"
26-11-03	10	"	"		"
2/12/03	A8/A9		A. stuartii Rattus fuscipes		
3/12/03		Ground	A. stuartii		
4/12/03	A9		R. fuscipes		
5/12/03	A1	ground	R. fuscipes		clear o'night.
5/12/03	A10	ground	R. fuscipes		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted






A7

## ELLIOTT / PITFALL / CAGE TRAPPING SURVEY PROFORMAS

## Survey Details

Name of surveyor Alison Hunt Renae Baker  
Meg Lorang  
Tammy Haslehurst Contact number 85848888 VINCENTIA 0011282  ERM  
 Date traps set 24-11-03 Date traps collected 25-11-03  
 Type of trap (e.g. Elliot type B cage) Elliot 'A' Dimensions of trap (length x breadth x width) \_\_\_\_\_  
 Number of traps 10 Intervals between traps 10m  
 Length of transect or grid dimensions 100m Bait used (e.g. meat type, peanut butter/oats) \_\_\_\_\_

## Location Details

Location description Residential site # 'A7'

AMG Zone

5b

Transect start or grid corner  
Easting (6 digits)

285584

Transect end or grid corner  
Easting (6 digits)

285960

Northing (7 digits)

6116743

Northing (7 digits)

6116688

Comments

Heavy rain during the night (25/11, 26/11)

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11		Ground	Nil Records		rain
26/11		" "	" "		"
27/11	6	"	Rallus fuscipes		"
28/11	10	"	A. stuartii	F.	clear night
2/12			Nil records		
3/12/03			Nil records		
4/12/03			"		
5/12/03	4	ground	A. stuartii		clear o'night

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

[illegible]

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

A8

## ELLIOTT / PITFALL / CAGE TRAPPING SURVEY PROFORMAS

## Survey Details

Name of surveyor

Tammy Masternut mlg  
Alison Hunt  
Renee Baker

Contact number

VINCENTIA 0011282



ERM

85848888

Date traps set

24-11-03

Date traps collected

25-11-03

Type of trap (e.g. Elliot type  
B cage)

Elliott 'A'

Dimensions of trap (length x  
breadth x width)

Number of traps

10

Intervals between traps

10m

Length of transect or grid  
dimensions

100m

Bait used (e.g. meat type,  
peanut butter/oats)

PB/O/H

## Location Details

Location description

Northern corner of site : 'A8'

AMG Zone

56

Transect start or grid corner  
Easting (6 digits)

(2)

286157

Transect end or grid corner  
Easting (6 digits)

285996

Northing (7 digits)

6117123

Northing (7 digits)

6117225

Comments

25/11 Heavy rain during night & previous  
day + night

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11/03					Heavy rain
27-11-03			A. stuartii	M	
26-11-03					Heavy rain.
2/12/03	A8		Antechinus stuartii		- Entered in A2/c2 she
* 3/12/03	A9	Ground	Cercartetus nanus		(Pygmy possum)
4/12/03	A7		A. stuartii		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted



B1

## Survey Details

Name of surveyor

Alison Hunt Renae Baker  
Meg Lorang  
Tammy Haslehurst

Contact number

VINCENTIA 0011282



85848888

Date traps set

24-11-03

Date traps collected

25-11-03

Type of trap (e.g. Elliot type  
B cage)

B Elliot (trees)

Dimensions of trap (length x  
breadth x width)

Number of traps

8

Intervals between traps

20m

Length of transect or grid  
dimensions

~160m

Bait used (e.g. meat type,  
peanut butter/oats)

## Location Details

Location description

Heavy rain, cold (25/11)  
Residential site: 'B1'

AMG Zone

Transect start or grid corner  
Easting (6 digits)

286019

Transect end or grid corner  
Easting (6 digits)

286109

Northing (7 digits)

6116406

Northing (7 digits)

6116244

Comments

Heavy rain during the night (25/11, 26/11)

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11		Tree	Nil Records		rain
26/11		" "	" "		"
27/11		"	" "		"
28/11	4	Tree	Sugar glider Petaurus brevicaeps		clear night
2/12			Nil records		Heavy rain O/N
3/12	B8	Tree	Sugar glider Petaurus brevicaeps?		Juvenile - hairs taken for ID
4/12			Nil records		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted



B2

Survey Details

Name of surveyor

Tammy Hodelquist May  
Arian Hunt Leray  
Ronae Baker

VINCENTIA 0011282



ERM

Date traps set

24-11-03

Date traps collected

25-11-03

Type of trap (e.g. Elliot type B cage)

Elliot B'

Dimensions of trap (length x breadth x width)

Number of traps

8

Intervals between traps

c. 20m

Length of transect or grid dimensions

c. 160m

Bait used (e.g. meat type, peanut butter/oats)

PB/o/h

Location Details

Location description

Western corner of site - crosses  
creekline, 'B2'

AMG Zone

36

Transect start or grid corner  
Easting (6 digits)

285665

Transect end or grid corner  
Easting (6 digits)

285527

Northing (7 digits)

6116535

Northing (7 digits)

6116798

Comments

25/11 Heavy rain overnight + prev. day +  
night - all empty

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03			—		Heavy rain, all empty
26-11-03			—		"
2/12/03			Nil records		
3/12/03			Nil records		
4/12/03			Nil records		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted





B3

Survey DetailsJemma / Nicole / Renae / Alison  
Meg Loring

VINCENTIA 0011282



Name of surveyor

Tammy Haleshurst

Contact number

8584 8888

Date traps set

24-11-03

Date traps collected

25-11-03

Type of trap (e.g. Elliot type  
B cage)

Elliot B

Dimensions of trap (length x  
breadth x width)

Number of traps

8

Intervals between traps

10m

Length of transect or grid  
dimensions

~80m

Bait used (e.g. meat type,  
peanut butter/oats)Location Details

Location description

Residential site: 'B3' centre  
of residential.

AMG Zone

Transect start or grid corner  
Easting (6 digits)

285891

Transect end or grid corner  
Easting (6 digits)

285992

Northing (7 digits)

6116789

Northing (7 digits)

6116690

Comments

Heavy rain (25/11), Light rain - heavy rain  
overnight (26/11)

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11		Tree	Nil Records		
26/11		" "	" "		
27/11		"	" "		
28/11		"	" "		
2/12			Nil records		
3/12/03			Nil records		
4.12.03			Glider		(Same as one that was hair sampled)

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

[illegible]

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

B4

## ELLIOTT / PITFALL / CAGE TRAPPING SURVEY PROFORMAS

## Survey Details

Name of surveyor

Tarry Hasteherst  
Renee BakerMeg  
Loring

VINCENTIA 0011282



Date traps set

24-11-03

Date traps collected

25-11-03

Type of trap (e.g. Elliot type B cage)

Elliot 'B'

Dimensions of trap (length x breadth x width)

Number of traps

9

Intervals between traps

c. 20m

Length of transect or grid dimensions

c. 180m

Bait used (e.g. meat type, peanut butter/oats)

PB / O / M

## Location Details

Location description

Northern corner of site 'B4'

AMG Zone

56

Transect start or grid corner

Easting (6 digits) ①

286176

Transect end or grid corner

Easting (6 digits)

286066

Northing (7 digits)

Northing (7 digits)

6117156

Comments

25/11 Heavy rain overnight &amp; prev. day + night

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11/03			—		
26-11-03			—		
2/12/03	48		Nil records		
3/12/03			Nil records		
4.12.03	B4		Sugar glider		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

⑤



Survey Details

Name of surveyor

Renae Baker

VINCENTIA 0011282



Name of surveyor

Alison Hunt

Contact number

85848888

Date traps set

24-11-03

Date traps collected

Type of trap (e.g. Elliot type B cage)

cage

Dimensions of trap (length x breadth x width)

Number of traps

10

Intervals between traps

10m

Length of transect or grid dimensions

100m

Bait used (e.g. meat type, peanut butter/oats)

PB/o/u

Location Details

Location description

Commercial Site, NE corner, perpendicular to the Wood Rd, along track edges : 'C1'

AMG Zone

5b

Transect start or grid corner

Easting (6 digits)

286820

Transect end or grid corner

Easting (6 digits)

286854

North (7 digits)

6115998

North (7 digits)

6115956

Comments

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03	2	ground	R. fuscipes	Y/K	Heavy rain overnight
25-11-03	7	ground	R. fuscipes	Y/K	"
25-11-03	8	ground	R. fuscipes	Y/K	"
26-11-03	3	"	"	Y/K	"
"	10	"	"	Y/K	"
27-11-03	5	"	"	"	"
"	9	"	"	"	"
"	10	"	"	"	"
28-11-03	2	"	R. fuscipes	"	Clear night
	4	"	Rattus lutreolus	"	"
	6	"	R. fuscipes	"	"

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
2/12/03	C4		Rattus fuscipes		
"	C5		" "		
"	C6		" "		
"	A8		" "		
"	A10		" "		
3/12/03	C2		R. fuscipes		
	C7		R. fuscipes		
	C4		R. fuscipes		
4.12.03	C1		Swamp rat		
	C4		R. fuscipes		
	C6		R. fuscipes		
	C7		"		
	C9		Long nosed bandicoot		
5.12.03	C2	ground	R. fuscipes	U/K	
	C3	"	"	"	
	C4	"	"	"	
	C5	"	"	"	
	C6	"	"	"	
	C7	"	"	"	

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

Survey Details

VINCENTIA 0011282



Name of surveyor AH + TH Contact number 8554 8888

Date traps set 24-11-03 Date traps collected \_\_\_\_\_

Type of trap (e.g. Elliot type B cage) Cage Dimensions of trap (length x breadth x width) \_\_\_\_\_

Number of traps 10 Intervals between traps 10m

Length of transect or grid dimensions ~100m Bait used (e.g. meat type, peanut butter/oats) P/O/H.

Location Details

Location description Transect C2 Commercial Site

AMG Zone 56

Transect start or grid corner Easting (6 digits) 285542 Transect end or grid corner Eastings (6 digits) 286509

Northing (7 digits) 6115889 Northing (7 digits) 6115788

Comments Intermittent rain.

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
27-11-03	C3		R. fuscipes		
	C7		" "		
2-12	C6		R. fuscipes		
	C7		" "		
	C8		" "		
3-12	C3		R. fuscipes		
	C6		" "		
5-12	C6		R. fuscipes		
	C8		" "		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted





Survey Details

VINCENTIA 0011282



Name of surveyor

Renee Baker  
Mison Hunt

Contact number

8584 8888

Date traps set

24-11-03

Date traps collected

Type of trap (e.g. Elliot type B cage)

cage

Dimensions of trap (length x breadth x width)

Number of traps

10

Intervals between traps

10m

Length of transect or grid dimensions

100m

Bait used (e.g. meat type, peanut butter/oats)

PB/o/nLocation Details

Location description

Residential site 20m east of Moona CreekRoad : 'C3'

AMG Zone

Sb

Transect start or grid corner Easting (6 digits)

286527

Transect end or grid corner Eastings (6 digits)

286468

Northing (7 digits)

6116579

Northing (7 digits)

6116489

Comments

Intermittent rain overnight. ~~see~~ Few days  
of heavy rain.

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03			—		Heavy rain overnight + prev.
26-11-03			—		"
27-11-03			Nil records		
28-11-03			Nil records		
2/12/03			Nil records		
3/12/03			Nil records		
4.12.03			Nil records		Sunny
5.12.03			Nil records		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

[illegible]

## Survey Details

VINCENTIA 0011282

Name of surveyor Mag + Tammy Lorang Hastenurst Contact number \_\_\_\_\_Date traps set 24-11-03 Date traps collected 25-11-03Type of trap (e.g. Elliot type B cage) Cage Traps Dimensions of trap (length x breadth x width) \_\_\_\_\_Number of traps 11 Intervals between traps 10mLength of transect or grid dimensions 110m

Bait used (e.g. meat type, peanut butter/oats) \_\_\_\_\_

## Location Details

Location description ~~Residential site - Easement~~ Transect 'C4'AMG Zone 56Transect start or grid corner Easting (6 digits) 285740Transect end or grid corner Eastings (6 digits) 286051Northing (7 digits) 6116405Northing (7 digits) 6116188Comments Heavy rain (25/11)

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25/11	#11	ground	Long-nosed Bandicoot (Peromyscus nasuta)		rain ✓
26/11	—	ground	Nil records		" ✓
27/11	6	"	Rattus fuscipes		" ✓
28/11	—	ground	Nil records		clear night - evidence of bandicoot traps near ✓
2/12/03	C5	Ground	Long-nosed bandicoot (P. nasuta)		✓
2/12/03	C3		Brown Rattus fuscipes		✓
3/12/03	C9	Ground	Trichosurus vulpecular		✓
" "	C6	Ground	Rattus fuscipes		✓

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted



Survey Details

Name of surveyor

Tammy Haselquist  
Renée Baker  
Alison KentMeg  
Loring

VINCENTIA 0011282



Date traps set

24-11-03

Contact number

85848888

Type of trap (e.g. Elliot type  
B cage)

Cage

Dimensions of trap (length x  
breadth x width)

Number of traps

11

Intervals between traps

10m

Length of transect or grid  
dimensions

110m

Bait used (e.g. meat type,  
peanut butter/oats)

PB/O/H

Location Details

Location description

Parallel to western creekline: 'C5'

AMG Zone

5b

Transect start or grid corner  
Easting (6 digits)

285663

Transect end or grid corner  
Easting (6 digits)

285566

Northing (7 digits)

6116843

Northing (7 digits)

6116730

Comments

25/11 Heavy rain overnight + prev. day/night.

Date trap checked	Trap No*	Trap position**	Species name	Sex	Comments
25-11-03			—		Heavy rain, all empty
26-11-03			—		— " "
2/12/03			Nil Records		
3/12/03			Nil records		
4.12.03			Nil records		

\* Trap number should correspond to map outlining location of traps

\*\*For example ground or tree mounted

100

\*\*For example ground or tree mounted

# **VEGETATION QUADRATS**





# Vegetation Survey

Job No.: 0012594

Date: 25-11-03 Recorders: WI + BH Site No: Q1

Film No:      Photo No:     

General Location: NE corner of Residential Site

Quadrat Size (if not 20 x 20):     

Map Name: Hushisson Scale:     

AMG Ref:      E      N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

Crest Upper-Slope Mid-Slope Lower-Slope Flat Open-depression

Altitude:      metres

Slope: 0-5° degrees

Aspect: 320° degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: Waterlogged Damp Moist Well drained

Texture: Clay

Colour: Grey

Depth: Deep (>1m) Shallow (0.3m) Skeletal (<0.3m)

Fire History (How determined):     

Other Disturbances: (Circle)

Clearing Logging Grazing Erosion Feral animals

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20-25m	2	E. sclerophylla
Understorey (1)	1-10m	15	Corymbia gummitera, E. sclerophylla
Understorey (2)	0-1m	45	Lambertia formosa, Banksia spinulosa, Persoonia laevis
Ground Layer	0-1	80	Anisopogon anaxaeus, Ptilothrix deusta

Structural Formation Class:     

Comments: leaf litter = 40%, rocks = 0%, logs = 5%

Hollow-bearing trees = 0  
Large burnt logs/stumps

No.	Species	C/A	Data	No.	Species	C/A	Data
1	Lambertia formosa	3		31	Hovea linearis	1	
2	Banksia spanulosa	3		32	Huonanthus vernonii	1	
3	Rimalea linifolia	2		33	Singubana seedling	1	
4	Entolasia stricta	3		34	Haemaphysalis corymbosum	1	
5	Acacia multifolia	2		35	Lindaea linearis	1	
6	Platysace linearifolia	2		36	Dampiera stricta	1	
7	Mitrella rubrifolia	2		37	Camphyllobium ponatum	1	
8	Leptospermum laevigatum	3		38	Camphyllobium grandiflorum	1	
9	Anisodermis aversa	4		39	Ephedra paludosa	1	
10	Allocasuarina littoralis	2		40	Hibbertia riparia	1	
11	Lomandra multiflora ssp multiflora	3		41	Goodenia paniculata	1	
12	Hibbertia exserta	2		42	Caesia paniculata var paniculata	1	
13	Petrochile pulchella	2		43	Scorobolus glaucatus	1	
14	Goodenia billidiflora	3		44	Dichopogon fimbriatus	1	
15	Hakea dactyloides	2		45	Rutecarpus retusa	1	
16	Phoradendron debile	4		46			
17	Boronia pinnata	2		47			
18	Leptospermum plumosifolium	3		48			
19	Conimbia communifolia	2		49			
20	Lomatium obliquum	2		50			
21	Xanthosia tridentata	1		51			
22	Gonocarpus tetragynoides	1		52			
23	Acacia imitator	1		53			
24	Lomatium ilicifolia	2		54			
25	Persoonia levis	2		55			
26	Thamnia australis	3		56			
27	Palaeozamia sericea	2		57			
28	Opercularia	1		58			
29	Leptolobium formosum ssp formosum	2		59			
30	Stylidium armerifolium	2		60			

## Cover Abundance Scale

1= cover less than 1%

2= cover 1-5%

3= cover of 6-25%

4= cover of 26-50%

5= cover of 51-75%

6= cover of 76-100%

## Cover Abundance Scale

to be marked when entered into computer data base

C/A:

Data:

# Vegetation Survey

Job No.: 0012594

Date: 26-11-03 Recorders: WI + BH Site No: Q2

Film No:      Photo No:     

General Location: NW corner residential site near Nasir College Rd.

Quadrat Size (if not 20 x 20):     

Map Name:      Scale:     

AMG Ref: 0285479 E 6116723 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

*Crest*      *Upper-Slope*      *Mid-Slope*      *Lower-Slope*      *Flat*      *Open-depression*

Altitude:      metres

Slope: 0-5° degrees

Aspect: 66° degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: *Waterlogged*      *Damp*      *Moist*      *Well drained*

Texture:     

Colour:     

Depth: *Deep (>1m)*      *Shallow (0.3m)*      *Skeletal (<0.3m)*

Fire History (How determined):     

Other Disturbances: (Circle)

*Clearing*      *Logging*      *Grazing*      *Erosion*      *Feral animals*

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	8-12m	5	<i>E. sclerophylla</i>
Understorey (1)	1-2	25	<i>E. sclerophylla</i>
Understorey (2)	0-1	10-15	<i>Lambertia formicosa</i> , <i>Banksia oblongifolia</i> , <i>Banksia spinulosa</i>
Ground layer	0-1	40	<i>Aneides araneus</i> , <i>Phyllanthus debilis</i> , <i>Lepidosia scabra</i>

Structural Formation Class:     

Comments: leaf litter = 5%, Logs = 1%, Bare ground = 50%, Rocks = 0%  
Hollow-bearing trees = 1%

No.	Species	C/A	Data	No.	Species	C/A	Data
1	Leptospermum trinervium	3		31	Kunzea capitata	2	
2	Banksia oblongifolia	2		32	Allocasuarina intercedens	1	
3	Leurodia sebaeana	2		33	Cyathochaeta diandra	2	
4	Mitelia rubrifolia	1		34	Climacophyllum grandiflorum	2	
5	Pectinatus minor	1		35	Mitrasacme polyantha	1	
6	Hexas dehumosus	2		36	Cassipoua alabellus	1	
7	Isopogon anemoneifolius	2		37	Persea laevis	2	
8	Platanus densata	2		38	Hibbertia riparia	2	
9	Xanthosia tridentata	1		39	Xanthosia eschineria	2	
10	Paranthera encicifolia	1		40	Ec. oblonga	2	
11	Epacris microphylla	1		41	Lepidosperma neesii	1	
12	Lomandra cylindrica	2		42	Gomphocarpus tetraspermus	1	
13	Lomandra micrantha ssp. tuberculata	1		43	Petersonia sericea	2	
14	Lambertia formosa	3		44	Phoradendron sessilis	2	
15	Halea teretifolia	1		45	Dicranopogon filiformis	1	
16	Lomandra obliqua	2		46	Lomatium unifolium	1	
17	Lutensia reticulata	1		47	Goodenia paniculata	1	
18	Strandium adnigrifolium	2		48	Entolasia macrantha	1	
19	Lomandra filiformis subsp. filiformis	2		49	Borreria pinnatifida	1	
20	Strophelia triflora	1		50			
21	Hibbertia riparia	2		51			
22	Selaquella uliginosa	2		52			
23	Platanus linearifolia	2		53			
24	Dampiera stricta	2		54			
25	Lindia linearis	2		55			
26	Schizaea disticha	1		56			
27	Pinetia linearifolia	2		57			
28	Acacia swainsonii	2		58			
29	Borreria bartramiana	1		59			
30	Leptospermum juniperinum	2		60			

## Cover Abundance Scale

1= cover less than 1%

2= cover 1-5%

3= cover of 6-25%

4= cover of 26-50%

5= cover of 51-75%

6= cover of 76-100%

## Cover Abundance Scale

to be marked when entered into computer data base

# Vegetation Survey

Job No.: 0012594

Date: 26-11-03 Recorders: WI + BH Site No: Q3

Fuji 1  
Film No: 17 Photo No: \_\_\_\_\_

General Location: \_\_\_\_\_

Quadrat Size (if not 20 x 20): \_\_\_\_\_

Map Name: Huskisson Scale: \_\_\_\_\_

AMG Ref: 0285559 E 6116968 N

Lat: \_\_\_\_\_ 'S Long: \_\_\_\_\_ 'E

Landform Pattern: \_\_\_\_\_

Physiography: (Circle)

Crest Upper-Slope Mid-Slope Lower-Slope Flat Open-depression

Altitude: \_\_\_\_\_ metres

Slope: \_\_\_\_\_ degrees

Aspect: \_\_\_\_\_ degrees (magnetic)

Map Geology: \_\_\_\_\_ Lithology: \_\_\_\_\_

Soil: (Circle) very

Drainage: Waterlogged Damp Moist Well drained

Texture: \_\_\_\_\_

Colour: \_\_\_\_\_

Depth: Deep (>1m) Shallow (0.3m) Skeletal (<0.3m)

Fire History (How determined): \_\_\_\_\_

Other Disturbances: (Circle)

Clearing Logging Grazing Erosion Feral animals

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	22-25	40%	<i>E. sclerophylla</i> , <i>Corymbia gummitera</i>
Understorey (1)	8-2	5%	<i>C. gummitera</i>
Understorey (2)	1-4	2%	<i>C. gummitera</i> , <i>Persoonia levis</i>
Understorey (3)	0-1	35%	<i>Banksia spinulosa</i> , <i>Halesia dactylodora</i>
Ground Layer	<1	80%	<i>Thamnia australis</i> , <i>Lepidodactylus</i> <i>Anisopogon</i> , <i>Arenaria</i>

Structural Formation Class: \_\_\_\_\_

Comments: Leaf litter = 5% Bare ground = 1% Logs = 2% Rocks = 0  
Hollow-bearing trees present = *E. sclerophylla*

# FLORISTIC COMPOSITION

Job No. 0012594

Site No. Q3

Date: 26-11-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	E. sclerophylla			31	Strobilium granitolum	2	
2	Convolvulus dumifera	4		32	Ertobesia stricta	2	
3	Bakkeia spinulosa	3		33	Leptospermum elegans	2	
4	Perezonia levis	4		34	Oreocaulis diphylla	1	
5	Hakea dactyloides	3		35	Patersonia ericifolia	2	
6	Thamnia australis	3		36	Conocarpus tenax	1	
7	Phyllocladus distans	3		37	Lomandra sp.	2	
8	Lambertia formosa	3		38	Empodisma minus	3	
9	Anisopogon anacardus	3		39	Phyllocladus distans	2	
10	Lindsea linearis	2		40	Conocarpus sp.	1	
11	Isopogon anethifolius	2		41	Microseris stipitata	2	
12	Lomandra ilicifolia	2		42	Sesuvium portulacastrum	2	
13	Hibbertia aspera	1		43	Ruellia rosea	2	
14	Platyacis linearifolia	2		44	Stipa nodosa	2	
15	Epacris pulchella	2		45	Phyllocladus distans	1	
16	Lomandra obliqua	2		46	Deurynia quadrifida	1	
17	Leprodia scariosa	3		47	Lomandra linearifolia	1	
18	Kunzea capitata	3		48	Stipa pubescens	1	
19	Kinlossia linearifolia	2		49			
20	Leptocarpus sessilis	2		50			
21	Cryptanthus subulata	1		51			
22	Arctostaphylos linearifolia	1		52			
23	Xanthosia tridentata	1		53			
24	Allocasuarina littoralis	1		54			
25	Conocarpus pinnatus	1		55			
26	Lomandra multiflora	2		56			
27	Dampiera stricta	2		57			
28	Hibbertia ripens	2		58			
29	Hibbertia ripens	2		59			
30	Dillwynia ramosissima	2		60			

## Cover Abundance Scale

- 1= cover less than 1%
- 2= cover 1-5%
- 3= cover of 6-25%
- 4= cover of 26-50%
- 5= cover of 51-75%
- 6= cover of 76-100%

## Cover Abundance Scale

to be marked when entered into computer data base

# Vegetation Survey

Job No.: 002594

Date: 27-11-03 Recorders: WI + BH Site No: 04

Film No: 1 Photo No: 18

General Location: Just south of A7 on ridgetop

Quadrat Size (if not 20 x 20): \_\_\_\_\_

Map Name: Huskisson Scale: \_\_\_\_\_

AMG Ref: 285889 E 6116713 N

Lat: \_\_\_\_\_ 'S Long: \_\_\_\_\_ 'E

Landform Pattern: \_\_\_\_\_

Physiography: (Circle)

Crest Upper-Slope Mid-Slope Lower-Slope Flat Open-depression

Altitude: \_\_\_\_\_ metres

Slope: \_\_\_\_\_ degrees

Aspect: \_\_\_\_\_ degrees (magnetic)

Map Geology: \_\_\_\_\_ Lithology: \_\_\_\_\_

Soil: (Circle)

Drainage: Waterlogged Damp Moist Well drained

Texture: \_\_\_\_\_

Colour: \_\_\_\_\_

Depth: Deep (>1m) Shallow (0.3m) Skeletal (<0.3m)

Fire History (How determined): \_\_\_\_\_

Other Disturbances: (Circle)

Clearing Logging Grazing Erosion Feral animals

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20-25	25%	Corymbia aemulifera, E. globoides, E. dactylophylla
Understorey (1)	0-1	5%	Banksia spinulosa
Ground layer			Dampiera stricta, Lomandra filiformis ssp. filiformis
			Entolasia stricta

Structural Formation Class: \_\_\_\_\_

Comments: Leaf litter = 50%, Bare ground = 5%, Logs = 2% Rocks = 0  
Hollow-bearing trees present = Bloodwood 25m high,  
hollow 15m wide, 1m deep.

FLORISTIC COMPOSITION

Job No.: 0012594

Site No: 04

Date: 27-11-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	Eucalyptus sclerophylla	1		31	Aristida vagans	1	
2	Conyulbia acuminifera	3		32	Microseris stipoides	2	
3	E. Calceolaria	2		33	Polygonia sericea	2	
4	Banksia spinulosa	2		34	Lindsea linearis	2	
5	Dampiera stricta	2		35	Dianella caerulea var producta	2	
6	Lomandra filiformis ssp. filiformis	2		36	Platichix deweyi	1	
7	Lomandra bracteata	2		37	Desmodium shyridophyllum	1	
8	Syntherisma alternifera	1		38	Groenlandia pumila	2	
9	Entolasia stricta	3		39	Acacia multifolia	1	
10	Myrica acuminata	2		40	Panicum simile	1	
11	Banksia parviflora	2		41	Platysace linearifolia	1	
12	Xanthosia tridentata	2		42	Lomandra obliqua	1	
13	Pteridium esculentum	2		43	Smilax glaucophylla	1	
14	Pultenaea rosmaniiifolia	1		44	Lomandra glauca ssp. glauca	1	
15	Allocasuarina littoralis	2		45	Caesia pubiflora var. pubiflora	1	
16	Oreocaulis aspera	2		46	Glucine clandestina	1	
17	Billardiera scandens	1		47	Lomandra multiflora	1	
18	Leptospermum polygalifolium	1		48			
19	Gonocarpus tetradactylus	2		49			
20	Phyllanthus hirtellus	2		50			
21	Acacia longifolia	1		51			
22	Hypoxis hibernica	2		52			
23	Arctostaphylos uva-ursi	2		53			
24	Tremula australis	2		54			
25	Lepidosperma laterale	2		55			
26	Phaederanthemum variabile	2		56			
27	Dampiera stricta	2		57			
28	Viola hederacea	2		58			
29	Pimelea linifolia	2		59			
30	Pultenaea robusta	2		60			

Cover Abundance Scale

- 1= cover less than 1%
- 2= cover 1-5%
- 3= cover of 6-25%
- 4= cover of 26-50%
- 5= cover of 51-75%
- 6= cover of 76-100%

Cover Abundance Scale

to be marked when entered into computer data base

C/A:

Data:



# Vegetation Survey

Job No.: 0012594

Date: 28-11-03 Recorders: WF + BH Site No: Q5

Film No:      Photo No:     

General Location: At the start of transect B1

Quadrat Size (if not 20 x 20):     

wp 33 APS1

Map Name: Hushisson Scale:     

AMG Ref: 086111 E 6116225 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

*Crest*      *Upper-Slope*      *Mid-Slope*      *Lower-Slope*      *Flat*      *Open-depression*

Altitude:      metres

Slope:      degrees

Aspect:      degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: *Waterlogged*      *Damp*      *Moist*      *Well drained*

Texture:     

Colour:     

Depth: *Deep (>1m)*      *Shallow (0.3m)*      *Skeletal (<0.3m)*

Fire History (How determined):     

Other Disturbances: (Circle)

*Clearing*      *Logging*      *Grazing*      *Erosion*      *Feral animals*

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20-22	20%	<i>E. sclerophylla</i> , <i>E. globoides</i> , <i>C. gummifera</i>
Understorey (1)	10-15	30%	<i>Allocasuarina littoralis</i> , <i>E. globoides</i>
Understorey (2)	0.3-1.5	5%	<i>Banksia spinulosa</i> , <i>Lambertia formosa</i>
Ground Layer	< 1	70%	<i>Entolasia stricta</i> , <i>Xyris operculata</i> , <i>Anisopogon nanaceus</i>

Structural Formation Class:     

Comments: Leaf litter = 10% Rock = 0% Logs = 5% Bare ground = 2%  
Hollow-bearing tree - E. sclerophylla 3 hollows  
chewed cores.

# FLORISTIC COMPOSITION

Job No.: 002594 Site No: 05 Date: 28-11-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	E. sclerophylla	2		31	Opuntia sp	2	
2	E. globoides	3		32	Leptospermum fraxinum	1	
3	Alloeburnia littoralis	3		33	Hibbertia aspera	1	
4	Ectolasia stricta	4		34	Notolaea sp	1	
5	Banksia spinulosa	2		35	Lomandra filiformis ssp. filiformis	1	
6	Lambertia formosa	2		36	Acacia multifolia	1	
7	Xiris operculata	3		37	Muellanthus sp	1	
8	Xanthoxia tridentata	2		38	Hardenbergia violacea	1	
9	Amisopogon amplexicaulis	2		39	E. resinifera ssp. resinifera	1	
10	Dombeya stricta	2		40			
11	Lepidobegonia laterale	2		41			
12	Hakea dactyloides	2		42			
13	Paederanthemum variabile	2		43			
14	Liriodendron lineare	2		44			
15	Conocarpus tenebrosus	2		45			
16	Hypoxis grammata	1		46			
17	Dialla caryocarpus	2		47			
18	Pinetia linitolia	2		48			
19	Gordonia bellidifolia	2		49			
20	Katusace linearifolia	2		50			
21	Pentstemon similis	2		51			
22	Themeda australis	1		52			
23	Viola hederacea	1		53			
24	Lepidosperma concanum	3		54			
25	Puterana osmantha	2		55			
26	Lomandra multiflora	1		56			
27	Glendium osculentum	1		57			
28	Petermannia sericea	2		58			
29	Stylidium graminifolium	7		59			
30	Arctostaphylos	1		60			

## Cover Abundance Scale

- 1= cover less than 1%
- 2= cover 1-5%
- 3= cover of 6-25%
- 4= cover of 26-50%
- 5= cover of 51-75%
- 6= cover of 76-100%

C/A: Cover Abundance Scale  
Data: to be marked when entered into computer data base

# Vegetation Survey

Job No.: 0012594

Date: 28-11-03 Recorders: WF + BH Site No: Q6

Film No:      Photo No:     

General Location: Along transect B1

Quadrat Size (if not 20 x 20):     

Map Name: Huskisson WP 34 Scale:     

AMG Ref: 286058 E 6116378 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

Crest Upper-Slope Mid-Slope Lower-Slope Flat Open-depression

Altitude:      metres

Slope: 50° degrees

Aspect: 330° degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: Waterlogged Damp Moist Well drained

Texture: latente around trees, dark loam soil

Colour:     

Depth: Deep (>1m) Shallow (0.3m) Skeletal (<0.3m)

Fire History (How determined):     

Other Disturbances: (Circle)

Clearing Logging Grazing Erosion Feral animals

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20-25	25	C. maculata, E. globoidea
Understorey (1)	10-12	5	Allocasuarina, Pittorialis
Ground Layer	< 1	75	Lomandra longifolia, Lepidosperma blanda
			Lepidosperma concanum

Structural Formation Class:     

Comments: leaf litter = 55%, Logs = 4%, Rocks = 0, Bare = 5%

28-11-03

Q6

Site No:

Job No.: 002594

## FLORISTIC COMPOSITION

No.	Species	C/A	Data	No.	Species	C/A	Data
1	Cornubia maculata	3		31	Hales sp	1	
2	Ecstolopis obovata	2		32	Lomandra multiflora	1	
3	Allocasuarina littoralis	2		33			
4	Lomandra longifolia	3		34			
5	Lepidosperma ulabale	2		35			
6	Lepidosperma concinnum	2		36			
7	Gonocarpus tetracoides	2		37			
8	Hypoxis kwanaumetia	2		38			
9	Pseudanthemum variabile	2		39			
10	Xanthosia tridentata	2		40			
11	Imperata cylindrica	2		41			
12	Phyllanthus sp.	2		42			
13	Gonolobus balidifolia	2		43			
14	Hibbertia aspera	2		44			
15	Opercularia bipinnula	1		45			
16	Pimelea linitolia	1		46			
17	Entolasia stricta	3		47			
18	Thermopsis australis	1		48			
19	Gonolobus heterophylla	2		49			
20	Hardenbergia violacea	1		50			
21	Lomandra filiformis	1		51			
22	Billardiera scandens	1		52			
23	Anisopappus avonaeus	2		53			
24	Petersenia sericea	2		54			
25	Guzmania sp.	2		55			
26	Poa sp.	2		56			
27	Stylidium graminifolium	1		57			
28	Dianella caerulea var caerulea	2		58			
29	Lomandra obliqua	1		59			
30	Microseris stipoides	1		60			

## Cover Abundance Scale

- 1= cover less than 1%  
 2= cover 1-5%  
 3= cover of 6-25%  
 4= cover of 26-50%  
 5= cover of 51-75%  
 6= cover of 76-100%

## Cover Abundance Scale

C/A: to be marked when entered into computer data base

# Vegetation Survey

Job No.: 0012594

Date: 1-12-03 Recorders: WI + BH Site No: Q7

Film No:      Photo No:     

General Location: Open woodland - residential site Moona ch Rd

Quadrat Size (if not 20 x 20):     

Map Name: Huswisson Scale:     

AMG Ref:      E      N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

Crest      Upper-Slope      Mid-Slope      Lower-Slope      Flat      Open-depression

Altitude:      metres

Slope:      degrees

Aspect:      degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage:      Waterlogged      Damp      Moist      Well drained

Texture:     

Colour:     

Depth:      Deep (>1m)      Shallow (0.3m)      Skeletal (<0.3m)

Fire History (How determined):     

Other Disturbances: (Circle)

Clearing      Logging      Grazing      Erosion      Feral animals

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	15-20	8	<i>E. sclerophylla</i>
Understorey (1)	2-8	5	<i>Allocasuarina littoralis</i> , <i>Leptospermum</i> , <i>tinerv</i>
			<i>E. sclerophylla</i>
Understorey (2)	<1	5	<i>Lambertia formosa</i> , <i>Lept. tinerv.</i> , <i>Boldongia folia</i>
Ground layer			<i>Anisopogon ananaceus</i> , <i>Anisopogon (morch)</i>
			<i>Leptrodia</i> sp.

Structural Formation Class:     

Comments: Logs = 5%, Rocks = 0%, Bare ground = 10%, Leaf litter = 2%  
Tree hollows = present

FLORISTIC COMPOSITION

Job No.: 0012594

Site No:

Date: 1-12-03

07

No.	Species	C/A	Data	No.	Species	C/A	Data
1	E. sclerophylla	2		31	Buchardia umbellata	2	
2	Leptocarpum trinervium	3		32	Caesia parviflora var. parviflora	2	
3	Halea corymboides	2		33	Xanthosia tridentata	1	
4	Lambertia filiformis	2		34	Lindeea linearis	1	
5	Allocasuarina littoralis	2		35	Pteronia levis	1	
6	Carissa oblongifolia	2		36	Mitrasacme polymorpha	2	
7	Anisopappus australis	3		37	Platycodon grandiflorus	1	
8	Lepuridium	3		38	Actinotus albus	1	
9	Xyris operculata	3		39	Syntherisma bitida	1	
10	Polanthes ericoides	2		40	Drosera sp.	1	
11	Haemodorum corymbosum	2		41	Epilobium concavum	1	
12	Erica sp.	2		42	Sprengelia incarnata	1	
13	Philothrix densa	2		43	Ochnodes sp.	1	
14	Dampiera stricta	2		44			
15	Ruttenapa ridgwayi	1		45			
16	Epacris microphylla sp. microphylla	1		46			
17	Leucopogon microphyllus	2		47			
18	Styphelia sp.	2		48			
19	Emphrasia minus	2		49			
20	Isopogon anemonifolius	2		50			
21	Entolasia stricta	2		51			
22	Lomandra sp.	2		52			
23	Pteronia sericea	2		53			
24	Goodenia billardifolia	1		54			
25	Lomandra obliqua	2		55			
26	Pimeles linifolia	2		56			
27	Lomaphobium sp.	1		57			
28	Statidium graminifolium	1		58			
29	Cassipourea sp.	2		59			
30	Baeckia sp.	2		60			

Cover Abundance Scale

- 1= cover less than 1%  
 2= cover 1-5%  
 3= cover of 6-25%  
 4= cover of 26-50%  
 5= cover of 51-75%  
 6= cover of 76-100%

Cover Abundance Scale

to be marked when entered into computer data base

C/A:

Date:

# Vegetation Survey

Job No.: 0012594

Date: 1-12-03 Recorders: WI + BH Site No: Q8

Film No:      Photo No:     

General Location: Residential site, E of Moana Cr Rd.

Quadrat Size (if not 20 x 20):     

Map Name: Huskisson WP 12 Scale:     

AMG Ref:      E      N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

Crest      Upper-Slope      Mid-Slope      Lower-Slope      Flat      Open-depression

Altitude:      metres

Slope:      degrees

Aspect:      degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage:      Waterlogged      Damp      Moist      Well drained

Texture:     

Colour:     

Depth:      Deep (>1m)      Shallow (0.3m)      Skeletal (<0.3m)

Fire History (How determined):     

Other Disturbances: (Circle)

Clearing      Logging      Grazing      Erosion      Feral animals

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20-25	20	E. sclerophylla, Red Bloodwood
Understorey (1)	6-10	2	Red bloodwood, Allocasuarina littoralis
Understorey (2)	0.5- 2	30	Lambertia formosa, Banksia spinulosa,
			Acacia longifolia
Ground Layer	< 1	70	Entolasia stricta, Lepydia Anisopogon
			arenaceus, Empodisma minus

Structural Formation Class:     

Comments: Leaf litter = 40% Logs = 5% Rocks = 0% Bare  
Ground = 1% Tree hollows (present) - E. sclerophylla  
Some areas with dense shrub layer

FLORISTIC COMPOSITION

Job No.: 002594

Site No: Q8

Date: 1-12-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	E. sclerophylla	3		31	Opercularia sp.	1	
2	Lambertia formosa	2		32	Bauera rubioides	2	
3	Banksia spinulosa	3		33	Poa sp.	1	
4	Personia levis	2		34	Leptospermum tinianum	2	
5	Corumbia gummitera	1		35	Acacia suaveolens	1	
6	Banksia ericifolia	1		36	Lomandra obliqua	1	
7	Acacia longifolia	2		37	Dianella caerulea var. caerulea	1	
8	Entolasia stricta	4		38	Themeda australis	1	
9	Lepyrodia sp.	4		39	Personia sericea	1	
10	Anisopogon nanacemus	3		40	Xanthoxia tridentata	1	
11	Empodisma minus	4		41	Lomandra filiformis ssp. filiformis	2	
12	Mitelia oblifolia	2		42	Platysace linearifolia	1	
13	Buchardia umbellata	2		43	Styphelia sp.	1	
14	Lindsea linearis	2		44	Gahnia sp.	1	
15	Haemodorum corymbosum	2		45	Deuxia quadrisetosa	1	
16	Caesethia sp.	1		46			
17	Allocasuarina littoralis	2		47			
18	Caesia parviflora var. parviflora	2		48			
19	Lepidosperma concavum	2		49			
20	Leptospermum continentale	2		50			
21	Hakea dactyloides	2		51			
22	Pterostylis sp.	2		52			
23	Darwinia sp.	1		53			
24	Anisopogon (maroon)	2		54			
25	Pinetalea unifolia	2		55			
26	Dampiera stricta	2		56			
27	Acacia myrtilifolia	1		57			
28	Personia sp.	1		58			
29	Phyllanthus sp.	1		59			
30	Drosera sp.	1		60			

Cover Abundance Scale

C/A: to be marked when entered into computer data base

Cover Abundance Scale

- 1= cover less than 1%
- 2= cover 1-5%
- 3= cover of 6-25%
- 4= cover of 26-50%
- 5= cover of 51-75%
- 6= cover of 76-100%



# Vegetation Survey

Job No.: 0012594

Date: 3-12-03 Recorders: WI Site No: Q9

Film No:      Photo No:     

General Location: 200m in from easement left of Ridge Rd.

Quadrat Size (if not 20 x 20):     

Map Name: APS 2 WP 58 Hushisson

Scale:     

AMG Ref: 285752 E 6116664 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

*Crest* *Upper-Slope* *Mid-Slope* *Lower-Slope* *Flat* *Open-depression*

Altitude:      metres

Slope: <5° degrees

Aspect: NNW degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: *Waterlogged* *Damp* *Moist* *Well drained*

Texture:     

Colour:     

Depth: *Deep (>1m)* *Shallow (0.3m)* *Skeletal (<0.3m)*

Fire History (How determined):     

Other Disturbances: (Circle)

*Clearing* *Logging* *Grazing* *Erosion* *Feral animals*

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20-25	10	<i>E sclerophylla</i> , <i>Corymbia gummitera</i>
Understorey (1)	10-12	8	<i>C. gummitera</i>
Understorey (2)	1-3	2	<i>C. gummitera</i> , <i>persoonia levis</i>
Understorey (3)	<1	20	<i>Pantelia spinulosa</i> , <i>Lambertia formosa</i> , <i>Holcus dactyloides</i>
Ground Layer	<1	80	<i>Phyllocladus distachya</i> , <i>Entolasia stricta</i> , <i>Anisopogon</i> (maroon)

Structural Formation Class:     

Comments: Leaf litter = 5%, Logs = 5%, Bare ground = 10%, Rocks = 0%.

# FLORISTIC COMPOSITION

Job No.: 002594

Site No: 09

Date: 3-12-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	E. sclerodactyla	3		31	Undea linearis	2	
2	C. gummitera	2		32	Panthera encoides	1	
3	Pellonia levis	2		33	Glycine sp.	2	
4	Lambertia frumosa	2		34	Gompholobium pinnatum	2	
5	Banksia spinulosa	3		35	Platysace linearifolia	1	
6	Hakea dactyloides	2		36	Ocotea sp.	3	
7	Ptilothrix delata	2		37	Hibbertia aspera	3	
8	Eucalyptus stricta	3		38	Caesia parviflora	1	
9	Anisopappus (maxon)	3		39	Cryptostylis sp.	1	
10	Therapsid australis	2		40	Gompholobium sp.	1	
11	Boronia sp.	2		41	Personia senegalensis	1	
12	Mirbelia rubrifolia	2		42	Lomandra tuiformis	2	
13	Platylobium formosum	2		43	Deucosia quadrifida	1	
14	Acacia myrtifolia	2		44	Dioscorea reticulata	1	
15	Xanthosia bidentata	2		45	Burchardia umbellata	1	
16	Lomandra darque	2		46	Hypoxis nudramatica	2	
17	Microtis sp.	1		47	Phyllanthus sp.	1	
18	Conocarpus leucoides	2		48	Phyllanthus graminifolius	1	
19	Isopachne sp.	1		49	Notopala sp.	1	
20	Anisopappus brevicornis	1		50	Pteridium esculentum	1	
21	Pseudocathartes variabilis	2		51	Dampiera stricta		
22	Lomandra multiflora ssp. multiflora	2		52			
23	Platysace linearifolia	1		53			
24	Kimberley linearifolia	2		54			
25	Lepidosperma laterale	2		55			
26	Allocasuarina littoralis	1		56			
27	Acacia wickhamii	1		57			
28	Cassipourea sp.	2		58			
29	Viola heterocarpa	2		59			
30	Goodenia holidifolia	2		60			

C/A: Cover Abundance Scale

Data: to be marked when entered into computer data base

Cover Abundance Scale

1= cover less than 1%

2= cover 1-5%

3= cover of 6-25%

4= cover of 26-50%

5= cover of 51-75%

6= cover of 76-100%

# Vegetation Survey

Job No.: 0012594

Date: 3-12-03 Recorders: WI + RB Site No: Q10

Film No:      Photo No:     

General Location: Left of Ridge road from A7 transect.

Quadrat Size (if not 20 x 20):     

Map Name: Hushisson GPS 2 up 59 Scale:     

AMG Ref: 285727 E 6116921 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

*Crest*    *Upper-Slope*    *Mid-Slope*    *Lower-Slope*    *Flat*    *Open-depression*

Altitude:      metres

Slope: 5° degrees

Aspect: NW degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: *Waterlogged*    *Damp*    *Moist*    *Well drained*

Texture:     

Colour:     

Depth: *Deep (>1m)*    *Shallow (0.3m)*    *Skeletal (<0.3m)*

Fire History (How determined):     

Other Disturbances: (Circle)

*Clearing*    *Logging*    *Grazing*    *Erosion*    *Feral animals*

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	20	10	<i>E. globoides</i> , <i>E. sclerophylla</i>
Understorey ①	8-10	2	<i>E. hummifera</i>
Understorey ②	0.5-1.5	15	<i>Leptospermum polyanthum</i> , <i>Banksia spinulosa</i>
Ground Layer	<1	90	<i>Lepidosperma corallinum</i> , <i>Entolasia stricta</i> , <i>Lepidosperma laterale</i> .

Structural Formation Class:     

Comments: Leaf litter = 8%, Bare ground = 1%, Logs = 2%, Rocks = 0%.  
A lot of dead casuarinas 0 to 5m tall.

FLORISTIC COMPOSITION				Job No.:	Site No.:	Date:	
No.	Species	C/A	Data	No.	Species	C/A	Data
1	E. anbrides	2		31	Hlocaetaria utrochul	2	
2	E. Usclaphulla	1		32	thysanotus sp.	2	
3	Cucumbria glumifera	2		33	Dacthonia sp	1	
4	Leptospermum foliosifolium	3		34	Perssonia linearis	1	
5	Bahkisia spinulosa	3		35	Anisopogon (maroon)	2	
6	Lepidosperma concavum	4		36	Chenopod sp.	1	
7	Entolasia stricta	3		37	Petersonia sericea	1	
8	Lepidosperma laterale	2		38	Linkaea linearis	1	
9	Themeda australis	2		39	Lomandra obliqua	1	
10	Gonocarpus tenuicoides	3		40	Muporus araminea	1	
11	Pteridium esculentum	1		41	Gordonia heterophylla subsp. not.	1	
12	Viola hederacea	2		42	Caesia sp.	1	
13	Phyllanthus sp.	2		43	Schoenus sp	2	
14	Altheia sp.	2		44	Cratostylis subulata	1	
15	Phacelia unifolia	2		45	Halimodorum corymbosum	1	
16	Dianella caerulea var caerulea	1		46	Acacia multifolia	1	
17	Anisopogon axonaceus	2		47	Philothrix densa	1	
18	Dampiera stricta	1		48	Melaleuca thymifolia	1	
19	Hibbertia aspera	1		49	Gnania sp. 0	1	
20	Xanthocisia tridentata	2		50			
21	Hardenbergia violacea	1		51			
22	Pseudanthanthum lanabale	2		52			
23	Gordonia belidifolia	2		53			
24	Lomandra longifolia	1		54			
25	Pultenaea sp.	1		55			
26	Lomandra multiflora	2		56			
27	Microdora stipeoides	2		57			
28	Imperata cylindrica	2		58			
29	Cratostylis sp.	2		59			
30	Opereculata sp.	1		60			

C/A: Cover Abundance Scale  
to be marked when entered into computer data base

Date:

Cover Abundance Scale  
1= cover less than 1%  
2= cover 1-5%  
3= cover of 6-25%  
4= cover of 26-50%  
5= cover of 51-75%  
6= cover of 76-100%

# Vegetation Survey

Job No.: 0012594

Date: 4-12-03 Recorders: WT Site No: Q11

Film No:      Photo No:     

General Location: Heathland on Residential

Quadrat Size (if not 20 x 20):     

Map Name: Huskeson wp 61 Scale:     

AMG Ref: 286417 E 6116186 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

*Crest*    *Upper-Slope*    *Mid-Slope*    *Lower-Slope*    *Flat*    *Open-depression*

Altitude:      metres

Slope: <5 degrees

Aspect: SE degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: *Waterlogged*    *Damp*    *Moist*    *Well drained*

Texture:     

Colour:     

Depth: *Deep (>1m)*    *Shallow (0.3m)*    *Skeletal (<0.3m)*

Fire History (How determined):     

Other Disturbances: (Circle)

*Clearing*    *Logging*    *Grazing*    *Erosion*    *Feral animals*

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	0.5-2	90	<i>B. ericifolia</i> , <i>Hakea</i> sp.
Ground Layer	0-0.5	90	<i>Lepurodium</i> , <i>Xanthorrhoea</i> , <i>Entolasia</i>
			<i>Woodisia pungens</i>

Structural Formation Class:     

Comments: Leaf litter = 20% Bare ground = 2% Logs = 1%

Bandicoot diggings

# FLORISTIC COMPOSITION

Job No.: 002594

Site No:

011

Date:

4-12-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	Woolisia purgens	4		31			
2	Banksia ericifolia	5		32			
3	Hakea sp.	4		33			
4	Epacris obtusifolia	3		34			
5	Xanthorrhoea	3		35			
6	Darwinia sp.	3		36			
7	Epacris microphylla	2		37			
8	Caesalpinia	1		38			
9	Leptocarpus tenax	2		39			
10	Rhalea linifolia	1		40			
11	Lomandra filiformis	2		41			
12	Burchardia umbellata	1		42			
13	Xanthorrhoea tridentata	1		43			
14	Isopogon anemonifolius	1		44			
15	Dambiera stricta	2		45			
16	Melaleuca thymifolia	1		46			
17	Acacia suarabolens	1		47			
18	Mitrasacme polymorpha	1		48			
19	Caesia parviflora	1		49			
20	E. obscura	1		50			
21	Lepidosperma quadrangulatum	1		51			
22	Callistemon linifolius	1		52			
23	Allocasuarina uliginosa	1		53			
24	Sprengelia incarnata	1		54			
25	Schwebia juncea	1		55			
26				56			
27				57			
28				58			
29				59			
30				60			

## Cover Abundance Scale

- 1= cover less than 1%
- 2= cover 1-5%
- 3= cover of 6-25%
- 4= cover of 26-50%
- 5= cover of 51-75%
- 6= cover of 76-100%

## C/A: Cover Abundance Scale

Data: to be marked when entered into computer data base

# Vegetation Survey

Job No.: 0012594

Date: 4-12-03 Recorders: WI Site No: Q12

Film No:      Photo No:     

General Location: Commercial site NW palkine quadrat, Open herbland

Quadrat Size (if not 20 x 20):     

Map Name: WP62 Hushisson Scale:     

AMG Ref: 286633 E 6116356 N

Lat:      'S Long:      'E

Landform Pattern:     

Physiography: (Circle)

*Crest Upper-Slope Mid-Slope Lower-Slope Flat Open-depression*

Altitude:      metres

Slope: 0 degrees

Aspect: 0 degrees (magnetic)

Map Geology:      Lithology:     

Soil: (Circle)

Drainage: *Waterlogged Damp Moist Well drained*

Texture:     

Colour:     

Depth: *Deep (>1m) Shallow (0.3m) Skeletal (<0.3m)*

Fire History (How determined):     

Other Disturbances: (Circle)

*Clearing Logging Grazing Erosion Feral animals*

Vegetation Structure: (Walker & Hopkins, 1983)

Stratum	Height (m)	% Cover	Dominant Species
Canopy	0.3-0.7	5	Lambertia formosa, Althea, Isopogon
Ground	<0.5	90	Xanthorrhoea commata, Lepidosperma, Lamandra filiformis

Structural Formation Class:     

Comments: Leaf litter: 10%, Bare ground = 5%

FLORISTIC COMPOSITION

Job No.: 002594

Site No:

Q2

Date: 4-12-03

No.	Species	C/A	Data	No.	Species	C/A	Data
1	Burchardia umbellata	2		31	Hydranthus monopterygius	1	
2	Sprengelia incarnata	2		32	Cassia peritiora	1	
3	Pithecellobium lincifolium	2		33	Leptocarpus tenax	2	
4	Darwinia sp.	1		34	Portulaca sp.	1	
5	Dampiera stricta	2		35	Mitrasacme polymorpha	1	
6	Microtis sp.	1		36	Polygonia sericea	2	
7	Epacris obtusifolia	2		37	Banksia oblongifolia	1	
8	Cassutha sp.	2		38	Lambertia fraxinea	2	
9	Lomatium filiformis	3		39	Banksia ericifolia	1	
10	Meibomia rubra	2		40	E. sclerophylla	1	
11	Conospermum sp.	2		41	Allocasuarina uliginosa	1	
12	Anisodermis (mazon)	3		42	Schoenus lepidosperma ssp pachylophus	1	
13	Leptosperma sp.	4		43	Baumea rubiginosa	1	
14	Epacris microphylla	2		44			
15	Isopogon sp.	2		45			
16	Cyatocarpus diandra	2		46			
17	Leucopogon microphyllus	2		47			
18	Danthonia tenuior	2		48			
19	Leptomeria sp.	2		49			
20	Hibbertia sp.	2		50			
21	Cratogeomys affinis	2		51			
22	Entolasia stricta	2		52			
23	Goodenia bulbifolia	2		53			
24	Hovea sp.	1		54			
25	Xanthosia tridentata	2		55			
26	Haemodorum compositum	1		56	White-bellied sea eagle	1	
27	Phloxia dousta	1		57			
28	Xanthorrhoea corallina	2		58			
29	Thysanotus sp.	2		59			
30	Conophtholobium pinnatum	1		60			

Cover Abundance Scale

- 1= cover less than 1%
- 2= cover 1-5%
- 3= cover of 6-25%
- 4= cover of 26-50%
- 5= cover of 51-75%
- 6= cover of 76-100%

C/A: Cover Abundance Scale

Data: to be marked when entered into computer data base



# ORCHIDS



2-10-03

Residential site S.E. of road 5 km between transects

START 2.15pm

3pm

Orchid Surveys (Vincentia)								
Transect Number	Peg/Flagging Colour	Date of Record	Species Recorded	ID notes	Number Recorded	Location	Vegetation	Notes
			Calochilus bicoloratus 1			0386433 6116357		016, up 1
1			Phryganita. proas		1			
2			proas Phryganita		1-4 (11)			up 2
3			proas Diurns duria proas		up 1-2 (3) (14) 11 1 (5) 4-11			about 6116144 & 0386453 6116151 & 0386450 6116150
STOPPED AT PEG up 34 (willis)								
4			proas Thalysneta					
5			proas		up 1-5 (16)	up 35	0386445 6116143	
6								

3

Taxonomy / Ecology / Physiology / Habitat potential

Target: Orchids / Parasitism on fruit habitat potential

### Orchid Surveys (Vincentia)

[illegible]

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

10. Scan stat  
12-25 finish

Site 6 (Residential)

27th of March 2004 (Rd)  
~~1st of April 2004~~

~~CONFIDENTIAL~~

Friday

11

3912

1

Outside of Property - cylindrical canisters

3613 - surface pebbles

1. affine  
 + C. kvart.  
 + C. kvart.

Potential  
P. affine habitat

## Orchid Surveys (Vincentia)

| Transect Number | Flagging Colour | Date of Record | Species Recorded | ID notes          | Number Recorded | Location      | Vegetation             | Notes                                       |
|-----------------|-----------------|----------------|------------------|-------------------|-----------------|---------------|------------------------|---|
| N/A             | N/A             | 22.10.07       | Thelymitra sp.   | unopened          | 2               | cut of road - | regrow 2L seedlings in | X2 plants                                   |
|                 |                 |                | "                | "                 | 3               | WP 37.        | seedling               |   |
|                 |                 |                | "                | "                 | 2               | WP 39         |                        |   |
|                 |                 |                | "                | "                 | 1               | WP 40         | open woodland          | fruits <del>the</del> stage.                |
|                 |                 |                | Calochortis      | Red Beard         | 1               | WP 41         | "                      | lower flowers open                          |
|                 |                 |                | Grandiflorus     |                   |                 |               |                        | 2 flowers above                             |
|                 |                 |                |                  |                   |                 |               |                        | unopened                                    |
|                 |                 |                |                  |                   |                 |               |                        | photo taken                                 |
|                 |                 |                |                  |                   |                 |               |                        | supposed to be N <sup>th</sup> from Geyers! |
|                 |                 |                | Thelymitra -     | about 16 open.    |                 |               |                        |   |
|                 |                 |                | "                | purple flowers    | 1               | WP 42         | unopened               |   |
|                 |                 |                | "                | "                 | 1               | WP 43         | "                      |   |
|                 |                 |                | Thelymitra sp.   | inset tree        |                 |               |                        |   |
|                 |                 |                | "                | Broad basal leaf. |                 | WP 44         | "                      |   |
|                 |                 |                | Thelymitra sp.   | smaller           |                 | WP 45         | "                      |   |
|                 |                 |                | Calochortis      |                   | 8               | WP 46         | "                      | unopened                                    |
|                 |                 |                | paludosus        |                   |                 |               |                        | best flowers open                           |
|                 |                 |                | Thelymitra       | saggy ground      | 720             | WP 47         | closed ground          | under seedlings                             |
|                 |                 |                |                  |                   |                 |               |                        |   |
|                 |                 |                |                  |                   |                 |               |                        |   |
|                 |                 |                | Walling          | Wash              |                 |               |                        |   |
|                 |                 |                | Border           | open north        |                 |               |                        |   |
|                 |                 |                | Worm             |                   |                 |               |                        |   |
|                 |                 |                | Worm             | WP stall 1        | 48              |               |                        |   |
|                 |                 |                |                  |                   |                 |               |                        |   |
|                 |                 |                | D. sulphurea     |                   | 6               | WP 50         | Open forest            | Glossy black-corns                          |
|                 |                 |                | D. aurea         |                   | 2               | WP 51         | open woodland          | X 1/2 - birds                               |

|                  |                            |
|------------------|----------------------------|
| Open to red      | Glasy black-coated         |
|                  | $\times 12 = \text{width}$ |
| green wood lines |                            |

Orchid Transects commercial site 23.10.03 will Interva

| Orchid Surveys (Vincentia) |                     |                                |                                    |          |                 |          |                          |   |
|----------------------------|---------------------|--------------------------------|------------------------------------|----------|-----------------|----------|--------------------------|---|
| Transect Number            | Peg/Flagging Colour | Date of Record                 | Species Recorded                   | ID notes | Number Recorded | Location | Vegetation               | Notes                                   |
| A                          | Pink+white          | 23.10.03                       | <i>Thelymitra</i> sp.              | fruiting | 2+1             | WP52     | open woodland            | fox scat? photo                         |
| 4                          | Pink                | "                              |                                    |          |                 |          |                          |   |
| 6                          | Orange              | "                              |                                    |          |                 |          |                          |   |
| 9                          | White               | "                              | <i>Calochilus campbellii</i>       | Red Beak | 7+1             | WP53     | from road 5th open beach | only in 1st 2nd areas 1 water from pool |
| 12                         | Orange              | "                              |                                    |          |                 |          |                          |   |
| 15                         | White               | "                              |                                    |          |                 |          |                          |   |
| 18                         | Pink                | "                              |                                    |          |                 |          |                          |   |
| 21                         | White               | "                              | <i>Thelymitra</i> sp.              |          | 2               | WP54     |                          |   |
| 24                         | Orange              |                                | "                                  |          | 2               | WP55     |                          |   |
| <del>26</del>              | <del>Pink</del>     |                                | <i>Durio aurea</i>                 |          | 1               | WP56     |                          |   |
| 28                         | Pink                |                                | "                                  |          | 5               | WP57     |                          |   |
| 31                         | Yellow              |                                | <i>Durio sulphurea</i>             |          | 1               | —        |                          |   |
|                            |                     |                                | <i>Durio aurea</i>                 |          | 2               | —        |                          |   |
|                            |                     |                                | <i>Thelymitra</i> sp.              | fruiting | 1               | —        |                          |   |
|                            |                     |                                | <i>D. aurea</i>                    |          | 1               | —        |                          |   |
| 34                         | Pink                |                                | <i>Cryptochilus</i> sp.?           |          | 4               | WP58     |                          |   |
| 37                         | Yellow              |                                | <i>Thelymitra</i> sp.              | fruiting | 1               | —        |                          |   |
| From                       | First               | line of pegs towards the creek | (start where the proteophyllum are |          |                 |          |                          |   |
| 28                         | Pink                |                                | <i>Thelymitra</i>                  | Stolon   | 1               | —        |                          |   |
|                            |                     |                                | <i>Calochilus campbellii</i>       |          | 1               | —        |                          |   |
| 25                         | Yellow              |                                | <i>Thelymitra</i> sp.              | fruiting | 1               | —        |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
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|                            |                     |                                |                                    |          |                 |          |                          |   |
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|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
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|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |
|                            |                     |                                |                                    |          |                 |          |                          |   |

NO

Orchid Surveys (Vincentia)

| Transect Number | Flagging Colour | Date of Record | Species Recorded      | ID notes | Number Recorded | Location       | Vegetation | Notes                     |
|-----------------|-----------------|----------------|-----------------------|----------|-----------------|----------------|------------|---------------------------|
| 1               | Yellow          | 23/10/03       |                       |          |                 |                |            | North / Sealed road       |
| 2               | Green           |                |                       |          |                 |                |            | Thick heathland           |
| 3               | Yellow          |                |                       |          |                 |                |            |                           |
| 4               | Red             |                | Trichopogon           |          |                 |                |            |                           |
| 5               | Blue            |                | Calochortus campicola |          |                 |                |            |                           |
| 6               | Red             |                | Diuris aurea          |          | 1               | 236655/6115822 |            | near post 5 south of road |
| 7               | Green           |                | Diuris aurea          |          | 2               | 236661/6115894 |            |                           |
| 8               | Blue            |                | Diuris aurea          |          | 1               | 236661/6115813 |            |                           |
| 9               | Pink            |                | Diuris aurea          |          | 4               | 236585/6115844 |            |                           |
| 10              | Pink            |                | "                     |          | 2               | 236584/6115841 |            |                           |
| 11              | White           |                | Psychodanthus ruber   |          | 2+1             | 236519/6115826 |            | 4m south of road          |
| 12              | Yellow          |                | Diuris aurea          |          | 2               |                |            |                           |
| 13              | Blue            |                | Diuris aurea          |          | 3               |                |            |                           |
| 14              | Orange          |                | Diuris aurea          |          | 10              |                |            |                           |
| 15              | Green           |                |                       |          |                 |                |            |                           |
| 16              | Green           |                |                       |          |                 |                |            |                           |
| 17              | Green           |                |                       |          |                 |                |            |                           |
| 18              | Green           |                |                       |          |                 |                |            |                           |
| 19              | Green           |                |                       |          |                 |                |            |                           |
| 20              | Green           |                |                       |          |                 |                |            |                           |
| 21              | Green           |                |                       |          |                 |                |            |                           |
| 22              | Green           |                |                       |          |                 |                |            |                           |
| 23              | Green           |                |                       |          |                 |                |            |                           |
| 24              | Green           |                |                       |          |                 |                |            |                           |
| 25              | Green           |                |                       |          |                 |                |            |                           |
| 26              | Green           |                |                       |          |                 |                |            |                           |
| 27              | Green           |                |                       |          |                 |                |            |                           |
| 28              | Green           |                |                       |          |                 |                |            |                           |
| 29              | Green           |                |                       |          |                 |                |            |                           |
| 30              | Green           |                |                       |          |                 |                |            |                           |
| 31              | Green           |                |                       |          |                 |                |            |                           |
| 32              | Green           |                |                       |          |                 |                |            |                           |
| 33              | Green           |                |                       |          |                 |                |            |                           |
| 34              | Green           |                |                       |          |                 |                |            |                           |
| 35              | Green           |                |                       |          |                 |                |            |                           |
| 36              | Green           |                |                       |          |                 |                |            |                           |
| 37              | Green           |                |                       |          |                 |                |            |                           |
| 38              | Green           |                |                       |          |                 |                |            |                           |
| 39              | Green           |                |                       |          |                 |                |            |                           |
| 40              | Green           |                |                       |          |                 |                |            |                           |
| 41              | Green           |                |                       |          |                 |                |            |                           |
| 42              | Green           |                |                       |          |                 |                |            |                           |
| 43              | Green           |                |                       |          |                 |                |            |                           |
| 44              | Green           |                |                       |          |                 |                |            |                           |
| 45              | Green           |                |                       |          |                 |                |            |                           |
| 46              | Green           |                |                       |          |                 |                |            |                           |
| 47              | Green           |                |                       |          |                 |                |            |                           |
| 48              | Green           |                |                       |          |                 |                |            |                           |
| 49              | Green           |                |                       |          |                 |                |            |                           |
| 50              | Green           |                |                       |          |                 |                |            |                           |

48 1  
49 1  
50 1



COMMERCIAL SITE 23-10-03 Transects Start: 10.30am Finish: 12.00pm

| Orchid Surveys (Vincentia) |                 |                |                  |              |                 |          |
|----------------------------|-----------------|----------------|------------------|--------------|-----------------|----------|
| Transect Number            | Flagging Colour | Date of Record | Species Recorded | ID notes     | Number Recorded | Location |
| C1a 6                      |                 | 23-10-03       | Mely             |              | 1               | wp 14    |
|                            |                 |                | " "              |              | 1               | wp 15    |
|                            |                 |                | " "              |              | 1               | wp 16    |
|                            |                 |                | " "              |              | 1               | wp 17    |
| White 3                    |                 |                |                  | nil recorded |                 |          |
| Green 8                    |                 |                |                  | nil rec      |                 |          |
|                            |                 |                |                  |              |                 |          |
| Blue 11                    |                 |                | Mely             |              | 1               | wp 18    |
| Yellow 13                  |                 |                | Mely             |              | 1               | wp 19    |
|                            |                 |                | Mely             |              | 1               | wp 20    |
|                            |                 |                | " "              |              | 1               | wp 21    |
|                            |                 |                | Diun's aucta     |              | 1               | wp 22    |
|                            |                 |                | " "              |              | 1               | wp 23    |
| Black 18                   |                 |                | Diun's aucta     |              | 1               | wp 24    |
|                            |                 |                | Cryptostylis?    |              | 1               | wp 25    |
|                            |                 |                | Diun's aucta     |              | 1               | wp 26    |
|                            |                 |                | Mely             |              | 1               | wp 27    |
|                            |                 |                | Diun's aucta 2   |              | 1               | wp 28    |
|                            |                 |                | Mely             |              | 1               | wp 29    |
| Yellow 19                  |                 |                | Mely             |              | 1               | wp 30    |
|                            |                 |                |                  |              |                 |          |
| Green 20                   |                 |                | Mely             |              | 1               | wp 31    |
|                            |                 |                | Diun's aucta     |              | 1               | wp 32    |
|                            |                 |                | Mely             |              | 1               | wp 33    |

8 Oct 2003  
1st record  
1st record  
1st record

Commercial site 23-10-03

Trassects between 1st row of peps + 2001 rd.

| Orchid Surveys (Vincentia)   |                         |                |                  |                       |                 |                           |
|--|-------------------------|----------------|------------------|-----------------------|-----------------|---------------------------|
| Transect Number  | Peg/<br>Flagging Colour | Date of Record | Species Recorded | ID notes              | Number Recorded | Location                  |
| 25 yellow  |                         |                |                  |                       |                 |                           |
| <del>Green 26</del>  | Green 26                |                |                  | Maly<br>Dried's aurea | III             | wp 34<br><del>wp 35</del> |
|  | White 27                |                |                  | "<br>Maly             | "               | wp 36                     |
|  |                         |                |                  | "<br>J                | "               | wp 37                     |
|  | Green 32                |                |                  | Maly                  | I               |                           |
|  | White 33                |                |                  | Maly.<br>J            | III             |                           |
| <hr/>  |                         |                |                  |                       |                 |                           |
| 1st row of pegs to Creek   |                         |                |                  |                       |                 |                           |
| White 27   |                         |                |                  | Maly                  | IIII            |                           |
| Blue 23  |                         |                |                  | Maly                  | IIII            |                           |
| <hr/>  |                         |                |                  |                       |                 |                           |
| Microtis paniflora complex - in veg patch in centre of road adjacent to paspalidium habitat. |                         |                |                  |                       |                 |                           |



## Orchid Surveys (Vincentia)

[illegible]



## Orchid Surveys (Vincentia)

[illegible]



[illegible][illegible]





[illegible][illegible]

BH

[illegible]

(3 people)

Start: 4pm Finish 4:15pm  
wp = double pegs boundary

SURVEY EFFORT: 2.25hrs (transsect) Start: 2pm Finish 4pm Random Meander

| Transect Number | Peg/ Flagging Colour | Date of Record | Species Recorded   | ID notes | Number Recorded | Location                           | Vegetation | Notes                               |
|-----------------|----------------------|----------------|--------------------|----------|-----------------|------------------------------------|------------|-------------------------------------|
| 1               |                      | 5-11-03        | C. canescens       | wp 69    | 3               | nth boundary residential (outside) |            |                                     |
|                 |                      |                | Thelypodia(?)      | wp 70    | 2               |                                    |            |                                     |
| 2               |                      | 5-11-03        | Thelypodia         | wp 71    | 2               | nth boundary residential           |            |                                     |
|                 |                      |                | " "                | wp 72    | 1               |                                    |            |                                     |
|                 |                      |                | " "                | wp 73    | 1               |                                    |            |                                     |
|                 |                      |                | " "                | wp 74    | 2               |                                    |            |                                     |
|                 |                      |                | " "                | wp 75    | 1               |                                    |            |                                     |
|                 |                      |                | Microtus           | wp 76    | 1               |                                    |            |                                     |
|                 |                      |                | Thelypodia         | wp 77    | 1               |                                    |            |                                     |
|                 |                      |                | Microtus           | wp 78    | 2               |                                    |            |                                     |
|                 |                      |                | Pseudophyllium (?) | wp 80    | 4               | 28556 6116840                      | wp         |                                     |
|                 |                      |                | Very unsure        |          |                 |                                    |            |                                     |
|                 |                      |                | Cryptosyrphus      | wp 81    | 1               |                                    |            |                                     |
|                 |                      |                | subulata           | wp 82    | 8               |                                    |            |                                     |
|                 |                      |                | Thelypodia         | wp 83    | 3               |                                    |            |                                     |
|                 |                      |                | Microtus           | wp 84    | 2               |                                    |            |                                     |
|                 |                      |                | Thely              | wp 85    | 2               |                                    |            |                                     |
|                 |                      |                | " "                | wp 86    | 1               |                                    |            |                                     |
|                 |                      |                | " "                | wp 87    | 3               |                                    |            |                                     |
|                 |                      |                | " "                | wp 88    | 3               |                                    |            |                                     |
|                 |                      |                | " "                | wp 89    | 12              |                                    |            |                                     |
|                 |                      |                | " "                | wp 90    | 8               |                                    |            |                                     |
|                 |                      |                | " "                | wp 91    | 14              |                                    |            |                                     |
| 3               |                      | 5-11-03        | Thely              | wp 92    | 2               |                                    |            | esement pathoad section residential |

NB throughout entire esement wp 92 = end of transect 3





[illegible][illegible]

Resident

## Target Search

[illegible]



[illegible][illegible]

17-11-03 Transect

Orchid Surveys (Vincentia)

| Transect Number | Peg/<br>Flagging Colour | Date of Record | Species Recorded | ID notes             | Number Recorded | Location | Vegetation | Notes |
|-----------------|-------------------------|----------------|------------------|----------------------|-----------------|----------|------------|-------|
|                 | Green + acid            | 17-11-03       | Nil Recorded     | <del>Scopelard</del> |                 |          | Scopelard  |       |
| #2              | Green                   | 17-11-03       | P. strictum      | approx 40m from rd.  | 2               |          | Scopelard  | wp 59 |
|                 |                         | 17-11-03       | P. affine        |                      | 1               |          | Scopelard  | wp 60 |
|                 |                         | 17-11-03       | "                |                      | 1               |          |            | wp 61 |
|                 |                         | "              | "                |                      | 1               |          |            | wp 62 |
|                 |                         | "              | "                |                      | 1               |          |            | wp 63 |
| #5              | Blue                    | 17-11-03       | P. affine        |                      | 1               |          | Scopelard  | wp 64 |
|                 |                         | "              | "                |                      |                 |          | "          |       |
| #8              | Green                   | "              | Nil recorded     |                      |                 |          |            |       |
| #11             | Blue                    | 17-11-03       |                  |                      |                 |          |            |       |
| #14             | Green                   | 17-11-03       | P. affine        |                      | 2               |          | Scopelard  | wp 65 |
|                 |                         |                | Scopelard        |                      | 1               |          |            |       |
| #17             | Blue                    |                | P. affine        |                      | 2               |          | Scopelard  | wp 66 |
|                 |                         |                | P. affine        |                      | 1               |          | " patch    | wp 67 |
|                 |                         |                | P. affine        |                      | 1               |          | "          | wp 68 |
| #20             | Green                   |                | P. affine        |                      | 1               |          |            | wp 69 |
|                 |                         |                | P. affine        |                      | 1               |          |            | wp 70 |
|                 |                         |                | "                |                      | 1               |          |            | wp 71 |
|                 |                         |                | "                |                      | 1               |          |            | wp 72 |
|                 |                         |                | "                |                      | 1               |          |            | wp 73 |
|                 |                         |                | "                |                      | 1               |          |            | wp 74 |
|                 |                         |                | "                |                      | 1               |          |            | wp 75 |
|                 |                         |                | "                |                      | 1               |          |            | wp 76 |
|                 |                         |                | "                |                      | 1               |          |            | wp 77 |
|                 |                         |                | "                |                      | 1               |          |            | wp 78 |
|                 |                         |                | "                |                      | 1               |          |            | wp 79 |
|                 |                         |                | "                |                      | 1               |          |            | wp 80 |
|                 |                         |                | "                |                      | 1               |          |            | wp 81 |
|                 |                         |                | "                |                      | 1               |          |            | wp 82 |
|                 |                         |                | "                |                      | 1               |          |            | wp 83 |

31 (new)

AK

17-11-03 Transects (commercial) Ste

[illegible]



Y = yellow  
 P = pink  
 Moved Transects - Commercial Kb

Orchid Surveys (Vincentia)

| Transect Number | Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location    | Vegetation | Notes             |
|-----------------|-----------------|----------------|------------------|----------|-----------------|-------------|------------|-------------------|
| Y19             | yellow peg      | 17-11-03       | Paphie           |          | 2               | mid up (19) | moor       | mid section       |
| "               | "               | 17-11-03       | "                |          | 1               | up (20)     | moor       | mid. section      |
| P22             | pink peg        | 17-11-03       |                  |          | 1               | up (21)     | "          | "                 |
| "               | pink peg        | "              | "                |          | 1               | (22)        | "          | "                 |
| P22             | "               | 17-11-03       | "                |          | 3               | up (23)     | "          | "                 |
| "               | "               | "              | "                |          | 1               | up (24)     | "          | "                 |
| "               | "               | "              | "                |          | 1               | up (25)     | "          | "                 |
| "               | "               | "              | "                |          | 1               | up (26)     | "          | "                 |
| "               | "               | "              | "                |          | 8               | up (27)     | "          | spread across mid |
| "               | "               | "              | "                |          | 2               | (28)        | "          |                   |
| "               | "               | "              | "                |          | 5               | (29)        | "          | spread: 1.5m mid  |
| Y25             | yellow peg      | 17-11-03       | Paphie           |          | 2               | up 30       | moor       | mid section       |
| P28             | pink peg        | 17-11-03       |                  |          |                 |             |            |                   |
| Y31             | yellow peg      | 17-11-03       |                  |          |                 |             |            |                   |

pink peg

✓

2.5m

[illegible]

5

5

[illegible]

Flowers

Date, WP, Trained, No. of orchids EFLM

Mixed Transects.

Commercial site

| Orchid Surveys (Vincentia) |                     |                |                  |          |                 |                            |                  |   |
|----------------------------|---------------------|----------------|------------------|----------|-----------------|----------------------------|------------------|---|
| Transect Number            | Peg/Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location                   | Vegetation       | Notes   |
|                            | Pink/white          | 17.11.03       | none             |          |                 |                            |                  | 2nd Tr. from NH   |
| 3                          | White               | "              | P. affine        |          | 1               | 50m fence with 2m support  | Yard, open slope |   |
| 4                          | Orange              | "              | none             |          |                 |                            |                  |   |
| 9                          | White               | "              | none             |          |                 |                            |                  |   |
| 12                         | Orange              | "              | P. affine        |          | 2               | 10 m N of Rd               | Open grassland   | 2 grassy up next to Caroline (Flagged with VMI colour?) |
| <del>15</del>              | <del>White</del>    |                |                  |          |                 |                            |                  |   |
| 15                         | White               |                |                  |          |                 |                            |                  |   |
| 18                         | Orange              | "              | P. affine        | WP 67    | 1               | 10m N of R                 |                  | XZ cat perrots inside of transect                       |
| 18                         | "                   | "              | "                | WP 68    | 1               | "                          |                  |   |
| 21                         | White               | "              | P. affine        | WP 74    | 2               | 5m N of Rd - 1m from Road. | Grassland        |   |
| "                          | "                   | "              | P. affine        | WP 76    | 1               | 5m Road                    |                  | Photo.  |
| "                          | "                   | "              | P. affine        | 77       | 1               | 10m from Road              |                  |   |
| "                          | "                   | "              | "                | 78       | 1               | "                          |                  |   |
| "                          | "                   | "              | "                | 79       | 1               | "                          |                  |   |
| "                          | "                   | "              | P. affine        | 81       | 1               | 10m "                      |                  |   |
| "                          | "                   | "              | "                | 82       | 1               | "                          |                  |   |
| "                          | "                   | "              | "                | 84       | 3               | 12 "                       |                  | Colin - NZ1   |
| "                          | "                   | "              | "                | 85       | 7               | 20m                        |                  |   |
| "                          | "                   | "              | "                | 90       | 34              | 25m                        |                  |   |
| "                          | "                   | "              | "                | 91       | 3               | 26m                        |                  |   |
| "                          | "                   | "              | "                | 92       | 1               | 28m                        |                  | Colin VSS   |
| "                          | "                   | "              | "                | 93       | 1               | "                          |                  |   |
| 24                         | Orange              | "              | "                | 98       | 1               | 1st rd between roads       |                  |   |
| "                          | "                   | "              | "                | 99       | 1               | 1m in open dirt track      |                  |   |
| "                          | "                   | "              | "                | 100      | 1               | 2m in open area            |                  |   |
| "                          | "                   | "              | "                | 101      | 1               | 25m S of road              |                  |   |
| 27                         | White               | 17.11.03       | none             |          |                 |                            |                  |   |
| 30                         | Orange              | 17.11.03       | none             |          |                 |                            |                  |   |
| 33                         | White               | "              | none             |          |                 |                            |                  |   |
| 36                         | Orange              | "              | none             |          |                 |                            |                  |   |

A



Resident in: ~~between~~ between connected + roadway.

Start: 10.13am. - 12.15 ✓ DB

Orchid Surveys (Vincentia)

| Transect Number | Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location | Vegetation              | Notes         |
|-----------------|-----------------|----------------|------------------|----------|-----------------|----------|-------------------------|---------------|
| number          | PINIC           | 18-11-03       | P. affinis       |          | 4               | WP (30)  | vegetation / shrubland. |               |
| "               | "               | "              | "                |          | 1               | WP (31)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (32)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (33)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (34)  | "                       |               |
| "               | "               | "              | "                |          | 3               | WP (35)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (36)  | "                       |               |
| "               | "               | "              | "                |          | 2               | WP (37)  |                         |               |
| "               | "               | "              | "                |          | 1               | WP (38)  | "                       | per-unmarked. |
| "               | "               | "              | "                |          | 1               | WP (39)  | "                       |               |
| "               | "               | "              | "                |          | 2               | WP (40)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (41)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (42)  | "                       |               |
| "               | "               | "              | "                |          | 1               | WP (43)  | "                       |               |

DB

[illegible]

# Residential between Comm + rd RB

Orchid Surveys (Vincentia)

| Transect Number | Peg/Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location | Vegetation              | Notes           |
|-----------------|---------------------|----------------|------------------|----------|-----------------|----------|-------------------------|-----------------|
| Meander pmx     |                     | 18.11.03       | P. affinis       |          | 1               | WP (44)  | heath/shrubland - regem | per. unmarked.  |
| "               | "                   | "              | "                |          | 1               | WP (45)  | "                       | per. unmarked   |
| "               | "                   | "              | "                |          | 1               | WP (46)  | "                       | —               |
| "               | "                   | "              | "                |          | 1               | WP (47)  | "                       | .               |
| "               | "                   | "              | "                |          | 1               | WP (48)  | "                       |                 |
| "               | "                   | "              | "                |          | 1               | WP (49)  | "                       | per. unmarked   |
| "               | "                   | "              | "                |          | 5               | WP (50)  | "                       | per. unmarked.  |
| "               | "                   | "              | "                |          | 1               | WP (51)  | "                       | per. unmarked   |
| "               | "                   | "              | "                |          | 1               | WP (52)  | "                       | per. unmarked   |
| "               | "                   | "              | "                |          | 1               | WP (53)  | other side of track     | possible        |
| "               | "                   | "              | "                |          | 2               | WP (54)  | "                       | 1 per. unmarked |
| "               | "                   | "              | "                |          | 1               | WP (55)  | "                       |                 |
| "               | "                   | "              | "                |          | 2               | WP (56)  | "                       | unmarked.       |
| "               | "                   | "              | "                |          | 1               | WP (57)  | "                       | 4               |
| "               | "                   | "              | "                |          | 4               | WP (58)  | "                       |                 |

[illegible][illegible]





STAT: 1230033

IF 2 ISH = 1 MDC

18-11-03 RESIDENTIAL SITE EASEMENT

## Orchid Surveys (Vincentia)

[illegible]

[illegible][illegible]



[illegible]

|                            |
|----------------------------|
| Orchid Surveys (Vincentia) |
|----------------------------|

[illegible]

0 7 5 3

RESIDENTIAL SITE W/ CREEK START: 9:45am FINISH: 10:15am

## Orchid Surveys (Vincentia)

[illegible]

4

10

## Orchid Surveys (Vincentia)

[illegible]

Verification in middle section 3 people  
Commercial Site  
Start: 1230pm Finish: 2:40pm

Stat: 1230 PM Finish: 2:40 PM

[illegible]

[illegible]

23 people.

positive ~~negative~~

17-11-03

RA2D0N 3E42D0R

FFSBC  
#251: 5-05PM  
SFBT:

### Orchid Surveys (Vincentia)

[illegible]

4

[illegible][illegible]



## 0011282

December 2003 - Commercial - Afluent 8884 8888

[illegible]

## Orchid Surveys (Vincentia)

0011282

December 2003 - Commercial

AP Hunt 8584-8888



| Transect Number | Peg/ Flagging Colour | Date of Record | Species Recorded | ID notes         | Number Recorded | Location | Vegetation | Notes                               |
|-----------------|----------------------|----------------|------------------|------------------|-----------------|----------|------------|-------------------------------------|
| W21             | white                | 2/12/03        | P. affine        |                  | 7               | WP85     |            | 17/11/03                            |
| "               | "                    | "              | "                |                  | 3               | WP83     |            | 17/11/03 2 still visible            |
|                 |                      | "              | "                | 4 plants on log. | 10              | WP90     |            | 17/11/03 - 8 flowering              |
|                 |                      | "              | "                |                  | 1               | WP91     |            | 17/11/03 - at end flowering         |
| O24             | orange               | 2/12/03        | "                |                  | 1               | WP98     |            | 17/11/03 - at end flowering.        |
|                 |                      |                |                  |                  | 1               | WP99     |            | 17/11/03 - All gone.                |
|                 |                      |                |                  |                  | 2               | WP100    |            | 17/11/03 - Only 1 visible flowering |
|                 |                      |                |                  |                  | 1               | WP101    |            | 17/11/03 - All gone.                |
| W27             | white                | 2/12/03        | —                | —                | —               | —        | —          | —                                   |
| O30             | Orange               | "              | —                | —                | —               | —        | —          | —                                   |
| W33             | white                | "              | —                | —                | —               | —        | —          | —                                   |
| O36             | Orange               | "              | —                | —                | —               | —        | —          | —                                   |
| W39             | white                | "              | —                | —                | —               | —        | —          | —                                   |



all waypoints are old except where shown

Orchid Surveys (Vincentia) GPS 2 - 2.12.03

| Transect Number | Peg/ Flagging Colour | Date of Record | Species Recorded | ID notes      | Number Recorded | Location | Vegetation  | Notes                  |
|-----------------|----------------------|----------------|------------------|---------------|-----------------|----------|-------------|------------------------|
| 2               | Yellowed             | 2.12.03        | Nandu            | flowering     | 1               | WP 60    | sedge/grass | Noted by NBS           |
| 11              | <del>Green</del> " " | "              | "                | "             | 3               | WP 61    | "           | "                      |
| 11              | "                    | "              | "                | Frutted       | 1               | WP 34    | "           | " (Not recorded by EM) |
| 11              | "                    | "              | "                | "             | 1               | WP 36    | "           | "                      |
| 11              | "                    | "              | "                | "             | 1               | WP 37    | "           | "                      |
| 11              | "                    | "              | "                | "             | 1               | WP 33    | "           | "                      |
| 11              | "                    | "              | "                | "             | 3               | WP 62    | "           | NBS + ERM              |
| 11              | "                    | "              | "                | "             | 3               | WP 39    | "           | NBS (no ERM last time) |
| 11              | "                    | "              | "                | "             | 1               | WP 40    | "           | ERM this time (no NBS) |
| 45              | <del>Blue</del> " "  | "              | "                | "             | 1               | WP 42    | "           | Outside quadrat        |
| 48              | Green                | "              | Nandu            | "             |                 |          |             | NBS (no ERM or NBS)    |
| 11              | Blue                 | "              | no sp            | "             |                 |          |             |                        |
| 14              | Green                | "              | P. affine        | just frutted  | 2               | WP 65    | grass       | ERM                    |
| 17              | "                    | "              | "                | "             | 7               | WP 66    | "           | "                      |
| 17              | Blue                 | "              | "                | "             | 1               | WP 64    | "           | ERM                    |
| 11              | "                    | "              | "                | "             | 1               | WP 68    | "           | "                      |
| 11              | "                    | "              | "                | "             | 1               | WP 66    | "           | "                      |
| 11              | "                    | "              | "                | "             | 2               | WP 70    | "           | "                      |
| 11              | "                    | "              | "                | "             | 1               | WP 44    | "           | NBS                    |
| 20              | Green                | "              | ERM              | white visible | 3               | WP 71    | "           | old ERM (5 ind)        |
|                 |                      |                |                  |               | 2               | WP 72    | "           | old                    |
|                 |                      |                |                  |               | 2               | 74       |             |                        |
|                 |                      |                |                  |               | 2               | 73       |             | old (1 only)           |
|                 |                      |                |                  |               | 1               | 74       |             | "                      |
|                 |                      |                |                  |               | 1               | 78       |             | "                      |
|                 |                      |                |                  |               | 1               | 47       |             | NBS (old but no WP)    |
|                 |                      |                |                  |               | 2               | 48       |             | "                      |
|                 |                      |                |                  |               | 1               | 73       |             | old                    |
|                 |                      |                |                  |               | 1               | 67       |             | NBS                    |
|                 |                      |                |                  |               | 1               | 78       |             | old                    |

EM (last time)

24



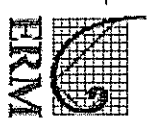
new individuals recorded  
not tagged.

CPS 2

Orchid Surveys (Vincentia)  
0011282

December 2003 Commercial ~~Open~~ Plant

8884 8888



| Transect Number | Peg/Flagging Colour | Date of Record | Species Recorded | ID notes             | Number Recorded | Location | Vegetation           | Notes  |
|-----------------|---------------------|----------------|------------------|----------------------|-----------------|----------|----------------------|--|
| W23             | White               | 2/12/03        | P. affine.       |                      | 3               | WP 35    | Low sparse woodland. | Fruiting. <del>3cm</del> 30cm  |
|                 |                     |                | "                |                      | 5               | WP 10    | "                    | Previously - 17/11/03 Fruiting.  |
| O6              | Orange              | 2/12/03        | "                | Yellow/green         | 2               | WP 41    | "                    | Fruiting in 1.5m apart.  |
| W6              | White               | "              | —                | —                    | —               | —        | —                    | —  |
| O12             | Orange              | "              | P. affine        |                      | 3               | WP 15    | Low sparse woodland. | 17/11/03 2 Fruiting - 1 flowering.   |
| W15             | White               | 2/12/03        | "                |                      | 1               | WP 63    | "                    | 19/11/03.  |
| O18             | Orange              | "              | "                | Near small Casuarina |                 | WP 43    | Grassy on island     | = flowering  |
|                 |                     | "              | "                |                      | 1               | WP 65    |                      | 19/11/03 still flowering   |
|                 |                     | "              | "                |                      | 2               | WP 19    |                      | 17/11/03 still flowering   |
| W21             | White               | "              | "                | Green/yellow         | 1               | WP 45    | Grassy               | 17/11/03 - already tagged but not WP so not new wp. 1 flowering - yellow? (old) 17/11/03 - already tagged before WP - new individual |
|                 |                     | "              | "                | At end of flowering  | 1               | WP 46    |                      |  |
|                 |                     | "              | "                |                      | 2               | WP 77    |                      |  |
|                 |                     | "              | "                |                      | 1               | WP 49    |                      |  |

John Briggs vectors only Persea peltata flowering or fruiting at the moment are P. affine

Orchid Surveys (Vincentia)  
0011282

December 2003

Commercial Renee Baker

85848888



| Transect Number | Peg/ Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location   | Vegetation | Notes   |
|-----------------|----------------------|----------------|------------------|----------|-----------------|------------|------------|---|
| Y1              | Yellow               | 02/12/03       | P. affine        |          | 4 (1 extra)     | WP 6 (new) |            | previously recorded 2 (Nov/03)                              |
|                 |                      |                | P. affine        |          | 3               | WP 85      |            | tag poss. removed   |
| Y7              | Yellow               | 02/12/03       | P. affine        |          | 1               | WP 86      |            | Orchid line from stake 50m from scrub<br>not flagged at all |
| P10             | Pink                 | 02/12/03       | P. affine        |          | 10              | WP 87      | sedge      | not flagged closed flowers                                  |
|                 |                      |                | P. affine        |          | 1               | WP 88      |            | not flagged closed flowers                                  |
| Y19             | Yellow               | 02/12/03       | P. affine        |          | 1               | WP 89      |            | not flagged closed flowers                                  |
| P22             | Pink                 | 02/12/03       | P. affine        |          | 4               | old WP 90  |            | (2 extra from Nov)  |
|                 |                      |                | P. affine        |          | 2               | WP 91      |            | no ECM tag  |
|                 |                      |                | P. affine        |          | 5               | WP 92      |            | no ECM tag  |
|                 |                      |                | P. affine        |          | 1               | WP 93      |            | no ECM tag  |
|                 |                      |                | P. affine        |          |                 | old WP 94  |            | 1 extra   |
|                 |                      |                |                  |          |                 | WP 97      |            |   |

start 8.30 finish 11.30

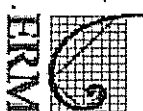
2

# Heathland Orchids

9/95 1.

Orchid Surveys (Vincentia)  
0011282

Start 9.30am 2 persons Finish 11.15am



| Transect Number | Peg/ Flagging Colour | Date of Record | Species Recorded | ID notes            | Number Recorded | Location         | Vegetation | Notes                                     |
|-----------------|----------------------|----------------|------------------|---------------------|-----------------|------------------|------------|---|
| Header          | Pink                 | 3/12/03        | P. alpine        | flowering           | 1               | wp105            | Heath      | no prev. flag                             |
| "               | exam frogs           | "              | P. alpine        | 10cm flowering      | 1               | wp106            | "          | no prev. flag                             |
| "               | "                    | "              | P. alpine        | 15cm flowering      | 1               | wp107            | "          |   |
| "               | "                    | "              | P. alpine        | flowering           | 1               | old wp 10 (N.V.) | "          | extra 1 (prev rec)                        |
| "               | "                    | "              | P. alpine        | flowering 20cm      | 1               | wp108            | "          | no prev. flag                             |
| "               | "                    | "              | P. alpine        | 30cm. finished fls. | 1               | wp109            | "          |   |
| "               | "                    | "              | P. alpine        |                     | 3               | wp118            | "          | <u>P. side of track</u><br>no exam frogs. |
| "               | "                    | "              | P. alpine        |                     | 1               | wp119            | "          | no (E) notes                              |
| "               | "                    | "              | P. alpine        |                     | 1               | wp120            | "          | no prev. flag                             |
| "               | "                    | "              | P. alpine        |                     | 1               | wp121            | "          | no prev. flag                             |
| "               | "                    | "              | P. alpine        |                     | 2               | wp122            | "          | no prev. flag                             |
| "               | "                    | "              | P. alpine        |                     | 2               | wp123            | "          | no prev. flag                             |
| "               | "                    | "              | P. alpine        |                     | 2               | wp124            | "          | 1 no prev. flag.                          |





Residential - Western Side of Moon Creek Rd -

[illegible]

## Marked Tanset

10-1-10

1000



100

21-12-03

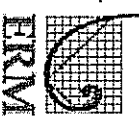
Start: 10.45am

Finish: 3.00

Forgot C. hunteriana search

Orchid Surveys (Vincentia)  
0011282

Transects followed to first peg in secop Moved transects commercial site



| Transect Number | Peg/Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location | Vegetation | Notes |
|-----------------|---------------------|----------------|------------------|----------|-----------------|----------|------------|-------|
| Green 2         |                     | 29-12-03       | N/A              |          |                 |          |            |       |
| Pink 4          |                     |                | "                |          |                 |          |            |       |
| Orange 6        |                     |                | "                |          |                 |          |            |       |
| Green 8         |                     |                | "                |          |                 |          |            |       |
| Pink 10         |                     |                | "                |          |                 |          |            |       |
| Orange 12       |                     |                | "                |          |                 |          |            |       |
| Green 14        |                     |                | "                |          |                 |          |            |       |
| Pink 16         |                     |                | "                |          |                 |          |            |       |
| Orange 18       |                     |                | "                |          |                 |          |            |       |
| Green 20        |                     |                | "                |          |                 |          |            |       |
| Pink 22         |                     |                | "                |          |                 |          |            |       |
| Orange 24       |                     |                | "                |          |                 |          |            |       |
| Green 26        |                     |                | "                |          |                 |          |            |       |

Pink 28

Orange 30

C. oerata up 1

#



Orchid Surveys (Vincentia)  
0011282

*Cryptantha* hunt.

Commercial.

To 1st permanent sedgelynes.

ERM

| Transect Number | Peg/ Flagging Colour | Date of Record | Species Recorded | ID notes | Number Recorded | Location | Vegetation | Notes |
|-----------------|----------------------|----------------|------------------|----------|-----------------|----------|------------|-------|
| Y1              | Yellow               | 29/12/03       | —                |          |                 |          |            |       |
| W3              | White                |                |                  |          |                 |          |            |       |
| B5              | Blue                 |                |                  |          |                 |          |            |       |
| Y7              |                      |                |                  |          |                 |          |            |       |
| W9              |                      |                |                  |          |                 |          |            |       |
| B11             |                      |                |                  |          |                 |          |            |       |
| Y13             |                      |                |                  |          |                 |          |            |       |
| W15             |                      |                |                  |          |                 |          |            |       |
| B17             |                      |                |                  |          |                 |          |            |       |
| Y19             |                      |                |                  |          |                 |          |            |       |
| W21             |                      |                |                  |          |                 |          |            |       |
| B23             |                      |                |                  |          |                 |          |            |       |
| Y25             |                      |                |                  |          |                 |          |            |       |
| W27             |                      |                |                  |          |                 |          |            |       |

W27

*Cryptantha*

Modorous

1

W1

4.5m from road edge  
Photo taken

Crypto hunteriana

30/12/03.  
 1st Hunt + T Haroldhurst

Orchid Surveys (Vincentia)

| Transect Number | Peg/<br>Flagging Colour | Date of Record              | Species Recorded  | ID notes                   | Number Recorded | Location | Vegetation | Notes   |
|-----------------|-------------------------|-----------------------------|---|----------------------------|-----------------|----------|------------|---|
| Meander         |                         |                             | looks through veg type  | 11. (near track)           |                 |          |            |   |
|                 |                         | 30/12/03                    | C. hunteriana   | Sedgey heath               | 1               | WP13     |            | Avenant sedgey + grasses + shrubs.                  |
|                 |                         |                             | 2 persons for   | 0.5 hrs each               | 18.             | 1 hr     |            |   |
| Meander         |                         |                             | wall. Hum. Rat at back of EPP habitat.  |                            |                 |          |            |   |
|                 |                         | Start 10:45<br>Finish 11:15 |   |                            |                 |          |            |   |
| Meander         |                         |                             | corner of Navan College Rd + Moon Ct. Rd. where with Harold pass C. hunteriana. |                            |                 |          |            | Start 11:15 11:45                                   |
|                 |                         |                             | → confirmed it was C. subs.   |                            |                 |          |            |   |
|                 |                         |                             | Stems most edge of boundary   | → follow transects. 11.45. |                 |          |            |   |
|                 |                         | Finish 12:30                | 04 C B ...  |                            |                 |          |            | + Meander walk to try spot one in open + by curlew? |
|                 |                         |                             | No Crypto. Hunt. → plenty of C. subs.   |                            |                 |          |            |   |
| Meander         |                         |                             | search NE corner at the bottom of the last trap line                            |                            |                 |          |            |   |
|                 |                         |                             | Crypto. sub + erecta → No C. hunteriana.  |                            |                 |          |            |   |

begin WP21  
 22.  
 0.5 hrs x 2 people

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Orchid Surveys (Vincentia)[illegible]



[illegible]

Meander transects after not recording individual in previously recorded locations



[illegible][illegible]

# Underground Orchid Transects Scribbly Gum

30-12-03 T. Haslehurst

## Orchid Surveys (Vincentia)

| Transect Number | Flagging Colour             | Date of Record | Species Recorded | ID notes | Number Recorded | Location | Vegetation      | Notes                                 |
|-----------------|-----------------------------|----------------|------------------|----------|-----------------|----------|-----------------|---------------------------------------|
| 1               | start<br>wp 10              | 30-12-03       | Nil records      |          |                 |          | Scrib. Gum (11) |                                       |
|                 | finish<br>wp 12             |                |                  |          |                 |          |                 |                                       |
| 2               | start<br>15<br>finish<br>17 |                | "                |          |                 |          | Scrib Gum       | Moorea Cr Rd +<br>Leisure<br>concrete |
| 3               | start<br>wp 25              | 31-12-03       | Nil records      |          |                 |          | Volcano         | 1hr + 2 people                        |
|                 | finish<br>wp 28             |                |                  |          |                 |          |                 |                                       |
| 4               | start<br>30                 | 31-12-03       | Nil records      |          |                 |          | W "             | 1hr                                   |
|                 | finish<br>33                |                |                  |          |                 |          |                 |                                       |
| 5               | start<br>wp 26              | 31-12-03       | Nil records      |          |                 |          | W "             | 1hr                                   |
|                 | finish<br>wp 27             |                |                  |          |                 |          |                 |                                       |
| 6               | start                       | 31-12-03       | Nil records      |          |                 |          | W "             | 1hr                                   |

31

finish

32

A

A

[illegible]

| Grassland Surveys (Vincentia) | Grassland Surveys (Vincentia) | Grassland Surveys (Vincentia) |
|-------------------------------|-------------------------------|-------------------------------|
| Galium surveys                | 2 people                      | Transects 10m apart           |

[illegible]

[illegible][illegible]

# COMMERCIAL SITE TRANSACTS

START: 11:00 FINISH: 15:30

Weather: overcast to clearing

## Orchid Surveys (Vincentia)

| Transect Number                       | Flagging Colour | Date of Record | Species Recorded | ID notes            | Number Recorded | Location | Vegetation | Notes |
|---------------------------------------|-----------------|----------------|------------------|---------------------|-----------------|----------|------------|-------|
| 9                                     | Gr/Cold         | 15/1/04        | WIL RECURS       |                     |                 |          |            |       |
| 1                                     | Yellow          | "              | WIL RECURS       |                     |                 |          |            |       |
| 3                                     | White           | "              | WIL RECURS       |                     |                 |          |            |       |
| 5                                     | Blue            | "              | "                |                     |                 |          |            |       |
| 7                                     | Yellow          | "              | "                |                     |                 |          |            |       |
| 9                                     | White           | "              | "                |                     |                 |          |            |       |
| 11                                    | Blue            | "              | "                |                     |                 |          |            |       |
| 12                                    | Yellow          | "              | "                |                     |                 |          |            |       |
| 13                                    | White           | "              | "                |                     |                 |          |            |       |
| 17                                    | Blue            | "              | "                |                     |                 |          |            |       |
| 19                                    | Yellow          | "              | "                |                     |                 |          |            |       |
| 21                                    | White           | "              | "                |                     |                 |          |            |       |
| 23                                    | Blue            | "              | "                |                     |                 |          |            |       |
| 25                                    | Yellow          | "              | "                |                     |                 |          |            |       |
| 27                                    | White           | "              | "                |                     |                 |          |            |       |
| 29                                    | Blue            | "              | "                |                     |                 |          |            |       |
| 31                                    | Yellow          | "              | See below        |                     |                 |          |            |       |
| 32                                    | White           | "              | "                |                     |                 |          |            |       |
| 35                                    | Blue            | "              | "                |                     |                 |          |            |       |
| 37                                    | Yellow          | "              | "                |                     |                 |          |            |       |
| 39                                    | White           | "              | "                |                     |                 |          |            |       |
| 41                                    | Blue            | "              | "                |                     |                 |          |            |       |
| 43                                    | Yellow          | "              | "                |                     |                 |          |            |       |
| 45                                    | White           | "              | "                |                     |                 |          |            |       |
| 47                                    |                 |                |                  |                     |                 |          |            |       |
| identifying burnt west of access road |                 |                |                  |                     |                 |          |            |       |
| 31?                                   | Yellow          | "              | C. hirsutissima  | 10m W. of access rd | 1               | W.P. 94  |            |       |
| 31                                    | "               | "              | C. hirsutissima  |                     | 2               | W.P. 94  |            |       |
|                                       | "               | "              | "                |                     |                 | W.P. 94  |            |       |
| 31                                    | "               | "              | "                |                     | 1               | W.P. 100 |            |       |



[illegible]

Commercial site transects - 1-H. 15-1-04  
and random meander - where?

start: 11am finish: 2:30pm / 3 ground parrots along transects 2 people.

| Orchid Surveys (Vincentia)         |                 | Peg/ |  | Date of Record | Species Recorded | ID notes | Number Recorded | Location | Vegetation | Notes |
|------------------------------------|-----------------|------|--|----------------|------------------|----------|-----------------|----------|------------|-------|
| Transect Number                    | Flagging Colour |      |  |                |                  |          |                 |          |            |       |
| <del>1</del> <del>Transect 1</del> | <del>pink</del> |      |  |                | C. heterotana    |          | 10/9/96         |          |            |       |
| green #2                           |                 |      |  |                | " "              |          |                 |          |            |       |
| pink #4                            |                 |      |  |                | " "              |          |                 |          |            |       |
| orange #6                          |                 |      |  |                | " "              |          |                 |          |            |       |
| green #8                           |                 |      |  |                | " "              |          |                 |          |            |       |
| pink #10                           |                 |      |  |                | " "              |          |                 |          |            |       |
| orange #12                         |                 |      |  |                | " "              |          |                 |          |            |       |
| green #14                          |                 |      |  |                | " "              |          |                 |          |            |       |
| pink #16                           |                 |      |  |                | " "              |          |                 |          |            |       |
| orange #18                         |                 |      |  |                | " "              |          |                 |          |            |       |
| green #20                          |                 |      |  |                | " "              |          |                 |          |            |       |
| pink #22                           |                 |      |  |                | " "              |          |                 |          |            |       |
| orange #24                         |                 |      |  |                | " "              |          |                 |          |            |       |
| green #26                          |                 |      |  |                | " "              |          |                 |          |            |       |
| pink #28                           |                 |      |  |                |                  |          |                 |          |            |       |
| orange #30                         |                 |      |  |                |                  |          |                 |          |            |       |

✶

## Orchid Surveys (Vincetia)

[illegible]

Random (heander 1671-04 & people 114.  
~~Deer Creek State Park~~ Residential site near  
 Star: 8:15am Finish: 9am Eastern Pygmy Possum habitat

## Orchid Surveys (Vincentia)

[illegible]

STAL: 08/15

[illegible]

[illegible]

Random meander Resident Scribble Gum Woodland

[illegible]

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[illegible][illegible]





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