















Reported Fox Sighting Data Sheet



	Witness Details	.exe		
Name				
Address	Newbra			
Home Phone Number				
Mobile Phone Number				÷
Date of report:	\$10/2/0°	}	12.53am	,
Grid refs: E:	N;	<u></u>		
Date animal actually observed:	10/2/09		12.15pm.	
Where animal actually observed			•	
Road name:				
Closest Town:	stou port	<u></u>	••••••	
Property, if applicable:				
<u>Plea.</u>	se tick or 1, 11 in as necessary	Wor ve	1	Λ
➤ Witness saw (or) heard ani	iv.a.		0,0	7)
Witness was approximately 20	netres away from anima	, and observed it fo	or	
Witness was travelling na	direct di	ection.	(amount of time)	
Animal was: (p'case c'ck, and add e	extra detail if necessary)		, , , , , , , , , , , , , , , , , , ,	r)
♦ Standing vill	/ -> 0	Lead	ldog oti.	رص
♦ Runni. 9	C 200		`	
♦ Eating Rodkill				
• Carrying something in its mouth				
◆ Chasing other animal A Travalling with another animal				
Travelling with another animalOther:		•		
100 ra	adside re	roje - Co	ossigted	0:10
Animal was shaped like a: (please t	ick animal type, and circle ap	propriate size)	S P P P COL	
◆ Large / medium / small dog			100 mes	4
◆ Large / medium / small cat		,	175-75	*
▲ Other			11久	00



Investigation No:	
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Fox Eradication Program

INVESTIGATION RUNNING SHEET

Centre: Teven	oott.	
Location:	,	
	Evidence type	
Database Sig	hting No: 10/2/09 = 60.45 hrs.	
Animal kill ty	vpe:	
Carcass:		•
Scat No/s:		
Vocalisation:		
Other:		
Date/Time	Action	Initial
10/2/09 8.09	Advised by	P
1 ' / .	Phoned	00
	checked nom son given by Alice 4),"
	added - Lora con pist north of northern speed	
	limit oga at	
		1
10/2/09 08.35	called back with advice that	N. T.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	by could meet me on sike.	N
10/2/09 11 11 xx.	Called Todi to ask to Send duta Sheet.	0
	No realy.	
fr (2) 09 44.30	Casted to arrange meeting on site.	7
	Called again & left message:	
		(V)

ejesterday for sopledy &





ORIC

	investigation iD:
Reported Fox Activity	
Data Sheet	•
Witness Details	
	·
	Anonymous
Name:	
Address:	
Home Phone Number:	
□ North South	□ North West
Investigator:	Ecotorui west
Where animal was observed at:	
Property, if applicable:	
Road name:	
	1
Closest town: C49,000	
Grid Refs: E:+/-n	ı Variance:
Date Observed: 5/6/09 Time: 8-2	
Date Observed:	6
Date of Report: 5/6/09 Time: 8.4	DOW
	<u> </u>
Witness report:	
Sighting Heard Smell Den	☐ Carcass
Suspect Kill:	••••••••••••••
/itness was approx ito is meters away from the animal, and observe	d it for
	gupteroad.
	2 01
ow ran witnesses: 2(+ MVM)	
nimal vas (please tick and add extra detail if necessary:	
☐ Walking ☐ Eating roadkill	
☐ Trotting ☐ Carrying something in its mo	outh
Standing Still Chasing other animal	•
☑ Running ☐ Traveling with another anim	nal

From right to left

The animal was travelling:

☐ From left to right

The follow features were observed:
Colour: Orange
Face:
Eyeshine:
Ears: black ears
Nose:
Tail: buthy black
Chest:
Legs:
other: not very hig - sm-ned dry
Additional Details: COTYTO 100 Croud + Jupe
up la enlandement to other side
of robol.
- En road Tese's 2 dans - it was up
to the 2nd day
Reporting Officer: 2 E Mos
Forwarded to Coordinator at: Prance
Recommen a ion by investigator:
Neconiner 3a on by investigator:
,
Rating: Description: Possible Description:



Investigation No:	
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Fox Eradication Program

INVESTIGATION RUNNING SHEET

Centre: 1/bu	Tour	
	yquet	
		· · · · · · · · · · · · · · · · · · ·
	Evidence type	
Database Sigh	ting No:	
Animal kill ty	pe:	·
		<u> </u>
Scat No/s:		
☐ Vocalisation:		
Other:		
		<u> </u>
Date/Time	A.ction	Initial
10/6/09	Called to discuss sighting +	
16.30 pm.	organize time for site visit.	
C Pro	Description in agiven as:	NA LA
	Colore = Diana, Red small pointy nose	
	Colour = O'rangy Red small pointy nose,	
	1 1/2 5 - 10 m culture Grown ownerd	
	at two of sighting Seen from	
	at two of sighting. Soon from which in hardlights. All the	
	lot seen loves before However	
	Mother who also saw the	
	animal thought it was a fox and has	
	seen foxes before on manhand.	
	The exact location was on	
	on RHS of Road handing away From Hung	
	near 2 large Jams.	
	Organized, site visit for Fau tomorrow	1.
	marning (11/6/09)	M
11/6/09 Fam	Met inother at	
7. T. 1	who shown the exact location of	77
	Sighting.	1
12/1/05 8 20an	Have over to Actor.	10



Investigation l	No:	

Date/Time	Action	Initial
16/6/09	Met Anton at location of sighting.	
1300	Sign searched Gar 22 hrs.	a.
1500	10-01 a 2 content 10/111	
	# 10615	
	# 10616 .	1
<u></u> .	1008	
	10^{-1}	
	Reconand Guther sign secreting	
	union scart detector days	112
		1
23/6/09	Carry Reid conducted scat search in	
1	area around location of sighting	
24/6/09	uma Timing ? young pup.	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	No set responses.	AL
	The state of the s	
		-
1		l
<u> </u>	AC 1 100	
	To the company of the control of the	

The animal was travelling:

From left to right

	Investigation ID:
Reported Fox Activ	vitv
Data Sheet	
Witness Details	
	Anonymous
Name:	·*····································
Address:	
Home Phone Number:	
□ North □ South /A A	North West
Investigator:	Con E. L.
Where animal was observed at: Property, if applicable:	
Road name:	
Closest town:	
Grid Refs: E:	+/-m Variance:
Date Observed: Time: Time:	7-30pm
Date of Report: 12 6 59 Time:	8.24 pm
Witness report:	
✓ Sighting ☐ Heard ☐ Smell ☐ Do	en 🔲 Carcass
Witness was approx meters away from the animal, a	nd observed it for
Witness was trave ling in a direction.	
How many witnesses:	
Animal vas (please tick and add extra detail if necessary:	
☐ Walking ☐ Eating roadkill	
☐ Trotting ☐ Carrying somethi	
☐ Standing Still ☐ Chasing other ani ☐ Running ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ Trayeling with ap	
□ Running □Other: □ Traveling with an	guita dinital

☐ From right to left

The follow features were observed:
colour: SPS
Face:
Eyeshine: Whey sey
Ears:
Nose:
Tail: met leg busly grey to
Chest:
Legs: tot very leg legs
Other: only saw back end + shoulder.
Additional Details: -looked like The reals are sand
last weak put soey
-wher got out ofter-sonseyeshire with torch!
Reporting Officer:
Forwarded to Coordinator to Verselo 8.27 pm.
Recommer Ja. on by Investigator:
Rating:
☐ Excellent ☐ Possible ☐ Unlikely

Candida Barclay/LTN/DPIWE 17/08/2009 03:07 PM To Jodie Elmer/LTN/DPIWE@DPIWE

DŃ

cc .

bcc

Subject Fw: results

Here are the DNA results for 7 scats recently analysed, including the two that were positive for fox. Feel free to contact me if you need any more details.

ID no.	Date	Location	Collector 1	Collector 2	Condit. \r	Collection Mcthod
10610	27-Apr-09	Buckland	Steve Locke		Dry	ncidental
10614	16-Jun-09	Supplice Rd, Cygnet	Steve Locke	Anton Ostberg	Dr.	Investigations
10613	16-Jun-09	A. Chemon, Cygnet	Steve Locke	Anton Ostberg	F1.75.1	Investigations
10615	16-Jun-09	Supplice Rd, Cygnet	Anton Ostberg	Steve Lock	Dry	Investigations
10609	20-Apr-09	Melton m obray	Steve Locke		Dry	Investigations
10616	16-Jun-09	Supplice Rd, Cygnet	Anton Ostberg	Steve Lo ke	Fresh	In vestigations
10612	10-Jun-09	Kellevie	Steve Locke	The state of the s	Fresh	Investigations

FYI. we also received results for 130 strategic scats which were all . egative for fox.

Regards, Candida

Candida Barclay

Project Officer (Fox Monitoring Program) | I Invasive Species CRC % ry | Fradication | I | DPIPWE

167 Westbury Road, PROSPECT, TAS, 7250 1 PO Box 47, KIN' S M 7ADOWS, TAS 7249

phone: (03) 6336 5348 1 mobile 0409 356 882 1 fex: (03) 63, 57 453



Matthew Marrison/LTN/DPIWE 26/08/2009 01:51 PM To Peter Cremasco/LTN/DPIWE@DPIWE, Mark Mackay/NTN/DPIWE@DPIWE

Jodie Elmer/LTN/DPIWE@DPIWE

bcc

Subject Cygnet activity (apologies, from Tas Times)

1. A dog fox was heard calling in this area in April 2008, one night only, and reported to the FCA. Local members were alerted but no back up calls were heard and, most importantly no vixens were heard.

A wandering dog fox could be 50km away 24hrs later.

Any one from Cygnet reading this, try to remember if any strange calls vere read, If you do not know the mating calls of foxes, write to the FCA. 3 Quiggi. St. Wyllyard. Tas 7325. Enclose suitable SAE envelope stamped for 10 dollars to receive information and free CD.

J A Stevenson

Posted by J A Stevenson on 19/08/09 at 06:22 PM



Assessed by the Department of Primary Industries, Parks, Water and Environment under the Right to Information Act 2009



Other:

Reported Fox Sighting Data Sheet



Witness	s Details ORICIAIA
Name	
Address	
Home Phone Number	
Mobile Phone Number	
Date of report: 1st November &	2008 21.00 hrs.
Grid refs: E:	N:
Date animal actually observed:	ovember 2008 bet va. 23.30+21.00h
Where animal actually observed:	
Road name:	JARD,
Closest Town: WYNGARD,	
Property, if applicable:	
Please tick or file	in as necessary:
➤ Witness saw (or) heard animal.	
➤ Witness was approximately 15 n. stres av	way from animal, and observed it for 30 Sec
Witness was travelling in a	direction.
Animal was: (plegse ticks, and add extra detail if	necessary)
♦ Standing S.E.1	
Running	
◆ Eating Road cill◆ Carrying something in its mouth	
 Carrying sometiming in its mount Chasing other animal 	
◆ Travelling with another animal	
◆ Other:	
Animal was shaped like a: (please tick animal type	pe, and circle appropriate size)
◆ Large / medium / small dog	
◆ Large / medium / small cat	



Investigation No:	Investigation No:	·
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Fox Eradication Program

INVESTIGATION RUNNING SHEET

Centre: D'Por	AT STONEY RISE.	
Location: (BASS HUY, WYNYARD.	
	Evidence type	
Database Sig	chting No:	
`		
Animal kill t	type:	
Carcass:		
Scat No/s: _	#10305 + # 10306.	
Vocalisation		
Other:	A service of the serv	*
Date/Time	Action	Initial
4/11/08.	Wish Dog Han les barry Reid commenced	A)
	Scarch. 2 Sea, a faund, I very fresh, Iv. old	# .
;	bagged freel reat on road reserve bass they.	
Hlu/08	Called in or	
	Obsaved ramission to enter. Also Obsamed	W .
,	permission from A neighbor on	
rl.lan	Phi ned key from Do to enter with vehicle.	
5/4/08	Me property do search rear area. Algo	1
	spoke with Bournes as aport Agon. So enter	P
	properly on airport side of road.	
culo	Searched area on The with Dog	w).
	Handler Carry Reid of Shelter Belt, award	W .
	sheds and Shushland on excargment at par	
	of property. Also picked up 2 deat from	
	Cyprus Skelterbelt.	
13/11/08.	Whited Wes office to confirm change of tible on	
12/0/00	Burne Aurport Land.	
13/11/08	Kand North of Segloting (in the land by deaned by	
13/11/08	Left message on the plan of the to call bour	
91.100	regist nowough on the property to cold wall	1



Investigation No:	
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Date/Time	Action	Initial
17/11/08	Seanded - awport Side & dog. No cordener found. (ie west bank).	8
3/12/08	Learched east bank of anyone - anyont side. a dog. no evidence found.	
\$ 12 08	No forther action at this stage-Adaptive cluster complete. Suggest bailing program on properties surrounding amport & hinterland.	9.
	Decisión for further action exter on postice conformation of seats and/or number of en rungs over next few months (+ previous recent significas).	
		1
X		









Reported Fox Sighting Data Sheet



Witness Details
Name
Address
Home Phone Number
Mobile Phone Number
Date of report: 17th. October 2008
Grid refs: E:
te animal actually observed: 7th October 2008 1000 ho
Where animal actually observed:
Road name:
Closest Town: BURNIE.
Property, if applicable:
Please tick or ful in as necessary:
> Witness saw (or) heard animal.
Witness was approximately 50 n. etres away from animal, and observed it for 5-6 Sees.
> (amount of time)
> Animal was: (plegse troy, and add extra detail if necessary)
◆ Standing Stall
Runnin
 ◆ Eating Roackill ◆ Carrying something in its mouth
◆ Chasing other animal
◆ Travelling with another animal
A 0.1
Ducked and wire fence , & thru paddock between heises.
Animal was shaped like a: (please tick animal type, and circle appropriate size)
♦ Large (medium / small dog)
◆ Large / medium / small cat
♦ Other:
long for a dog not fut or huge "

Assessed by the Departme	ent of Primary	/ Industries, Parks	, Water and Environment under the Right to	Information Act 2009
Animal's colour was:	orangy		and the following features were ob	4
(please ask the witness to n	iention feature	es, but do not prom	upt for specifics) Please tick features mentioned	1.
Eye shine (ask for	r colour if m	nentioned)		il a citi
Pointy ears				
♦ Pointy nose				
Fluffy tail				
♦ White tip to tail				
White chest				
Dark Legs				
♦ Other				
➤ Witness has seen fo				
only	in f	tudy peop	us.	
> Rating by reporting	g officer: (pl	ease tick or circ	le).	
Excellent				
◆ Possible				
Unlikely				· ·
Donouting officer name	o and signat			·
		ture:		
		P. W. Hana	18 1	
Please write any additi	onal detail,	such as follov.	ρ ir vestigation notes, here:	
	_	18/0/8		
• • •			t accessible at present a	Her
numerous all	eruplo or	in years:		************
No fewler	es y	e at this	Stage until access to	()
property coa	n alka	••••••		
↑	•	'	around haspital. No evido	uoe
bin d. In	s bekeepla	ibe with	Gary + otog.	•••••
No hu	Alu nele	in reasind		
	TO STATE STATE OF STATE STATES	V. V		************
***************************************	•••••			
***************************************	************	•••••		************
••••••••••				***********
	`			
***************************************	· · · · · · · · · · · · · · · · · · ·			***********
***************************************	***********	******************		
				30

















37

722954553 1639 W Home Phone Number Mobile Phone Number Date of report: 28/4/8. ate animal actually observed: 28 4 58 Where animal actually observed: Road name:..... Property, if applicable: Please tick or fill in as v cessary: ➤ Witness saw (or) heard metres away from animal, and observed it for 2-35ecs ➤ Witness was approximately _____ direction. Monibring. Vitness was travelling in a Animal was: (please tick and add extra detail if necessary) ◆ Standing Still Runnin , Mosigary fon ten ◆ Eating Readkill Carrying something in its mouth Chasing other animal ◆ Travelling with another animal Other: iethie at of their way-Slinking of Animal was shaped like a: (please tick animal type, and circle appropriate size) Large / medium / small dog Large / medium / small cat Other: larger than a cost - Mareoldy

Assessed by the Department of Primary Industries, Parks, Water and Environment under the Right to Information Act 2009
Animal's colour was: and the following features were observed:
(please ask the witness to mention features, but do not prompt for specifics) Please tick features mentioned.
◆ Eye shine (ask for colour if mentioned)
◆ Pointy ears ◆ Pointy nose ◆ Fluffy tail
◆ Fluffy tail
♦ White tip to tail
♦ White chest
◆ Dark Legs
♦ Other
➤ Witness has seen foxes before: yes ✓ no ☐ Where?
Mailand
> Rating by reporting officer: (please tick or circle).
◆ Excellent
Possible
◆ Unlikely
Reporting officer, name and signature:
Please write any additional detail, such as follow up investigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here: - which is text - moved Mayh
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here: - whis text - moved Mayh grie bisles.
Please write any additional detail, such as follow up inv stigation notes, here: - wat is text - moved may here - was belown.
Please write any additional detail, such as follow up inv stigation notes, here: - which is text - moved Mayh - we bester.
Please write any additional detail, such as follow up inv stigation notes, here: - wat is test - moved Mayh - was less. - was less. - was less.
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here: - west is text - moved Mrayth - was bases. - was a straight and basely. Not Got a have
Please write any additional detail, such as follow up inv stigation notes, here: - Vest is test - respect Through - vest should be bounded by the standard of the standard by the standard b
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here: - volt is text - moved Maych - volt shought and lookalf - volt of contact of text of the contact of text o
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here:
Please write any additional detail, such as follow up inv stigation notes, here: - what is toxt - moved Mrayth - what is toxt - moved Mrayth - who was a straight and bookship - white any detail, such as follow up inv stigation notes, here: - what is toxt - moved Mrayth - who was a straight and bookship - who was a straight
Please write any additional detail, such as follow up invistigation notes, here: - what is taxt - marked Mrayth - was sharpet anto lookaly - white at taxte lookaly Not Caxt a have









BN: 10956 : **Witness Details** Name. Address .. Home Phone Number Mobile Phone Number Date of report: 17 Jone 2008 Grid refs: E: te animal actually observed: Between 2-d+14 tone. -point 4 after 22.00 hvs. Where animal actually observed: Road name:..... Closest Town: 4. Barnington. Property, if applicable: Please tick or fi¹ in as . . . cessary: ➤ Witness saw (or) heard animal Witness was approximately 20 (amount of time) itness was travelling ir a takenly direction. Animal was: (please lick, and add extra detail if necessary) Standing Still Runnin; ◆ Eating Roadkill ◆ Carrying something in its mouth Chasing other animal Travelling with another animal Sow annual remaining down observing and decked into colvert. Animal was shaped like a: (please tick animal type, and circle appropriate size) ◆ Large / medium small dog ◆ Large / medium / small cat Other: Bigger than a cat.

.....

41

Assessed by the Department of Primary Industries, Parks, Water and Environment under the Right to Information Act 200)9
Animal's colour was: looked redetish and the following features were observed:	
(please ask the witness to mention features, but do not prompt for specifics) Please tick features mentioned.	
♦ Eye shine (ask for colour if mentioned)	
♦ Pointy ears	
♦ Pointy nose	
Fluffy tail	
White tip to tail	
♦ White chest	
♦ Dark Legs	
♦ Other sow movement of animal moticed fluffy text as et ducked into entret pipe. > Witness has seen foxes before: yes \ no \ \ \ Where?	
S. Aust.	
➤ Rating by reporting officer: (please tick or circle).	
♦ Excellent	
Possible	
◆ Unlikely	
↓ Chinkery	
Reporting officer, name and signature:	
Peter Haurisan	
Please write any additional detail, such as follow ur my stigation notes, here:	
Please write any additional detail, such as follow up investigation notes, here: 18/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may no activity seeks found.	
19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
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19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
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19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
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19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	
19/6/08 Induviewed at office - neighbour was observer. 19/6/08 Ran dog over la may so activity seek found.	





OBS 11D-1005799
Witness Details Name
Address
Home Phone Number
Mobile Phone Number
Date of report: 5 6 8
Grid refs: E:
Where animal actually observed:
Road name:
Closest Town: Cmu tero gode -
Property, if applicable:
Please tick or fill in as ressary: Witness saw (or) heard animal. Witness was approximately metres away from animal, and observed it for 20 Secs
(amount of time) Liness was travelling in a direction.
tness was travelling in a direction.
Animal was: (please tick and add extra detail if necessary)
Standing Still Runnin, De bitchmen read-blacked by grandraid. Eating Readkill Carrying something in its mouth
◆ Carrying something in its mouth ◆ Chasing other animal
◆ Travelling with another animal
◆ Other: Pen up the road for 10m.
Animal was shaped like a: (please tick animal type, and circle appropriate size)
 ◆ Large / medium / small dog ◆ Large / medium / small cat ◆ Other:
Coner.

Assessed by the Department of Primary Industries, Parks, Water and Environment under the Right to Information Act 2009
Animal's colour was: Animal's colour was: and the following features were observed:
(please ask the witness to mention features, but do not prompt for specifics) Please tick features mentioned.
Eye shine (ask for colour if mentioned) Pointy earslesse + 'ps == -
◆ Pointy nose ◆ Finitivail + Stranged > A
♦ White tip to tail
♦ White chest
◆ Dark Legs
◆ Other
> Witness has seen foxes before: yes no Where?
$\mathcal{L}_{\mathcal{L}}}}}}}}}}$
> Rating by reporting officer: (please tick or circle).
◆ Excellent
◆ Possible
♦ Unlikely
Reporting officer, name and signature:
Place write any additional detail such as follow while vestigation notes here.
Please write any additional detail, such as follow up in vestigation notes, here:
- Delivers Pelvoate every
- Delivers Pelvoate every
- Delivers Relvoate every
- Delivers Pelvoate every
- Delivers Pelvoate every night - Sean similar animal 3
- Delivers Relvoate every night - Sean simples animal 3 that premare ear it
- Delivers Pelvoate every night - Sean similar animal 3
- Delivers Relvoate every - Sear sinailes avined 3 + has + prher een i+ 4-5 time.
- Delivers Pelvoake every - Sear singiles avingel 3 times to perhase ear it 4-5 time. Interview 5/6/08. Interview 5/6/08.
- Delivers Nelvoate every - Sear singiles avinal 3 times t perhas ear it 4-5 time Interview 5/6/08. Bloos. Bloos Searched area with dog at Jemplade Rd. Dog sat
- Delivers Pelvoate every - Searchest area with dog at Jemplate ld. Dog sat on 8 cet in pickic ground. Camera set up by lod to carrly.
- Delivers Pelvoate every - Searchest area with dog at Jemplate ld. Dog sat on 8 cet in pickic ground. Camera set up by lod to carrly.
- Delivers Nelvoate every - Sear singiles avinal 3 times t perhas ear it 4-5 time Interview 5/6/08. Bloos. Bloos Searched area with dog at Jemplade Rd. Dog sat
Theorem 5/6/08. Indervisor Sla 08. Indervisor 5/6/08. Inder
- Delivers Pelvoate every - Searchest area with dog at Jemplate ld. Dog sat on 8 cet in pickic ground. Camera set up by lod to carrly.
Theorem 5/6/08. Indervisor Sla 08. Indervisor 5/6/08. Inder
Theorem 5/6/08. Indervisor Sla 08. Indervisor 5/6/08. Inder
Theorem 5/6/08. Indervisor Sla 08. Indervisor 5/6/08. Inder





Name
Address
Home Phone Number
Mobile Phone Number
Date of report: 23 5 08
Grid refs: E:
Date animal actually observed: 27/5 08
Where animal actually observed:
Road name:
Closest Town:
Property, if applicable:
Please tick ry." in conecessary:
> Witness saw (or) heard ani na . le. els.
Witness was approximately metres away from animal, and observed it for (amount of time)
> Witness was travellin in a direction.
The state of the s
Animal was: (rleat tick, and add extra detail if necessary)
Standing Still
Rur ling Eating Roadkill
• Carrying something in its mouth
• Chasing other animal
◆ Travelling with another animal
◆ Other:
[-[(4[5][5][))][4-4][4-4][4-4][4-4][4-4][4-4][4-4]
Animal was shaped like a: (please tick animal type, and circle appropriate size)
◆ Large / medium / small dog
◆ Large / medium / small cat
Orher: Cooked Like a yoursone
45



Fox Eradication Program

Centre: WA	UELSTO.	J@		· · · · · · · · · · · · · · · · · · ·	
1	Buchie			/c~~	<u> </u>
	· · · · · · · · · · · · · · · · · · ·				_
Database Si	ghting No:	Eviden	ce type		
Animal kill	type:	**************************************			
Carcass:					
Scat No/s: _		, -			
Vocalisation	:				
Other:					
Date/Time			Action		Initial
	SEARCHED		NO SIGN	of Animal	Romal.
•	1 OR SCATS				
14-16 21/5/08	SEARLIFED .			ONT ON.	4.
	SCAT INT		a obtained	Deserge	
	to swith		u cameras o		P
			- of posite		_
21/2/26	Sudle alli		avu do Mon		-
21/8/08.	Operations.	1 Lamburg	that sig i land	O and .	
	/				
,				* ****	
		. = 11112			,
1					
					
		· · · · · · · · · · · · · · · · · · ·		g And William of Ways I	
	1				i







Large / medium / small cat

Other:



TASMANIA	Sate Silect	Tasmania
	V	
1650 1651	Witness Details	- 18529 2009 -1636462087
Name		-1636462087
Address		
Home Phone Number		ENTERED /
Mobile Phone Number	l Da	te Tav
Date of report:2	2 nd 211	7. 45 hs
	served:25 April 2008	moth prior and esus.
Where animal actually o	bserved:	
Road name:		
Closest Town:	Parental	
Closest Town:	* NOTI 000	
Property, if applicable:		
	Please tick of fill in as necessar	ν.
		i.d.
➤ Witness saw (or) hear	anir al. 14-5 medves, -v fast.	
► Witness was annewimate	1/5 WHO motros away from anim	al, and observed it for
7 Withess was approximates	diagonally across trops	(amount of time)
> Witness was crave liber in a	a Westerley di	rection.
> Animal vas (please tick,	and add extra detail if necessary)	
Eating RoadkillCarrying something in it		anally across in faut of c
◆ Chasing other animal		
Travelling with anotherOther:	anımal	
▼ Omer:		
.,		
> Animal was shaped like a:	(please tick animal type, and circle a	ppropriate size)
♦ Large / medium / small	døg	

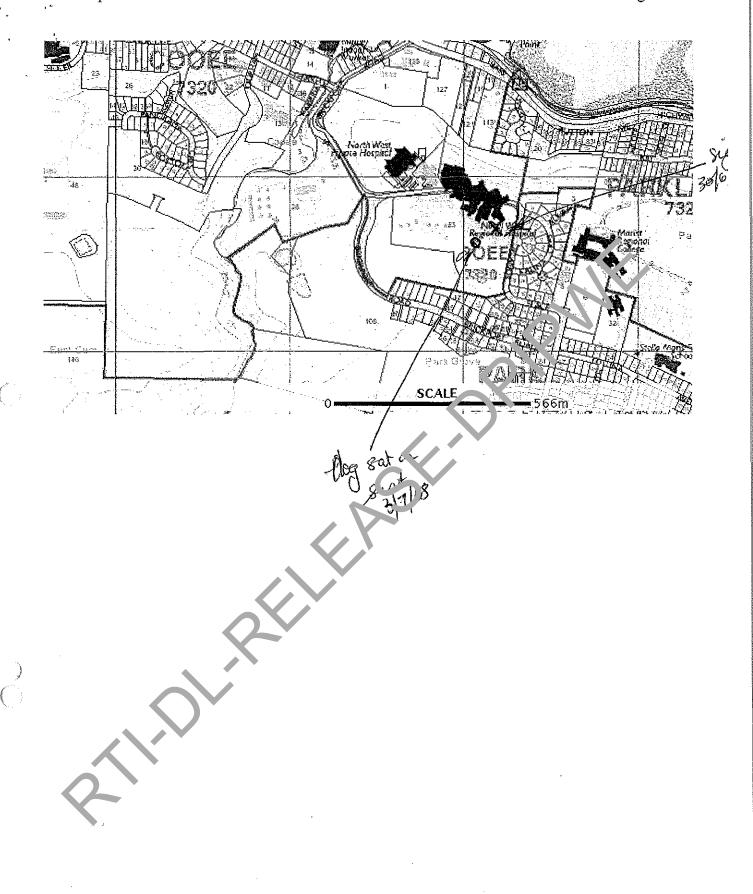
Animal's colour was: and the following features were observed: (please ask the witness to mention features, but do not prompt for specifics) Please tick features mentioned.
 Eye shine (ask for colour if mentioned) Pointy ears
◆ Pointy nose ◆ Fluffy tail dark smaler on both occasions* ◆ White tip to tail
♦ White chest♦ Dark Legs
◆ Other ➤ Witness has seen foxes before: yes no Where?
or maniford - husband hunto:
> Rating by reporting officer: (please tick or circle).
◆ Excellent ◆ Possible ◆ Unlikely
Reporting officer, name and signature:
ō
Please write any additional devil, such as follow up investigation notes, here:
51

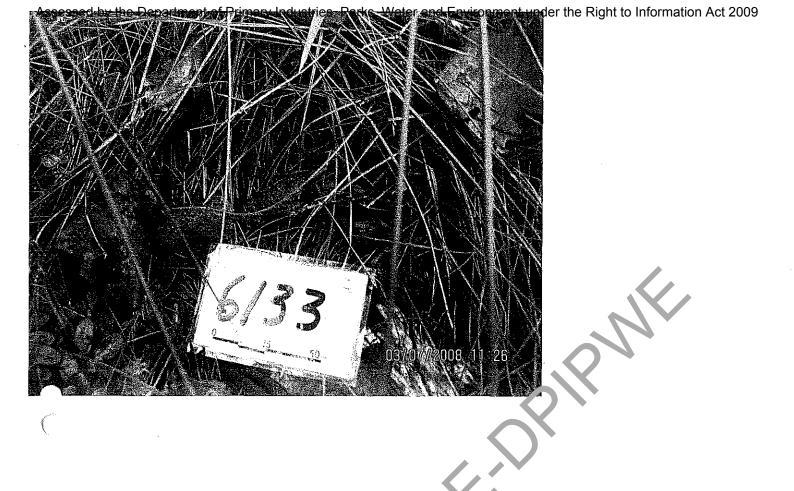






Witness Details
Name
Address NW Regional Hospital.
Home Phone Number
Mobile Phone Number
Date of report: 30/6/08
Grid refs: E: 395227 N: 544723
Grid refs: E: 395227 N: 544723 Date animal actually observed: $30/6/05$ 4.204 .
Where animal actually observed:
1. Millest Positional Harpital
Closest Town: Burie Between roadway -
Property, if applicable: Cast Col - Species Cinic.
Pleas ick or fill in as necessary:
> Witness saw (or) hear d an inal.
Witness saw (or) heard and inal. Witness was approximated to the same of the
(amount of time)
> Witness was a avelling in a direction.
Animal was: /please tick, and add extra detail if necessary)
♦ Sonding Still
Running Sauntering along.
◆ Eating Roadkill
♦ Carrying something in its mouth The Head
◆ Chasing other animal
◆ Travelling with another animal
♦ Other:
Come from Grank + across the road in Northerny direction on to very
Animal was shaped like a: (please tick animal type, and circle appropriate size)
♦ Large (medium) small dog)
♦ Large / medium / small cat
♦ Other:







Investigation	No:	
III. OCCUPATION	T , C.	

Date/Time	Action	Initial
7/1/08 14.36	phoned to arrange meeting or	æ
	property access to	-
8/2/08	I phoned back to say have will not	(A)
intrino 11 us	Inspected area from distance ?	24
<u> </u>	THE PARTY OF THE P	
4 4		7
11/8/08 13.10	Morsed Genera in carpark at Hospital. Scot ion and	
	up # 6/41 in same area as others.	
		1000
		1
Name of the Control o		- [









Witness Details Witness Details
Name VISITO femile
Address
Home Phone Number
Mobile Phone Number
Date of report: 17/2/08.
Grid refs: E: N:
Cate animal actually observed: 15 2 08 5.30pm.
Where animal actually observed:
Road name:
Closest Town:
Property, if applicable:
Please tick or fi ¹ in as cessary: ➤ Witness saw (or) heard animal ➤ Witness was approximately terms away from animal, and observed it for Sees.
Witness was travelling in a direction. (amount of time)
> Animal was: (please lick, and add extra detail if necessary)
Standing Still Runnin - Cross the road very grickly - into some some than Eating Ro. dkill Carrying something in its mouth Chasing other animal Travelling with another animal Other:
ran like a dog between daintily + smaller.
Animal was shaped like a: (please tick animal type, and circle appropriate size)
Large / medium / small dog Large / medium / small cat Other: Smaller Ten a dog. 60



Large / medium / small dog Large / medium / small(eat



Witness Details - 86	1071196
Name	\$\$\$\$ber pa for #b - y _ d mber nu
Address	
Home Phone Number	
Mobile Phone Number	
Date of report: 17/1/08.	
Grid refs: E: N:	etware ally at part 13113 ar with the
Date animal actually observed:	0.30m
Where animal actually observed:	
Road name:	name to the total of the special state.
Closest Town: (ample 116 1)	MONTH OF STATES OF PROGRESS BURNISH
Property, if applicable:	a
Pleasa the or fil in as necessary:	
> Witness saw (or) heard am, pal.	
> Witness was approximately metres away from animal, and observed it	for LOSECS
	(amount of time)
➤ Witness was tra. elling in a STANDING direction.	
Animal :: s: (p. ase tick, and add extra detail if necessary)	
♦ Star 'ing Sull	
Running	COPY
◆ Eating Roadkill	- 8
◆ Carrying something in its mouth	
◆ Chasing other animal	
◆ Travelling with another animal	•
Other: Ronig of Jon dy wates h	ole ito
Animal was shaped like a: (please tick animal type, and circle appropriate size)	Jans.

Animal's colour was: and the following features were observed	d:
(please ask the witness to mention features, but do not prompt for specifics) Please tick features mentioned.	
◆ Eye shine (ask for colour if mentioned)	
◆ Pointy ears	
◆ Pointy nose	
♦ Fluffy tail	
◆ White tip to tail	
◆ White chest	
◆ Dark Legs	
◆ Other	
> Witness has seen foxes before: yes no Where?	k .
Grew spon Mainlandi	h4+ }
> Rating by reporting officer: (please tick or circle).	
◆ Excellent was golf sunk	
◆ Possible	
◆ Unlikely	
Reporting officer, name and signature:	
Tale Eme	d Lh
Please write any additional detail, such as follow up investigation notes, here:	
Please write any additional detail, such a for w vp investigation notes, here:	645
SEAR TALKED TO FAMERS ON SITE BOTH WERE	
WENT TO SIGHTING A SIPM, PIKES OP SOUTH TOURS TO FAMILIES ON SITE BOTH WERE FORMER SKEPITAL' SAW THE ANIMAL	
WENT TO SIGHTING A J. PM. PIKED OP SORE TALKED TO FAMERS ON SITE BOTH WERE	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	And the second s
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	Mark Control of the C
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	The first of the f
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	
WENT TO SIGHTING 4 C.PM, PIKES OF SOME TALKED TO FAMILIES ON SITE BOTH WERE FORMER "SKEPITA" SOM THE ANIMAL	

Investigation No: - 86/07/196

Fox Eradication Program

Centre: PROSPECT	
Location:	,,
	Evidence type
☐ Database Sighting No:	
Animal kill type:	
Carcass:	
☐ Scat No/s:	
Vocalisation:	
Other: SIGHTING	

Date/Time	(cti in	Initial
17-1.08.	TAKE SIGHTING CONTECT	3. Mc
1. PM.	PICK HILL UP SC TO SIGHTING LOCATION	·
4	TALK TO	
1	FARM OWNERS SAW THE ANNUAL	
	MAKE PLAN TO TAKE KARM WORKER	<u> </u>
4.00.84	SEON ATILE.	
18-1-08	GO TO SITE MEET DAVID AND GARS.	2. King
9. AM	THEY DID SCAT SEABCH WITH DOSS.	
4	MT 8.AM. POT Z. CAMERAS OUT.	
J.FPM.	MND LOOK FOR SIEW NO DESULT.	
		<u></u>
22-1.08.	PICK UP PETER AND DAVID SO	-g. pul
19 00 9/4	TO SITE PICK UP.	
*	FARME WORKER" SO SPOTLISHTING	
2 - AM.	No DESULT SAW. 2 CATS!	
<u> </u>		
30-1-08	So To SITH CHECK CAMERAS SHIFT CAME. 2.	,
7.30 AM	SKARCH FOR ANY SIGN. NO RESULTS.	\$ 10.
4		
15. bw		8. My

Investigation No: 861071196

Date/Time	Action	Initial
5-2-08.	SO TO CHECK, CAMERIA'S HAVE	あ・177
8. MM	PODD WALK AROUND KOR SYSN - SOOD PAIN	
1300	IDEAN FOR PRACKS, NO RESULT.	
		ļ
6-2-02.	SO TO FARM WITH DAVID SPOTUSHT WEEK.	1) per
J. Pin	THE WET WRAT SAW SOME BYESHINE BUT	
	COULD NOT 1-D. WILL DO IMARK FOLLOW	
1-45 1911 -	UP WORK.	
		-
8-2-08	SO TO SITE WITH SARY AND DOS.	ļ <u> </u>
12 00	DO A SCAT SEANCH TAROUGH PINK	
	PHANTATION HAD A POSTIUE PERONE.	
4.6	OK A SCAT WITH DOS. 13A55 =0. 9.10	To sade
1500.	TAGGED DESUGAT BACK TO H.S.	D. Will.
local in lange	All the acceptance of the second	
18/2/08	Altending Officers: Da a Coningham	
2 0	Worked dogs in sheller bells. No	
2-pm	result.	
Z-30 can	De parted	OB
<u> </u>	De par-	
15/2/08	So TO FARM POT A THIRD CAMERA IN	
1 ' ('	PINE PLINTATION + CAT TRAP, CAKE.	
10 AM.	OTHER CAPTERAS.	D.140
1 . PM.		
19/2/08.	9 - FARM WITH GARY SEARCH MORE	
P. AM	MILE NO RESULT, CHEK NO 3 CAM.	
V	Soob PHTO OF TIGHT QUALL	D. 11-
11:30 110.		·
19. C. F.	Po SPOTLIGHTING WITH DAVID SAW	·
	ANOTHER CAT NO MORE DESULT.	
12. A14		f. un
25-2-08.	GO TO KAIRIM CHECK CAM 3. PHTO OF.	
8. AM	DKVIL,	B. Fire
-		
4.3.08	SET A POSTIUK ON SCAT WHILE ON	I. jegli
	M-LAWD.	1177



Investigation No: -86/07/196

Fox Eradication Program

Centre	" PROSPECT.	Name: J. MCCONNELL
Locati	on:	
		Evidence type
	Database Sighting No:	
	Animal kill type:	
	Carcass:	
	Scat No/s:	
	Vocalisation:	
	Other:	

Date/Time	Activi	Initial
12-5-08. A14:	SO TO KARM, SUT CAM 3, SET UP	
013.00/2	CAMP, WATH AREA UNTILL 020,00.	
12-3,00 600	SUMPLY ON MOT SPOT DO	J. Roc
	50ME MAISTUNE, NO RESULT. Co	
	122 sign skarzy, TAKK BAKK.	
	TO CAMP, WATCH AREA TILL NO	
020.00	MORE 21947	D.M.
14.3.08.		
6-30 mm	WHISTIR UP EAT OUT FROM PINKS	
	CHACK CAMERAS, SO AND FALK.	
	TO KARMERS DIXUS PODITING	
	J SCAT SKANCH.	J.Mc



Investigation No:	·

Date/Time	Action	Initial
17-30-6	GO TO KAIZM WITH DAVID AND DOS.	
7.		
	SEARCH PINKS AND NEW AREA NO	
=1200	·	D. Fr.
27-5.08. AMI.	9- To know and abset can-	
L	TPAP USE TUNA & ANISERD OIL FOR	
4. pm.	LURE. LOOK FOR MANY SISN.	To pre
30-5-01.	VISIT FARM. RESET MORE COMPRES	
<u> </u>	USK LURE TUNG OIL DIS MINISTED	
3.00 FM.	LOOK FOR TRACKS OF ASKATE SIND.	3 AK
14-7-08	GO TO FARM RE CHARC'S CAMEITAS.	
1. PM.	USE SARDINES , OR LURE.	D. Juga
-26AVE - 3 PM.		
16-7-08.	SO TO PUT CAMERA	
# 1. PM	ON BRIDGE ON MARMATE DIVER	
16AVE: 3:30		J. Syc.
17-7-08/0900	SO TO SITE CHECK DEN-SITE WITH DEAD POSUM.	
1691 K - 1300	water - New Lyungs.	F. pyc.
	·	
28-8.08/ 0870	CHECK CAMS RESERVED LOOK YOU SIGN - DENS!	
LEAVE: 1600		y. Kr €.
25/9/08:000.	CHECK CAMS. RESERVICE	
16nvh : 1300	··	Tille.

Investigation No: 86/07/196.

Fox Eradication Program

Centre: PR	058667.	
Location:		
	Thu! You as Asses	
Detalage Cicl	Evidence type	
Database Sign	hting No: - 86/07/196	
☐ Animal kill ty	/pe:	
☐ Carcass:		
Date/Time	Action	Initial
2-10-08/01/00	So To SITE CHECK PAIN 4. AND SISN	
- LEAVE: 1500	SEARCH. IN AREA.	J. Kyc.
	/ , 	
21/11/09.	9- To SI-1 TAKE CAMS OUT.	,
0900.	Action Mork	
	ACTIC - AT THIS TINK 1307	
	S- To STI TAKK CAMS OUT. NO ACTION MORK ACTION AT THIS TIME 130T NOW BEING MONTORING BLING	
	Douk.	
	21/11/08	
		<u>. </u>
	· · · · · · · · · · · · · · · · · · ·	
·		















Assessed by the Department of Primary Industries, Parks, Water and Environment under the Right to Information Act 2009



Reported Fox Sighting Data Sheet

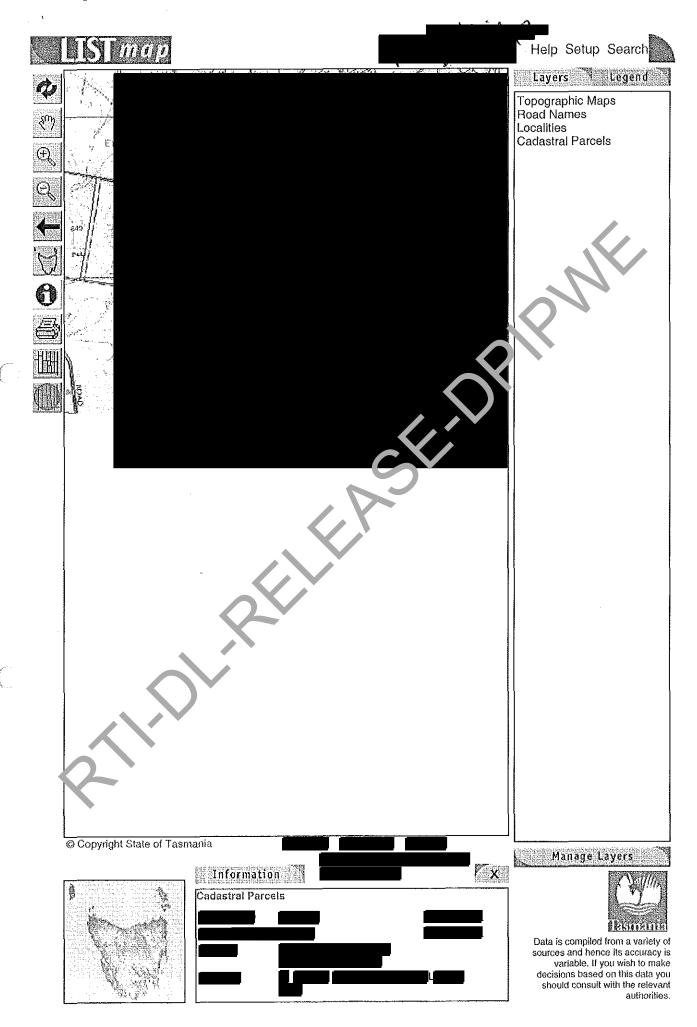


	AS P Doyle	17:4 D -4-:	1_	£\.
n dia	V	Vitness Detai	IS §	
Name!				<u> </u>
Address				A.
Home Phone	Number			
mome rhome	: Number	_	••••••••••••••••••••••••••••••••••••••	
Mobile Phon	e Number			
Data of mono	t: 16: August	2007		
Date of repor				•••••••••••
Grid refs: E:		N:		
Date animal	actually observed:	Evening of	isotto i uquat ?	50] ,
	al actually observed:	ري -		
	·			
Koad name:			***************************************	*************************
Closest Town	• • •••••		<i>\$</i> ····································	**************
Property, if ar	pplicable:			•••••••••
	<u>Pirase tid</u>	<u>Sor fill in as nece</u>	essary:	
≻ Witness saw [or) heard ar mal.	. Derk Killer	<i>?</i>	•
> Witness was a	pproximate'v 1	netres away from a	animal, and observed	l it for
		-	· 	(amount of time
Witness w s t	ravelling in a		direction.	
		7 . 11 . 6		
	please tick, and add extra	detail it necessary)	
♦ Standing S	till			
Running★ Eating Roa	al::11			
•	omething in its mouth			
◆ Chasing otl	-			
_	with another animal			
♦ Other:				

- Animal was shaped like a: (please tick animal type, and circle appropriate size
 - ◆ Large / medium / small dog
 - ♦ Large / medium / small cat
 - Other:

<i>j</i>	Animal's colour was: and the following features were observed
•	(please ask the witness to mention features, but do not prompt for specifics) Please tick features mentioned.
	◆ Eye shine (ask for colour if mentioned)
	◆ Pointy ears
	◆ Pointy nose
	◆ Fluffy tail
	♦ White tip to tail
	◆ White chest
	◆ Dark Legs◆ Other
	→ Other
	➤ Witness has seen foxes before: yes no Where?
	Mainland NSW on faining property.
-	Contraction of the services of
	> Rating by reporting officer: (please tick or circle).
	◆ Excellent
•	Possible
	◆ Unlikely
	Reporting officer, name and signature:
	1. Havrison
* 5	Please write any additional detail, ch s.s follow up investigation notes, here:
	Who ever when buil midnight, Wife got up of could
	fee day thing De barbing - Ducks making rouse
	I seemling got up walked outside - didn't bee
	anything In morning went investigated found
	duck not showing on carrian, but could not
	len belled it. Observed that clest caverty & neck,
	were saden. If I in NSW & would have definited
	4 71 -
•	said that it would be a for till.
٠	Jesia 5 " The Logrey had concar
	* Thicked gother Again.
	· Scorts & 2 - on dop of earhorher. There 881
	· 2 Cameras put in over wend.
	23/8/07, 2 cameras phored to dead chickens along fenceline
	2 South advanced lawns discount build a
	2 Sounds redrewed form adjacent bushland.

Page 2 of 2









Simon Fearn/LTN/DPIWE

29/09/2009 11:48 AM

To Candida Barclay/LTN/DPIWE@DPIWE

CC

bcc

Subject Scat contents part 1

10311.....1x dung beetle elytra (*Onthophagus* sp.). Lots of secondary minute fragments.

10322.....No invert remains

11113.....2x Dung beetle (Geotrupes spiniger).

10614......No invert remains

10616.....No invert remains

10398.....No invert remains

10378.....No invert remains

10377.....No invert remains

10374.....Secondary inverts from ingested skink lizard (Fam. Scinc. 1967). Many scales present.

10309.....No inverts

10305.....No inverts

10304.....No inverts

10301.....Few tiny secondary invert fragil er is

10233......Few tiny secondary invertifia ments

06134......1x dung beetle elytra ("atho hagus sp.). 1x passerine bird claw.

06130.....Few tiny second by invert fragments

05553.....Few tiny secondary invert fragments

05552.....No invert an ains

05294...... Few tin, secodary invert fragments

06131..... pew tiny secondary invert fragments

count



Sin on Fearn

(Senior Field Officer)

Department of Primary Industries, Parks, Water and Environment

167 Westbury Road PROSPECT, TAS 7250

PO Box 46, KINGS MEADOWS, TAS 7249

🕿 03 6336 5354 🖹 03 6336 4227 🛊

Simon Fearn/LTN/DPIWE 29/09/2009 03:47 PM

To Candida Barclay/LTN/DPIWE@DPIWE

CC

bcc

Subject Scat contents part 2

History: This message has been replied to.
43441x pasture scarab (<i>Adoryphorus couloni</i>), multiple specimens of flightless grasshoppe (<i>Phaulacridium vittatum</i>)
56751x dung beetle (<i>Onthophagus</i> sp.), multiple specimens of flightless grasshopr er (<i>Phaulacridium vittatum</i>), multiple specimens of black field cricket (<i>Teleogryllus commodus</i>).
56771x dung beetle (Onthophagus sp.).
6409Multiple specimens of black field cricket (Teleogryllus commodu 1.
08092x mantid ootheca (<i>Orthodera ministralis</i>), 1x ground weevi (רול בי a sp.)
08142x mantid ootheca (Orthodera ministralis).
0819No invert remains
2718No invert remains
3158No invert remains
4995No invert remains
5299No invert remains
53001x skink lizard (Scincida) .Minute secondary items from ingested lizard.
5304Multiple frog skele. I remains. 1x snake tail (either <i>Notechis scutatus</i> or <i>Austrelaps superbus</i> Fam. Elapidae).
6307Barley husks, po. ion of berry skin.
64061x skink lizard (Scincidae). Minute secondary invert remains.
8044No invert remains
0918vo invert remains
5551No invert remains
6.32No invert remains incorrect!
Sim n Fearn awarded to not present language and "
Sim n Fearn amended to not present landy sed' (Senior Field Officer) in results part '4'
Department of Primary Industries, Parks, Water and Environment
167 Westbury Road PROSPECT, TAS 7250
PO Box 46, KINGS MEADOWS, TAS 7249
☎ 03 6336 5354 🖹 03 6336 4227 🕍

Simon Fearn/LTN/DPIWE 30/09/2009 10:05 AM

167 Westbury Road PROSPECT, TAS 7250

PO Box 46, KINGS MEADOWS, TAS 7249

2 03 6336 5354 **2** 03 6336 4227 **3**

→ Simon.Fearn@dpipwe.tas.gov.au

To cc bcc Subject

Department of Primary Industries, Parks, Water and Environment

Candida Barclay/LTN/DPIWE@DPIWE

Scat contents part 3

Dida,

Forgot one item in scat 6307.....mantid oother a (Teno Vara australasiae)

Simon Fearn

(Senior Field Officer)

Simon Fearn/LTN/DPIWE 30/09/2003 10:05 AM

167 Westbury Roau Phospect, TAS 7250

PO Box 46 KINGS M2ADOWS, TAS 7249

☎ 03 53.5 535.4 🖹 03 6336 4227 🖠

Sir... Fearn@dpipwe.tas.gov.au

additional item,

somple count



Bloke,

702 has no invert remains.

6133 is not present in the washed Triggs samples. I had a cross next to it on my sheet but forgot what it meant.

The other list will be prepared, probably Friday.

I'll be over at 1045 for our frog date.

Wimey.

Simon Fearn

(Senior Field Officer)

Simon Fearn/LTN/DPIWE 07/10/2009 12:00 PM

167 Westbury Road PROSPECT, TAS 7250

PO Box 46, KINGS MEADOWS, TAS 7249

2 03 6336 5354 **2** 03 6336 4227 **4**

→ Simon.Fearn@dpipwe.tas.gov.au

...In response to:

----- Message from Candida.Barclay @c.pipve.tas.gov.au on Tue, 6 Oct 2009 12:58:10 +1100 -----

To:simonfearn@iprimus.con au Subject: scats

hey simon - just cocking a couple of things-

it appears that riggs has analysed the contents of scat 702 (from Conara - collected jan 06) but you didn't have it in your results list.

also - whave 'no invert remains' as the result for scat 6133, for which there were no results from triggs (but if you looked at it i assume she looked at it but found nothing...?)

and lastly - can you please type up a list for all of the scats that you are taking back to the museum please? make sure you mention whether it is either the small unwashed portion or the large washed portion - i need to be able to fill out the following table...

report or hard evidence of coxes in tossile.

FOX POSITIVE SCATS LODGED WITH QUEEN VICTORIA MUSEUM ON THE 15/6/2009 BY SIMON FEARN.

Museum lognent numbers are getting sent through to kim.

(A). Sub-samples of fox positive scats returned to FEP from Canberra

No.	Scat ID no docket numbers.
	10304
2.	10305
3.	10309
4.	10374
5.	10377
6.	10378
7.	10378 duplicate (6)
8.	10398
9.	5294
10.	05552
11.	05553
12.	06130
13.	06134
14.	10233
15.	10301
16.	00131
17.	17379
18.	5294
19.	06130
2'-	10304
21.	10301
22.	05552
23.	10233
24.	10305
25.	10398
26.	055531 deplicate (11)

- 27. 06134 light conte (13) 28. 10377 29. 10309
- 30. 10374 31. 06131 (diplicate 16)

(B) Scats returned to FEP from Barbara Triggs

- **①** 6409
- 2. 6406
- 3. 4344
- 4. 814
- 5. 5300
- 6. 8044
- 7. 6307
- 8. 5299
- 9. 5675
- 10. 3158
- 11. 2718
- 12. 5304
- 13. 4995
- 14. 5551
- 15. 5.77
- 16. 819
- 1 702
- 13. 918
- 19. 809

Fox Positive Scats collected by the Fox Eradication Program, lodged at the QVB

Sample	Scat_ID	Sample_type
1	16416	small portion
2	15318	small portion
3	14420	small portion
4	6451	small portion
5	16317	small portion
6	6424	small portion
7	15599	small portion
8	6940	small portion
9	7926	small portion
10	7782	small portion
11	7754	small portion
12	5689	small portion
13	16496	small portion
14	15089	small portion
15	6451	washed-Triggs
16	14420	washed-Triggs
17	15318	washed-Triggs
18	16317	washed-Trig
19	16416	washed-Trigg.
20	5689	washe (-Triggs
21	6940	washed- riggs
22	7926	was 'red-Triggs
23	7754	v ashed-Triggs
24	7782	vashed-Triggs
25	150.00	washed-Triggs
26	15509	washed-Triggs
27	16496	washed-Triggs

Lodge by

Date

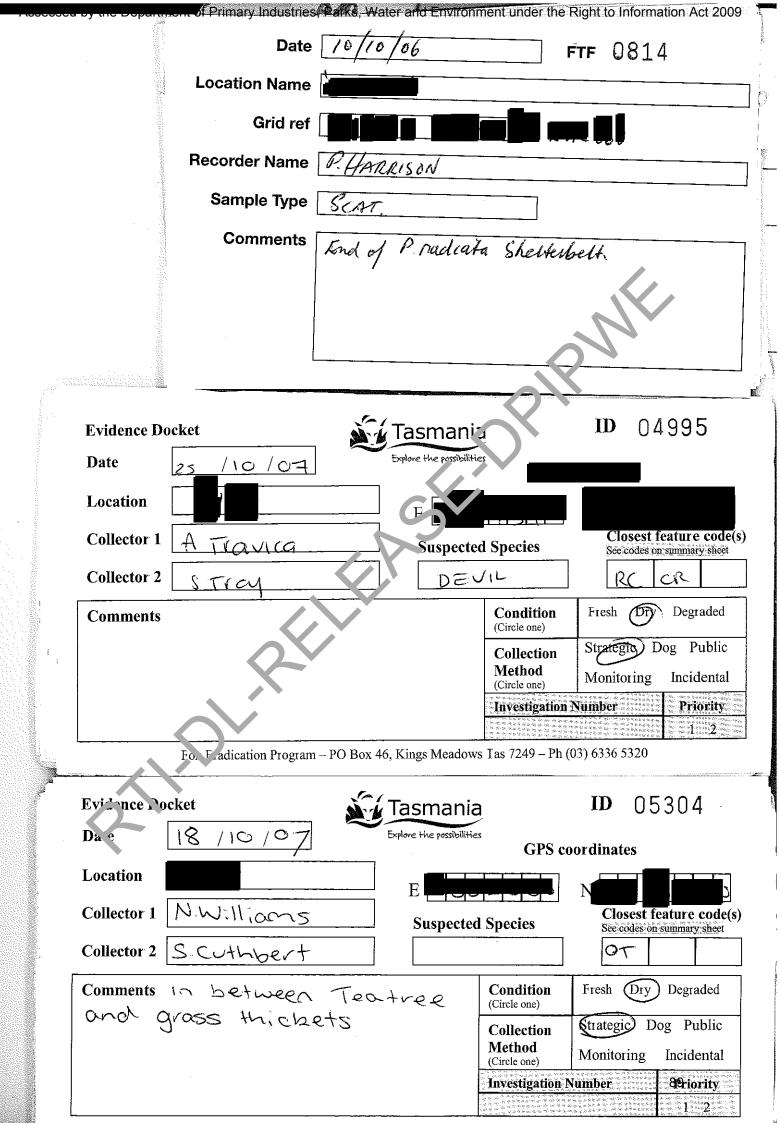
SIMON FEAREN

7 /9/10

Received by

Date

28/9/2010

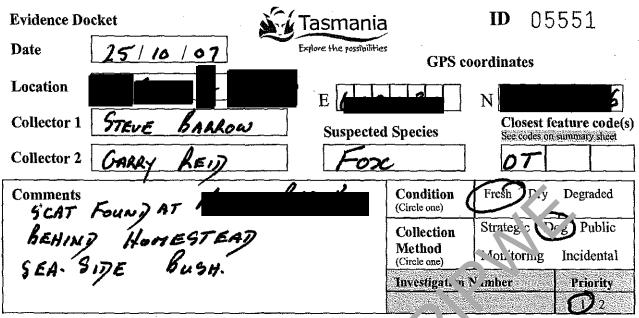


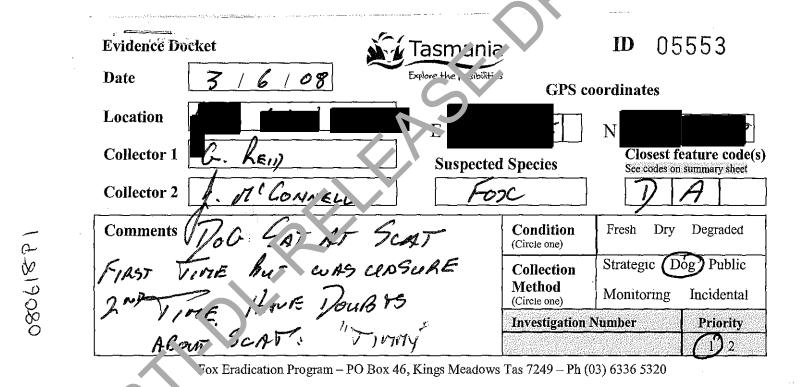
Date	(2/10/06 FTF 0819
Location Name	SOMERSET
Grid ref	
Recorder Name	P. HARRISON
Sample Type	Seat
Comments	Veh. truck bushland

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Ţ	Date	26/7/07	FTF 315	8
	Location Name			Ver Xe Paris
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			- 81-	
	Comment	Bush Shelter	DENT	
2	Date	10/10/10	FTF 08	n
			FIF OU	
	Location Name			
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· ;	Recorder Name	PHARRISON		
	Sample Type	5641		
	Comments	Pradiata She	lserbelt.	
	(ppppedagogamin)		•	
	Andrew State of the State of th			92

Fvidence Docket	Tasmania		ID 05299
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Collector 2 GANLY REID.	Fose		
Comments 250 m. from 25/4/08 84	i 6 Jun a	Condition Circle one)	Fresh Dry Degraded
200m. from 25/4/08 .C		Conceaon	Strate sic Dog Public
		Circle one)	Monitoring Incidental
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Date 7/5/08	Explore 'ne possibilities	GPS coo	ordinates
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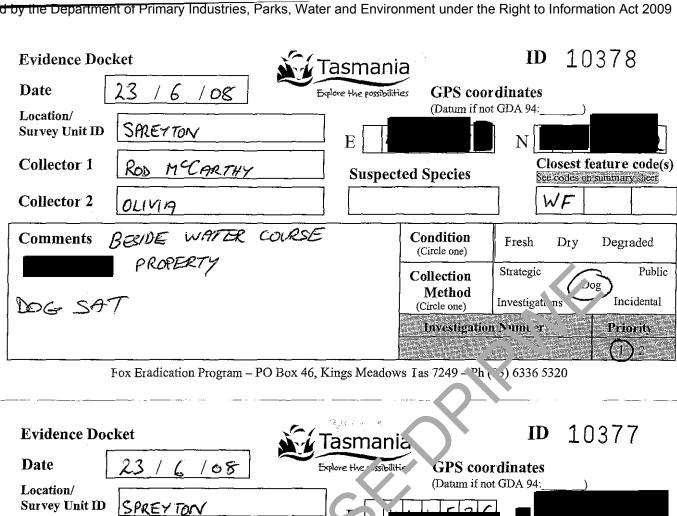
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Collector 1	P. HARREON GARRY RED	Suspect	d Species	FL FB Vo
Collector 2	GARRY RED		Condition	Fresh Dry Degraded
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Priority

Public

See codes on summary sheet

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WF

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Fresh

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Investigations

Collector 1

Collector 2

Comments

DOG SAT

Evidence Docket	Tasmania	ID 10233
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Comments	Condition (Circle one)	Fresh Dry Degraded
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REPORT ON INVERTEBRATE REMAINS IN FOX POSITIVE SCATS COLLECTED IN TASMANIA BY THE FOX ERADICATION BRANCH

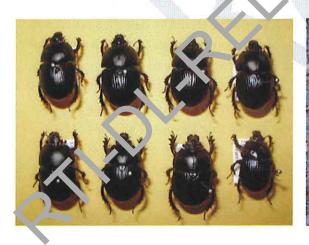
BY

SIMON FEARN

FOX ERADICATION BRANCH

SEPTEMBER 2009

DRAFT 2





INTRODUCTION

The Fox Eradication Branch of DPIPWE has well organised and scientifically rigorous procedures for detecting the presence of the invasive red fox (*Vulpes vulpes*) in the Tasmanian landscape. The most effective method that provides greatest certainty is the collection of carnivore scats and subsequent molecular analysis by the School of Applied Ecology, University of Canberra. Since 2005, forty one scats have tested positive for for DNA. Only a relatively small portion of each scat is required for PCA analysis with most on the rest of the sample subsequently being sent to respected mammalian hair chalyst, Barbara Triggs of Genoa, Victoria. Her determinations have provided a wealth of information on the trophic ecology of the red fox in rural and peri-urbar. Tast nania with a range of small to medium mammals, both native and introduced as well as carrion being consumed. The results so far indicate a diet very similar to foxes across their range on mainland Australia (extensive data summarised from citations, 1-9). For readers of this document it should be pointed out that as it is not possible to idea to idea those dietary studies that examined the contents of fox stomachs.

Apart from mammalian hairs, a range of other prey remains are present in scats reflecting the extremely catholic diet of the fox. Bird fer thers, reptile and frog remains and large amounts of fragmented inverteb ate remains are also commonly encountered in scats. Research has demonstrated that Lird remains do not emerge from the digestive process as well preserved as mammaiar hair, and it is not possible in most cases to make a definitive identification 10. Reptile ren 1 ins can be equally as difficult to identify to species level as all that remains in most cases are individual and often very small (in the case of scincid lizards) scales (pers. ob ...) In ver abrate remains however are often well preserved during the digestive process due to the resistant nature of the chiton that forms the cuticle of these organisms. The rou fox is an opportunistic predator taking advantage of any localised abur rance, of protein rich prey which often includes seasonal 'pulses' of specific inverted ate taxa 1-9. The types of invertebrates taken by foxes throughout their range in Avettelia are remarkably consistent across a variety of habitat types and climate regimes. Such invertebrates tend to be large (<15mm long), strongly seasonally abundant, have a dispersal phase that displays synchronous activity on a regional scale in response to specific environmental cues, are attracted in large numbers to spatially discrete food resources (e.g. dung beetles) and are dominated by relatively few Orders and Families. Orthoptera (grasshoppers, locusts, crickets), Hemiptera (primarily cicadas), Coleoptera (beetles), the larvae of pasture feeding Lepidoptera (moths and butterflies), Chilopoda (centipedes) and large wolf spiders in the genus Lycosa appear to be constants in the majority of dietary studies from Australia 1-9. Within these groups however, only relatively few Families/species

form the bulk of ingested invertebrates. For example, the Orthoptera are overwhelmingly represented by large, locally abundant species of grasshoppers and locusts (Family Acridae) and one species of widespread, locally abundant cricket (black field cricket *Teleogryllus commodus*. Gryllidae). Within the Coleoptera, the scarab beetles (Family Scarabaeidae) tend to dominate particularly dung beetles, a range of pasture scarabs and Christmas beetles in the genus *Anoplognathus* ¹⁻⁹.

The aims of this study were to examine Tasmanian fox scats to determine;

- (1) The taxonomic identity of as many ingested invertebrates as possible
- (2) To determine if any endemic insects could be identified.
- (3) To provide taxonomic and ecological evidence to corroborate that shats originated in the Tasmanian landscape.
- (4) To provide ecological information that may better focus integrated detection/control techniques.
- (5) To determine if trends in taxonomic composition in mainland invertebrate fox diets is similar for Tasmanian specimens.

METHO IS

A total of 39 scats were available for examination. Because these specimens had already been examined by Barbara Zriggs is renammalian hairs, no preparation was required as they had already been broken doesnot occupate their component contents. Each scat specimen was examined under a binocular microscope. Individual invertebrate components were collected and placed in small goesnot vials or in the case of large volumes of components from the one taxon, examined closely in a glass petri dish. Readily identifiable, diagnostic invertebrate remains were digitally photographed under the microscope with an electronic eyepiece and retained in small glass vials for further study or examination by insect taxonomists if required.

b. Lause Tasmania has a relatively impoverished sub-set of the insect fauna of south east mainland Australia as well as having relatively fewer large species in the critical Orders and Families involved in mainland fox diets, it was relatively easy to identify the bulk of the material present. Identification was further enhanced due to all the scats having originated from pastoral or pastoral/forest mosaic habitats which tend to have the most studied insect taxa due to a range of species having adapted to these anthropogenically modified habitats and thus acquiring economic significance ¹¹. Specimens were compared to the author's personal reference collection as well as to relevant literature.

RESULTS

Of the 39 specimens examined, 5 were considered not to be mammalian carnivore scats. Of the remaining 34, 14 contained no recognisable insect fragments, 9 contained fragments of minute taxa such as ants and were classed as secondary prey items. In 7 of these exammes the scats contained remains of insectivorous lizards (Family Scincidae), mammals or passerine birds. The remaining 11 scats (33% of the sample) contained readily identificable insect remains.

Beetles (Coleoptera)

Five scats (3675, 5677, 6134, 10311, 11113) contained specimens of Norge beetles (Scarabaeidae, Scarabaeinae). Four of these involved species in the genus Onthophagus (Fig. 1). Scat 11113 (Fig. 25) contained at least two specimens of the large introduced Geotrupes spiniger which is readily identifiable by the brilliant metallic blue coloration of its ventral surface (Fig. 26) One scat (4344) contained the remains to a rad headed pasture cockchafer (Scarabaeidae, Dynastinae) Adoryphorus couloni.

The genus *Onthophagus* occurs throughout Afr. 77, Eurasia and Australia. A range of exotic species were introduced to Australia to affectively bury the dung of cattle ²⁴. Tasmania has two exotic and four native species that are an annual modely distributed throughout core fox habitat in Tasmania ²⁴. None are ender ic and also occur widely in south-eastern Australia ²⁴.

Geotrupes spiniger occurs. Turany in Europe and the middle east and has been successfully introduced to south-easte in Australia including Tasmania²⁴. After a slow start in Tasmania in the late 1980's²⁴ this large beetle is now widespread and locally abundant within the State (pers. obs.).

The scara, be tle A. couloni is widespread in pastoral habitats throughout Tasmania and is contial red a pasture pest¹¹. Large synchronised seasonal flights of adult beetles take place in spring and autumn. This species also occurs on the mainland.

Grasshoppers and crickets (Orthoptera)

Two scats (3675, 6409) contained specimens of the black field cricket *Teleogryllus commodus* (= *Gryllulus servillei* in some earlier literature)(Gryllidae) Scat 6409 consisted entirely of the remains of this cricket. The femur and tibia of the heavily chitonised jumping legs of this species (Fig. 2), head capsules (Fig. 3) and the distinctive ovipositors of the females (fig. 4) are all readily identifiable.

Two scats (5675, 4344) contained specimens of the flightless grasshopper (Acridae) *Phaulacridium vittatum*. Scat 4344 was composed of around 90% of this grasshopper. Again, the femur (Fig. 5) and tibia (Fig. 6) of the powerful rear jumping legs survive the digestive process well and are readily identifiable.

Teleogryllus commodus is widespread in New South Wales, Victoria, South Australia²⁵ and Tasmania¹¹ where it can become a serious pasture pest under some conditions. Adults are active in pastures in Tasmania in late summer/autumn¹¹.

Phaulacridium vittatum is widespread throughout pastoral districts of Tasmania and a so occurs in the south eastern mainland. This species can form high densities during a oub t conditions when adults congregate on patches of green pick in riparian habitats 11.

DISCUSSION

Ecology of Tasmanian insects in scats

The invertebrate remains in the mammalian carnivore's a samples are entirely consistent with large, common invertebrates within the Tasmanian landscape as well as with what is known of fox trophic ecology from mainland Australia. At the insects identified fall into Families and even species known to be favoure by roxes in certain circumstances, usually regional abundance.

All the beetles identified from Tasma, ian fox scats are common and widespread throughout core fox habitat in Tasmania. A of them are specifically abundant in pastoral habitats and some such as A. couloni are of economic significance as pasture pests. In addition, they are all large (10-25mm), display, synchronous mating and or dispersal flights and also gather in large numbers at spatially discrete food sources. The latter characteristic is typical for dung beetles that gather in large numbers at fresh cattle dung. Both A. couloni and G. spiniger display seasonal, synchronous dispersal in both spring and autumn. The autumn activity of G. spiniger in particular, results in a sudden and obvious increase in the presence of this species in catt. quoll and Tasmanian devil scats (pers. obs.). The iridescent blue ventral surface of G. spiniger is very obvious in carnivore scats (Fig. 11). In addition, this species is commonly eaten by foxes in its native Britian²⁶.

The flightless grasshopper *P. vittatum* is common in rural Tasmania and due to a succession of dry winters in recent years has increased to plague proportions in some districts ¹¹. This species can be up to 20mm long and could easily, and energetically cheaply, be captured in large numbers by a foraging fox under such circumstances. The 30mm black field cricket *T. commodus* is widespread and abundant throughout the Tasmanian midlands and reaches very high population densities in some districts in late summer/early autumn. At this very period there is a marked prey switching event among the guild of mammalian carnivores in

these districts with the sudden appearance of cat, quoll and Tasmanian devil scats consisting of 100% black field cricket remains (authors obs.)(Fig. 24). It would be remarkable if local foxes did not also take advantage of such abundant, protein rich resources as they do on the mainland involving the same species of cricket ²¹. Local abundances of this cricket may represent one of the only occasions when spotlight monitoring of foxes in the Tasmanian context may be warranted. These crickets occur in open pasture where any predators taking advantage of them would be easily observed.

In conclusion, all the insects identified from fox scats are consistent with Tasmanian ecosystems. Considering the highly modified, primarily agricultural habitats that the examined scats originated from, it is not surprising that no endemic Tasmanian in and swere identified. Such species tend to be relatively rare and confined to specific g. ogruphic locations and habitat types (eg. wet forests and caves) where foxes are not expected to be found at this stage of their recent incursion into Tasmania. While all the species identified in this study also have wide distributions on the mainland, the important point is that no strictly mainland species were identified. Accusations of hoaxing of scat evidence in Tasmania are persistent from some vocal critics of the FF's. To kring scats in from the mainland and plant them in the Tasmanian landscape would er tail taking the enormous risk that such scats contained easily identifiable remains of a sect taxa that do not occur in Tasmania. A couple of good examples of the ricks involved in such clandestine activities involve scarab beetles that are routinely erien Lyroxes throughout south-east mainland Australia. Christmas beetles (Scarabaeid. e., Lutelmae) in the genus Anoplognathus are commonly eaten by foxes (citations 1-9), pa. + cularly in rural habitats where the larvae of these beetles can be minor pasty, e.pe.'s Only one species occurs in Tasmania (A. suturalis) but over half a dozen in south ear. Australia 22. The dung beetle fauna of the south-east mainland is much larger than Tasmania in both introduced and native species²⁴. One genus (Onitis) in particular is very a tractive to foxes as they are large and abundant in pastoral habitats and can be eaten by foxes in large numbers (Fig. 28). Because foxes tend to eat large, abundant invirts hates such species are usually well known taxonomically and readily identified. The cutho has found no evidence of hoaxing of scats in this study.

Evider ce or non mammalian carnivore 'scats'

Fig. nce suggests that scats 0809 (Fig. 7) and 0814 (Fig. 8) collected by S. Barrow and P. F. Frison on the Woorak property in the northern midlands on the 10/10/2006 are bird pellets. The basis for this conclusion is;

- (1) The morphology of both specimens is very pellet like and they both resemble bird pellets more than they do typical carnivore scats.
- (2) A defining characteristic of carnivore scats as opposed to bird pellets is the presence of considerable amounts of powdery material, as well as fur and bones. Pellets typically contain little or no powdery residue ¹². Both these specimens have no powdery residue.

- (3) Pellet 0809 contains body segments and legs of a large ground weevil (Curculionidae, Amycterinae) in the genus *Phalidura* (Fig. 9). These body segments are intact and show no evidence of tooth damage. One diagnostic feature to differentiate bird pellets from carnivore scats in relation to insect predation is the presence or absence of mastication and tooth damage to insect body parts. Figure 10 is of a corvid pellet consisting almost entirely of the large introduced dung beetle *Geotrupes spiniger*. All the body parts are intact, especially the elytra (wing covers) indicating the insects were swallowed whole as is typical for birds. Figure 11 is a mammalian predate scale composed almost entirely of *G. spiniger* and mastication damage is evident to all segments but is particularly obvious on the elytra. During an extensive radiotelemetric study in Britain ¹³, foxes were observed capturing and entirely insects, especially beetles on numerous occasions. In each case the insects was extrumed captured and the other fox positive scats containing insect rendering.
- (4) Both 'scats' contain two specimens each of the oothec (egg ase) of the praying mantis Orthodera ministralis (Orthoptera, Mantidae) (Fig. 12). These were erroneously identified as pupae by Barbara Trig, s. Tosmania only has two large species of mantid, O. ministralis and the purple winger mantid Tenodera australasiae 23. Both species have very different and distinctive ootheca (for a photograph of the ootheca of Taustra, is see citation 14 and for an illustration of an O. ministralis ootheca see citat on 15, Orthodera ministralis is common and widespread in Tasmania. Females */picz/ly attach the ootheca to tree limbs and trunks well off the ground (F. 13). In urban habitats they are commonly observed attached to walls of hor ses and, aling fences. Not only are these well camouflaged but they are extruded from the females abdomen as a frothy substance along with the eggs. This later because, glueing the ootheca firmly to the substrate. It is difficult to account for these ootheca in terms of fox predation. During an extensive radiotelemetric study in Britian 13 it was observed that foxes located invert orate prey primarily by sound. Foxes were able to detect the faint noises of scarab beathes active in grass up to 10 metres away and to locate and capture ear, hworms in total darkness from rasping of chaetae and the rustling of dead leaves en the substrate. The ootheca of O. ministralis are not only situated arboreally but would not be expected to make any sound. It is far more likely that a keen eyed arboreal predator that had formed a search image for this particular prey was responsible. The most likely suspect is the grey currawong (Strepera fuliginosa). Not only is it common in the locality where the 'scats' originated ¹⁶ but it has a broad diet that includes small rodents (the remains of house mice Mus musculus are present in both 'scats'), reptiles and insects which it actively searches for on the branches and trunks of trees as well as prising up bark and rocks on the ground ¹⁷. In addition, its pellets closely resemble 'scats' 0809 and 0814 (Figs. 14 and 15).

(5) The author has undertaken a thorough literature review on the trophic ecology of the red fox and can find no records of ingested mantid ootheca from anywhere in the world.

Scats 6307 (Fig. 16), 5299 (Fig. 17) and 5304 (Fig. 18) are also highly unusual and do not resemble carnivore scats in either appearance or content. 6307 is entirely consistent with a corvid pellet both in size, shape and contents. In addition it contains no powdery residue. This specimen was collected on top of a fence post some 1.2m off the substrate. It contains sheep wool and barley (Fig. 19). Corvid pellets from rural habitats in Tasmania community contain grains poured on the ground to feed stock (Fig. 20) or corn (Fig. 21) piled on the ground to concentrate pest macropods for shooting and they are commonly clincolated on the tops of fence posts and stumps. In addition, many have a distinctive sall a covered 'tail' (Fig. 21) as observed on 'scat' 6307. Also present in this 'scat' is what a pream to be the ootheca of Tasmania's other large mantid *Tenodera australasiae*. This species attaches it ootheca most commonly to native grass stems and again it would be a most unusual item for a fox to consume. This specimen will be forwarded to mainlay disrecialists for further study.

Scat 5299 appears to be consistent with a macropr a scat and is composed entirely of very small pieces of cropped grass (Fig. 22) with no powdery residue. Barbara Triggs identified two fine macropod hairs in the scat that were not an table for specific identification and these may represent grooming hairs.

Scat 5304 is composed of a mass of cone and dessicated tissue. The bones appear to be entirely frog and possibly some analys. It dividual bones still have adherent muscle and there is no powdery residue. This concert nost resembles some sort of regurgitation of ingested material before it was digested. Togs play a very small role in the diets of foxes, either being entirely absent or rare ditations 1-9 and extensive dietary data summarised in 18). B. Triggs only identified frog skeletal remains in this scat, however the author discovered the terminal portion of a smake tail (Fig. 23) and based on its size it is most probably a sub-adult lowlands coppedies a Austrelaps superbus or tiger snake Notechis scutatus. Both species are comment to oughout Tasmania and both commonly include frogs in the diet, particularly at small body sizes ^{19, 20}. It is now entirely feasible that the frog remains are secondary prey items from an ingested snake.

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FIGURES



Figure 1. Dung beetle Onthophagus sp. From fox positive scat 3675.

Photo. S. Fearn



Figure 2. Hind jumping leg of black field cricket *Telec gryllus* commodus. Photo. S. F varr.



Figure 3. Head capsule of *T. commodus*. Photo. S. Fearn.



Figure 4. Ovipositers of adult female T. commodus.

Photo. S. rearr.



Figure 5. Femur of rear jumping leg of *Phaulacridium vittatum*.

Photo. S. Fearn.



Figure 6. Bright orange tilia of P. victatum.

Photo. . Searn



Figure 7. Fox positive 'scat' 0809. The close resemblance of this specimen to a bird pellet is obvious. Photo. S. Barrow.



Figure 8. Fox positive 'scat' 0814. The close resemblance of this specimen to a bird pellet is obvious. Photo. S. Parrow.



Figure 9. Head, thorax and legs of Amycterine ground weevil. They are all intact with no mastication tooth damage. Photo. S. Fearn.



Figure 10. Corvid pellet from Scottsdale, Tas. Compose a of nearly 100% dung beetle

Geotrupes spiniger. Note intact wing cover on top left of pulet. Photo. S. Fearn.



Figure 11. Scat of unknown mammalian carnivore from Scottsdale, Tas. Composed of 100% dung beetle *Geotrupes spiniger*. Note mastication damage to wing covers on left side of scat. Photo. S. Fearn.



Figure 12. One of two ootheca of the mantid Or Judera ministralis found in 'scat' 0809. Photo. S.Fea n.



Figure 13. Orthodera ministralis ootheca on the limb of an apricot tree

3m off the ground. Photo. S. Fearn.



Figure 14. Grey currawong Strepera fuliginosa pellet. Cam, bril Town, Tas.

Photo. S. Fearn.



Figure 15. Grey currawong *S. fuliginosa* pellet. Campbell Town, Tas.

Photo. S. Fearn.



Figure 16. Fox positive 'scat' 6307. The resen blanc, to a corvid pellet is obvious.

Photo. S. Fean.



Figure 17. Fox positive scat 5299.



Figure 18. Fox positive sca+ 5304



Figure 19. Barley present in fox 'scat' 6307. Photo. S. Fearn.



Figure 20. Corvid pellet on fence post composed aln. 15t entirely of barley husks.

Campbell Town, Ta . Phot ... Fearn.



Figure 21. Corvid pellet on tree stump containing corn used for concentrating macropods in tree plantations for spotlight shooting. Scotsdale, Tas. Note distinctive 'tail' and close resemblance to positive 'scat' 6307.



Figure 22. Grass fragments in positive scat 5299. Note lack of powdery residue typical of carnivore scats. Photo. S. Fearn.



Figure 23. Terminal portion of snake tail in positive scat 5304.

Photo. S. Fearn.



Figure 24. Unknown carnivore scat composed 100% black field cricket remains

*Teleogryllus commod**: Ny chern midlands, Tas.



Figure 25. Legs of Geotrupes spiniger in scat 11113. Photo. S. Fearn



Figure 26. Ventral (left) and dorsal surface of Ger crupes spiniger. Photo. S. Fearn.



Figure 27. Contents of fox stomach from Orange NSW composed of 100% dung beetle (*Onitis* sp.). Photo. S. Fearn.



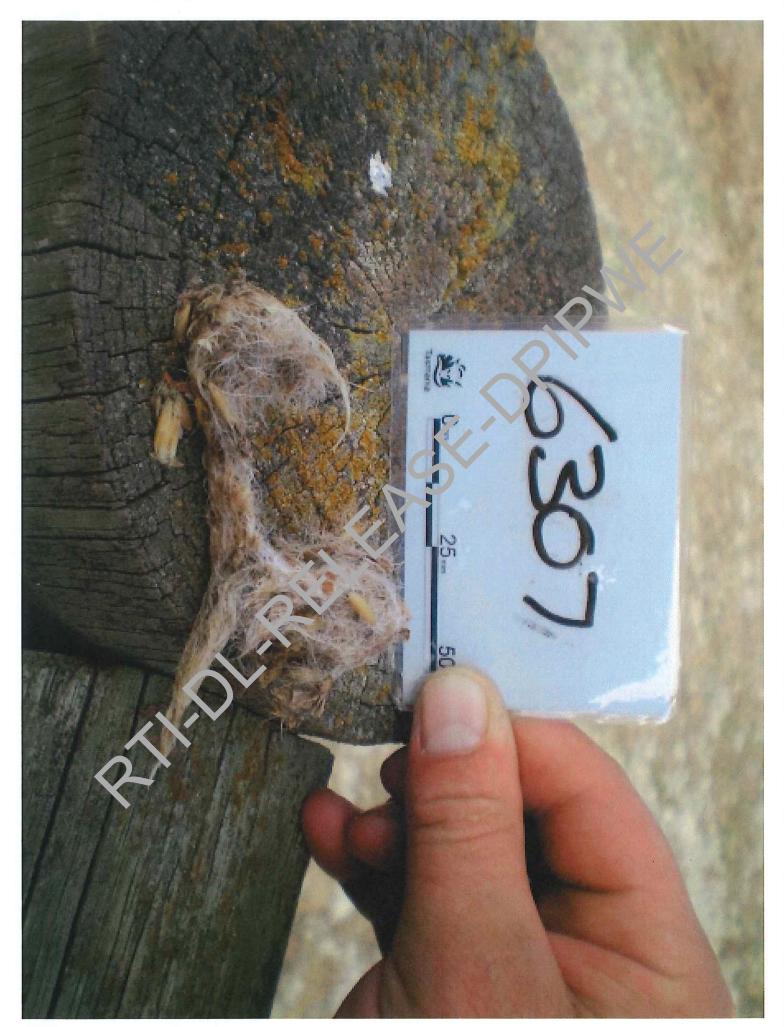
















Assessed by the Department of Pri 5299. 7/5/2008. Spreyton



Assessed by the Department of Pri Bagners.



Assessed by the Department of Pri 5299. Grass Ragnots.









Assessed by the Department of Pri









SUSPECTED BIRD PELLET

Assessed by the Department of Pri
SUSPECTED BIRD PELLET

Assessed by the Department of Pri

SUSPECTED MA

MACROPOD

SCAT

5299

*

100% finely masticated grass

2x macropped hairs.

NON SCAT

REGURGITATION?

SCATS WITH FOX HAIRS PRESENT.

- @ All collected by Reid/Harrison
- 2) All had no identifiable insect remains.
- (3) Scat 6130 collected on 16/12/2008 at Burnie and scat 10309 collected on 16/12/2008 at Bout Harbour appear to be indenticle in composed of sponge from rubber

GENOTYPED SCATS.

Total = 15

- 1) Reid collected or present at all except 10378 collected by McCarty/Barand which contained quall hairs.
- 2) All contained no invites or very lew generic bits and pieces.

