

Australian Wildlife Conservancy

FAURE ISLAND

June 2005

Boodies (*Bettongia lesueur*)

Introduction and Background

Under Translocation Proposals endorsed by the Department of Conservation and Land Management (April 2002), seventeen Boodies (*Bettongia lesueur*), consisting of 8 females and 9 males, were translocated to Faure Island on Friday 21st June 2002. The Boodies were sourced from Heirisson Prong, Shark Bay, Western Australia. This report details information gained during the current report period (Jan-June 2005) and is an addendum to previous reports from November 2002.

Methods

Track Counts

Specific track counts were not recorded during this reporting period as Boodies are now found over the entire Island.

Trapping

Boodies were not targeted by AWC during this reporting period however data collected during targeting trapping for Banded Hare Wallabies, and work done by Felicity Donaldson during this period, is presented.

Table 1. Trapping Effort:- Jan to June 2005

Trap Type	Trap Period	No. of Traps	Nights	Trapping Effort	Comments
Sheffield Traps	11/1 & 12/1	60	2	120	BHW target trapping
Sheffield Traps	14/1	12	1	12	BHW target trapping
Sheffield Traps	3/4, 4/4, 5/4	50	3	150	FD trapping
Sheffield Traps	7/4	20	1	20	FD trapping
Sheffield Traps	3/4	100	1	100	FD trapping
Sheffield Traps	8/4	100	1	100	FD trapping
Sheffield Traps	9/4	150	1	150	FD trapping
Sheffield Traps	10/4	142	1	142	FD trapping
Sheffield Traps	11/4	122	1	122	FD trapping
Sheffield Traps	12/4	112	1	112	FD trapping
Sheffield Traps	13/4	30	1	30	FD trapping
Sheffield Traps	8/5	28	1	28	FD trapping
Sheffield Traps	9/5	56	1	56	FD trapping
Sheffield Traps	10/5	68	1	68	FD trapping
Sheffield Traps	11/5	60	1	60	BHW target trapping
Sheffield Traps	12/5	8	1	8	BHW target trapping
Sheffield Traps	19/5	8	1	8	FD trapping
Sheffield Traps	20/5	16	1	16	FD trapping
Sheffield Traps	23/5	18	1	18	FD trapping
Sheffield Traps	25/5	18	1	18	FD trapping
Sheffield Traps	26/5	90	1	90	BHW target trapping
Sheffield Traps	27/6	90/56	1	146	BHW target trapping/FD trapping

Sheffield Traps	28/6	90	1	90	BHW target trapping
				1644	

*BHW – Banded Hare Wallaby

*FD – Felicity Donaldson

Traps were checked daily at dawn, all animals captured were processed. Processing included ID, weight, pes measurements, sex, pouch, general condition and removal of collars if applicable.

Results

Trapping

A summary of the trapping results is shown in Table 2, and Appendix 1 details all trapping results.

Table 2: Boodie Trapping results July to Dec 2004

Boodies	No.	Sex Ratio
Occasions captured	163	50 females, 113 Males
No. of individuals	84	
Founders	9	4 females, 5 males
New animals	23	9 females, 14 males
Faure Born	46	16 females, 30 males
Re-traps	85	
Unknown/Lost Tags	6	
Trapping Effort	1644	
Trap success-rate	9.9%	

Discussion

As mentioned in the previous report, Boodies have dispersed over the entire island. Both burrows (single entrance) and warrens (multiple entrance) have been recorded.

There was no targeted Boodie trapping during this period although trapping by Felicity Donaldson as part of her PhD research, and targeted trapping for Banded Hare Wallabies, has resulted in the capture of 163 Boodies.

Once again, males were re-trapped much more frequently than females, and on this occasion there were significantly more individual males than females trapped. This bias appeared to be recorded in the new individuals.

Breeding has continued with 23 new animals captured during this reporting period, with a total of 84 individuals trapped. Animals captured were in good to very good condition, with all adult females in breeding condition (ie, embryonic pouch-young and/or lactating teats). Individuals are still being noted with ear infections and growths.

Appendix 1 – Boodies trapped Jan –June 05

Date	Species	N/R	Tag Type	ID	Trovan	Sex	Age	Weight	Pes	Pouch	L ear % scab	R ear % scab	Notes
11/01/2005	Boodie	R/I	F	0154	63BFDE8	M	A						
14/01/2005	Boodie	R/I	F	0005	177AE16	F	A						
14/01/2005	Boodie	U				M	A				60	40	good cond, not retagged L ear

10/04/2005	Boodie	RT	F	0109	63BC13A	M	A												
10/04/2005	Boodie	RT	F	0108	63CO41C	M	A	1360											
10/04/2005	Boodie	RT		L	126948E	M	A												Previously tagged F0012
10/04/2005	Boodie	RT	F	0117	637FDAE	M	A	1410											no collar chaff
10/04/2005	Boodie	RT	F	0120	63BE706	M	A												
10/04/2005	Boodie	U	F	0139		M	A	1440	106.7			25	75						r ear 75% & L ear 25% cauli, 2cm soft lump on R ankle
11/04/2005	Boodie	F	F	0064		F	A	1740		EPY									
11/04/2005	Boodie	F	F	0163	62E5050	F	A	1930	100.7	EMPTY	0	0							
11/04/2005	Boodie	F	F	0036	62E440B	F	A	1840	106	EPY	0	0							
11/04/2005	Boodie	N	F	0186	62E442B	F	A	1500	99.2	LPY	0	0							dna R ear, both ears clean
11/04/2005	Boodie	N	F	0199	62E3438	F	A	1540	98.7	MPY									
11/04/2005	Boodie	N	F	0152	62E5816	F	A	1050	100	EPY	0	0							
11/04/2005	Boodie	N			62EE386	F	LPY	290	80.2	VIR	0	0							dna R ear, both ears clean
11/04/2005	Boodie	N	F	0187	62E616E	F	A	1000	99.4	MPY	0	0							
11/04/2005	Boodie	N	F	0193	62E2D09	M	SA	1060	101.2		0	0							dna L ear, both ears clean
11/04/2005	Boodie	RT	F	0139		M	A												
11/04/2005	Boodie	RT	F	0006	5FDOB7F	F	A												
11/04/2005	Boodie	RT	F	0092	62EF71E	M	A												
11/04/2005	Boodie	RT			62FO768	M	A												
11/04/2005	Boodie	RT	F	0001	1268D21	F	A												
11/04/2005	Boodie	RT		L	126948E	M	A												WAS F12
11/04/2005	Boodie	RT			62E5880	M	A												
11/04/2005	Boodie	RT	F	0018	62E32A1	M	A	1380	100.8										
11/04/2005	Boodie	RT	F	0093	637F3A5	M	A												
11/04/2005	Boodie	RT	F	0101?	63823A6	M	SA												tagged in R
11/04/2005	Boodie	RT	F	0094	62E641D	F	A	1620	97.4	EPY									ear trag removed, sar L in top of L ear
11/04/2005	Boodie	U				M	A	1490	102.7			90	100						L ear 90% scab R ear 100% scab chunk out
11/04/2005	Boodie	U				M	A	1590	107.1			100	100						both ears 100% cauliflower r ear finishes @ a point
11/04/2005	Boodie	U				M	A	1590	110.9										L ear v cut, R ear 2 pts, both ears 50% scarred & scraped
12/04/2005	Boodie	F	F	0065		F	A	1440		EPY									
12/04/2005	Boodie	F	F	0171	62E2B19	M	A		1430			25	75						
12/04/2005	Boodie	F	F	0107	62E464D	F	A		1290	MPY	25	0							new tag L ear
12/04/2005	Boodie	N	F	0123	62F1816	M	A	1590	104.1			0	25						R ear cauli, DNA
12/04/2005	Boodie	RT		0018	62E32A1	M	A												
12/04/2005	Boodie	RT	F	0007		F	A												
12/04/2005	Boodie	RT				M													bad ears
12/04/2005	Boodie	RT				M													bad ears
12/04/2005	Boodie	RT			627DCCA	F	A												
12/04/2005	Boodie	RT				M													bad ears
12/04/2005	Boodie	RT	F	0109		M	A												
12/04/2005	Boodie	RT	F	0108		M	A												
12/04/2005	Boodie	RT	F	0150	62E424F	M	A	1500	102.9										
12/04/2005	Boodie	RT		0094	62E641D	F	A												
12/04/2005	Boodie	RT		0093	637F3A5	M	A												
12/04/2005	Boodie	RT		0092	62EF71E	M	A												
12/04/2005	Boodie	RT	F	0117	637FDAE	M	A												
12/04/2005	Boodie	RT			62F044B	M	A												
12/04/2005	Boodie	RT			62FO768	M	A												
12/04/2005	Boodie	RT		0001	1268D21	F	A												
12/04/2005	Boodie	RT		0006	5FDOB7F	F	A												
12/04/2005	Boodie	RT	F	0119	638094B	M	A												
12/04/2005	Boodie	RT			62E32EF	M	SA												
13/04/2005	Boodie	F	F	0105	62E5A68	F	A	1740	105.3	MPY	0	0							
13/04/2005	Boodie	N	F	0196	62F0E4C	M	SA	1080	100.6			0	0						DNA
13/04/2005	Boodie	RT			638255C	M	A	1610	109.0			25	100						1cm graze

28/05/2005	Boodie	RT	F		6011C64	M	A	1480					was F0013
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