### **IV Vertebrate Fauna**

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#### Introduction

The vertebrate fauna of the Youanmi-Leonora Study Area was documented by intensive sampling around the survey area (YY) on Yuinmery Station. This area was selected to maximise sampling of different landform units (Figure 3) and vegetation associations. Opportunistic sampling was conducted at other locations within the Study Area to provide data for other landform units.

Fenced pit-traps, metal traps and sampling quadrats were used to document the vertebrate fauna at selected sample sites during June 1979, February 1980 and September-October 1981. Some additional vertebrate data were obtained during September 1986 during the vegetation survey. Sampling methods have been detailed by the Biological Surveys Committee (1984) and a comparison of results from the first two periods is included in How *et al.* (1984). Descriptions of vegetation structure, floristics and soils of the faunal sample sites are presented in Appendix I and listed in Table 2.

The first survey period recorded few reptile species (Figure 4) because of reduced seasonal activity during winter. The summer survey recorded the highest number of species and individuals. A few additional species were recorded during the third survey and it appears that further surveys would add more species.

The number of bird species and total number of individuals recorded during each sampling period are presented in Figure 5. Additional species were added during each survey. Figure 6 indicates the number of species and total individuals recorded on the six quadrats. Each shows a steady accumulation during the three study periods, indicating that the recorded assemblages from sample sites are far from complete. This reflects the high degree of nomadism in arid areas.

Representative specimens of most reptile and amphibian species are lodged in the Western Australian Museum and catalogued as R 66043-66071 (May), R 69001-69136 (February) and R 74648-74730 (October). Representative specimens of small mammal species are lodged in the Western Australian Museum as M 17619-17632 (May), M 17780-17824 (February) and M 20216-20239 (October).

### **Amphibians and Reptiles**

Three amphibians and 43 reptile species were recorded from the YY survey areas (Table 3). All species are within their previously known range. The paucity of amphibians is largely due to the lack of large claypans, granite exposures and streams which are important habitat requirements in semi-arid regions.

Two families of lizards are well represented at Yuinmery; 11 species of gecko and 13 skink lizards were recorded. These numbers are only marginally fewer than the number of species recorded from the more diverse vegetation areas at the Mount Jackson and Bungalbin Hill survey areas further south (Dell *et al.* 1985). The more arid assemblage is reflected by the presence of *Diplodactylus strophurus, Nephrurus wheeleri, Caimanops amphiboluroides, Ctenophorus inermis, Ctenotus helenae, Varanus caudolineatus* and

								Site						Fauna	u Survey	
	C:+-	Field	4				Co-	ordina	ates			Site	FP	TL	BQ	OP
	No.	No.	(YY)		L	atitud	le	Lo	ongitu	de	Vegetation	Туре	123	123	123	123
	BREAKA	WAY	(B)									0				XX:
	DUNEFI	ELD	(D)									c	vvv	vvv	vvv	vv
	YL3	M6	R6	<b>B</b> 6	28	31	45	119	14	50	Eucalyptus gongylocarpaLow Woodland	. 5	ллл	ллл	ЛЛЛ	ΛΛ
	SALTLA	KE F	EATU	RE (L	)			•				c	vvv	vvv	vvv	xx
	YL8	M3	R3a	B5	28	33	40	119	05	25	Halosarcia Low Shrubland	3		ΛΛΛ	ллл	
	YL9		R3b		28	33	40	119	05	25	Cassia nemophila Low Shrubland	S	XXX			
	YL6	M4	R4	B4	28	33	25	119	05	30	Eucalyptus striaticalyx Low Woodland	S	XXX	XXX	XXX	XX
	YL7	M5	R5		28	32	,35	119	05	10	Acacia ramulosa Tall Shrubland	S	XXX	XXX.		
,	SANDPI	LAIN	(S)													
•	YL13	M1	Ŕ1	B1	28	32	00	119	05	45	Acacia/Eucalyptus Low Woodland	S	XXX	XXX	XXX	XX.
	CALCAI	REOU	S PLA	AIN (P	)											·
	YL10				28	32	15	119	05	30	Casuarina cristata Low Woodland	0				XX
	YUINM	ERY H	IOME	ESTEA	D28	34	00	119	01	00		0				XX.
	BROAD	VAL	LEY (	/)												
	YL.22	M3	R2	́В3	28	32	15	119	05	30	Acacia aneura Low Woodland	S	XXX	XXX	XXX	XX.
	YL23	M7	R7	B7	28	31	55	119	11	35	Acacia aneura Tall Shrubland	S	XXX	XXX	XXX	XX
	RAMW	ELL	- • •		28	32	45	119	05	35		0				XX
	RICHAR	יציםא	WELL		28	28	30	119	17	15		0				XX
	DEPOT	SPRI	NG		27	56	00	120	05	00		0				XX

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Table 2Fauna Sites of the Yuinmery Survey Area (YY)

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Field No.: M = mammal, R = reptile, B = bird. Site Type: O = other site, S = sample site. Fauna Survey: FP = Fenced pitline, TL = Trapline, BQ = Bird quadrat, OP = Opportunistic sightings. Numbers indicate period of survey: 1 = 1st survey (June 1979), 2 = 2nd survey (February 1980), 3 = 3rd survey October 1981).

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Table 3.Amphibians and reptiles at Yuinmery (YY) survey area indicating number of species and individuals caught in each sample site. The<br/>first figure indicates the number caught in fenced pit lines; the second figure indicates the number caught opportunistically; single<br/>figures indicate opportunistic collecting only. Numbers for the three survey periods are combined. Vegetation types are listed in<br/>Table 1 and described in Appendix I. X indicates additional material collected by D.R. King in September 1986.

LANDFORM UNIT VEGETATION CODE (YL)	B	D 3	L 6	L 7	L 8	L 9	P 10	Р	S 13	V 22	V 23	v	v	v	V
LEPTODACTYLIDAE Neobatrachus centralis N. sutor N. wilsmorei	,		·						2/0 X X						
GEKKONIDAE Diplodactylus assimilis Dedderi	3	1/5								0.11					
D. granariensis rex D. pucher	1	0/3								0/1				3	
D. squarrosus D. strophurus	-		0/1				I		0/3	0/1				4	
Genyra variegata Heteronotia binoei Nephrurus vertebralis	5	4/1	0/12	1/0		1/0	1	2 3	0/3 0/1 3/0		0/2	3	1 1	2	
N. wheeleri wheeleri Rhynchoedura ornata	`	0/2	3/3	1/0		1/1	2		3/0	1/0		1	1		
PYGOPODIDAE Delma butleri Lialia humania		0/2							2/1	0/1					
Pygopus nigriceps		0/1					1		0/2 1/0	0/2					
Caimanops amphiboluroides Ctenophorus inermis		0/2	0/1			2/4			2/0	2/1			3		2
C. reticulatus C. salinarum C. scutulatus				Х	1/0				x		1/3		Ι		
Pogona minor Moloch horridus		3/1	0/1							0/3	0/10				
Tympanocryptis cephala								х			0/1				

### Table 3 (cont).

SCINCIDAE Cryptoblepharus carnabyi Ctenotus atlas C. helenae C. leonhardii C. schomburgkii Farria depressa	2 0	2/1 )/I	0/1 `X				·	2 1	6/0 6/2.	0/5	1/1 3/1 1/7				
Egernia depressa E. inornata Eremiascincus richardsonii Lerista gerrardii L. muelleri Menetia greyii Menetia brekeni	1	/0  /1	0/2 1/1 0/1	0/1	2/1	3/0		۲ ۵	0/4	1/0 0/2	1/1 5/0	1 1	2		
Morethia butteri Tiliqua occipitalis VARANIDAE Varanus caudolineatus V. gouldii V. panoptes V. tristis	0	)/1	X 1/0					2	0/1 1/0	0/1 0/1	0/2	13		1	
TYPHLOPIDAE Ramphotyphlops bituberculatus R. hamatus	•					1/0			·		1/0				
ELAPIDAE Vermicella bertholdi V. semifasciata			0/1			1/0				x					

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V. panoptes at the Yuinmery Study Area but not at the Jackson and Bungalbin Study Areas.

The richest herpetofaunal assemblage was the Acacia aneura/Eucalyptus trivalvis over Triodia basedowii Sandplain site (YL13) with 17 species. The second richest site (with 15 species) was the Eucalyptus striaticalyx Salt Lake Features Site (YL6) on the margins of Lake Noondie. Three other sites each had 13 species; these were the Eucalyptus gongylocarpa Low Woodland on Dunefield (YL3), and the Acacia aneura Low Woodland (YL22) and A. aneura Tall Shrubland (YL23) sites on Broad Valleys.

## Birds

A total of 78 species of bird was recorded during the survey of this Study Area. These comprised 27 non-passerines and 51 passerines. Table 4 lists all species and indicates the number of sightings and total number of individuals in each vegetation type during each survey period. The passerine assemblage was not only richer but it contained more individuals.

A notable feature is the high number of non-passerine individuals compared to elsewhere in the goldfields. At Yuinmery the percentage of the 9 granivores (*Phaps* chalcoptera, Ocyphaps lophotes, Platycercus zonarius, P. varius, Neophema bourkii, Melosittacus undulatus, Nymphicus hollandicus, Cacatua roseicapilla, C. leadbeateri) was 95% of the total non-passerines. The 27 non-passerines included 3533 individuals of which 1976 (or 55:9%) were Cacatua roseicapilla. No single passerine species was as dominant numerically. Three small insectivores, Petroica goodenovii, Smicrornis brevirostris and Acanthiza uropygialis, and two honeyeaters, Manorina flavigula and Acanthagenys rufogularis were the most abundant passerines.

At Yuinmery the irregular often heavy rain may result in prolific grass seeding which provides a rich food resource during ripening and after being shed. Pastoral activity has encouraged this growth of grass at the expense of woody shrubs and trees. Coupled with this are numerous stock drinking troughs which provide permanent drinking water within easy flying distance from food. It is likely, therefore, that the present high number of granivorous non-passerines is partly a result of pastoral activity in the area. Because the highly mobile granivorous non-passerines move between feeding, drinking, roosting and breeding areas they show little preference for specific habitat types. In addition the low number of other non-passerines precludes any comment on correlations between habitat preferences. Table 4 shows that at Yuinmery the *Eucalyptus gongylocarpa* woodland (site YL3), the mallee/spinifex (site YL13) and the *Acacia aneura* shrubland (site YL23) had the highest number of passerine species. The Samphire association (site YL8) had the lowest with only 2 species.

A computer printout of data from the Atlas of Australian Birds during 1977 to 1981 indicates little activity by ornithologists in the Yuinmery area with only 41 species listed in the degree square around YY. Of these species, six were not recorded by us, viz. Vanellus tricolor, Charadrius ruficapillus, Himantopus himantopus, Recurvirostra novaehollandiae, Epthianura aurifrons and Artamus minor. Most of these are nomadic species and would be present after good rains. Our survey of Yuinmery included 78

Table 4.List of birds at Yuinmery survey site indicating numbers seen in each sample site. The intensive study sites (quadrats) are shown in<br/>the first columns followed by opportunistic observations. The first figure indicates the total number of individuals, the second figure<br/>indicates the number of observations. The three survey periods (June 1979, February 1980 and September-October 1981) are<br/>indicated as column 1, 2 and 3 respectively for each sample site. The number of observation days for the quadrat data was 5 and for<br/>the opportunistic data was 7. D = Depot Spring; O = Unspecified sites.

	0114	DRAIS												OPPORIU	NISTIC		
SILLES	Y13	YL6	Y18	1 11 13	Y1,22	Y1.23	YL 3	Y16	Y17	YL8	YLIO	YL13	Y1.22	YI.23	міція	D	U
CASUARIIDAI Dromanos novaehollandiae Emu					x		1					1	1 5 1 2		44 A 14		
ARDEIDAE Ardea pacifica Pacific Heron								<u> </u>								l t	
Ardea novaehollandiae White-faced Heron							<u> </u>										2
ACCIPHERIDAE Aquila auda v Wedge-tailed Lagle							1						4 2			!	2
Aquila morphinoides I utle Lagle							•			<u> </u>							i
Accupiter cirrochephalus Collared Sparrowhawk									<u> </u>	<u> </u>						1	
FALCONIDAL Lako longipennis Australian Hobby				1				1						<u> </u>			
Falco berigora Brown Falcon	λ	×	¢				1						1				3
Falco cenchroides Australian Kestrel											3		33	2			9
OTIDIDAT Ons australis Australian Bustard															22 12		
Phaps chalcopiera Common Bronzewing		1		1			1	1		· ·	1		4		10 3		2
Ocyphaps lophotes Crested Pigeon		3		x					1		10 6 6 4	2	5		1 20 16		11
PSITTACIDAL Platycercus zonarnos Ring-necked Parrot	,	< 10 6 5 5		32	4 2	3 3 2 1	4	10 17	5 3 2		10 10	6 4 3 2	2 18 12 1 6 5		2 3 12 1 2 7	6 2	14
Plaiveereus varius Mulga Parrott	,	· ,	< T	2			41				. 1		2 5			ļ	 
Neophema bourku Bourke's Parrot													2		169 119 15 7	1	
Melopsitiacus undulatus Budgerigar								5• 1							10		<u> </u>
Nymphicus hollandicus Cockanel			1												55		
C <i>acatua rosewapilla</i> Galah	X 1	1 49	3	X 5	7	4 2	X 20 32/ I I6	6 2 1 12 2 1 44			25 35 4 10	19 75 4 12	4 63 2 18	30	6 276 398 1 20 55	200 2	57.
Cacatua leadheateri Major Mitchell's Cockatoo															1		

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# Table 4 (cont).

	QUA	DRAIS				<u> </u>								OPPORI	UNISTIC		
sitis	YI 3	YI 6	118	YL.13	Y1.22	¥1,23	113	Y1.6	YI 7	Y18	¥1 10	YI 13	YI 22	YI 23	MILTS	D	0
CUCULIDAE Cuculus pallulus Pallul Cuckoo	×						1										1
Chrisococcy's basalis Horsfield's Bronze Cuckoo									October 1986		-						
S FRIGIDAE Ninox novaeseelandae Boobook Owl									-				1		1		
POPARGIDAE Podargus strigoides Lawny Frogmouth																	
AEGOTHELIDAE Aegotheles cristatus Australian Owlet-nightjar					22				-							2	<u> </u>
CAPRIMUI GIDAE Eurostopodus argus Spotted Nightjar													6			6	
AI CEDINIDAE Halcron pyrrhopigia Red-rumped Kingfisher	31-						- 1				,						<u> </u>
MEROPIDAE Meropy ornatus Rainbow Bee-cater	×			x	2	x	32	4			•	4	3 11	3	4	1	 
HIRUNDINIDAE Hirundo anel Fairy Martin		x															
Cheramoeca leucosterna White-backed Swallow																	3
MOTACILLIDAE Anthus novaezeelanduae Richard's Pipit			6 2 6 2				,		20	.   .	4				1		6
CAMPEPHAGIDAE Coracina maxima Ground Cuckoo-Shrike										5• 1				2			2
Coracina novaehollandhae Black-faced Cuckoo-shrike	I X	x	I	1	1	!	5					3 1	4 13	4	6	6	7
Lalage sneurii White-winged Triller													1		· · ·		<u> </u>
PACHYCEPHALIDAE Microeca leucophaea Jacky Winter				1													
Petrona goodenovu Red-capped Robin	2 5 2 5			4 3 6 4 3 5	14     9	1 617A 1 6 13			2	. '	2	1, 1 5A	2 1 11	159	10A 7		2
Petronca cucullata Hooded Robin				1 4 1 4					2	,		1	.		·		<u> </u>
Pachycephala rufiventris Rufous Whistler	X 1 1					1 X 5 1 5						I 2 I 2		1 4 5	2		
Colluricincla hai monica Grey Shrike-thrush						1 3	I 5 I 5										

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# Table 4 (cont).

· · · · · · · · · · · · · · · · · · ·	QUA	DRAIS												OPPORIT	INISTIC		
SITES	Y1.3	Y1.6	YL.8	YL.13	Y1.22	YI 23	Y1.3	YI 6	YI 7	YI 8	Y1.10	Y1.13	Y1 22	¥1.23	MILIS	D	0
Oreou a gutturalis Crested Bellbird		x	X 3 3	X	- x x		5 3 4 3	1 2 1 2					5 2 5 2	2 3 2 3			
Psophodes occidentalis Western Wedgebill													4				
MONARCHIDAE Rhipidura leucophris Willy Wagtail				1	8ŀ 7		2   2					t I	4		1 10	 	4
ORTHONYCHIDAE Pomatostomus superciliosus White-browed Babbler					3	6 2								otd nest			
ACAN1HIZIDAE Aphelocephala leucopsis Southern Whitelace	13				15 4	30A 7			3 30			6 I	20 5	10	2A 		10
Genigone Jusca Western Flycater				4								1		-			
Smicroinis brevirostris Weebill	8 28 11 3 10 6	20 11 10 6 5 5		41 7 19 9 2 10		5 7 X 2 3	3 2 t t	13 25 9 5 8 4				12 21 20 5 10 10					1
Acanthiza apicalis Broad-tailed thornbill	6 1			2 1		X X 11/ 5											
Acanthiza robusticostris Slaty-backed Thornbill						5 3											<u> </u>
Acanthiza uropygialis Chestnut-rumped Thornbill	3 23 2 1 8 1			22 15 14 6 6 7	13 3 3E 5 1 1	4 13 18 2 5 6	5					9 4 16 4 2 7	2 13 15E 1 4 8	10 9			<u>1</u>
Acanthiza chrisorrhoa Yellow-rumped Thornbill	4			33							2	3 3					
Pvrrholaemus brunneus Redthroat					•	3 3 2 3		•					2				
Càlamanthus fuliginosus Calamanthus			1 2 I I							3							<u> </u>
MALURIDAE Malurus splendens Splendid Fairy-wren						3 2 1 t											
Malurus lamberti Variegated Fairy-wren	2														ļ,	6	
Malurus leucopterus White-winged Fairy-wren									7 1								-
SYLVIIDAE Cincloramphus cruralis Brown Songlark																	
DAPHOENOSITTIDAE Daphoenositta chrisoptera Australian Sittella												2 					
CLIMACTERIDAE Chmacteris affinis White-browed Tree-creeper		x		1 4		649 336		3			4 1	3 2 5 1 2 5	1	5 6 3 5			
DICAEIDAE Dicaeum hirundinaceum Mistletoebird	t* I			X X 7 5	X 2 3	y 8	1					1 t 2   1 2	2 3 2 2	1		4 3	
PARDALOIIDAE Paradalotus struatus Struated Pardalote	9 3 2 1	1		7 3			25	1 20• 5				1					

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## Table 4 (cont).

	QUA	DRATS								<del></del>	_			OPPORT	UNISTIC			
SITES	YL3	YL6	YL8	YLI3	YL22	YL23	YL3	YI.6	Y1.7	Y1.8	YLIO	YL13	YI 22	YI 23	MUTS			
MELIPHAGIDAE Certhiony & variegatus Pied Honeyeater									October 1986						111111		$\int$	
Phylidom ris albifrons White-fronted Honeyeater							October 1986	<u> </u>	October 1986	<u> </u>				October				
Meliphaga virescens Singing Honeyeater				3 X	X 3 13E 3 11	x			2			1	4 6 10	1980	1	7		
Meliphaga plumula Yellow-fronted Honeyeater	X 3 8 2 5						4 11 9								4			
Manorina flavigida Yellow-throated Miner	4 X I 3 I	46 17 25 6 7 17		2 12 17	x	1	38	38 51 39E			3 10E	2 11 17	6 13 3	2	4 44 13	14	22E	
Acanthagems rulogularis Spiny-cheeked Honeyeater	2 2 I 2			X 2 2	7 4 4E 3 4 3	хі		<u> </u>			1	1E 9	6 28 14	!	3 1	2	6	
Epiluanura incolor Crimson Chat									<u> </u>		· · · ·		0 20 11	· · ·	21		4	
PLOCEIDAE Poephila guttata Zebra Finch									i 16						67 9	46	1	
GRALLINIDAE Grallma cranoleuca Magpie-lark		1 X						1 8					1		4 1	3	1	
ARIAMIDAE Artamus cinereus Black-faced Wood-swallow	7			4 	- x x		5 2		38		4	 	10 7		6	2	20	
Artamus personatus Masked Wood-swallow	x					хх	۰N		<u>\$</u>	· · ·				6 •N	·'-		<u> </u>	
CRACTICIDAE Cracticus torquatus Grey Butcherbird					1 X	x ·x	14				2		3 1	2 2				
Cracticus nigrogularis Pied Butcherbird	x	2 4 3 2 4 2		2	1		4 2	9 11 11		•	2	!	2		·	2	3	
Cracticus tibicen Magpie	х	2 IE 1 1		2			2	1 3.17					1		2	2	2 8	
Strepera versicolor Grey Currawong	I 			·			1								'		4	
PARADISAEIDAE Pulonorhynchus maculatus Western Bowerbird													bower ! I		2		3	
CORVIDAE Corvus orru Australian Crow	I X	x	x	6 4			4   1	3 2 2 2	5	2• !		2 2	!		4	5		
Corvas bennetti Luttle Crow	. 2E . 2	х		4	x		1 3	4 13•			35	3	16	2	8 62 20	,	16	
Corvus coronoides Australian Raven								2							- 14 /			

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I = footprints N = numerous

B = breeding

O = overhead only A = includes adults with young E = nestlings not included in count F = eggs not included in count



Figure 4 Number of reptile and amphibian species and the number of individuals caught at the Yuinmery Study Site. Data are accumulated for the three study periods.

species, 47 of which were not included in the surrounding degree square by the Atlas of Australian Birds.

Few birds were recorded breeding during our surveys. Appendix II lists breeding data for 13 species. Most of these data were obtained in September and October — the only exception was chicks of *Manorina flavigula* in March.

### Mammals

Twenty-two species of mammal from 9 families were recorded from the Yuinmery survey area (Table 5); these comprised 16 native species and 6 exotics.

No previous surveys had been undertaken in the area, and limited records of macropods were the only specimens in museum collections (Kitchener & Vicker 1981).

The area has a diverse array of small dasyurids with six species, four of which are in the genus *Sminthopsis*. This high diversity of dasyurids was the catalyst for further sampling in the area in 1986 (D. King pers. comm.). The observation of *A. laniger* was made whilst floodlighting for bats adjacent to Nine-mile Well.



Figure 5 The cumulative number of bird species and number of individuals recorded for the three study periods at Yuinmery. Data collected on bird quadrats are indicated separately for each study period (1, 2, 3) and combined as quadrat totals. Data collected opportunistically is indicated separately and also combined with quadrat data.

All bat species were collected adjacent to watering points either by mist-netting or shooting. The lack of free standing water during the survey made this an effective sampling approach.

The rodent fauna was neither diverse or abundant. The 1979-81 survey did not record *Notomys mitchellii* at any site, however, in 1986 King (pers. comm.) collected four specimens of this species on a single night at widely dispersed localities. One of these sites, Marble Gum Woodland, had been extensively trapped during the main survey period.

Seasons with average or below average rainfall in the years preceeding the survey probably accounted for the low numbers of individuals recorded in all habitats. Heavy grazing of herbs by sheep and shrubs by goats has also markedly modified the habitat structure of all areas except those distant from wells and bores. Rabbits and both species of kangaroo were recorded in low numbers on all trips.



Figure 6 The accumulation during the three study periods of number of bird species and total number of individuals at each of the six census quadrats at Yuinmery.

Landform Unit:	D	L	L	L	L	Р	S	v	v	Ram	Rich-	20	Trin	Totals		
Sample Site No. (YL):	3	6	7	8	9	10	13	22	23		ards	Mile	M	F	0	*
TACHYGLOSSIDAE																
Tachyglossus aculeatus								Т	Т							
DASYURIDAE																
Antechinomys laniger										0						
Ningaui ridei							2			Ŭ			1	1		2
Sminthopsis crassicaudata			1	3	3								3	•	4	9
S. dolichura	3	3		1			4		4				2	11	2	5
S. hirtipes							2							2	_	3
S. macroura					1								1			
MACROPODIDAE																
Macropus robustus	0								0	0	0					
M. rufus	0		0			0	0	0	0	0	0					
MOLOSSIDAE																
Mormopterus planiceps		I													1	
VESPERTILIONIDAE															·	
Chalinolobus gouldii		2							5	1	5	6	2	10	7	
Eptesicus regulus									ĩ		1	0	4	2	1	
Scotorepens balstoni									3	1	3	2	1	7	1	
Nyctophilus geoffroyi										2	2	7	1	2	8	
MURIDAE											_		•	-	0	
Mus domesticus			2	1									2	r		•
Notomys mitchellii			_	•									4	1		4
Pseudomys hermannsburgensis		1	3				3		3				1	7	2	4
CANIDAE														,	-	
Vulpes vulpes		т		Т	т					0						
BOVIDAE				•	•					U						
Bos taurus										0						
Capra hircus	0	0	0	0	0	0	Ω	Ο	0	0	0					
Ovis aries	Ť	5	5	0	0	0	т	0	т	0	0					
LEPORIDAE							•	v	•	v	U					
Oryctolagus cuniculus		0				٥				0						
						0				0						7

Table 5.Mammals recorded at Yuinmery Survey Area. Tracks are indicated by T and sightings by O. Totals for the three trips (May 1979,<br/>February 1980, October 1981) are indicated and \* refers to captures during September 1986.