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FOURTEENTH RINGING REPORT

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Ringing Organizers

INTRODUCTION

To bring the reporting of South African ringing activities up to date, this report covers the five seasons from 1 July 1963 to 30 June 1968. It also covers an important period for the ringing scheme which has reached its twentieth year of existence and, as will be seen below, has increased in maturity, both in terms of the numbers of birds ringed and in terms of the number of specific and rewarding studies that have been carried out. It is hoped that, with the prospect of proper financing in the near future, the full adulthood of the scheme will be realised and that it will soon achieve an international standing comparable to any scheme in the world.

By decision of the Council, this entire number of *Ostrich* is devoted to the Society's ringing activities: firstly the five-year report and secondly accounts of special studies.

SCHEDULE OF BIRDS RINGED

This section incorporates certain innovations, amongst which is the listing of all species ringed since the inception of the scheme and the production of a grand total for each species.

The number of birds ringed during the five years reviewed (188,396) almost equals the number ringed in the preceding 15 years (216,284). It does seem, however, that under the present organization and with the number of ringers operating, we have nearly reached a ceiling at about 45,000 birds per year, unless new methods of trapping (such as cannon nets) prove successful or unless the recruitment of new ringers improves. More important is that, although the annual total now exceeds 40,000, the number of species ringed is unchanged. It has in fact dropped slightly in 1967-8. This is an indication that more effort is being put into particular studies.

During the period reviewed supporters of the scheme undertook probably the most successful ringing operation ever mounted in Africa, namely the ringing in five years of 70,840 European Swallows *Hirundo rustica*. Apart from this study, heavy ringing programmes have been carried out on the Anatidae, including the Spurwinged Goose *Plectropterus gambensis*, Egyptian Goose *Alopochen aegyptiacus*, Shelduck *Tadorna cana* and Yellowbilled Duck *Anas undulata*. In smaller numbers but just as important has been the ringing of many species of birds of prey, including a study of the Steppe Buzzard *Buteo buteo*. Programmes on the Crowned Guineafowl *Numida meleagris* and Redknobbed Coot *Fulica cristata* have begun to bring in interesting results. The Palearctic waders have been ringed in increasing numbers, particularly the Common Sandpiper *Tringa hypoleucos*, Green Sandpiper *T. ochropus* and Wood Sandpiper *T. glareola*. A special study has been made of the Carmine Bee-eater *Merops nubicoides*. Lastly, several other groups of species have begun to be ringed in numbers and may soon bring in information, e.g. European Sandmartin *Riparia riparia*, Willow Warbler *Phylloscopus trochilus*, the Acrocephalines, the Mozambique Nightjar *Caprimulgus fossi* and the House Sparrow *Passer domesticus*.

Although the amount of ringing done by some official stations is increasing, the vast majority of birds (ca. 90 per cent) are still ringed by amateurs, usually operating through their clubs but sometimes individually. Members of the Witwatersrand Bird Club, who have accounted for nearly 40 per cent of the total birds ringed, must be congratulated. Shown below is the distribution of ringing effort between the clubs and research stations.

<i>Organization</i>	<i>Organizer</i>	<i>No. of birds ringed 1967-8</i>
Witwatersrand Bird Club	A. D. S. Hewitt ...	83,850
Natal Bird Club	W. Lawson ...	22,181
Rhodesian Ornithological Society	D. Jackson, R. Harwin	21,932
Cape Bird Club	G. J. Broekhuysen ...	13,386
Barberspan	P. le S. Milstein ...	11,107
Northern Cape Nature Conservation Society	R. Liversidge ...	10,061
Rondevlei	E. Middlemiss ...	9,396
S.W.A. Scientific Society	H. Kolberg ...	1,684

RECOVERY SECTION

There have been 1,631 recoveries reported in the five-year period under review. Although the Society has no official retrap scheme as yet, certain clubs and diligent individual ringers have started their own systems. Of the data received so far, 159 retrap records have been included in this report on the grounds that either the retrap locality differed significantly from the ringing site or the time elapsed between ringing and retrapping was greater than three years. The 159 retraps include 79 of European Swallows *Hirundo rustica*, a number of which are "controlled" each year in Europe.

The rate of recovery averaged at about 320 per year, which is not quite twice the number (187) recorded in the Thirteenth Ringing Report (McLachlan 1969).

This section retains the form used in previous reports except that the Euring recovery code (see below) has been used for standard methods of recovery. Where additional interesting details are available, these have been included in the "other details" column. All countries outside southern Africa have been printed in heavy black type.

In an attempt to make this section more readable, brief comments have been offered on points of interest emerging from some of the recoveries. In addition, long-distance recoveries have been marked with asterisks (*) and others of interest have been given crosses (†).

The English names throughout have been taken from *Birds of South Africa* (McLachlan & Liversidge 1957) and Latin names from the new *Check List of Birds of South Africa* (Winterbottom 1969).

The report was written from data which, in a few cases, was of poor quality. Any errors or corrections found, should be submitted to the authors for inclusion in corrigenda in a future issue of *Ostrich*.

EURING Recovery Code

- + - shot or killed by man
- × - found dead or dying
- () - caught and not released
- V - caught and released = retrapped
- (?) - manner of recovery unknown
- = - found breeding

Other Symbols

- * - long-distance recoveries
- † - interesting recoveries

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
2	Jackass Penguin <i>Spheniscus demersus</i>	1							1
3	Rockhopper Penguin <i>Eudyptes cristatus</i>	55							55
4	Great-crested Grebe <i>Podiceps cristatus</i>					1		1	1
6	Cape Dabchick <i>P. ruficollis</i>	19	5	4	1		1	11	30
7	Wandering Albatross <i>Diomedea exulans</i>	96							96
8	Black-browed Albatross <i>D. melanophris</i>	94							94
10	Yellow-nosed Albatross <i>D. chlororhynchos</i>	101							101
11	Shy Albatross <i>D. cauta</i>	40							40
12	Sooty Albatross <i>Phoebastria fusca</i>	26							26
13	Giant Petrel <i>Macronectes giganteus</i>	32	2					2	34
14	Cape Pigeon <i>Daption capensis</i>	2							2

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
15	Antarctic Petrel <i>Thalassoica antarctica</i>	1							1
	Broad-billed Prion <i>Pachyptila vittata</i>	22							22
20X	Kerguelen Petrel <i>Pterodroma brevirostris</i>	17							17
23	Cape Hen <i>Procellaria aequinoctialis</i>	148							148
24	Great Grey Shearwater <i>P. cinerea</i>	5							5
25	Great Shearwater <i>Puffinus gravis</i>	301							301
29	Sooty Shearwater <i>P. griseus</i>	2							2
30	Storm Petrel <i>Hydrobates pelagicus</i>	88							88
31	Leach's Storm Petrel <i>Oceanodroma leucorhoa</i>	1							1
32	Madeira Fork-tailed Petrel <i>Oceanodroma castro</i>	5							5
33	Wilson's Storm Petrel <i>Oceanites oceanicus</i>	52							52

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
59	Little Egret <i>Egretta garzetta</i>	651	24	45	10	5		84	735
60	Yellow-billed Egret <i>Mesophyx intermedius</i>	797	8	35	4	3	7	57	854
61	Cattle Egret <i>Bubulcus ibis</i>	22,676	247	4,754	202	72	732	6,007	28,683
62	Squacco Heron <i>Ardeola ralloides</i>	5	4		1	1	4	10	15
63	Green-backed Heron <i>Butorides striatus</i>		5	3	1		3	12	12
64	Black Heron <i>Egretta ardesiaca</i>	1							1
65	Rufous Heron <i>Erythrocnus rufiventris</i>	1	2		22			24	25
66	Dwarf Bittern <i>Ardeirallus sturnii</i>			1				1	1
67	Little Bittern <i>Ixobrychus minutus</i>	3	3	8	3	3	1	18	21
69	Night Heron <i>Nycticorax nycticorax</i>	819	25	27	7	6		65	884
70	White-backed Night Heron <i>N. leucorotus</i>	3	3					3	6

71	Bittern <i>Botaurus stellaris</i>	2																		2	
72	Hammerkop <i>Scopus umbretta</i>	25	4	1															3	8	33
73	Marabou Stork <i>Leptoptilos crumeniferus</i>	1								1	2									3	4
75	Saddle-billed Stork <i>Ephippiorhynchus senegalensis</i>	8																			8
76	Wood Ibis <i>Ibis ibis</i>	1																			1
77	Woolly-necked Stork <i>Dissoura episcopus</i>			1																1	1
78	Abdim's Stork <i>Sphenorhynchus abdimii</i>	1	41	11						13	22								7	94	95
79	Black Stork <i>Ciconia nigra</i>	4	1							5	4								3	13	17
80	White Stork <i>C. ciconia</i>	5								1	1								3	5	10
81	Sacred Ibis <i>Threskiornis aethiopicus</i>	6,747	1,224	216						8	9								197	1,654	8,401
83	Glossy Ibis <i>Plegadis falcinellus</i>	114		17																17	131
84	Hadedah <i>Bostrychia hagedash</i>	15	1																4	5	20
85	African Spoonbill <i>Platalea alba</i>	673	36	5						1	3								3	48	721

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
86	Greater Flamingo <i>Phoenicopterus ruber</i>	71	7	4		1		12	83
87	Lesser Flamingo <i>P. minor</i>	2	29	2				31	33
88	Spurwing Goose <i>Plectropterus gambensis</i>	231	90	968	544		37	1,639	1,870
89	Egyptian Goose <i>Alopochen aegyptiacus</i>	304	643	2,358	1,385	305	98	4,789	5,093
90	Shelduck <i>Tadorna cana</i>	2,156	674	2,679	779	149	113	4,394	6,550
91	Knob-billed Duck <i>Sarkidiornis melanotos</i>	6	3	54	53	49	109	268	274
92	African Pygmy Goose <i>Nettapus auritus</i>	1	14	30	1			45	46
94	Cape Shoveller <i>Spatula capensis</i>	387	18	17	6		1	42	429
95	Black Duck <i>Anas sparsa</i>	11	1					1	12
96	Yellow-billed Duck <i>A. undulata</i>	8,537	724	838	252	216	8,597	10,627	19,164
97	Red-billed Teal <i>A. erythrorhyncha</i>	1,836	153	245	100	100	380	978	2,814

98	Cape Wigeon <i>A. capensis</i>	345	35	20	8	12	3	78	423
99	Hottentot Teal <i>A. punctata</i>	47	35	9	2	3	1	50	97
100	White-faced Duck <i>Dendrocygna viduata</i>	8	1	1	4	1		7	15
102	Southern Pochard <i>Netta erythrophthalma</i>	519	16	5	1	2	880	904	1,423
103	Maccoa Duck <i>Oxyura Maccoa</i>	7							7
104	White-backed Duck <i>Thalassornis leucomotus</i>	1	6	6			11	23	24
105	Secretary Bird <i>Sagittarius serpentarius</i>	22		2	4	2	8	16	38
106	Cape Vulture <i>Gyps coprotheres</i>	1,517	159	103	6	138	165	571	2,088
107	White-backed Vulture <i>G. africanus</i>	3	2		2	18	19	41	44
108	Lappet-faced Vulture <i>Aegypius tracheliotus</i>				1	1		2	2
109	White-headed Vulture <i>A. occipitalis</i>			1	3	1	3	8	8
110	Hooded Vulture <i>Neophron monachus</i>		1		2	1		4	4
112	Palm-nut Vulture <i>Gypohierax angolensis</i>					1		1	1

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113	Peregrine Falcon <i>Falco peregrinus</i>	1							1
114	Lanner Falcon <i>F. biarmicus</i>	7	4				10	14	21
115	Hobby <i>F. subbuteo</i>				1			1	1
117	Red-necked Falcon <i>F. chiquera</i>	3							3
119	Red-footed Kestrel <i>F. amurensis</i>	1							1
121	Dickinson's Kestrel <i>F. dickinsonii</i>						1	1	1
122	Greater Kestrel <i>F. rupicoloides</i>	85	10	7	4	3	7	31	116
123	Rock Kestrel <i>F. tinnunculus</i>	30	1	1	1	1	2	6	36
125	Lesser Kestrel <i>F. naumanni</i>	11		3				3	14
128	Black Kite <i>Milvus migrans</i>	2	1	1				2	4
129	Yellow-billed Kite <i>Milvus migrans parasitus</i>	59				2	2	4	63

130	Black-shouldered Kite <i>Elanus caeruleus</i>	117	1	1	3	3	9	17	134
131	Bat Hawk <i>Macheirhamphus alcinus</i>	1	1					1	2
133	Black Eagle <i>Aquila verreauxi</i>	8		4	8	7	16	35	43
134	Tawny Eagle <i>A. rapax</i>	1	1	4		6	24	35	36
136	Lesser Spotted Eagle <i>A. pomarina</i>						1	1	1
137	Wahlberg's Eagle <i>A. wahlbergi</i>	12	7	1	1	6	11	26	38
138	Long-crested Hawk-Eagle <i>Lophoctes occipitalis</i>	1							1
139	Booted Eagle <i>A. pennata</i>	2	1				1	2	4
140	Ayre's Hawk Eagle <i>A. dubia</i>	1		1				1	2
141	African Hawk-eagle <i>A. fasciata</i>	4	1	3	1	1	12	18	22
142	Martial Eagle <i>Polemaetus bellicosus</i>	3		2		1	26	29	32
143	Crowned Eagle <i>P. coronatus</i>	5					1	1	6
144	Lizzard Buzzard <i>Kaupifalco monogrammicus</i>	11	3	2	4	1	5	15	26

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
145	Brown Snake-Eagle <i>Circaetus cinereus</i>	1	1				2	3	4
146	Black-breasted Snake-Eagle <i>Circaetus pectoralis</i>	4	6	5		1		12	16
149	Fish Eagle <i>Haliaeetus vocifer</i>	4		1	2	1	2	6	10
151	Bateleur <i>Terathopius ecaudatus</i>	2		1	7	5	13	26	28
152	Jackal Buzzard <i>Buteo rufofuscus</i>	2	3	1	4	4	3	15	17
154	Steppe Buzzard <i>B. buteo</i>	35	1			42	177	220	255
156	Red-breasted Sparrowhawk <i>Accipiter rupiventris</i>	4							4
157	Ovambo Sparrowhawk <i>A. ovambensis</i>		1					1	1
158	Little Sparrowhawk <i>A. minullus</i>	3		2	2	1		5	8
159	Black Goshawk <i>A. melanoleucus</i>	22	2			2		4	26
160	African Goshawk <i>A. tachiro</i>	3	3			2	3	8	11

161	Little Banded Goshawk <i>A. badius</i>	11	1				6	7	18
162	Gaber Goshawk <i>Melierax gabar</i>	16	3				1	4	20
163	Dark Chanting Goshawk <i>M. metabates</i>					1	17	18	18
165	Chanting Goshawk <i>M. musicus</i>	7		4	4		4	12	19
167	African Marsh Harrier <i>Circus ranivorus</i>	50		2				2	52
171	Banded Harrier Hawk <i>Polyboroides radiatus</i>	1							1
173	Coqui Francolin <i>Francolinus coqui</i>	26							26
177	Shelly's Francolin <i>F. shelli</i>	2	1					1	3
178	Redwing Francolin <i>F. levallantii</i>	3							3
179	Orange River Francolin <i>F. levallantoides</i>		1					1	1
181	Cape Francolin <i>F. capensis</i>	81	2		1			14	95
183	Natal Francolin <i>F. natalensis</i>	2			1		1	2	4
185	Swainson's Francolin <i>F. swainsonii</i>	22		3	1		9	17	39

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188	Red-necked Francolin <i>F. afer</i>	3					1	1	4
189	African Quail <i>Coturnix coturnix</i>	13							13
	Hildebrandt's Francolin <i>F. hildebrandti</i>		1					1	1
190	Harlequin Quail <i>Coturnix delegorguei</i>	31	26	26		9	26	87	118
192	Crowned Guinea-fowl <i>Numida meleagris</i>	226	58	36	45	259	1,387	1,785	2,011
196	Kurrichane Button Quail <i>Turnix sylvatica</i>	2	1	1		6	2	10	12
197	Cape Rail <i>Rallus caerulescens</i>	2	1			2		3	5
198	Corn Crake <i>Crex crex</i>	4	1	1				2	6
199	African Crake <i>C. egregia</i>						1	1	1
203	Black Crake <i>Limnocorax flavirostris</i>	12	3	4	5	2		14	26
208	Purple Gallinule <i>Porphyrio porphyrio</i>	167	19	14	6		3	42	209

209	Lesser Gallinule <i>P. alleni</i>			1	3	1	1	1	6	6
210	Common Moorhen <i>Gallinula chloropus</i>	291	26	29	15	1	2	73	364	
211	Lesser Moorhen <i>G. angulata</i>	4	12	3	1			16	20	
212	Red-knobbed Coot <i>Fulica cristata</i>	3,680	4,493	424	295	196	1,463	6,871	10,551	
214	Crowned Crane <i>Balearica pavonina</i>			1				1	1	
216	Blue Crane <i>Anthropoides paradisea</i>			2			3	5	5	
217	Kori Bustard <i>Otis kori</i>	1							1	
223	Blue Korhaan <i>Eupodotis cafra</i>			2		2	2	6	6	
225	Black Korhaan <i>E. afra</i>	4	2	5			2	9	13	
see 876	Sheathbill <i>Chionis minor</i>									
228	African Jacana <i>Actophilornis africanus</i>	76	43	42	12	6		103	179	
229	Lesser Jacana <i>Microparra capensis</i>	1	17	4	11			32	33	
230	Painted Snipe <i>Rostratula benghalensis</i>	28	45	15	20	13	13	106	134	

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231	Black Oystercatcher <i>Haematopus moquini</i>	4		1				1	5
232	Turnstone <i>Arenaria interpres</i>	7				5		5	12
233	Ringed Plover <i>Charadrius hiaticula</i>	168	11	6	2	3	15	37	205
235	White-fronted Sandplover <i>C. marginatus</i>	328	26	7	6	23	31	93	421
236	Chestnut-banded Plover <i>C. pallidus</i>	12	2	3		11	11	27	39
237	Kittlitz's Sandplover <i>C. pecuarius</i>	1,401	271	104	19	27	146	567	1,968
238	Three-banded Sandplover <i>C. tricoloris</i>	369	142	116	54	162	148	622	991
	Little Ringed Plover <i>C. dubius</i>	7							7
	Forbes' Plover <i>C. forbesi</i>		7					7	7
240	Caspian Plover <i>C. asiaticus</i>	1	2	7			1	10	11
241	Grey plover <i>Pluvialis squatarola</i>					1		1	1

242	Crowned Plover <i>Vanellus coronatus</i>	57	5	8	2	28	43	100
243	Black-winged Plover <i>V. melanopterus</i>				2	16	18	18
244	Lesser Black-winged Plover <i>V. lugubris</i>	3						3
245	Blacksmith Plover <i>V. armatus</i>	220	65	49	41	22	27	204
246	White-crowned Plover <i>V. albiceps</i>				8		8	8
247	Wattled Plover <i>V. senegallus</i>	7	4	2	4		10	17
248	Long-toed Plover <i>V. crassirostris</i>				3		3	3
249	Great Snipe <i>Gallinago media</i>	1	2		2		4	5
250	Ethiopian Snipe <i>G. nigripennis</i>	50	48	2	16	2	68	118
	Common Snipe <i>Capella gallinago</i>		2		1	1	4	4
251	Curlew Sandpiper <i>Calidris ferruginea</i>	1,495	113	73	14	46	53	299
253	Little Stint <i>C. ruficollis</i>	4,979	338	311	144	151	98	1,042
see 877	Southern Dunlin <i>C. alpina</i>							

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255	Sanderling <i>C. alba</i>	1				1		1	2
256	Ruff <i>Philomachus pugnax</i>	100	70	13	11	83	56	233	333
257	Terek Sandpiper <i>Tringa terek</i>	3				7		7	10
258	Common Sandpiper <i>T. hypoleucos</i>	227	57	83	49	91	32	312	539
259	Green Sandpiper <i>T. ochropus</i>	2	3					3	5
262	Marsh Sandpiper <i>T. stagnitilis</i>	54	2	1	1	1	5	10	64
263	Greenshank <i>T. nebularia</i>	6	8	5	5	1	1	20	26
264	Wood Sandpiper <i>T. glareola</i>	117	145	47	83	114	106	495	612
267	Curlew <i>Numenius arquata</i>	2							2
268	Whimbrel <i>N. phaeopus</i>	5		1				1	6
269	Avocet <i>Recurvirostra avosetta</i>	11				10		10	21

270	Black-winged Stilt <i>Himantopus himantopus</i>	75	2	2	2			8	12	87
274	Water Dikkop <i>Burhinus vermiculatus</i>	47	1	5	37	5			48	95
275	Cape Dikkop <i>B. capensis</i>	39	7	5	7	1		32	52	91
276	Burchell's Courser <i>Cursorius rufus</i>		2						2	2
277	Temminch's Courser <i>C. temminckii</i>	3	5	3		1			9	12
278	Double-banded Courser <i>Rhinoptilus africanus</i>	3	1	3	1	11			16	19
280	Bronze-winged Courser <i>R. chalconotus</i>	5	2	2	8	16		1	29	34
281	Pratincole <i>Glareola pratincola</i>		6	24		7			37	37
283	White-collared Pratincole <i>G. nuchalis</i>	1								1
286	Antarctic Skua <i>Catharacta antarctica</i>	86								86
287	Black-backed Gull <i>Larus fuscus</i>	204	772	2				82	856	1,060
288	Grey-headed Gull <i>L. cirrocephalus</i>	1,429	280	437	76			209	1,002	2,431
289	Hartlaub's Gull <i>L. novaehollandiae</i>	454	64	100	138	51		156	509	963

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290	Caspian Tern <i>Hydroprogne caspia</i>	8							8
291	Common Tern <i>Sterna hirundo</i>	24	10			2	5	17	41
294	Arctic Tern <i>S. paradisaea</i>	6					1	1	7
295	Sooty Tern <i>S. fuscata</i>	2							2
296	Sandwich Tern <i>S. sandvicensis</i>	11							11
303	Black Tern <i>Chlidonias nigra</i>			1				1	1
304	White-winged Black Tern <i>C. leucoptera</i>	16	1	1	1			3	19
305	Whiskered Tern <i>C. hybrida</i>	1	24	18	7	26		75	76
	White Tern <i>Gygis alba</i>	7							7
306	African Skimmer <i>Rynchops flavirostris</i>	1	1	14	3			18	19
307	Namaqua Sandgrouse <i>Pterocles namaqua</i>	2	4			5		9	11

308	Spotted Sandgrouse <i>P. burchelli</i>								1	1	1	1
310	Double-banded Sandgrouse <i>P. bicinctus</i>			165	23					188		188
311	Rock Pigeon <i>Columba guinea</i>	73	12	59	39	15				171		244
314	Red-eyed Dove <i>Streptopelia semitorquata</i>	29	5	2	1	122	182			312		341
316	Cape Turtle Dove <i>S. capicola</i>	2,453	88	83	97	121	348			737		3,190
317	Laughing Dove <i>S. senegalensis</i>	3,442	842	1,359	1,113	901	931			5,146		8,588
318	Namaqua Dove <i>Oena capensis</i>	36	16	39	10	42	29			136		172
319	Tambourine Dove <i>Turtur tympanistria</i>	11	5	19	7	18	31			80		91
320	Blue-spotted Dove <i>T. afer</i>		1			1				2		2
321	Emerald-spotted Dove <i>T. chalcospilos</i>	13	5	4	5	16	6			36		49
322	Cinnamon Dove <i>Aplopelia larvata</i>	1					1			1		2
330	Rosy-faced Lovebird <i>Agapornis roseicollis</i>			5						5		5
332	Lillians Lovebird <i>A. lilliana</i>					1				1		1

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
336	Knysna Loerie <i>Turdus corythaix</i>	1							1
339	Grey Loerie <i>Corythaixoides concolor</i>	5		1				1	6
343	Red-chested Cuckoo <i>Cuculus solitarius</i>	24		1			1	2	26
344	Black Cuckoo <i>Cuculus clamosus</i>			1				1	1
346	Great Spotted Cuckoo <i>Clamator glandarius</i>	2							2
348	Jacobin Cuckoo <i>C. jacobinus</i>	4		2		2		4	8
350	Emerald Cuckoo <i>Chryococcyx cupreus</i>	1					1	1	2
351	Klaas' Cuckoo <i>C. Klaas</i>	1	1		1		2	4	5
352	Diederick Cuckoo <i>C. caprius</i>	182	8	11	6	12	11	48	230
355	Senegal Coucal <i>Centropus senegalensis</i>		2					2	2
356	Burchell's Coucal <i>C. superciliosus</i>	48	3	17	1	2	5	28	76

		141	1	4	10	44	20	79	220
359	Barn Owl <i>Tyto alba</i>								
360	Grass Owl <i>T. capensis</i>	88	1	1			4	6	94
361	Marsh Owl <i>Asio capensis</i>	23	2	4	3	3	3	15	38
362	Wood Owl <i>Ciccaba woodfordii</i>	3							3
363	African Scops Owl <i>Otus scops</i>		1	1	1			3	3
364	White-faced Owlet <i>O. leucotis</i>	24				1		1	25
365	Pearl-spotted Owlet <i>Glaucidium perlatum</i>					2	3	5	5
366	Barred Owlet <i>G. capense</i>					2		2	2
368	Spotted Eagle Owl <i>Bubo africanus</i>	80	6	13	16	11	8	54	134
369	Giant Eagle Owl <i>B. lacteus</i>	2		1			7	8	10
370	African Fishing Owl <i>Scotopelia peli</i>				1			1	1
371	European Nightjar <i>Caprimulgus europaeus</i>	5		3			9	12	17
372	Fufous-checked Nightjar <i>C. rufigena</i>	27	1	1	7	2	3	14	41

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
373	S. African Nightjar <i>C. pectoralis</i>	50	17	8	19	2	11	57	107
374	Freckled Nightjar <i>C. tristigma</i>			6	1			7	7
375	Natal Nightjar <i>C. natalensis</i>	1		1				1	2
376	Mozambique Nightjar <i>C. fossii</i>	27	96	79	47	9	10	241	268
377	Pennant-winged Nightjar <i>Macrodipteryx vexillarius</i>	86	55	39	54	5	41	194	280
378	European Swift <i>Apus apus</i>	1							1
380	Black Swift <i>A. barbatus</i>	275	1	29	27	4	1	62	337
383	White-rumped Swift <i>A. caffer</i>	614	58	61	74	119	40	352	966
384	Horus Swift <i>A. horus</i>	303	247	121	102	93	22	585	888
385	Little Swift <i>A. affinis</i>	1,142	25	34		51	8	118	1,260
386	Alpine Swift <i>A. melba</i>			1				1	1

		10	2	8		10	20
387	Palm Swift <i>Cypsiurus parvus</i>						
388	Mottled Spinetail <i>Chaetura ussheri</i>			4		4	4
389	Boehm's Spinetail <i>C. boehmi</i>	1					1
390	Speckled Mousebird <i>Colius striatus</i>	160	6	45	8	10	260
391	White-backed Mousebird <i>C. colius</i>	61	3	1	27	11	119
392	Red-faced Mousebird <i>C. indicus</i>	121	48	61	55	66	447
394	Pied Kingfisher <i>Ceryle rufidis</i>	14	16	5	13	1	49
395	Giant Kingfisher <i>C. maxima</i>	3	1	1	4		9
396	Half-collared Kingfisher <i>Alcedo semitorquata</i>	19	2		8	1	30
	Shining Blue Kingfisher <i>A. quadribrachys</i>				4	3	7
397	Malachite Kingfisher <i>A. cristata</i>	38	39	27	35	17	198
398	Natal Kingfisher <i>Ispidina picta</i>	28	11	17	11	16	95
399	Angola Kingfisher <i>Halcyon senegalensis</i>	3	2		3	1	9

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
401	Greyhooded Kingfisher <i>H. leucocephalus</i>	4			1	7		8	12
402	Brown-hooded Kingfisher <i>H. albiventris</i>	69	18	20	25	21	9	93	162
403	Striped Kingfisher <i>H. chelicuti</i>	2	1		1	1		3	5
404	European Bee-eater <i>Mecrops aptaster</i>	136	8	2	5	3	3	21	157
406	Blue-cheeked Bee-eater <i>M. superciliosus persicus</i>			53		1		54	54
407	Carmine Bee-eater <i>M. nubicoides</i>	29	206	99	610	195	109	1,219	1,248
408	Boehm's Bee-eater <i>M. boehmi</i>	6							6
409	White-fronted Bee-eater <i>M. bullockoides</i>	203	33	45	50	44	35	207	410
410	Little Bee-eater <i>M. pusillus</i>	19	6	3	2	12	26	49	68
411	Swallow-tailed Bee-eater <i>M. hirundineus</i>		5		2			7	7
412	European Roller <i>Coracias garrulus</i>				1		1	2	2

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413	Lilac-breasted Roller <i>C. caudata</i>	1	1	3	1	5	6
415	Purple Roller <i>C. naevia</i>		1		1	2	2
417	Broad-billed Roller <i>Eurystomus glaucurus</i>	9		2	1	3	12
418	African Hoopoe <i>Upupa epops africana</i>	78	16	8	23	14	66
419	Redbilled Hoopoe <i>Phoeniculus purpureus</i>	6	5	2		1	8
421	Scimitar-billed Hoopoe <i>Rhinoponastus cyanomelas</i>			1	6	7	7
424	Grey-hornbill <i>Tockus nasutus</i>			1		8	9
425	Red-billed Hornbill <i>T. erythrorhynchus</i>			2			2
426	Yellow-billed Hornbill <i>T. flavirostris</i>	8			1	16	17
427	Crowned Hornbill <i>T. alboterminatus</i>	1					1
430	Ground Hornbill <i>Bucorvus leadbeateri</i>					1	1
431	Black-collared Barbet <i>Lybius torquatus</i>	41	14	23	13	20	19
432	Pied Barbet <i>L. leucomelas</i>	44	25	26	8	49	15
						123	167

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
434	Yellow-fronted Barbet <i>Stractolaema whytii</i>		4	4	2	5	2	17	17
436	Red-fronted Tinker Barbet <i>Pogoniulus pusillus</i>	1				1	5	6	7
437	Yellow-fronted Tinker Barbet <i>P. chrysoconus</i>	5	4	1		6	3	14	19
438	Golden-rumped Tinker Barbet <i>P. bilineatus</i>	7	7	13		5	31	56	63
439	Crested Barbet <i>Trachyphonus vaillaninii</i>	77	29	30	29	21	39	148	225
440	Greater Honeyguide <i>Indicator indicator</i>	39	3			3	4	10	49
441	Scaly-throated Honeyguide <i>I. variegatus</i>	2					2	2	4
442	Lesser Honeyguide <i>Indicator minor</i>	46	2	10	7	3	14	36	82
443	Sharp-billed Honeyguide <i>Prodotiscus regulus</i>				2			2	2
445	Ground Woodpecker <i>Geocolaptes olivaceus</i>	8		2		1		3	11
446	Bennet's Woodpecker <i>Campethera bennettii</i>		1		1	1	1	4	4

447	Golden-tailed Woodpecker <i>C. abingoni</i>	1					1			1		2
449	Little-spotted Woodpecker <i>C. cailliantii</i>		1							1		1
450	Cardinal Woodpecker <i>Dendropicos fuscescens</i>	3				2	2			6		9
452	Olive Woodpecker <i>Mesopicos griseocephalus</i>						1			2		2
453	Red-breasted Wryneck <i>Jynx ruficollis</i>	26	2	1		4	2			11		37
454	African Broadbill <i>Smithornis capensis</i>					1				1		1
455	African Pitta <i>Pitta angolensis</i>		2				1			3		3
456	Singing Bush Lark <i>Mirafra cheniana</i>						3			3		3
458	Rufous-naped Lark <i>M. africana</i>	6	1	5		1	2			10		16
460	Sabota Lark <i>M. sabota</i>					2	24			31		31
463	Thick-billed Lark <i>Calendula maguirostris</i>	2										2
468	Flappet Lark <i>Mirafra rufocinnamomea</i>					1				1		1
474	Spike-heeled Lark <i>Certhilauda albofasciata</i>		9	6			1			16		16

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
475	Long-billed Lark <i>C. curvirostris</i>	3							3
484	Chestnut-backed Finch Lark <i>Eremopterix leucotis</i>		43					43	43
485	Grey-backed Finch Lark <i>E. verticalis</i>			3				3	3
488	Red-capped Lark <i>Calandrella cinerea</i>	29	7	14	37	2	3	63	92
490	Pink-billed Lark <i>C. conirostris</i>	3							3
493	European Swallow <i>Hirundo rustica</i>	4,620	1,097	5,658	25,912	24,548	13,625	70,840	75,460
495	White-throated Swallow <i>H. albigularis</i> .	888	31	31	69	73	88	292	1,180
496	Wire-tailed Swallow <i>H. smithii</i>	25	8	7	8	4	3	30	55
497	Blue Swallow <i>H. atrocaerulea</i>	7							7
498	Pearl-breasted Swallow <i>H. dimidiata</i>	63	3	1	4	24	14	46	109
499	Grey-rumped Swallow <i>H. griseopyga</i>	10	6	64	61	1		132	142

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			3		1	1	1	4
500	Mosque Swallow <i>H. senegalensis</i>							
501	Red-breasted Swallow <i>H. semirufa</i>		800	73	46	6	38	7
502	Larger-striped Swallow <i>Hirundo cucullata</i>		2,068	129	83	67	109	84
503	Lesser-striped Swallow <i>H. abyssinica</i>		828	80	40	155	376	88
504A	Cliff Swallow <i>H. spilodera</i>		11,794	48	504	444	2	865
B	Angolan Cliff Swallow <i>H. s. rufigula</i>			24	8			
506	Rock Martin <i>H. rupestris</i>		91	3	159	235	93	90
	Angola Swallow <i>H. angolensis</i>		10					
507	House Martin <i>Delichon urbica</i>		37	3	23	7	1	4
508	European Sandmartin <i>Riparia riparia</i>		37	5	153	164	115	54
509	African Sandmartin <i>R. pallidicola</i>		984	25	111	107	67	43
510	Banded Sandmartin <i>R. cincta</i>		72	13	90	259	67	160
511	Black Saw-winged Swallow <i>Psalidoprocne pristoptera</i>		1	1	3	7	11	2

25

24

2

11

7

3

1

90

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
512	East African Saw-winged Swallow <i>P. pristopectera orientalis</i>	1			2			2	3
513	Black Cuckoo-shrike <i>Campephaga phoenicea</i>	1		1		1		2	3
515	White-breasted Cuckoo-shrike <i>C. pectoralis</i>	1							1
517	Fork-tailed Drongo <i>Dicrurus adsimilis</i>	27	15	4	11	22	9	61	88
518	Square-tailed Drongo <i>Dicrurus ludwigii</i>			1				1	1
519	Golden Oriole <i>Oriolus oriolus</i>	4		2	2	1	1	6	10
520	African Golden Oriole <i>O. auratus</i>				1	1		2	2
521	Black-headed Oriole <i>O. larvatus</i>	1	6	8	8		3	25	26
522	Pied Crow <i>Corvus albus</i>	37	7	9	3	1		20	57
523	Black Crow <i>C. capensis</i>	11	5	1	2			8	19
524	Cape Raven <i>C. albicollis</i>	9							9

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
546	Terrestrial Bulbul <i>Phyllastrephus terrestris</i>	4	4	4	16	3	7	34	38
549	Stripe-cheeked Bulbul <i>Andropadus milanjensis</i>		3					3	3
550	Yellow-breasted Bulbul <i>A. flaviventris</i>	18	6	5	4	4	26	45	63
551	Sombre Bulbul <i>A. importunus</i>	28	4	2	11	18	33	68	96
552	Kurriehane Thrush <i>Turdus libonyanus</i>	57	29	23	12	14	24	102	159
553	Cape Thrush <i>T. olivaceus</i>	391	100	113	154	94	67	528	919
556	Gurney's Thrush <i>T. gurneyi</i>				3			3	3
557	Groundscraper Thrush <i>T. litsitsirupa</i>	21	7	2	2	3	3	17	38
558	Natal Thrush <i>T. fischeri</i>			1	1	2	1	5	5
559	Cape Rock Thrush <i>Monticola rupestris</i>				1			1	1
561	Short-toed Rock Thrush <i>Monticola brevipes</i>	1					1	1	2

563	Wheatear <i>Oenanthe oenanthe</i>	1										1
564	Mountain Chat <i>O. monticola</i>	19	2	2	2		2	1	7			26
568	Capped Wheatear <i>O. pileata</i>	12	4	1		5			10			22
570	Familiar Chat <i>Cercomela familiaris</i>	42	4	8		1	8	5	26			68
572	Sickle-wing Chat <i>C. sinuata</i>	1										1
573	Mocking Chat <i>Thamnodula cinnamomeiventris</i>	7	2	4					6			13
574	Arnot's Chat <i>T. arnoti</i>						1		1			1
575	Ant-eating Chat <i>Myrmecocichla formicivora</i>	13		3			2		5			18
	Sooty Chat <i>M. nigra</i>	4										4
576	Stone Chat <i>Saxicola torquata</i>	73	29	17		18	8	6	78			151
578	Chorister Robin <i>Cossypha dichroa</i>	3		2			4	4	10			13
579	Natal Robin <i>C. natalensis</i>	35	30	3			22	13	68			103
580	Heuglin's Robin <i>C. heuglini</i>	7	12			12	4	8	36			43

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
581	Cape Robin <i>C. caffra</i>	666	87	95	55	77	63	377	1,043
582	White-throated Robin <i>Cossypha humeralis</i>	5		1	2	6	9	18	23
583	Karoo Scrub Robin <i>Erythropygia coryphaeus</i>	9		3				3	12
584	Brown Scrub Robin <i>E. signata</i>	4		1				1	5
585	Bearded Scrub Robin <i>E. quadringata</i>		3				2	5	5
586	Kalahari Scrub Robin <i>E. paena</i>	4	1	1	1	13	5	21	25
588	White-browed Scrub Robin <i>E. leucophrys</i>	32	1	2	8	20	22	53	85
589	Starred Robin <i>Pogonochila stellata</i>		3		8	4	9	24	24
592	Thrush Nightingale <i>Luscinia luscinia</i>		2					2	2
593	Spotted Morning Warbler <i>Cichladusa arquata</i>	1	5					5	6
	Tristan Thrush <i>Nesocichla eremista</i>	4							4

	Bigbilled Bunting <i>Neospiza acunhae questii</i>	4																		4
594	Whitethroat <i>Sylvia communis</i>	8	3	4	8	14	1	30												38
595	Garden Warbler <i>S. borin</i>	51	20	16	26	39	45	146												197
596	Icterine Warbler <i>Hippolais icterina</i>	4	3	3	3	1	6	16												20
599	Willow Warbler <i>Phylloscopus trochilus</i>	31	18	37	26	33	30	144												175
600	Yellow-bellied Bush Warbler <i>Erememela icteropygialis</i>		3		1	1		5												5
601	Brown-throated Bush Warbler <i>E. usticollis</i>			2				2												2
602	Dusky-faced Bush Warbler <i>E. scotops</i>	9	1		2	1		4												13
603	Great Reed Warbler <i>Acrocephalus arundinaceus</i>	40	29	59	51	21	11	171												211
604	Cape Reed Warbler <i>A. gracilirostris</i>	52	11	48	34	28	8	129												181
606	African Marsh Warbler <i>A. baeticatus</i>	25	5	128	217	126	96	572												597
	European Reed Warbler <i>A. scirpaceus</i>			2	1			3												3
607	European Marsh Warbler <i>A. palustris</i>	4	6	15	11	20	7	59												63

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
608	European Sedge Warbler <i>A. schoenobaenus</i>	16	17	105	127	40	29	318	334
	African Yellow Warbler <i>Chloropeta natalensis</i>		2		6			8	8
609	African Sedge Warbler <i>Bradypterus babaeus</i>	3			2	7	6	15	18
613	Cinnamon-breasted Warbler <i>Euryptila subcinnamomea</i>			2				2	2
614	Barred Warbler <i>Camaroptera fasciolata</i>			1	1	2	16	20	20
616	Fan-tailed Warbler <i>Schoenicola brevirostris</i>	7							7
617	Moustache Warbler <i>Melocichla mentalis</i>		3	1		1		5	5
618	Grassbird <i>Sphenoeacus afer</i>	55	2	1	6	8	5	22	77
620	Red-winged Warbler <i>Heliolais erythroptera</i>		1					1	1
621	Crombec <i>Sybieta rufescens</i>	12	4	5	2	20	15	46	58
622	Bar-throated Apalis <i>Apalis thoracica</i>	23	3	10	12	6	12	43	66

624	Rudd's Apalis <i>A. ruddi</i>					1					1	1
625	Yellow-breasted Apalis <i>A. flavida</i>							3	1		4	4
627	Bleating Bush Warbler <i>Camaroptera brachura</i>	21	10	4	7		17				55	76
628	Grey-backed Warbler <i>C. brevicaudata</i>	3	1		4		13		4		22	25
	Green-backed Warbler <i>C. brevicola</i>				2		2		1		5	5
629	Fan-tailed Cisticola <i>Cisticola juncidis</i>	44	1		3		2				6	50
630	Desert Cisticola <i>C. aridula</i>				2		1				3	3
631	Cloud Cisticola <i>C. texilis</i>	21	4		1						5	26
643	Ayre's Cloud Cisticola <i>C. ayresii</i>	8		3							3	11
635	Pale-crowned Cloud Cisticola <i>C. brunnescens</i>	1										1
637	Neddicky <i>C. fulvicapilla</i>	37	5	7	3		12		10		37	74
638	Grey-backed Cisticola <i>C. subruficapilla</i>	3										3
639	Wailing Cisticola <i>C. lais</i>	5	2	2	1						5	10

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
641	Tinkling Cisticola <i>C. rufilata</i>					1		1	1
642	Rattling Cisticola <i>C. chiniana</i>	17	4		7	22	27	60	77
643	Singing Cisticola <i>C. cantans</i>		12	7	1			20	20
644	Red-faced Cisticola <i>C. erythrops</i>	8	1	1		6	6	14	22
645	Black-backed Cisticola <i>C. galactotes</i>		2			4	2	8	8
646	Le Vaillant's Cisticola <i>C. tinniens</i>	92	20	33	28	44	9	134	226
647	Croaking Cisticola <i>C. natalensis</i>	4	2	4			3	9	13
648	Lazy Cisticola <i>C. aberrans</i>	2				3	2	5	7
649	Tawny-flanked Prinia <i>Prinia subflava</i>	45	39	20	12	27	27	125	170
650	Black-chested Prinia <i>P. flavicans</i>	102	4	9	14	24	30	81	183
651	Karoo Prinia <i>P. maculosa</i>	175	16	8	12	6	3	45	220

654	Spotted Flycatcher <i>Muscicapa striata</i>	20	5	6	5	5	13	34	54
655	Dusky Flycatcher <i>M. adusta</i>	8		2	1	5	7	15	23
656	Blue-grey Flycatcher <i>Muscicapa caerulescens</i>	4	4	1		6	3	14	18
657	Grey Tit-babbler <i>Parisoma plumbeum</i>				1			1	1
658	Tit-babbler <i>P. subcaeruleum</i>	20	9	14	6	26	13	68	88
659	Layard's Tit-babbler <i>P. layardi</i>	1							1
661	Marico Flycatcher <i>Melaenornis mariquensis</i>	7	11	4	3	10	4	32	39
662	Pale Flycatcher <i>M. pallidus</i>	9	1	2	4	12	3	22	31
663	Chat Flycatcher <i>M. infuscatus</i>	2							2
664	Black Flycatcher <i>M. pammelatina</i>	19	15	5	6	6	4	36	55
665	Fiscal Flycatcher <i>M. silens</i>	55	12	17	15	15	23	82	137
666	Yellow-bellied Flycatcher <i>Hyltiota flavigaster</i>	2		1			2	3	5
668	Mashonaland Flycatcher <i>H. australis</i>	1							1

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
671	Yellow-throated Flycatcher <i>Seicercus ruficapilla</i>						4	4	4
672	Cape Flycatcher <i>Batis capensis</i>	4	1		4	3	5	13	17
673	Chin-spotted Flycatcher <i>B. molitor</i>	9	11	8	10	18	10	57	66
674	Pirit Flycatcher <i>B. pirit</i>			3	1		4	8	8
677	Wattle-eyed Flycatcher <i>Platystira peltata</i>	3				7	2	9	12
678	Fairy Flycatcher <i>Stenostira scita</i>			1	1			2	2
680	Blue-mantled Flycatcher <i>Trochocercus cyanomelas</i>		2	1			3	6	6
682	Paradise Flycatcher <i>Terpsiphone viridis</i>	93	9	13	10	19	16	67	160
685	Pied Wagtail <i>Motacilla aguimp</i>	171	33	15	158	51	2	259	430
686	Cape Wagtail <i>M. capensis</i>	1,208	139	504	214	217	138	1,212	2,420
688	Long-tailed Wagtail <i>M. clara</i>	12							12

689	Yellow Wagtail <i>M. lutea</i>	10	5	2	1	3	3	13	23
692	Richard's Pipit <i>Anthus novaeseelandiae</i>	73	8	5	4	6	14	37	110
693	Nicholson's Pipit <i>A. similis nicholsoni</i>	5	1	1				2	7
694	Plain-backed Pipit <i>A. leucophrys</i>	15	16	8	2	1	9	36	51
695	Buffy Pipit <i>A. vaalensis</i>	1				1		1	2
696	Large Striped Pipit <i>A. lineiventris</i>				2		1	3	3
698	Tree Pipit <i>A. trivialis</i>	3			2	1		3	6
703	Cape Longclaw <i>Macronyx capensis</i>	39	5	12	1	3	4	25	64
704	Yellow-throated Longclaw <i>Macronyx croceus</i>	3	2	2				4	7
705	Pink-throated Longclaw <i>M. ameliae</i>				1			1	1
706	Lesser Grey-shrike <i>Lanius minor</i>		1			4		5	5
	Souza's Shrike <i>L. souzae</i>	2							2
707	Fiscal Shrike <i>L. collaris</i>	373	60	49	41	74	43	267	640

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
708	Red-backed Shrike <i>L. colluria</i>	19	14	29	39	16	11	109	128
709	Boubou Shrike <i>Laniarius ferrugineus</i>	47	13	8	14	13	15	63	110
711	Crimson-breasted Shrike <i>L. atrocoecineus</i>	14		1	1	1	1	4	18
712	Puff-backed Shrike <i>Dryoscopus cubla</i>	12	7	8	10	20	10	55	67
713	Tchagra Shrike <i>Tchagra tchagra</i>	12	5	4	5	4	5	23	35
714	Three-streaked Shrike <i>T. australis</i>	8		1	1	3	12	17	25
715	Black-crowned Tchagra <i>T. senegala</i>	5	4	5	2	9	1	21	26
717	Olive Bush-shrike <i>Malaconotus olivaceus</i>					4	1	5	5
719	Orange-breasted Bush Shrike <i>M. sulfureopectus</i>		2	2	2	2	1	9	9
721	Gorgeous Bush Shrike <i>M. quadricolor</i>		1					1	1
722	Bokmakierie <i>M. zeylonus</i>	153	25	3	6	6	5	45	198

723	Grey-headed Bush Shrike <i>M. hypopyrrhus</i>		2	1	2	1	2	8	8
724	Long-tailed Shrike <i>Corvinella melanoleucus</i>	15		2		1		3	18
727	White-helmet Shrike <i>Prinops plumata</i>		4	7	6	23	2	42	42
730	White-crowned Shrike <i>Euocophalus anguitinus</i>					3	1	4	4
731	Brubru Shrike <i>Nilais afer</i>	2	1	1	1	4	3	10	12
733	European Starling <i>Sturnus vulgaris</i>	1,383	38	32	86	10	87	253	1,636
734	Indian Myna <i>Acridotheres tristis</i>	27	7		1		11	19	46
735	Wattled Starling <i>Creatophora cinerea</i>	2		2		5	7	14	16
736	Plum-coloured Starling <i>Cinnyricinclus leucogaster</i>	21	1	10	11	16	7	45	66
737	Cape Glossy Starling <i>Lamprolornis nitens</i>	44	7	4	2	6	39	58	102
738	Greater Blue-eared Starling <i>L. chalybaeus</i>	7	1	8	2	1	4	16	23
739	Lesser Blue-eared Starling <i>L. chloropterus</i>	11	13	13	1	1		28	39
740	Black-bellied Starling <i>L. corruscus</i>	4		1			1	2	6

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
742	Long-tailed Glossy Starling <i>L. mevesii</i>				5	15		20	20
743	Burchell's Glossy Starling <i>Lamprolornis australis</i>		3	1		15	59	78	78
745	Red-winged Starling <i>Onychognathus morio</i>	49	3	3	46	6	2	60	109
746	Pied Starling <i>Spreo bicolor</i>	135	10	8	3	8	10	39	174
748	Red-billed Oxpecker <i>Buphagus erythrorhynchus</i>	4		11				11	15
749	Sugarbird <i>Promerops cafer</i>	73		3	8	13		24	97
750	Gurney's Sugarbird <i>P. gurneyi</i>				2			2	2
751	Malachite Sunbird <i>Nectarinia famosa</i>	50	5	1	2	9	2	19	69
752	Bronze Sunbird <i>N. killimeris</i>				8			8	8
753	Orange-breasted Sunbird <i>N. violacea</i>	20		3	5			8	28
754	Coppery Sunbird <i>N. cuprea</i>					1		1	1

		6	4	4	4	3	10	25	31
755	Marico Sunbird <i>N. mariquensis</i>								
756	Purple-banded Sunbird <i>N. bifasciata</i>	1							1
757	Shelly's Sunbird <i>N. shelleyi</i>					1		1	1
758	Greater Double-collared Sunbird <i>N. afra</i>	1	2	9	2	14	29	56	57
760	Lesser Double-collared Sunbird <i>N. chalybea</i>	44	25	34	23	31	62	175	219
762	Yellow-bellied Sunbird <i>N. penusta</i>	1	4	9	39	1		53	54
763	White-breasted Sunbird <i>N. talatala</i>	87	33	9	4	3	8	57	144
765	Grey Sunbird <i>N. veroxii</i>	2	5					5	7
766	Olive Sunbird <i>N. olivacea</i>	32	23	10	10	28	29	100	132
771	Collared Sunbird <i>Antheptes collaris</i>	4	1	1	1	9	5	16	20
772	Black Sunbird <i>N. amethystina</i>	108	28	13	21	41	57	160	268
774	Scarlet-breasted Sunbird <i>N. senegalensis</i>	24	12	3	3	4	4	26	50
775	Cape White-eye <i>Zosterops virens</i>	1,057	250	378	207	124	316	1,275	2,332

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
777	Yellow White-eye <i>Z. senegalensis</i>	43	7	55	41	61	69	233	276
778	Green White-eye <i>Z. virens almorii</i>						179	179	179
779	Buffalo Weaver <i>Bubalornis albirostris</i>	10					1	1	11
780	White-browed Sparrow Weaver <i>Plocepasser mahali</i>	105	2	42	2	23	17	86	191
783	Sociable Weaver <i>Philetairus socius</i>	1	1					1	2
784	House Sparrow <i>Passer domesticus</i>	1,527	541	454	563	385	344	2,287	3,814
785	Great Sparrow <i>P. molitensis</i>	2		2	1	2	7	12	14
786	Cape Sparrow <i>Passer melanurus</i>	8,389	1,202	1,395	1,233	955	822	5,607	13,996
787	Grey-headed Sparrow <i>P. griseus</i>	359	57	63	49	56	41	266	625
788	Yellow-throated Sparrow <i>Peironia supercilialis</i>	41	2	3	10	16	6	37	78
789	Scaly-feathered Finch <i>Sporopipes squamifrons</i>	330	21	146	64	88	92	411	741

790	Forest Weaver <i>Ploceus bicolor</i>		2			1	1	1	4	4
791	Spectacled Weaver <i>P. ocularis</i>	32	9	9	9	22	33	82	114	
792	Lesser Masked Weaver <i>P. intermedius</i>	10	2	6	52	19	18	97	107	
793	Red-headed Weaver <i>Malimbus rubriceps</i>	3		1	1	1		3	6	
796	Chestnut Weaver <i>P. rubiginosus</i>				2			2	2	
797	Spotted-backed Weaver <i>P. cucullatus</i>	343	14	24	59	62	22	181	524	
799	Cape Weaver <i>P. capensis</i>	390	235	265	163	56	40	759	1,149	
800	Yellow Weaver <i>P. subaureus</i>	35	113	89	21	56	61	340	375	
801	Larger Golden Weaver <i>P. xanthops</i>	29	20	15	21	9	16	81	110	
802	Brown-throated Weaver <i>P. xanthopterus</i>		2					2	2	
803	Masked Weaver <i>P. velatus</i>	4,768	1,020	2,055	1,323	959	782	6,139	10,907	
804	Thick-billed Weaver <i>Amblyospiza albifrons</i>	19	5	4	1	11	7	28	47	
805	Red-billed Quelea <i>Quelea quelea</i>	59,204	1,022	715	993	1,048	881	4,659	63,863	

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
806	Red-headed Quelea <i>Q. erythrops</i>	8	90	508	202	2		802	810
808	Red Bishop Bird <i>Euplectes orix</i>	2,577	1,041	1,084	894	1,766	425	5,210	7,787
809	Black-winged Bishop Bird <i>E. hordeaceus</i>	22	302	155	74	4		535	557
810	Cape Bishop Bird <i>E. capensis</i>	204	120	85	24	57	20	306	510
812	Golden Bishop Bird <i>E. afer</i>	81	39	37	21	163	27	287	368
813	Red-collared Widow Bird <i>E. ardens</i>	79	414	549	325	28	22	1,338	1,417
814	White-winged Widow Bird <i>E. albonotatus</i>	67	293	108	337	10	2	750	817
815	Yellow-backed Widow Bird <i>E. macrourus</i>	71	101	56	1			158	229
816	Red-shouldered Widow Bird <i>E. axillaris</i>	76	9	5	183	57	33	287	363
	Marsh Widow Bird <i>Coliuspasser hartlaubi</i>		2					2	2
818	Long-tailed Widow Bird <i>Euplectes progné</i>	63	6	47	9	9	4	75	138

		22	1	18	45	30	29	123	145
820	Red-headed Finch <i>Amadina erythrocephala</i>								
821	Cut-throat Finch <i>A. fasciata</i>	63	12		6	2	2	22	85
822	Pied Mannikin <i>Lonchura fringilloides</i>		3					3	3
823	Bronze Mannikin <i>L. cucullata</i>	447	111	182	119	158	436	1,006	1,453
824	Red-backed Mannikin <i>L. bicolor</i>	13	9	21	6	6	6	48	61
825	Sweet Waxbill <i>Estrilda melanotis</i>	1	31	1	1	2	6	41	42
827	Green Twinspot <i>Mandingoa nitidula</i>		1				4	5	5
828	Nyasa Crimson-Wing <i>Cryptospiza reichenowii</i>			1				1	1
829	Yellow-backed Pytelia <i>Pytelia afra</i>	2			6			6	8
830	Melba Finch <i>P. melba</i>	52	36	26	17	12	277	368	420
832	Red-throated Twinspot <i>Hypargos niveoguttatus</i>	5	34	8	2	1		45	50
833	Blue-billed Firefinch <i>Lagonosticta rubricata</i>	22	24	22	23	3	36	108	130
835	Jameson's Firefinch <i>L. rhodopareta</i>	26	18	3	6	3	25	55	81

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
836	Brown Firefinch <i>L. rufopicta</i>	1				3	3	6	7
837	Red-billed Firefinch <i>L. senegala</i>	313	31	13	65	29	14	152	465
838	Orange-breasted Waxbill <i>Amandava subflava</i>	138	19	20	29	40	1	109	247
839	Blue Waxbill <i>Uraeginthus angolensis</i>	632	79	28	56	84	311	558	1,190
840	Violet-eared Waxbill <i>Uraeginthus granatinus</i>	19	1	4		16	93	114	133
841	Black-breasted Waxbill <i>Estrilda erythronotos</i>	5			3	3	42	48	53
842	Grey Waxbill <i>E. perreini</i>	3					1	1	4
843	Common Waxbill <i>E. astrild</i>	1,224	185	159	112	86	45	587	1,811
844	Quail Finch <i>Oryzopsis fuscoerissa</i>	17	1	4	5	4		14	31
846	Pin-tailed Whydah <i>Vidua macroura</i>	224	45	56	133	57	45	336	560
847	Shaft-tailed Whydah <i>V. regia</i>	35		4	5		9	18	53

849	Black Widow Finch <i>Hypochera funerea</i>	9		9	2	34	45	54
850	Black Widow Finch <i>H. funerea nigerrima</i>		17	3			20	20
851	Steel-blue Widow Bird <i>H. chalybeata</i>	4	1	4			5	9
852	Paradise Whydah <i>Steganura paradisaea</i>	34				5	5	39
853	Broad-tailed paradise Whydah <i>S. orientalis</i>		26				26	26
854	Cuckoo Finch <i>Anomalospiza imberbis</i>		4	10	21		35	35
857	Cape Canary <i>Serinus canicollis</i>	55	112	25	9	4	172	227
858	Forest Canary <i>S. scotops</i>	1			4	44	49	50
859	Yellow-eyed Canary <i>Serinus mozambicus</i>	386	44	42	101	176	414	800
860	Black-throated Canary <i>S. atrogularis</i>	528	14	105	10	40	215	743
861	Black-headed Canary <i>S. alario</i>		4				4	4
863	Bully Seed-eater <i>S. sulphurata</i>	51	12	10	15	27	84	135
865	White-throated Seed-eater <i>S. albobogularis</i>	3				1	4	7

Roberts Number	Species	Total of Previous Years	1963-4	1964-5	1965-6	1966-7	1967-8	Total 63-8	Grand Total
866	Yellow Canary <i>S. flaviventris</i>	12		27		5	17	49	61
867	Streaky-headed Seed-eater <i>S. gularis</i>	155	35	31	40	23	32	161	316
868	Black-eared Seed-eater <i>S. mennelli</i>			1	1	2		4	4
871	Lark-like Bunting <i>Emberiza impetuani</i>	3	1	2		24	4	31	34
872	Rock Bunting <i>E. tahapisi</i>	66	6	17	38	7		68	134
873	Cape Bunting <i>E. capensis</i>	9	1	1	2	5	4	13	22
874	Golden Breasted Bunting <i>E. flaviventris</i>	98	5		8	5	44	62	160
876	Shearbill <i>Chionis minor</i>	2							2
877	Southern Dunlin <i>Calidris alpina</i>	1							1
878	Woodchat Shrike <i>Lanius senator</i>	1							1
882	Tropical Boubou <i>L. aethiopicus</i>	1							1
	TOTALS	216,284	24,620	35,601	45,298	40,535	42,342	188,396	404,165
	SPECIES TOTALS	497	369	372	347	375	358	539	620

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Ringling Location	Ring No.	Age	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	During recovery	Other details
*Long distance Recoveries											
†Interesting Recoveries											
Algoa Bay, Cape	33	50 S	26	00 E							
546-05932	juv.	6.9.65	10.5.66	Mossel Bay, Cape	34	10 S	22	09 E	225m.	W	8 X
11: Shy Albatross <i>Diomedea cauta</i> 44: Cape Gannet <i>Morus capensis</i> Recoveries of juvenile Gannets ringed at Lamberts Bay, confirm the findings of Broekhuysen and Liversidge (1961). Most fledglings migrate up the West coast to tropical waters and only move back after two or three years. A few juveniles were found to move South and then up the East coast. One of the few adult recoveries was unusually far North e.g. Mozambique. Generally adults remain relatively close to the Cape and South West African breeding islands.											
Lamberts Bay, Cape	32	05 S	18	18 E							
657-01347	A.	10.66	4.68	Cape Point	34	20 S	18	30 E	160m.	S	18 X
657-01385	A.	10.66	3.5.67	Hermanus, Cape	34	30 S	19	15 E	175m.	SSE	7
657-02042		30.3.67	10.5.67	Doringbaai, Cape	32	00 S	18	17 E	20m.	NNW	1 X
657-0-059		30.3.67	5.5.67	Lamberts Bay, Cape	32	05 S	18	18 E	0m.		1 X
657-03251	pull.	4.68	5.68	Dwarskersbos, Cape	32	30 S	18	18 E	25m.	S	1 X
*657-01146	juv.	12.66	15.7.67	Cape Frio, Angola	16	48 S	11	30 E	1,200m.	NNW	7 ()
*657-02959	juv.	5.67	29.8.67	At sea off Angola	8	10 S	13	00 E	1,500m.	NNW	3 X
†657-02658	pull.	4.68	5.68	Umkomaas, Natal	30	20 S	30	55 E	760m.	E	1 X
*†657-03677	pull.	4.68	21.4.68	Lupatane, Natal	31	22 S	29	50 E	700m.	E	1 X
*546-14281	juv.	9.4.66	26.7.66	Mouth of Congo River	6	00 S	12	20 E	1,880m.	NNW	4 ()
*546-14324	juv.	9.4.66	7.66	nr. Porto Alexandra, Angola	16	00 S	11	40 E	1,220m.	NNW	3 X
*546-14649	juv.	9.4.66	22.7.66	Mocamedes, Angola	15	20 S	12	15 E	1,250m.	NNW	3 X
*657-02279	juv.	5.67	26.6.67	Mocamedes, Angola	15	20 S	12	15 E	1,250m.	NNW	1 X
*657-02480	juv.	12.4.67	8.67	Mocamedes, Angola	15	20 S	12	15 E	1,250m.	NNW	4 X
*657-02232	juv.	5.67	20.9.67	Mocamedes, Angola	15	20 S	12	15 E	1,250m.	NNW	4 X
*546-14250	juv.	9.4.66	19.9.66	Luanda, Angola	5	58 S	13	09 E	1,670m.	NNW	5 X
*657-02445	juv.	12.4.67	18.5.67	Luanda, Angola	5	58 S	13	09 E	1,670m.	NNW	1 X
*657-02434	juv.	12.4.67	13.5.67	Benguela, Angola	12	30 S	13	10 E	1,400m.	NNW	1 X
*657-03861	pull.	4.68	11.5.68	Baia das Salinas, Angola	14	11 S	12	21 E	1,320m.	NNW	1 X
Bird Island, Algoa Bay	33	51 S	26	00 E							
†536-06336	juv.	25.3.54	.65	Bela-Vista, Mozambique	26	20 S	32	45 E	700m.	NE	132 X
47: White-breasted Cormorant <i>Phalacrocorax carbo</i> Barberspan, Transvaal 26 33 S 25 36 E											
†546-04714	juv.	3.7.56	2.1.64	Barberspan, Transvaal	26	33 S	25	36 E	0m.		91 X
*597-04102	juv.	12.4.63	8.5.63	Rooibokkop, Transvaal	25	00 S	29	20 E	110m.	NE	12
597-04188	juv.	4.5.6	26.10.63	Brakpan, Transvaal	26	20 S	28	20 E	5m.	E	6 X
536-04803		13.6.64	13.6.64	Westdene, Benoni, Transvaal	26	12 S	28	18 E	0m.		0 X

Ringling Location	Ring No.	Age	Co-ordinates Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Euring re- covery code	Other details
48: Cape Cormorant <i>Phalacrocorax capensis</i>											
Guano Isle, Swakopmund, S.W.A.			22 33 S 14 35 E								
646-04070			20.1.65	23.7.67	nr. Swakopmund, S.W.A.	22 33 S 14 35 E	5m.	N	30	X	
646-04051	juv.		20.1.65	2.67	nr. Swakopmund, S.W.A.	22 33 S 14 35 E	0		25	X	
50: Reed Cormorant <i>Phalacrocorax africanus</i>											
Rondevlei, Cape		34 05 S 18 28 E			nr. Swellendam, C.P.	34 01 S 20 30 E	110m.	E	16	+	
*555-5421	juv.		1.12.66	28.3.68							
Benoni, Transvaal		26 12 S 28 18 E			Varkfontein, Transvaal	26 03 S 28 22 E	15m.	NNE	27	+	
524-1386	juv.		31.1.63	22.4.65	Diepsloot, Pretoria	25 55 S 28 05 E	15m.	NE	5	-	
524-1390	juv.		31.1.63	2.7.63							
52: Darter <i>Anhinga rufa</i>											
Mungwe Pan, Rhodesia		17 50 S 28 50 E			Mongu, Lake Kariba	16 50 S 28 50 E	60m.	S	1	X	fishing net
657-00552			25.5.67	15.6.67							
Lake Mcllwaine, Rhodesia		17 55 S 30 50 E			Lake Mcllwaine, Rhodesia	17 55 S 30 50 E	0m.		2	0	fishing net
546-12011	juv.		14.1.66	1.3.66	Lake Mcllwaine, Rhodesia	17 55 S 30 50 E	0m.		2	0	fishing net
546-12012	juv.		14.1.66	17.3.66							
54: Grey Heron <i>Ardea cinerea</i>											
Rondevlei, Cape		34 05 S 18 28 E			Philippi, Cape	33 57 S 18 30 E	3m.	NE	152	X	
C-1003	juv.		18.9.51	1.5.64							
55: Black-headed Heron <i>Ardea melanocephala</i>											
Strandfontein, Cape		34 06 S 18 31 E			Wolseley, Cape	33 40 S 19 15 E	60m.	NE	45	+	
587-04952			26.1.63	6.67							
Rondevlei, Cape		34 05 S 18 28 E			Barrydale, Cape	33 55 S 20 45 E	67m.	E	147	X	
1C-2165	juv.		3.11.53	21.2.66	Stellenbosch, Cape	34 00 S 18 55 E	23m.	NE	3	X	
586-06973	juv.		14.8.64	7.11.64							
Westdene, Benoni, Transvaal		26 12 S 28 18 E			Johannesburg, Transvaal	26 15 S 28 04 E	12m.	W	70	X	
555-1745	juv.		3.8.58	5.6.64							
Modder East, Transvaal		26 10 S 28 24 E			Bapsfontein nr. Pretoria	25 40 S 28 15 E	16m.	ENE	100	X	
525-3614	juv.		28.8.55	21.12.63	Olifantsfontein, Transvaal	25 50 S 29 10 E	18m.	E	100	X	
555-2731	pull.		20.7.57	30.11.65							
Welkom, Transvaal		28 00 S 26 45 E			Welkom, Transvaal	28 00 S 26 45 E	0m.		10	0	
597-02309	juv.		29.12.63	28.10.64							
Springs, Transvaal		26 15 S 28 25 E			Lochiel, E. Transvaal	26 15 S 30 55 E	130m.	ENE	128	X	
*1555-90102			29.7.56	3.4.67							
59: Little Egret <i>Egretta garzetta</i>											
Rondevlei, Cape		34 05 S 18 28 E			Philippi, Cape	33 57 S 18 30 E	6m.	NNE	119	X	
1525-0273	pull.		18.11.54	12.10.64	Bredasdorp, Cape	34 35 S 20 00 E	90m.	ESE	111	X	
554-3748			26.10.57	1.67							

*555-5305	juv.	22.9.64	5.5.65	Joao Belo, Mozambique	25 00 S	34 00 E	1,150m. NE	7	X
555-5321		8.10.64	27.10.64	Rondeveldi, Cape	34 05 S	18 28 E	0	1	X
Maccoavlei, Cape	34 05 S	18 28 E							
586-07854	pull.	11.11.61	12.9.65	Otterry, Cape	34 05 S	18 28 E	5m. N	45	+
60: Yellow-billed Egret <i>Egretta intermedia</i>									
Maccoavlei, Cape	34 05 S	18 18 E							
554-0064	juv.	29.10.62	30.9.65	Constantia, Cape	34 02 S	18 25 E	5m. NW	35	X
587-04847	pull.	13.10.62	3.7.63	Philadelphina, Cape	33 40 S	18 37 E	30m. N	9	X
61: Cattle Egret <i>Ardeola ibis</i>									
The recoveries of the Cattle Egret continue to show the pattern of a species whose population is expanding (as indicated by Siegfried 1970, in press) partly due to low mortality combined with breeding at one year old. The age of egrets recovered is surprisingly high, averaging nearly 4 years. Siegfried calculated a percentage mortality of 37% in the first year and 25% for each succeeding year, for all recoveries up to mid-1966. Calculation of the recoveries covered by this report gives even lower figures. Only 30% are first year birds and 28% (as opposed to Siegfried's 11%) were birds 7 years old or older. The records included 7 birds of 10 years old and older, of which only 2 had been recorded previously by Siegfried.									
Potchefstroom, Transvaal	26 40 S	27 30 E							
Ficksburg, O.F.S.	28 55 S	27 49 E	5.10.65	Filaburi, Rhodesia	20 38 S	29 20 E	450m. NNE	33	+
*635-10887	pull.	12.62	20.6.67	Pakwach, Uganda	04 50 N	31 30 E	2,150m. N	54	+
Umsuito District, Natal	31 00 S	31 00 E							
635-10356	juv.	24.12.67	8.5.68	Amatikulu, Zululand	27 40 S	32 00 E	200m. NE	5	+
Naboomspruit, Transvaal	25 27 S	30 53 E							
*551-4424	juv.	1.2.58	9.4.68	Santa Maria, Congo	20 23 S	17 09 E	1,300m. N	122	0
*585-06834	juv.	29.12.62	11.2.64	Waterberg, S.W.A.	25 52 S	28 12 E	30m. E	7	X
Durban Deep Mine, Transvaal	26 10 S	27 50 E							
554-6231	juv.	29.1.63	16.8.63	Irene, Transvaal	29 38 S	30 28 E	0	109	X
Pietermaritzburg, Natal	29 38 S	30 28 E							
†543-3888	juv.	1.11.55	31.12.64	Iseapo, Natal	33 40 S	26 20 E	43m. E	80	X
543-8708	juv.	11.56	11.11.63	Pietermaritzburg, Natal	29 07 S	30 51 E	65m. NW	85	(?)
Kenkelbos, E. Cape	33 50 S	25 45 E							
553-7678	juv.	30.12.58	27.8.65	de Kol, E. Cape	29 07 S	30 39 E	60m. NW	52	X
Durban Bay, Natal	29 55 S	31 00 E							
543-7683	juv.	4.11.56	28.11.63	15 miles East of Greytown, Natal	29 58 S	30 58 E	10m. S	30	X
585-07132	juv.	22.10.61	3.1.66	Greytown, Natal	29 58 S	30 58 E	10m. S	36	X
553-6594	juv.	2.1.61	6.7.63	Pinetown, Natal	29 55 S	31 00 S	0	35	X
585-07794	juv.	9.12.62	4.12.65	Isipingo Beach, Natal	29 55 S	31 00 S	0	36	X
585-07691	pull.	9.12.62	10.11.64	Durban Bay, Natal	31 02 S	29 42 E	120m. SW	35	X
585-7890	juv.	23.12.62	19.65.66	Durban, Natal	33 48 S	18 50 E	10m. SW	29	+
585-07994	juv.	29.12.62	20.11.64	Flagstaff, Natal	33 48 S	18 50 E	10m. SW	26	+
Paarl, Cape	33 45 S	18 59 E							
635-01298	juv.	3.1.65	28.6.67	Elsenberg Agric. College, Cape	33 48 S	18 50 E	10m. SW	26	+
Paarl, Cape	33 45 S	18 59 E							
635-01233	juv.	3.1.65	8.1.68	Elsenberg Agric. College, Cape	33 45 S	18 59 E	0	1	X
635-01420	juv.	7.11.65	8.12.65	Paarl, Cape	33 45 S	18 59 E	0	1	+
635-01476	juv.	7.11.65	30.11.65	Paarl, Cape	33 38 S	19 00 E	8m. N	2	X
635-11550	juv.	7.11.65	26.12.65	Wellington, Cape	33 38 S	19 00 E	8m. N	17	+
635-11608	juv.	17.11.65	25.4.67	Wellington, Cape	33 38 S	19 00 E	8m. N	26	(?)
635-11668	juv.	17.11.65	8.1.68	Wellington, Cape					

Ring No.	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Euring re-covery code	Other details
635-01393	juv.	18.11.65	8.1.66	Wellington, Cape	33 38 S	19 00 E	8m. N	1	X	
635-01416	juv.	7.11.65	23.6.66	Lynedoch, Cape	33 59 S	18 47 E	17m. SW	8	X	
635-11609	juv.	17.11.65	21.12.65	Klapmuts, near Cape Town	33 42 S	18 52 E	7m. SW	13	X	
635-11778	juv.	9.12.65	23.8.66	Somerset West, Cape	34 05 S	18 48 E	24m. SSW	8	X	
635-11739	juv.	9.12.65	24.6.67	Franschhoek, Cape	33 53 S	19 05 E	16m. SE	18	X	
Westdene, Benoni,	Transvaal	26 10 S	28 24 E	0				63	X	
585-00545	pull.	20.12.59	13.3.65	Boksberg, Transvaal	26 15 S	28 15 E	5m. SW	1	X	
553-8543	juv.	20.2.65	25.4.65	Homeslead Dam, Benoni	26 10 S	28 24 E	0	1	X	
553-8635	juv.	20.2.65	20.6.65	10m. NE of junction of Shashi and Limpopo Rivers, Rhodesia	22 15 S	30 80 E	290m. N	4	X	killed by Martial Eagle
*553-8558	juv.	20.2.65	28.5.65	Paulis, Congo	02 53 N	27 57 E	1.740m. N	3	+	
585-00714	juv.	31.1.63	13.10.65	Bindura, Rhodesia	17 15 S	31 20 E	650m. NNE	33	+	
585-0725	juv.	31.1.63	2.6.64	Table Mountain, Pietermaritzburg	29 35 S	30 22 E	260m. SE	16	+	
585-00774	juv.	20.12.59	24.6.64	Waterworks, Bryanston, Tvl.	26 12 S	28 05 E	10m. W	54	X	poisoned killed by dog
543-00737	juv.	26.1.63	21.2.64	Cleveland, Transvaal	26 15 S	28 05 E	10m. W	13	X	
*585-04538	juv.	27.12.62	6.7.63	West Nile District, Uganda	03 30 N	31 20 E	1.200m. N	6	+	
*585-02523	juv.	7.1.62	12.12.63	Kembé, République Central Afrique	04 35 S	21 55 E	2.200m. NNW	22	X	
Paardevlei, Cape	34 05 S	18 45 E						4	X	
635-01134	juv.	20.11.64	30.3.65	Rondevlei, Cape	34 05 S	18 45 E	20m. W	11	+	
635-01124	juv.	9.11.64	1.11.65	Paardevlei, Cape	34 06 S	20 33 E	108m. E	8	X	
635-01030	juv.	20.10.64	6.65	20m. SE of Swellendam, Cape	33 38 S	19 00 E	33m. N	30	+	
635-01085	juv.	29.10.64	25.4.67	Wellington, Cape	33 47 S	18 58 E	25m. N	14	+	
635-01064	juv.	29.10.64	23.10.65	Paarl, Cape	34 05 S	18 45 E	20m. E	68	X	
Rondevlei, Cape	34 05 S	18 28 E						89	(?)	
553-5258	juv.	27.12.57	4.9.63	Paardevlei, Cape	34 05 S	18 45 E	20m. E	95	0	
553-0448	juv.	3.11.56	11.5.64	Paardevlei, Cape	34 05 S	18 45 E	20m. E	90	X	
553-2309	juv.	15.11.56	1.10.64	Paardevlei, Cape	34 05 S	18 45 E	20m. E	120	+	
553-3574	Ad.	12.4.57	29.10.64	Paardevlei, Cape	34 05 S	18 45 E	20m. E	12	+	
†525-0256	juv.	18.11.54	9.11.64	Paardevlei, Cape	34 05 S	18 45 E	20m. E	84	(?)	
585-09608	juv.	15.11.63	12.11.64	Paardevlei, Cape	34 05 S	18 45 E	20m. E	92	X	
553-5157	juv.	24.11.57	9.12.64	Paardevlei, Cape	34 03 S	18 26 E	5m. W	5	X	
553-3579	Ad.	20.4.57	14.12.64	Constantia, Cape	34 03 S	18 26 E	5m. W	112	X	
635-05810	juv.	23.12.64	9.5.65	Constantia, Cape	34 03 S	18 26 E	5m. W	112	+	
†635-06115	juv.	1.12.66	1.1.67	Constantia, Cape	34 03 S	18 26 E	5m. W	150	X	
†535-03863	juv.	8.11.57	12.5.67	Constantia, Cape	34 03 S	18 26 E	5m. W	132	X	
†524-1478	juv.	17.1.55	9.7.67	Constantia, Cape	33 58 S	18 25 E	9m. N	7	X	
†524-2611	juv.	23.11.54	17.9.64	Rondebosch, Cape Town	33 58 S	18 25 E	9m. N	78	(?)	
635-05988	juv.	21.10.65	8.6.66	Rondebosch, Cape Town	33 54 S	18 30 E	13m. N	85	X	
553-3819	juv.	1.11.57	21.5.64	Milnerton, Cape	33 54 S	18 30 E	13m. N	103	X	
553-5367	juv.	12.1.58	14.2.65	Milnerton, Cape	33 54 S	18 35 E	13m. NNE	117	X	
525-0692	juv.	4.1.55	18.8.63	Bellville, Cape	34 05 S	18 28 E	0	95	X	
†524-2580	juv.	17.12.54	29.9.64	Zeeoewlei, Cape	34 01 S	18 28 E	4m. N		X	
553-0434	juv.	3.11.56	5.10.64	Wetton, Wynberg, Cape						

553-2670	juv.	9.12.56	18.9.64	Greenpoint Common, Cape Town	33 59 S	18 30 E	13m. NNW	93	X	
553-3716	juv.	22.10.57	27.10.64	Tulbagh, Cape	33 18 S	19 12 E	64m. NNE	84	X	
553-0237	juv.	2.11.56	23.12.64	Pine Forest, Durbanville, Cape	33 50 S	18 37 E	18m. NNE	97	X	
553-3929	juv.	13.11.57	10.8.65	Worestor, Cape	33 40 S	19 28 E	52m. NE	93	X	
553-2563	juv.	3.12.56	4.10.65	Simonstown, Cape	34 10 S	18 22 E	12m. S	106	X	
586-07247	juv.	7.12.59	16.10.65	Paarl, Cape	33 45 S	18 59 E	35m. NE	70	(?)	
553-3560	juv.	30.3.57	16.12.65	Blaauwberg Strand, Cape	33 50 S	18 26 E	15m. NNW	102	X	
635-06049	juv.	16.11.65	12.65	Diep River, Cape	34 05 S	18 25 E	3m. N	1	X	
635-0556	juv.	13.11.56	9.4.66	Viottenberg, Cape	33 58 S	18 47 E	18m. NE	112	(?)	
635-06130	juv.	1.12.66	23.5.67	Westlake, Cape	34 07 S	18 25 E	4m. WSW	6	(?)	
A 2349		21.11.53	24.5.67	Durban, Natal	29 55 S	31 00 E	775m. NE	162	+	killed by car
586-06152		15.11.63	20.11.67	Greenbushes, Port Elizabeth	33 58 S	25 42 E	400m. E	48	X	
Maccovlei, Cape	34 05 S	18 28 E								
554-3083	juv.	30.10.60	11.11.64	Paardevlei, Somerset West, C.P.	34 05 S	18 45 E	18m. E	49	+	
585-09909	pull.	17.11.62	9.12.64	Paardevlei, Somerset West, C.P.	34 05 S	18 45 E	18m. E	25	(?)	
585-06701	juv.	25.11.61	17.7.63	Retreat, Cape	34 05 S	18 28 E	1m. NW	20	X	
585-01514	pull.	20.10.61	23.12.63	Zeekoivlei, Cape	34 05 S	18 28 E	1m. N	25	X	
585-06685	pull.	26.11.60	19.4.64	Zeekoivlei, Cape	34 05 S	18 28 E	1m. N	41	X	
585-01883	pull.	11.11.61	7.1.64	Constantia, Cape	34 03 S	18 26 E	6m. NW	25	X	
585-01971	pull.	18.11.61	13.12.66	Constantia, Cape	34 03 S	18 26 E	6m. NW	61	X	
585-03113	pull.	29.10.62	26.7.63	Lansdowne Road, Philippi, C.P.	34 00 S	18 30 E	5m. N	9	X	
585-09925	pull.	17.11.62	17.8.63	Ysterplaat Air Base, Cape	33 55 S	18 31 E	13m. N	9	X	
585-04453	juv.	23.10.62	19.11.63	Zoetendaal Vallei, Bredasdorp, C.P.	34 45 S	20 00 E	100m. E	13	X	
585-06606	juv.	26.11.60	30.4.65	Umlaas Road, Natal	29 49 S	30 38 E	560m. NE	53	X	
585-01792	pull.	11.11.61	16.10.65	Paarl Sewage Works, Cape	33 47 S	18 58 E	30m. NNE	47	X	
585-04454	pull.	23.10.62	27.10.65	Bosbou Reserve, Wolsley, Cape	33 40 S	19 15 E	61m. NE	36	X	
543-4957	pull.	26.1.63	15.4.66	Malmesbury, Cape	33 28 S	18 42 E	46m. N	39	X	
585-03167		29.10.62	15.7.67	Kuilsrivier, Cape	33 56 S	18 41 E	13m. NE	57	X	
Scottburgh, Natal	30 S	31 53 E								
635-05205	juv.	31.10.63	21.3.64	Empangeni, Zululand, Natal	28 50 S	31 55 E	125m. NNE	5	X	
585-06455	juv.	20.10.63	11.9.65	Nkwalini, Zululand, Natal	28 40 S	31 20 E	119m. N	23	X	
635-07454	pull.	10.11.63	3.11.64	Richmond, Natal	29 56 S	30 23 E	75m. NW	12	X	
635-06635	juv.	31.10.63	1.11.67	Richmond, Natal	29 56 S	30 23 E	75m. NW	49	X	
635-05102	juv.	31.10.63	19.2.64	Botha's Hill, Natal	29 53 S	30 48 E	37m. N	3	(?)	
635-08164	juv.	24.11.63	19.2.64	Ilovo, Natal	30 09 S	30 55 E	15m. N	3	X	caught by hawk
635-10065	juv.	15.11.64	31.1.65	Thornville, Natal	29 54 S	30 34 E	45m. NNW	2	X	
635-10199	juv.	15.11.64	18.5.65	Albert Falls, Natal	29 38 S	30 34 E	50m. NW	6	X	
635-09425	juv.	8.12.63	7.6.64	Hillcrest Natal	29 55 S	30 56 E	36m. N	6	X	
585-07890	pull.	10.11.63	---	S.P.C.A. Durban, Natal	29 55 S	31 00 E	30m. N	---	(?)	
635-09999	juv.	15.11.64	22.4.65	Lourenco Marques, Mozambique	25 59 S	32 35 E	320m. NNE	5	V	oiled, but cleaned
635-10057	juv.	15.11.64	16.3.67	Jonkershoek, Stellenbosch, Cape	34 00 S	18 55 E	740m. SW	24	X	
635-04742	juv.	20.10.63	23.12.67	Dohne District, Cape	32 25 S	27 28 E	250m. SW	50	X	
635-09902	juv.	15.11.64	20.1.68	Umvoti Dist. Greytown, Natal	29 08 S	30 39 E	160m. N	38	X	
Faithful Fountains, Cape	33 40 S	26 40 E								
585-03734	juv.	28.11.61	16.1.64	Port Alfred, Cape	33 37 S	26 58 E	10m. S	25	X	
543-4707	pull.	24.11.56	15.9.63	Monzi Dist., Mtubatuba, Zambia	16 23 S	27 28 E	480m. NNE	82	(?)	

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Firing re-covery code	Other details
543-4647	pull.	24.11.56	9 miles from Alexandria, Cape	33 38 S	26 25 E	10m. SW	96	X	
543-4642		24.11.56	6 miles from Seymour, Cape	32 35 S	26 45 E	80m. N	132	+	
69: Night Heron <i>Nycticorax nycticorax</i>									
Rondevlei, Cape	34 05 S 18 28 E		Rondevlei, Cape	34 05 S	18 28 E	0	94	X	
543-4456	pull.	13.11.55	Rondevlei, Cape	34 05 S	18 28 E	0	1	(?)	
586-06994		11.9.64	Rondevlei, Cape	34 05 S	18 28 E	0	123	(?)	
†543-4461	juv.	17.11.55	Rondevlei, Cape	34 05 S	18 28 E	0	2	X	
635-06083	juv.	14.1.66	Rondevlei, Cape	34 05 S	18 28 E	0			
73: Marabou Stork <i>Leptoptilos crumeniferus</i>									
Barberspan Transvaal	26 33 S 25 36 E		Barberspan, Transvaal	26 33 S	25 36 E	0	1	X	
508-1966		13.9.66							
78: Abdim's Stork <i>Ciconia abdimi</i>									
Salisbury, Rhodesia	17 45 S 31 10 E		Salisbury, Rhodesia	17 45 S	31 02 E	0	1	V	
597-01808		6.1.64	Salisbury, Rhodesia	17 45 S	31 02 E	0	2	X	
597-03060		2.1.64	Yokadauma, French Cameroun	04 15 N	15 00 E	1,700m. NW	4	V	
*597-03444		24.1.68							
80: European Stork <i>Ciconia ciconia</i>									
Bredasdorp, Cape	34 32 S 20 00 E		Vrede, O.F.S.	27 27 S	29 10 E	735m. NE	47	X	
*597-01982	pull.	3.12.61							
81: Sacred Ibis <i>Threskiornis aethiopicus</i>									
Recoveries of Sacred Ibis, ringed in South Africa, regularly occur in Barotseland, mostly in Barotseland, and their occurrence has been reviewed by Dowsett (1969). If the dates of these Zambian recoveries are plotted out as shown in Fig. 1, below, it can be seen that the peak recovery time is, as would be expected, outside the breeding season (given by McLachlan and Liversidge (1958) as August to March). A proportion of birds is also recovered during the breeding season. The age of these birds (av. 26 months) is slightly less than of those recovered outside the breeding season (av. 29 months). This difference is probably produced because the breeding season is so long that the first chicks will have fledged and flown north many weeks before the last ones do. It does, however, seem likely that a proportion of Sacred Ibis "overwinter" in the Barotseland area for about two years before returning to South Africa to breed for the first time.									
Schapen Island, Cape	33 05 S 18 01 E		Dassen Island, Cape	33 23 S	18 05 E	25m. S	5	X	
527-4987	pull.	22.12.63							
Rondevlei, Cape	34 05 S 18 28 E		Rondevlei Cape	34 05 S	18 28 E	0	6	(?)	
555-3448		1.12.55	Rondevlei Cape	34 05 S	18 28 E	0	3	(?)	
555-1665		5.12.56	Rondevlei Cape	34 05 S	18 28 E	0	0	(?)	
555-5486		12.1.67	Rondevlei Cape	34 05 S	18 28 E	0			
Maccoavlei, Cape	34 05 S 18 28 E		Maccoavlei, Cape	34 05 S	18 28 E	0	63	X	
587-04882	pull.	26.11.60	Strandfontein, Cape	34 07 S	18 33 E	5m. E	56	X	
587-04849	juv.	15.10.62	Strandfontein, Cape	34 07 S	18 33 E	5m. E	61	X	
587-04893	juv.	3.11.62	Strandfontein, Cape	34 07 S	18 33 E	5m. E			

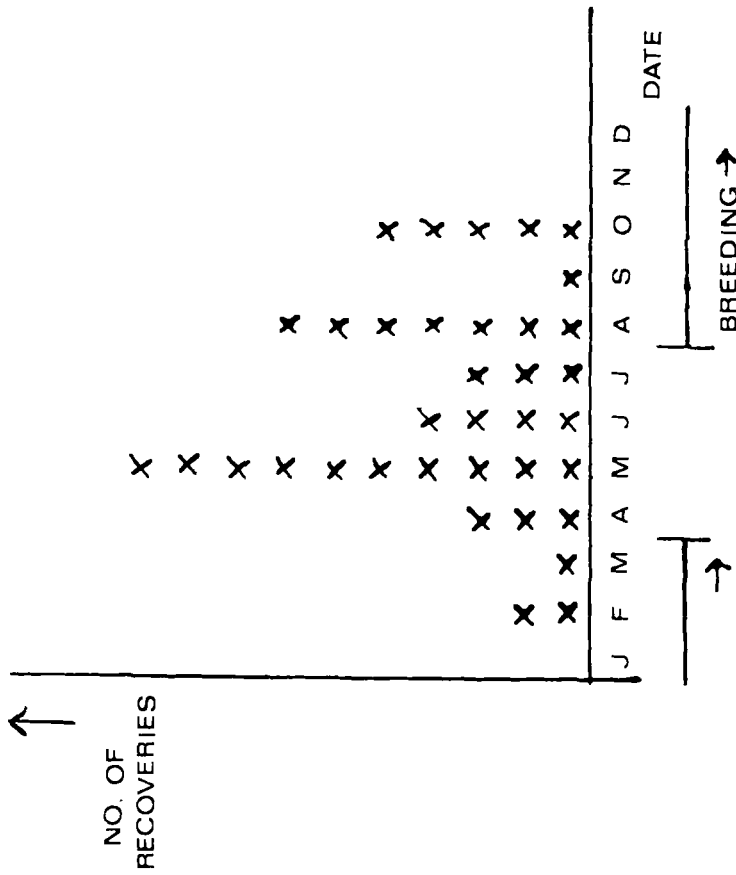


FIG. 1

Fig. 1. Distribution of Sacred Ibis recoveries in Zambia in relation to the date and the breeding season in South Africa.

Ringling Location	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Furing re-covery code	Other details
587-04941		24.11.62	2.10.64	Durbanville, Cape	33 50 S	18 38 E	24m. NNE	22	X	
587-04916	juv.	3.11.62	13.1.65	Durbanville, Cape	33 50 S	18 38 E	20m. NNE	26	X	
587-04905	juv.	10.11.62	26.8.64	Zeekoewivlei, Cape	34 05 S	18 28 E	0	56	X	
587-04881	juv.	26.11.60	25.11.65	Milnerton, Cape	33 56 S	18 27 E	13m. N	60	X	
Welkom, Orange Free State	28 00 S 26 44 E									
*597-02497	juv.	29.12.62	27.6.65	Mongu, Dist. Zambia	15 16 S	23 03 E	930m. NNW	30	X	
*546-07183	juv.	2.11.63	22.8.65	Miwandi, Barotseland, Zambia	16 30 S	24 48 E	750m. NNW	22	+	
*597-02492	juv.	29.12.62	26.5.64	Limulunga, Zambia	15 16 S	23 03 E	926m. NNW	17	+	
Modder East, Benoni	26 10 S 28 25 E									
553-02550		2.3.58	9.1.64	Evanda, E. Transvaal	26 30 S	29 05 E	50m. ESE	70	X	
586-0298		20.12.59	9.1.64	Evanda, E. Transvaal	26 30 S	29 05 E	50m. ESE	48	X	
525-0496		20.10.56	9.1.64	Evanda, E. Transvaal	26 30 S	29 05 E	50m. ESE	86	X	
*525-4862	juv.	16.10.55	8.4.65	Mongu Dist. Zambia	15 16 S	23 03 S	825m. NNW	113	X	
*555-2054	juv.	7.10.56	29.7.65	Senanga, Zambia	15 59 S	23 15 E	760m. NNW	106	+	
555-4057	pull.	20.1.57	19.4.65	Benoni, Transvaal	26 10 S	28 18 E	5m.	99	X	killed by dog
†525-2101	juv.	23.10.55	29.12.65	Honeydew, Johannesburg	26 10 S	28 05 E	25m. W	122	X	
Westdene, Benoni	26 10 S 28 24 E									
*597-02689	juv.	21.1.63	18.8.64	Livingstone, Zambia	17 48 S	25 58 E	600m. NNW	19	(?)	
*587-03660	juv.	26.1.63	30.4.65	Kafue Plain, Zambia	15 45 S	28 25 E	750m. NNW	27	+	
*597-03966	juv.	20.10.63	23.6.65	Kafue Plain, Zambia	16 00 S	26 00 E	720m. NNW	16	X	killed by caracal
*597-03718	juv.	20.10.63	19.3.65	Kafue Nat. Park, Zambia	16 00 S	26 00 E	720m. NNW	16	X	
*546-06916		20.10.63	5.64	Mwandi, Zambia	16 30 S	24 48 E	740m. NNW	7	+	
546-06169		19.1.63	10.66	Mwandi, Zambia	16 30 S	24 48 E	740m. NNW	44	+	
546-08573	pull.	20.2.65	10.66	Mwandi, Zambia	16 30 S	24 48 E	740m. NNW	19	+	
*546-06909	juv.	20.10.63	12.8.65	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	21	(?)	
587-03687	juv.	12.1.63	14.8.65	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	31	+	
597-02785	juv.	12.1.63	12.8.65	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	31	(?)	
597-04963	juv.	3.11.63	24.8.64	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	10	+	
546-06043	juv.	19.1.63	12.8.67	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	55	+	
597-03776	juv.	20.10.63	5.65	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	19	(?)	
597-03612	juv.	20.10.63	5.65	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	19	(?)	
546-06002	juv.	19.1.63	8.8.67	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	54	(?)	
597-02367	juv.	12.1.63	27.6.64	Mongu Dist, Zambia	15 16 S	23 03 E	825m. NNW	17	+	
*597-03690	juv.	20.10.63	7.64	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	9	+	
597-03840	juv.	20.10.63	27.5.65	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	19	+	
597-03719	juv.	20.10.63	5.68	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	54	(?)	
546-06149	juv.	19.1.63	13.10.64	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	20	(?)	
597-03926	juv.	20.10.63	10.2.67	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	39	+	
546-08358	juv.	30.1.65	10.10.66	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	20	+	
546-08668	pull.	20.2.65	24.3.67	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	25	+	
546-08577	pull.	20.2.65	10.10.66	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	19	+	
546-06793		20.10.63	6.66	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	32	+	

546-06804	20.10.63	28.5.67	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	43	+
597-04938	3.11.63	24.5.67	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	42	+
597-02680	12.1.63	23.5.64	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	16	+
546-06946	20.10.63	6.5.64	Shesheke, Zambia	17 20 S	24 50 E	625m. NNW	7	+
*546-06008	19.1.63	8.7.64	Senanga, Zambia	15 59 S	23 15 E	760m. NNW	17	+
546-06419	12.1.63	9.9.56	Senanga, Zambia	15 59 S	23 15 E	760m. NNW	31	+
*546-08599	20.2.65	3.4.65	Muiobesi, Zambia	16 50 S	25 05 E	700m. NNW	1	+
546-06817	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
546-06767	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
546-06958	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03923	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03854	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03743	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03674	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03964	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03941	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03642	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
597-03929	20.10.63	31.3.64	Korsman Bird Sanc. Benoni	26 10 S	28 18 E	0	5	X
546-06435	12.1.63	20.11.63	Rynfield, Benoni, T.V.	26 10 S	28 18 E	0	11	(?)
597-04884	3.11.63	15.7.64	5 miles from Frankfort, O.F.S.	27 10 S	28 30 E	77m. S	8	X
546-06847	20.10.63	6.2.64	Heilbron, Transvaal	27 08 S	28 12 E	55m. S	3	X
597-03825	20.10.63	1.12.65	Standerton, Transvaal	27 00 S	29 30 E	80m. SE	25	(?)
597-04973	3.11.63	14.7.64	Newcastle, Natal	27 45 S	30 00 E	147m. SE	8	X
597-02587	12.1.63	15.1.65	Mafeking, Cape	25 48 S	25 30 E	150m. WNW	24	X
546-06713	20.10.63	10.65	Eastern Caprivi Strip, S.W.A.	17 50 S	24 50 E	625m. NW	24	X
597-04924	3.11.63	3.2.66	Balfour, Transvaal	26 35 S	28 35 E	37m. SE	27	(?)
546-06585	3.11.63	1.11.64	Serfontein, O.F.S.	27 26 S	27 25 E	100m. SW	12	X
597-04928	3.11.63	20.10.65	Alberton, Transvaal	26 10 S	28 08 E	12m. WSW	24	(?)
546-08657	20.2.65	4.8.65	Swartklip, Transvaal	24 58 S	27 15 E	115m. NW	6	X
546-06857	20.10.63	25.4.68	Grassmere, Transvaal	26 27 S	27 50 E	32m. SW	53	X
546-06820	20.10.63	6.7.64	Witkoppen, Transvaal	26 10 S	27 15 E	20m. W	8	X
546-08328	30.1.65	26.3.65	Leslie, Transvaal	26 25 S	28 58 E	37m. ESE	2	X
546-06881	20.10.63	29.3.64	Potgietersrus, Transvaal	24 10 S	29 00 E	145m. NNE	5	X
*597-02567	12.1.63	2.67	20m. E. of Grootfontein, S.W.A.	19 28 S	18 12 E	800m. NW	49	+
Westdene, Benoni	26 10 S	28 18 E						
597-04209	12.4.63	10.7.61	Zecrust, Transvaal	25 33 S	26 01 E	145m. WNW	3	X
597-04252	18.5.63	9.8.63	Benoni, Transvaal	26 10 S	28 18 E	0	2	X
597-04246	4.5.63	30.9.63	Kroonstad, O.F.S.	27 23 S	27 48 E	120m. SSW	5	(?)
*646-00005	5.6.65	29.8.65	Grassridge Dam, C.P.	31 43 S	25 17 E	423m. SSW	3	x
B 1462	19.7.52	9.1.64	E.vander, Transvaal	26 30 S	29 05 E	50m. ESE	137	x
Barberspan, Transvaal	26 33 S	25 36 E						
554-8553	31.5.60	30.9.63	Welkom, O.F.S.	28 00 S	26 45 E	120m. SE	40	x

85: Spoonbill *Platalea alba*86: Greater Flamingo *Phoenicopterus ruber*

killed by hail

killed by car

Ringling Location	Co-ordinates	Age	Ringling Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month code	Earing re-covery Other details
88: Spurwing Goose <i>Plectropterus gambensis</i>										
The greater majority of recoveries are of birds ringed at Allemanskraal Dam. The overall picture is of quite high shooting pressure on the species though nothing closely comparable to that on geese in Europe (see Milstein, in press. Proc. 3rd. P.A.O.C.). In one year, 1964, the pressure from shooting and trapping at Allemanskraal was particularly high. Of the 48 recoveries, 30 were made within 1 month of ringing, 5 within 2 months and the remaining 13 averaged 16 months until recovery. The longest time elapsed was only 3 years and 4 months.										
Erfenis, Rietfontein, O.F.S.	28 28 S	26 48 E				28 30 S	27 22 E	25m. E	1	x
509-1493	Ad.	8.7.64	28.7.64		Winberg, O.F.S.	28 30 S	27 22 E	25m. E	1	x
509-1529	Ad.	15.5.65	15.6.65		18m. from Winberg, O.F.S.	28 30 S	27 22 E	18m. SE	1	x
*509-2379	Ad.	10.4.65	6.2.66		Swartberg Dist. Mt. Currie C.P.	30 13 S	29 22 E	210m. SE	10	(?)
509-2352	Ad.	15.7.64	17.7.65		Theunissen Dist. O.F.S.	28 25 S	26 43 E	5m. N	12	+
509-1494	Ad.	4.7.64	10.9.64		Erfenis Dam, O.F.S.	28 28 S	26 48 E	0	2	+
509-1489	Ad.	22.6.64	10.9.64		Erfenis Dam, O.F.S.	28 28 S	26 48 E	0	3	+
509-1483	Ad.	14.6.64	10.9.64		Erfenis Dam, O.F.S.	28 28 S	26 48 E	0	3	+
509-1488	Ad.	22.6.64	20.7.64		Erfenis Dam, O.F.S.	28 28 S	26 48 E	0	1	0
509-1488	Ad.	9.7.65	11.66		Scheerpoort, Transvaal	28 28 S	26 48 E	0	16	x
509-2384	Ad.	10.4.65	6.66		Wolmaransstad, Tvl.	27 12 S	26 00 E	95m. NNW	14	(?)
Barberspan, Transvaal	26 33 S	25 36 E								
508-1963	Ad.	4.8.64	14.9.65		Oppermanskraal, Winberg, O.F.S.	28 30 S	27 22 E	160m. SE	13	x
508-1955	Ad.	30.7.64	26.6.65		Petrusburg Dist., O.F.S.	29 05 S	25 25 E	175m. S	13	+
*508-1896	Ad.	27.7.64	7.1.64		Zastron, O.F.S.	30 10 S	27 06 E	275m. SE	30	+
508-1933	Ad.	31.6.72	15.12.64		Warmbaths Dist., Tvl.	24 52 S	28 19 E	205m. NE	29	+
508-1913	Ad.	6.62	64		Potchefstroom Dist., Tvl.	26 40 S	27 15 E	105m. E	(?)	(?)
Vaal Dam, Transvaal	27 02 S	28 19 E								
508-2786	Ad.	27.7.64	12.8.66		Frankfort, O.F.S.	27 15 S	28 30 E	10m. S	25	+
508-2741	Ad.	26.6.64	8.8.64		Dist., Kroonstad, O.F.S.	27 25 S	27 48 E	70m. SW	2	x
509-0137	Ad.	27.5.64	7.6.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-132	Ad.	27.5.64	7.6.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1460	Ad.	24.5.64	7.6.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1657	Ad.	27.7.64	18.9.64		Allemanskraal Dam	28 19 S	27 10 E	0	2	+
509-0672	Ad.	24.8.64	27.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	0	0
509-0713	Ad.	3.9.64	18.9.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	x
509-0751	Ad.	29.10.64	10.11.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	x
509-0678	Ad.	26.8.64	19.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	+
509-1665	Ad.	27.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1613	Ad.	4.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1625	Ad.	5.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1626	Ad.	5.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1627	Ad.	5.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1628	Ad.	5.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1629	Ad.	5.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1643	Ad.	25.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0
509-1647	Ad.	26.7.64	13.8.64		Allemanskraal Dam	28 19 S	27 10 E	0	1	0

509-1661	Ad.	27.7.64	13.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
509-0625	Ad.	8.8.64	13.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-0640	A.J.	11.8.64	13.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-1435	Ad.	5.8.64	13.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-1658	Ad.	27.7.64	13.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-1655	Ad.	27.7.64	20.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
509-0653	Ad.	14.8.64	20.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-1684	Ad.	29.7.64	7.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	+
509-1675	Ad.	27.7.64	30.7.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	+
509-1662	Ad.	27.7.64	7.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	+
509-1456	Ad.	24.5.64	29.7.64	Allemaanskraal Dam	28 19 S	27 10 E	0	2	+
509-1462	Ad.	24.5.64	29.7.64	Allemaanskraal Dam	28 19 S	27 10 E	0	2	+
509-1688	Ad.	29.7.64	29.7.64	Allemaanskraal Dam	28 18 S	27 10 E	0	0	+
509-1479	Ad.	26.5.64	29.7.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	+
509-0107	juv.	23.5.64	14.7.64	Allemaanskraal Dam	28 19 S	27 10 E	0	2	+
509-1638	Ad.	25.7.64	20.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-0667	Ad.	22.8.64	27.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
509-0662	Ad.	21.8.64	27.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	0	0
509-0659	Ad.	19.8.64	27.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
509-1644	Ad.	4.7.64	20.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
509-1645	Ad.	25.7.64	20.8.64	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
509-0811	juv.	9.8.65	24.1.66	Allemaanskraal Dam	28 19 S	27 10 E	0	1	0
546-14162		25.8.65	26.6.68	Allemaanskraal Dam	28 19 S	27 10 E	0	1	(?)
546-14165		23.7.65	9.66	Erfenis Dam, Theunissen, O.F.S.	28 28 S	26 48 E	30m. WSW	37	X
546-14103		24.7.65	9.66	Erfenis Dam, Theunissen, O.F.S.	28 28 S	26 48 E	30m. WSW	15	X
509-0759		6.7.65	8.66	Hobhouse, O.F.S.	29 32 S	27 10 E	84m. S	13	(?)
509-1619		7.10.64	30.10.66	Winberg, O.F.S.	28 30 S	27 22 E	20m. SSW	24	(?)
509-1648		5.7.64	10.8.64	Winberg Dist., O.F.S.	28 30 S	27 22 E	20m. SSW	13	+
509-1770		26.7.64	15.6.65	Heilbron, O.F.S.	27 08 S	28 12 E	85m. NE	11	(?)
509-2788	Ad.	1.5.65	10.6.66	Senekal Dist., O.F.S.	28 20 S	27 37 E	30m. E	13	(?)
509-1400	Ad.	20.5.65	10.6.66	Senekal Dist., O.F.S.	28 20 S	27 37 E	30m. E	13	(?)
546-10067	Ad.	22.7.65	7.1.68	Daniëlsrust, O.F.S.	28 02 S	28 23 E	75m. ENE	29	+
508-0842	juv.	18.6.65	18.4.66	Hertzogville Dist., O.F.S.	28 10 S	25 30 E	100m. W	10	x
509-1444	Ad.	9.7.65	16.11.65	30 miles N. Bloemfontein, O.F.S.	29 12 S	26 15 E	55m. SW	4	x
509-0781	Ad.	2.8.64	26.10.67	18 miles S of Bloemfontein, O.F.S.	29 26 S	26 15 E	100m. SW	27	(?)
509-0637	Ad.	11.6.65	31.5.66	18 miles S of Bloemfontein, O.F.S.	29 26 S	26 15 E	100m. SW	35	+
509-1039	Ad.	10.8.64	8.6.66	36 miles W. Bloemfontein, O.F.S.	29 26 S	26 15 E	100m. SW	11	+
509-0125	Ad.	12.7.65	16.9.67	Vaal Dam	29 12 S	25 30 E	110m. SW	22	+
509-1672	Ad.	27.5.64	17.10.64	Sansouci, near Pretorius Game Reserve, O.F.S.	27 02 S	28 19 E	155m. NE	26	x
509-0666	Ad.	27.5.64	9.12.65	Zastron, O.F.S.	28 15 S	26 15 E	55m. NW	5	+
509-0654	Ad.	28.7.64	11.11.65	Soutpansberg Dist., O.F.S.	30 10 S	27 06 E	135m. S	19	(?)
509-1698	Ad.	14.8.64	26.5.66	Wepener, O.F.S.	29 45 S	27 03 E	100m. S	16	x
509-1698	Ad.	31.7.64	29.5.65	Rouxville, O.F.S.	30 25 S	26 50 E	145m. S	21	+
509-1650	Ad.	26.7.64	11.6.65	Koffiefontein, O.F.S.	29 25 S	25 00 E	150m. SW	9	+
509-1037	Ad.	11.7.65	29.7.66	Dewetsdorp, O.F.S.	27 27 S	29 10 E	140m. NE	11	x
					29 35 S	26 38 E	95m. SSW	12	0

Ringling Location	Co-ordinates	Age	Ringling Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month code	Furling re-covery code	Other details
546-13934			28.6.65	8.9.67	Bethlehem Dist., O.F.S.	28 05 S	28 30 E	70m. E	27	+	
*509-0656			10.8.64	3.68	5 miles from Kokstad, O.F.S.	30 33 S	29 27 E	210m. SE	43	x	
509-10389	juv.		12.7.65	23.9.67	Gabrielsburg Farm (Dist. unknown)			?	26	+	
508-0840			8.7.65	18.6.67	Underburg Area, Natal	29 45 S	29 30 E	175m. SE	23	+	
509-1362	Ad.		17.5.65	18.6.67	Underburg Area, Natal	29 45 S	29 30 E	175m. SE	25	+	
509-1362	Ad.		17.5.65	18.6.67	Underburg Area, Natal	29 45 S	29 30 E	173m. SE	25	+	
509-0720	Ad.		27.8.64	10.12.64	Mateking Dist., Cape	25 52 S	25 35 E	180m. NW	4	X	
*508-2655	Ad.		7.7.65	11.1.68	Stutterheim, Cape	32 35 S	27 28 E	295m. S	30	(?)	
509-1327	Ad.		15.5.65	24.4.66	Dordrecht	31 20 S	26 57 E	210m. E	11	(?)	
*546-14121	Ad.		6.7.65	18.11.65	Queenstown Dist., Cape	31 55 S	27 01 E	250m. S	4	+	
546-13913	juv.		26.5.65	27.12.65	Lady Grey, Cape	30 45 S	27 15 E	170m. S	6	x	
509-2968			10.5.65	17.10.65	Matatiele, Cape	30 20 S	28 66 E	170m. SE	5	x	

89: Egyptian Goose *Alopochen aegyptiacus*

The recovery of Egyptian Geese have been dealt with in detail recently and by Milstein (in press). It is interesting however, to note that the 197 recoveries below were recovered in the following ways:

45% shot
24% "Found Dead"
16% Trapped

Rondevlei Bird Sanctuary, Cape	34 05 S	18 28 E							1	x	predator killed by hail
C. 1770	16.9.63	10.2.64	28.9.64	Rondevlei, Cape	33 15 S	19 01 E	55m. NE		4	x	
Voëlvlei, Gouda, Cape	33 15 S	19 01 E							2	+	
546-10372	Ad.	26.1.66	27.3.66	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	0		12	+	
546-13306	Ad.	3.3.65	15.3.66	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	12		12	+	
546-13301	Ad.	3.3.65	15.3.66	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	12		12	+	
546-10259	Ad.	22.12.65	27.3.66	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	12		3	+	
546-13253	Ad.	3.3.65	15.3.66	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	12		12	+	
C. 2806	Ad.	24.5.66	9.3.68	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	21		21	+	
546-10274	Ad.	26.1.66	3.5.68	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	27		27	(?)	
546-12834	Ad.	30.7.64	12.64	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	5		5	+	
546-12551	Ad.	21.5.64	12.64	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	7		7	+	
546-13309	Ad.	3.3.65	8.5.65	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	1		1	+	
546-13141	Ad.	8.12.64	29.12.64	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	10		10	+	
546-12886	Ad.	26.8.64	9.12.64	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	0		0	+	
546-13123	Ad.	8.12.64	21.3.66	Voëlvlei, Gouda, Cape	33 15 S	19 01 E	16		16	+	
546-12906	Ad.	5.5.64	22.1.66	Paarl, Cape	33 45 S	18 57 E	30m. S		21	(?)	
546-10342	Ad.	24.3.66	23.4.66	Paarl, Cape	33 45 S	18 57 E	30m. S		1	+	
546-12527	Ad.	21.5.64	22.1.66	Paarl, Cape	33 45 S	18 57 E	30m. S		20	(?)	
546-13274	Ad.	18.2.65	9.7.65	Paarl, Cape	33 45 S	18 57 E	30m. S		4	+	
546-12988	Ad.	21.5.64	29.11.65	Berg River Dist., Cape	32 55 S	18 20 E	48m. NW		23	/	

13% Unknown
1% Predated
0.5% Killed by hail
0.5% Flew into wire

546-13409	Ad.	20.7.64	8.8.65	Berg River Dist., Cape	32 55 S	18 20 E	48m. NW	12	x	+
646-04293	Ad.	18.2.65	3.11.65	Berg River Dist., Cape	32 55 S	18 20 E	48m. NW	8	+	
546-13400	Ad.	3.3.65	25.10.65	Berg River Dist., Cape	32 55 S	18 20 E	48m. NW	8	(?)	
546-13402	Ad.	20.7.65	7.65	Porterville Dist., Cape	33 00 S	19 00 E	25m. NW	1	+	
546-12735	Ad.	4.7.64	23.7.64	Porterville Dist., Cape	33 00 S	19 00 E	25m. NW	1	+	
546-12603	Ad.	5.6.64	4.1.65	Sutherland Dist., Cape	32 30 S	20 48 E	119m. NE	7	x	
546-13273	Ad.	18.2.65	11.11.65	Sutherland Dist., Cape	32 30 S	20 48 E	119m. NE	8	+	
546-13352	Ad.	3.3.65	1.4.65	Piketberg, Cape	32 53 S	18 50 E	40m. NW	1	+	
546-13267	Ad.	18.2.65	2.3.65	Piketberg, Cape	32 53 S	18 50 E	40m. NW	1	+	
546-10318	Ad.	26.1.66	13.6.66	Piketberg, Cape	32 53 S	18 50 E	40m. NW	4	+	
546-13442	Ad.	20.7.65	21.10.65	Moorreesburg, Cape	33 18 S	18 43 E	27m. NNW	4	+	
546-12524	Ad.	21.5.64	16.5.66	Moorreesburg, Cape	33 18 S	18 43 E	27m. NNW	23	(?)	
546-12917	Ad.	5.5.64	9.9.65	Moorreesburg, Cape	33 18 S	18 43 E	27m. NNW	16	(?)	
546-12939	Ad.	21.5.64	3.10.64	Moorreesburg, Cape	33 18 S	18 43 E	27m. NNW	4	+	
546-12878	Ad.	26.8.64	3.10.64	Moorreesburg, Cape	33 18 S	18 43 E	27m. NNW	1	+	
*546-12898	Ad.	4.7.64	28.10.64	Moorreesburg, Cape	33 18 S	18 43 E	27m. NNW	1	+	
546-12602	Ad.	5.6.64	16.1.65	Gibeon, S.W.A.	25 10 S	17 52 E	565m. N	6	+	
546-12781	Ad.	30.7.64	5.12.64	Gibeon, S.W.A.	25 10 S	17 52 E	565m. N	7	+	
*546-12876	Ad.	30.7.64	11.3.66	Gibeon, S.W.A.	25 10 S	17 52 E	565m. N	4	x	
546-12846	Ad.	30.7.64	7.66	Maitahoche, S.W.A.	24 55 S	16 56 E	602m. NW	19	0	
*546-12765	Ad.	15.7.64	7.66	Maitahoche, S.W.A.	24 55 S	16 56 E	602m. NW	4	+	
546-12626	Ad.	5.6.64	5.8.67	Mariental Dist., S.W.A.	24 55 S	16 56 E	602m. NW	24	(?)	
546-12925	Ad.	5.5.64	15.4.66	Mariental Dist., S.W.A.	24 40 S	18 00 E	608m. N	37	(?)	
546-12968	Ad.	21.5.64	6.10.65	Mariental Dist., S.W.A.	24 40 S	18 00 E	608m. N	23	(?)	
*546-12758	Ad.	15.6.64	9.11.64	Mariental Dist., S.W.A.	24 40 S	18 00 E	608m. N	16	+	
546-13117	Ad.	16.10.64	7.9.66	Mariental, S.W.A.	24 40 S	18 00 E	608m. N	4	+	
546-12898	Ad.	26.8.64	28.10.64	Mariental, S.W.A.	24 40 S	18 00 E	608m. N	23	x	
546-13249	Ad.	18.2.65	15.10.65	Keetmanshoop, S.W.A.	26 18 S	17 02 E	487m. NNW	2	+	
546-12570	Ad.	5.6.64	18.1.66	Bredasdorp Dist., C.P.	34 32 S	20 00 E	105m. SE	8	0	
546-13243	Ad.	18.2.65	2.1.68	Bredasdorp Dist., C.P.	34 32 S	20 00 E	105m. SE	19	+	
546-10264	Ad.	22.12.65	4.1.68	Bredasdorp Dist., C.P.	34 32 S	20 00 E	105m. SE	27	+	
546-13364	Ad.	3.3.65	15.6.68	Ceres Dist., C.P.	33 22 S	18 18 E	20m. E	24	x	
546-12907	Ad.	5.5.64	15.8.64	Ceres Dist., C.P.	33 22 S	18 18 E	20m. E	39	+	
546-12595	Ad.	5.6.64	13.11.65	Kakamas, Orange River, C.P.	28 45 S	20 34 E	282m. NNE	3	x	
546-12613	Ad.	5.6.64	10.64	Kakamas, Orange River, C.P.	28 45 S	20 34 E	282m. NNE	17	x	
546-12563	Ad.	5.6.64	25.11.64	Caledon Dist., C.P.	28 45 S	20 34 E	282m. NNE	4	(?)	
546-10252	Ad.	22.12.65	24.6.67	Caledon Dist., C.P.	34 12 S	19 27 E	69m. SE	5	x	
546-13455	Ad.	20.7.65	14.6.68	Keetmanshoop, S.W.A.	34 12 S	19 27 E	69m. SE	18	x	
546-12728	Ad.	4.7.64	11.11.64	Steylerville, C.P.	26 30 S	18 05 E	468m. NNW	35	f	
546-13186	Ad.	15.1.65	21.2.67	Herman Dist. C.P.	33 20 S	28 20 E	306m. E	4	x	
546-13067	Ad.	26.8.64	11.11.64	Clanwilliam, C.P.	33 27 S	18 58 E	7m. SSW	25	x	
546-10360	Ad.	24.3.66	29.11.66	Kruidfontein Sin., C.P.	31 30 S	18 55 E	127m. N	3	0	
546-12662	Ad.	5.6.64	25.11.64	Brandvlei Dist., C.P.	32 20 S	24 42 E	365m. ENE	8	0	
546-10336	Ad.	26.1.66	20.3.67	Switendram Dist., C.P.	30 40 S	20 30 E	170m. NNE	5	x	
546-12707	Ad.	4.7.64	2.8.65	Orange River Mouth, C.P.	34 10 S	16 30 E	357m. NW	15	+	
546-13431	Ad.	20.6.65	20.6.68	Violsdrift, Orange River, C.P.	28 48 S	17 38 E	340m. NNW	14	x	
546-10249	Ad.	22.12.65	21.7.67	Franschhoek, C.P.	33 55 S	19 08 E	42m. S	36	x	
546-13369	Ad.	3.3.65	4.12.65	Wellington, C.P.	33 37 S	19 00 E	17m. S	7	+	
646-04262	Ad.	18.2.65	2.8.65	Lainsburg Dist., C.P.	33 15 S	20 58 E	109m. E	9	+	

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Ringling Location	Co-ordinates	Ringling Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	Banding recovery code	Other details
546-12739	15.7.64	26.10.64	Springbok Dist., C.P.	29 45 S	17 56 E	260m. N	3	(?)		
546-10269	26.1.66	7.67	Nieuwoudville, C.P.	31 35 S	19 15 E	130m. N	17	+		
546-10134	9.6.65	29.6.67	Goodhouse, C.P.	28 56 S	18 15 E	348m. N	24	x		
546-10467	24.5.66	3.68	Willowmore, C.P.	33 10 S	23 37 E	258m. E	21	x		
546-10151	9.6.65	16.10.65	Philadelpha, C.P.	33 39 S	18 33 E	36m. SSW	4	+		
546-12946	21.5.64	12.10.64	Hamlet, C.P.	33 15 S	19 15 E	18m. E	4	+		
546-13040	26.8.64	11.64	Velddrif, C.P.	32 45 S	18 10 E	62m. NW	3	+		
546-12628	5.6.64	14.9.64	Alexanderbaai, C.P.	28 45 S	16 36 E	355m. NW	3	(?)		
546-13077	26.8.64	7.65	Luckhoff, C.P.	29 45 S	24 48 E	435m. NE	11	+		
546-13234	18.2.65	15.2.67	Knyssa, C.P.	34 02 S	23 02 E	135m. ESE	24	x		
*546-12829	30.7.64	31.9.67	Bloemfontein - Petrusberg Dist., O.F.S.	29 10 S	25 45 E	550m. NE	38	+		
Vaal Dam, Transvaal	27 02 S	28 15 E		27 02 S	28 15 E	0m.	1	x		
546-09524	30.6.65	16.8.65	Vaal Dam	27 02 S	28 15 E	0m.	38	+		
546-09256	25.3.65	8.6.68	Vaal Dam	27 02 S	28 15 E	0m.	1	x		
546-09692	16.7.65	16.8.65	Vaal Dam	27 02 S	28 15 E	0m.	28	x		
546-09663	13.7.65	20.11.67	Estcourt Dist., Natal	29 00 S	29 56 E	170m. SE	28	x		predator
546-09529	1.7.65	15.10.65	Redford, C.P.	32 42 S	26 05 E	410m. SW	3	x		
546-09685	16.7.65	29.4.66	Welkom, O.F.S.	28 00 S	26 45 E	107m. SW	9	+		
546-09625	8.7.65	23.9.65	Frankfort Dist., O.F.S.	27 10 S	28 30 E	25m. S	2	+		
546-09504	26.5.65	9.7.67	Kaffirriver Dam, Bloemfontein Dist.	29 12 S	26 20 E	213m. SSW	25	+		
546-09502	26.5.65	9.7.67	Kaffirriver Dam, Bloemfontein Dist.	29 12 S	26 20 E	213m. SSW	25	x		
546-09286	18.5.65	24.11.65	Orange and Caledon River confluence	30 27 S	26 15 E	274m. SSW	6	+		
546-09686	16.7.65	1.9.65	Colesburg, Cape	30 43 S	25 06 E	325m. SW	1	x		
*546-09257	25.3.65	4.1.68	Bredasdorp Dist., C.P.	34 35 S	20 00 E	720m. SW	33	+		
Barberspan Reserve, Transvaal	26 33 S	25 36 E		31 35 S	25 00 E	338m. S	18	x		
546-05016	Ad.	27.11.63	Middelburg Dist., C.P.	31 35 S	25 00 E	338m. S	56	x		
546-05012	16.5.62	22.1.67	Middelburg Dist., C.P.	27 54 S	26 50 E	119m. SE	51	+		
546-04887	Ad.	7.10.64	Riebeckstad Dist., O.F.S.	30 00 S	26 45 E	250m. SE	49	+		
546-04883	6.6.59	8.7.64	Wepener and Smithfields Dist., O.F.S.	28 32 S	26 20 E	180m. SE	12	+		
546-05092	19.5.65	4.6.66	Dist. Bloemfontein, O.F.S.	28 28 S	26 48 E	0m.	2	+		
Erferis Dam, O.F.S.	28 28 S	26 48 E		28 28 S	26 48 E	0m.	2	+		
546-07421	Ad.	22.5.65	Erferis Dam, O.F.S.	28 28 S	26 48 E	0m.	2	+		
536-04353	Ad.	13.7.64	Erferis Dam, O.F.S.	28 28 S	26 48 E	0m.	2	+		
546-07208	30.11.64	5.3.66	Erferis Dam, O.F.S.	28 28 S	26 48 E	0m.	15	+		
536-04338	8.7.64	20.7.64	Erferis Dam, O.F.S.	28 28 S	26 48 E	0m.	1	0		
536-04344	11.7.64		Erferis Dam, O.F.S.	28 28 S	26 48 E	0m.	1	0		
536-04652	20.8.64	12.11.64	Petrusville, C.P.	30 05 S	24 40 E	168m. SW	2	+		
546-07260	Ad.	14.1.65	Graaff Reinet Dist., C.P.	32 30 S	24 47 E	206m. S	7	0		
546-07402	Ad.	16.5.65	Orange River Station, C.P.	29 39 S	24 16 E	171m. SW	8	x		
Blydskap, Orangeville	27 00 S	28 15 E		27 02 S	28 15 E	1m. S	0	+		(?)
536-04011	Ad.	30.6.64	Vaal Dam, Tvl.	26 30 S	30 00 E	113m. NE	17	+		
536-04013	Ad.	30.6.64	Ermelo Dist., Tvl.							

	Ad.	O.F.S.	28	19	S	27	10	E	19	02	S	32	55	E	435m.	NE	17	x	+
Allemaanskraal Dam,	546-09141	O.F.S.	9.4.65	7.10.66	Vila de Mancica, Mozambique				28	19	S	27	10	E	0m.		1	x	
	536-04105		4.4.64	16.5.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	x	
	536-04875	Ad.	31.7.64	19.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		2	x	
	536-04874	Ad.	31.7.64	22.9.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04166	Ad.	25.5.64	7.6.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		3	0	
	536-04229	Ad.	25.5.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	(?)
	536-04265	Ad.	24.4.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04267	Ad.	25.7.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04849	Ad.	29.7.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04869	Ad.	30.7.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04881	Ad.	2.8.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04896	Ad.	6.8.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04275	Ad.	27.7.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04840	Ad.	27.7.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04256	Ad.	27.7.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04260	Ad.	27.7.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04261	Ad.	27.7.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04264	Ad.	27.7.64	20.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04897	Ad.	6.8.64	27.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04276	Ad.	25.7.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04270	Ad.	25.7.64	13.8.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04277	Ad.	29.7.64	30.7.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	536-04839	Ad.	27.7.64	30.7.64	Allemaanskraal Dam, O.F.S.				28	19	S	27	10	E	0m.		1	0	
	546-09957	Ad.	9.6.65	9.66	Erfenis Dam, O.F.S.				28	28	S	26	48	E	35m.	WSW	15	x	
	546-09932	Ad.	23.7.65	14.8.65	Erfenis Dam, O.F.S.				28	28	S	26	48	E	35m.	WSW	1	x	
	536-04237	Ad.	25.7.64	14.8.65	Erfenis Dam, O.F.S.				28	28	S	26	48	E	35m.	WSW	12	+	
	536-04701	Ad.	8.8.64	14.8.65	Erfenis Dam, O.F.S.				28	28	S	26	48	E	35m.	WSW	12	+	
	536-04727	Ad.	12.8.64	5.2.65	Erfenis Dam, O.F.S.				28	28	S	26	48	E	35m.	WSW	5	+	
	536-04420	Ad.	8.3.65	6.4.66	Boshoff, O.F.S.				28	43	S	25	20	E	120m.	WSW	13	+	
	536-04295	Ad.	27.7.64	21.10.64	Frankfort Dist., O.F.S.				27	10	S	28	30	E	113m.	NNE	3	x	
	536-04426	Ad.	9.3.65	14.2.68	Dewetsdorp, O.F.S.				29	35	S	26	38	E	93m.	SSW	35	x	
	546-08809	Ad.	1.5.65	19.2.68	Dewetsdorp, O.F.S.				29	35	S	26	38	E	93m.	SSW	25	+	
	536-04900	Ad.	7.8.64	15.6.66	Dewetsdorp, O.F.S.				29	35	S	26	38	E	93m.	SSW	34	+	(?)
	546-09144	Ad.	16.8.65	15.12.65	Dewetsdorp, O.F.S.				29	35	S	26	38	E	93m.	SSW	4	x	
	536-04198	Ad.	14.4.65	10.65	Reddersburg, O.F.S.				29	40	S	26	15	E	110m.	SSW	4	(?)	
	536-04678	Ad.	27.5.64	12.11.65	Harrismith Dist., O.F.S.				27	02	S	29	15	E	135m.	NE	17	x	
	546-08962	Ad.	17.3.64	18.6.66	Oranjeville, O.F.S.				28	15	S	28	15	E	112m.	NE	26	+	
	*546-09368	Ad.	15.5.65	18.10.65	Trompsburg, C.P.				30	04	S	25	44	E	145m.	SW	5	x	
	536-04412	Ad.	22.5.65	6.66	Rietvier Reserve, C.P.				33	54	S	18	30	E	675m.	SW	13	(?)	
	536-04895	Ad.	4.8.64	9.66	Sannaspos, Bloemfontein				29	12	S	26	15	E	70m.	SSW	19	+	
	546-09147	Ad.	14.4.65	8.6.66	Bloemfontein Dist. O.F.S.				29	12	S	26	15	E	70m.	SSW	22	+	
	546-08957	Ad.	15.5.65	23.3.66	Carnarvon Dist., C.P.				31	00	S	22	10	E	310m.	SW	11	+	
	546-08927	Ad.	13.5.65	8.4.68	Alice Dist., C.P.				32	46	S	26	47	E	310m.	S	12	x	
	536-04103	Ad.	4.4.64	18.5.65	Soutpan Dist., O.F.S.				28	30	S	28	45	E	74m.	SW	34	x	
	536-04161	Ad.	25.5.64	23.7.64	Koppies, O.F.S.				27	15	S	27	34	E	80m.	NNE	13	+	
									27	15	S	26	34	E	80m.	NNE	2	+	

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed, to nearest month	Euring recovery code	Other details
527-0210	8.8.65	11.3.67	Vanstadensrus Dist., O.F.S.	29 58 S	27 01 E	115m. S	19	+	
546-08945	15.5.65	13.8.67	Queenstown Dist., C.P.	31 55 S	27 01 E	250m. S	27	+	
536-04724	8.8.64		Somerset East Dist., C.P.	32 45 S	25 45 E	320m. SSW	?	(?)	
536-04533	22.3.65	24.6.67	Willowmore Dist., C.P.	33 10 S	23 37 E	400m. SW	27	x	
536-04193	27.7.64	15.8.66	Willowmore Dist., C.P.	33 10 S	23 37 E	400m. SW	25	(?)	
536-04193	27.5.64	24.5.65	Fouriesmith, O.F.S.	29 45 S	25 33 E	150m. SW	12	x	
536-04160	25.5.64	25.8.64	Exelsior, O.F.S.	28 55 S	27 05 E	42m. S	3	(?)	
546-08918	12.5.65	9.4.66	Zastron, O.F.S.	30 10 S	27 03 E	137m. S	10	+	
546-09302	17.5.65	21.2.67	Noupoort, C.P.	31 10 S	24 57 E	227m. SW	21	x	
546-08831	6.5.65	27.10.65	Pearston, C.P.	32 35 S	25 09 E	320m. SSW	5	x	
546-08920	12.5.65	6.66	Ermelo Dist., Tvl.	26 30 S	30 00 E	218m. NE	13	(?)	
536-04173	26.5.64	25.8.65	Balfour, Tvl.	26 35 S	28 35 E	166m. NNE	15	(?)	
546-09347	20.5.65	2.6.67	Petrusville Dist., O.F.S.	30 05 S	24 42 E	210m. SW	24	x	
536-04871	30.7.64	27.4.65	Tarkastad, C.P.	32 00 S	26 15 E	280m. SSW	9	+	flew into fence
536-04702	8.8.64	14.3.65	Jacobsdal, O.F.S.	29 10 S	25 05 E	155m. WSW	7	x	
597-04840	10.3.64	17.7.67	Richmond Dist., C.P.	31 20 S	23 58 E	290m. SW	39	v	
536-04939	16.4.65	4.11.67	Richmond Dist., C.P.	31 20 S	23 58 E	290m. SW	30	+	
536-04258	25.7.64	12.8.66	Richmond Dist., C.P.	31 20 S	23 58 E	290m. SW	24	+	
536-04279	26.7.64	4.5.65	Victoria West, C.P.	31.37 S	23 05 E	330m. SW	9	x	
546-09132	11.4.65	7.65	Beaufort West, C.P.	32 23 S	22 39 E	398m. SW	1	x	
536-04587	1.4.65	12.1.68	Craddock Dist., C.P.	32 05 S	25 38 E	280m. SSW	33	+	
536-04428	9.3.65	22.1.68	Craddock Dist., C.P.	32 05 S	25 38 E	280m. SSW	32	v	
536-04423	9.3.65	28.2.68	Craddock Dist., C.P.	32 05 S	25 38 E	280m. SSW	35	x	
527-0287	2.10.65	6.12.65	Craddock Dist., C.P.	31 20 S	26 57 E	210m. S	2	+	
546-09450	9.6.65	7.4.66	Dordrecht, C.P.	31 20 S	26 57 E	210m. S	10	x	
536-04287	26.7.64	7.67	Aberdeen Dist., C.P.	32 30 S	24 04 E	350m. SW	36	x	
536-04890	1.8.64	27.9.67	Aberdeen Dist., C.P.	32 30 S	24 04 E	350m. SW	38	(?)	
586-04679	17.3.64	18.3.65	Middelburg, C.P.	31 35 S	25 00 E	255m. SSW	12	(?)	
546-08721	25.4.65	7.5.68	Middelburg, C.P.	31 35 S	25 00 E	255m. SSW	38	+	
546-08853	6.5.65	30.11.65	Uitenhage, C.P.	33 46 S	25 22 E	395m. SSW	7	x	
597-04803	2.12.63	5.9.64	Uitenhage, C.P.	33 46 S	25 22 E	395m. SSW	9	+	
546-09925	23.7.65	2.1.66	Uitenhage, C.P.	33 46 S	25 22 E	395m. SSW	5	(?)	
546-09489	7.7.65	4.8.67	Burgersdorp, C.P.	31 01 S	26 22 E	190m. SSW	25	+	
536-04741	13.8.64	23.3.68	Burgersdorp, C.P.	31 01 S	26 22 E	190m. SSW	43	0	
536-04155	26.5.64	29.9.65	Burgersdorp, C.P.	31 01 S	26 22 E	190m. SSW	15	+	
546-08848	6.5.65	17.11.65	Burgersdorp, C.P.	31 01 S	26 22 E	190m. SSW	6	x	
*546-09391	25.5.65	16.6.67	Bredasdorp, C.P.	34 35 S	20 00 E	575m. SW	25	x	
*536-04728	12.8.64	20.7.65	Voëlviel, C.P.	33 15 S	19 01 E	693m. SW	11	v	
536-04600	1.4.65	15.11.67	Seekoegat, C.P.	33 06 S	22 30 E	420m. SW	31	0	

90: African Shelduck *Tadorna cana*

The results of ringing of shelduck at two of the major sites, Voelvlei, Cape, and Barberspan, Transvaal, (includes Aldam, O.F.S.) have been dealt with by Siegfried (1967) and Milstein (in press). The manner of the recovery of those birds covered by this report falls into seven categories:

Shot 35%	Controlled 12%	Unknown 24%	Poisoned 1%	Found dead 17%	Predated 1%
Allemanskraal Dam, O.F.S.	28 19 S 27 10 E				
527-02139	Ad.♀ 14.11.64	30.3.68	Smithfield Dist., O.F.S.	30 13 S	26 37 E
586-04299	Ad.♀ 1.8.64	30.3.68	Smithfield Dist., O.F.S.	30 13 S	26 37 E
527-01972	Ad.♀ 15.11.64	4.3.68	Smithfield Dist., O.F.S.	29 35 S	26 38 E
586-04494	Ad.♀ 30.7.64	4.3.67	Dewetsdorp, O.F.S.	29 35 S	26 38 E
646-04693	Juv. 25.9.65	23.2.66	Dewetsdorp, O.F.S.	29 35 S	26 38 E
586-04758	Ad.♀ 24.7.64	10.67	Bethlehem Dist., O.F.S.	29 30 S	27 10 E
527-02160	Ad.♀ 16.11.64	20.1.68	Hobhouse Dist., O.F.S.	29 30 S	27 10 E
527-02178	Ad.♀ 16.11.64	23.9.65	Senekal, O.F.S.	28 20 S	27 37 E
546-06238	Ad.♀ 6.10.64	3.5.66	Senekal, O.F.S.	28 20 S	27 37 E
586-04659	Ad.♀ 13.3.64	11.65	Zastron, O.F.S.	30 10 S	27 03 E
586-04656	Ad.♀ 7.1.64	18.7.64	Wepener, O.F.S.	29 46 S	27 01 E
586-04669	Ad.♀ 14.3.64	6.5.65	Ventersburg, O.F.S.	28 05 S	27 07 E
586-04671	Ad.♂ 14.3.64	6.5.65	Ventersburg, O.F.S.	28 05 S	27 07 E
527-02030	Ad.♂ 18.12.64	11.11.67	Dordrecht, C.P.	31 20 S	26 57 E
646-03841	Ad.♂ 19.11.65	24.9.66	Welkom, O.F.S.	28 00 S	26 45 E
586-04492	Ad.♂ 30.7.64	19.11.64	Kroonstad Dist., O.F.S.	27 23 S	27 48 E
555-05581	Ad.♀ 19.9.64	1.2.65	Kroonstad Dist., O.F.S.	27 23 S	27 48 E
546-06204	Ad.♂ 9.10.64	1.2.65	Kroonstad Dist., O.F.S.	27 23 S	27 48 E
586-04644	Ad.♀ 12.3.64	5.12.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
555-05735	Ad.♀ 21.9.64	5.12.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
555-05528	Ad.♀ 9.9.64	28.11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
546-06233	Ad.♂ 6.10.64	28.11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
586-04273	Ad.♀ 30.7.64	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
554-09948	Ad.♀ 1.9.64	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
546-06254	Ad.♀ 11.10.64	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
555-05725	Ad.♀ 21.9.64	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
586-00525	Ad.♀ 3.12.63	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
586-04718	Ad.♂ 23.5.64	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
586-02846	Ad.♀ 19.8.64	11.64	Riebeckstad Dist., O.F.S.	27 54 S	26 50 E
586-02816	Ad.♀ 9.8.64	27.8.64	Erfenis Dam, O.F.S.	27 54 S	26 50 E
586-02888	Ad.♂ 22.8.64	4.9.64	Erfenis Dam, O.F.S.	28 28 S	26 48 E
554-09914	Ad.♀ 24 8 64	25.8.64	Erfenis Dam, O.F.S.	28 28 S	26 48 E
554-09972	Ad.♀ 4.9.64	3.11.64	Erfenis Dam, O.F.S.	28 28 S	26 48 E
527-02204	Ad.♀ 18.2.64	15.12.65	Erfenis Dam, O.F.S.	28 28 S	26 48 E
555-5573	Ad.♂ 19.9.64	2.12.64	Erfenis Dam, O.F.S.	28 28 S	26 48 E
546-06226	Ad.♀ 8.10.64	28.11.64	Erfenis Dam, O.F.S.	28 28 S	26 48 E
586-00507	Ad.♀ 12.11.63	17.1.66	Erfenis Dam, O.F.S.	28 28 S	26 48 E
586-04458	Ad.♀ 28.7.64	13.8.64	Allemanskraal Dam, O.F.S.	28 19 S	27 10 E
546-08168	Ad.♀ 30.12.64	27.1.65	Allemanskraal Dam, O.F.S.	28 19 S	27 10 E
586-04404	Ad.♀ 25.7.64	24.10.64	Allemanskraal Dam, O.F.S.	28 19 S	27 10 E
586-02834	Ad.♀ 14.8.64	18.9.64	Allemanskraal Dam, O.F.S.	28 19 S	27 10 E
555-5774	Ad. 28.9.64	12.10.64	Ladybrand Dist., O.F.S.	29 14 S	27 23 E
586-04410	Juv. 25.7.64	27.12.64	Vetrivier, O.F.S.	28 30 S	26 40 E

predator

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	During recovery code	Other details
586-00510	Ad.♀	12.11.63	Vetrivier, O.F.S.	28 30 S	26 40 E	31m. SW	13	(?)	
555-05746	Ad.♂	21.9.64	Vetrivier, O.F.S.	28 30 S	26 40 E	31m. SW	3	(?)	
597-04819	Ad.♂	7.1.64	Petrusburg, O.F.S.	29 05 S	25 25 E	118m. SW	15	x	
597-04839	Ad.♂	3.8.64	Petrusburg, O.F.S.	29 05 S	25 25 E	118m. SW	7	+	
555-05504	Ad.♂	8.9.64	Bultfontein, O.F.S.	28 18 S	26 10 E	62m. W	21	+	
527-02412	Juv.	30.9.65	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	9	+	
527-02048	Juv.	19.12.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	17	+	
546-08146	Juv.	23.12.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SWS	18	+	
554-09964	Ad.♀	3.9.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	11	+	
554-09915	Ad.♂	24.8.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	11	+	
554-09910	Ad.♀	24.8.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	11	+	
555-05578	Ad.♀	19.9.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	11	+	
534-09976	Juv.	4.9.64	Bloemfontein, O.F.S.	29 12 S	26 15 E	80m. SSW	8	v	
546-13898	Juv.	8.10.64	Excelsior, O.F.S.	29 12 S	26 15 E	80m. SSW	7	(?)	
*586-04610	Ad.♂	21.1.64	Keetmanshoop, S.W.A.	28 55 S	27 05 E	45m. S	10	+	
637-04599		10.11.65	Vanderbijl Park, Tvl.	26 30 S	18 10 E	592m. WNW	17	0	
527-01973		15.11.64	Petersburg, Tvl.	26 45 S	27 50 E	120m. N	29	x	
567-04818	Ad.♀	7.1.64	Potchefstroom, Tvl.	23 45 S	29 30 E	333m. NNW	23	(?)	
646-03569	Juv.	2.11.65	Voëllei Cape	26 42 S	27 06 E	100m. N	6	+	
*554-09956	Juv.	3.9.64	Smart Syndicate Dam, C.P.	30 28 E	23 30 E	280m. SW	31	+	
*646-03902	Ad.♀	22.11.65	Calvinia Dist., C.P.	33 15 S	19 01 E	600m. SW	3	v	
*527-02214	Ad.♀	18.12.64	Calvinia Dist., C.P.	31 29 S	19 59 E	512m. SW	23	+	
646-03935	Ad.	27.11.65	Calvinia Dist., C.P.	31 29 S	19 59 E	512m. SW	9	+	
527-02250	Ad.♀	20.12.64	Britstown, C.P.	30 35 S	23 30 E	282m. SW	5	(?)	
546-08202		7.1.65	Britstown, C.P.	30 35 S	23 30 E	282m. SW	27	x	
586-04453		28.7.64	Britstown, C.P.	30 35 S	23 30 E	282m. SW	47	(?)	
527-02666	Ad.♀	10.1.65	Hofmeyr, C.P.	31 39 S	25 50 E	209m. S	4	+	
546-08191	Juv.	7.1.65	Beaufort West, C.P.	32 23 S	22 39 E	400m. SW	41	+	
586-04481	Juv.	29.7.64	Petrusville, C.P.	30 05 S	24 42 E	195m. SW	17	(?)	
527-02580	Ad.♀	11.11.64	Hopetown, C.P.	29 42 S	24 10 E	209m. SW	24	(?)	
527-00489		28.11.65	Hopetown, C.P.	29 42 S	24 10 E	209m. SW	30	x	
527-02591		11.11.64	Colesburg Dist., C.P.	30 43 S	25 10 E	195m. SSW	33	x	
597-04822		7.1.64	Jansenville, C.P.	32 54 S	24 40 E	355m. SSW	45	x	
646-03564		1.11.65	Canarvon, C.P.	31 00 S	22 10 E	384m. SW	10	0	
546-13889	Ad.	8.10.64	Williston, C.P.	31 20 S	20 59 E	480m. SW	10	0	
586-04772	Ad.♂	23.5.64	Loxton, C.P.	31 30 S	22 22 E	375m. SW	6	x	
527-02036	Ad.♂	14.12.64	Koffeefontein, C.P.	29 25 S	25 00 E	157m. SW	4	(?)	
527-02227	Ad.♂	18.2.64	Kakamas Dist., C.P.	28 45 S	20 34 E	457m. W	39	+	
546-08129	Ad.♂	20.12.64	Prieska, C.P.	29 40 S	22 38 E	300m. SW	13	x	
586-04613	Ad.♂	30.9.65	Richmond, C.P.	31 20 S	23 58 E	285m. SW	20	x	
546-06265	Ad.♂	8.10.64	Kimberley, C.P.	28 42 S	24 49 E	119m. WSW	34	x	
527-02218	Ad.♀	19.12.64	Aliwal North, C.P.	30 47 S	26 42 E	168m. S	12	(?)	
546-08164		27.12.64	Victoria West, C.P.	31 37 S	23 05 E	440m. SW	28	+	

546-08221	Ad.	15.1.65	8.7.66	Shannon, O.F.S.	29 10 S	26 15 E	80m. SW	19	+
586-00517	Ad.♀	12.11.63	19.3.66	Heuningnes Kloof, C.P.	29 10 S	24 33 E	170m. SW	28	+
Erfenis Dam, O.F.S.									
527-2854	O.F.S.	28 29 S	26 48 E		30 13 S	26 37 E	137m. S	33	(?)
586-04897	Ad.♀	9.10.64	21.9.67	Smithfield Dist., O.F.S.	28 30 S	26 40 E	5m. E	3	(?)
586-04949	Ad.♀	5.11.64	27.12.64	Vetrivier, O.F.S.	28 30 S	26 40 E	5m. E	1	(?)
527-02980	Ad.♂	21.12.64	8.1.65	Winberg Dist., O.F.S.	28 30 S	27 22 E	20m. SE	1	(?)
586-04818	Ad.♂	4.9.64	25.11.65	Winberg Dist., O.F.S.	28 30 S	27 22 E	20m. SE	15	0
527-02917	Juv.	8.12.64	31.12.64	Winberg Dist., O.F.S.	28 30 S	27 22 E	20m. SE	1	(?)
586-04970	Ad.♂	20.11.64	13.4.65	Marquard, O.F.S.	28 40 S	27 27 E	55m. ESE	4	+
527-02953	Ad.♂	15.12.64	10.2.65	Welkom Dist., O.F.S.	28 00 S	26 45 E	33m. NW	2	+
527-02702	Ad.♂	21.11.64	28.11.64	Riebeckstad Dist., O.F.S.	27 59 S	27 01 E	40m. NW	0	+
586-04808	Ad.♂	4.9.64	11.64	Riebeckstad Dist., O.F.S.	27 59 S	27 01 E	40m. NW	3	+
586-04811	Ad.♀	4.9.64	11.64	Riebeckstad Dist., O.F.S.	27 59 S	27 01 E	40m. NW	3	+
586-04786	Ad.♀	15.6.64	6.9.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	35m. ENE	2	v
586-04773	Ad.♂	28.5.64	15.9.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	35m. ENE	3	v
586-04844	Ad.♂	10.9.64	30.9.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	35m. ENE	3	v
586-04270	Ad.♀	28.8.64	6.9.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	35m. ENE	1	v
586-04783	Ad.♀	15.6.64	3.9.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	35m. ENE	2	v
586-04267	Ad.♀	25.8.64	3.9.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	35m. ENE	0	v
527-02787	Ad.♂	25.11.64	1.2.65	Kroonstad Dist., O.F.S.	27 20 S	27 18 E	65m. NE	2	0
586-04953	Ad.	5.11.64	10.8.67	Fauriesmith, O.F.S.	29 45 S	25 20 E	115m. SW	33	x
*586-04778	Ad.♂	28.5.64	21.3.66	Bredasdorp Dist., C.P.	34 35 S	25 00 E	671m. SW	32	x
527-02763	Ad.♂	22.11.64	30.6.65	De Aar, C.P.	30 46 S	23 54 E	220m. SW	7	(?)
527-02807	Ad.♂	27.11.64	26.6.67	Aberdeen, C.P.	32 30 S	24 04 E	345m. SSW	31	+
527-02847	Ad.	2.12.64	29.9.67	Prieska, C.P.	29 40 S	22 38 E	247m. WSW	34	(?)
*586-04810	Ad.	4.9.64	7.10.66	Montagu, C.P.	33 49 S	20 10 E	525m. SW	25	(?)
546-09020	Ad.	28.6.65	12.8.67	Victoria West, C.P.	31 37 S	23 05 E	290m. SW	26	+
586-04787	Ad.♂	15.6.64	17.7.67	Carnarvon, C.P.	30 20 S	22 10 E	315m. SW	37	+
546-07659	Ad.♂	15.5.65	25.7.65	Dordrecht Dist., C.P.	31 24 S	26 52 E	205m. S	2	x
527-02767	Ad.♂	24.11.64	30.9.66	Calvinia, C.P.	31 29 S	19 59 E	460m. SW	22	x
527-02882	Ad.♂	6.12.64	26.6.67	Craddock, C.P.	31 54 S	25 30 E	265m. SSW	31	+
*546-07651	Ad.♀	15.5.65	15.6.65	De Doorns, C.P.	33 30 S	19 45 E	540m. SW	1	(?)
*586-04836	Ad.♀	9.9.64	22.12.65	Voelklei, C.P.	33 15 S	19 01 E	655m. SW	15	(?)
546-07508	Ad.♀	4.1.65	16.5.66	Jacobsdal, C.P.	29 10 S	25 05 E	120m. WSW	16	+
Barberspan, Transvaal									
†587-00507	Ad.♂	26 33 S	25 36 E		24 45 S	26 56 E	56m. WSW	89	x
587-01725	Ad.♀	26.11.64	13.9.65	Vryburg Dist., C.P.	29 02 S	22 15 E	260m. SW	9	+
587-01674	Ad.♀	20.11.64	1.2.65	Boegoeburg Dam, C.P.	27 15 S	27 35 E	30m. ESE	2	0
587-01484	Ad.♂	11.11.64	1.2.65	Koppies, Tvl.	27 15 S	27 35 E	30m. ESE	2	0
587-00681	Ad.♂	1.62	24.7.63	Koppies, Tvl.	28 24 S	25 45 E	140m. S	18	x
587-01484	Ad.♂	28.11.64	21.11.64	Dealesville, O.F.S.	28 29 S	26 48 E	140m. SSE	?	v
587-00881	Ad.♂	4.62	18.11.63	Erfenis Dam, O.F.S.	28 29 S	26 48 E	140m. SSE	24	v
587-00772	Ad.	4.11.64	21.10.65	Erfenis Dam, O.F.S.	28 00 S	26 49 E	115m. SSE	19	(?)
587-01580	Ad.♀	26.11.64	18.8.66	Welkom Dist., O.F.S.	28 00 S	26 49 E	115m. SSE	12	+
587-01655	Ad.♀	30.10.62	3.12.63	Bloemfontein, O.F.S.	29 07 S	26 14 E	177m. S	21	x
587-00806	Ad.♀	30.10.62	3.12.63	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	160m. SE	14	v
587-00831	Ad.♀	30.10.62	8.10.64	Allemaanskraal Dam, O.F.S.	28 19 S	27 10 E	160m. SE	23	v

Ringling Location Ring No.	Co-ordinates Age	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Furing re- covery code	Other details
587-00858	Ad.♂	7.11.62	Winberg Dist., O.F.S.	28 30 S	27 22 E	157m. SE	32	0	
587-00753	Ad.♀	19.3.62	Winberg Dist., O.F.S.	28 30 S	27 22 E	157m. SE	38	0	
587-00677	Ad.	12.61	Wolmeranstad, O.F.S.	27 12 S	26 00 E	50m. SE	28	(?)	
587-00747	Ad.♂	13.3.62	Wolmeranstad, O.F.S.	27 12 S	26 00 E	50m. SE	40	+	
587-00691	Ad.	17.1.62	Vaal Dam, Tvl.	27 02 S	28 19 E	170m. E	18	0	
587-00288		16.11.60	Nelspoort, C.P.	32 07 S	23 00 E	395m. SSW	55	x	
587-01658		26.11.64	Kuruman Dist., C.P.	27 08 S	23 20 E	142m. SW	?	x	
587-01661		26.11.64	De Aar, C.P.	30 46 S	23 54 E	290m. SSW	7	+	
587-00161	Ad.	12.11.59	Prieska, C.P.	29 40 S	22 38 E	270m. SW	49	+	
587-00086	Ad.♀	30.11.63	Boshof Dist., C.P.	28 43 S	25 20 E	30m. S	36	+	
587-00982	Ad.	10.1.60	Boshof Dist., C.P.	28 43 S	25 20 E	30m. S	37	+	
*587-01641		26.11.64	Voëlville, Cape	33 15 S	19 01 E	600m. SW	13	v	flew into wire
587-01906		22.12.65	Voëlville, Cape	33 15 S	19 01 E	600m. SW	11	v	
587-01666		30.7.67	Calvinia, C.P.	31 29 S	19 59 E	445m. SW	32	+	
587-01660		4.11.64	Golden Valley, C.P.	32 50 S	25 47 E	427m. S	9	x	
587-01524		26.11.64	Carnarvon, C.P.	30 59 S	21 15 E	364m. S	8	(?)	
587-00787		23.5.62	Mafeking Dist., C.P.	25 48 S	25 30 E	52m. N	53	+	
587-00405	Ad.	29.11.60	Burgersdorp, C.P.	31 01 S	26 22 E	297m. S	57	+	
587-00290		16.11.60	Williston, C.P.	31 20 S	22 39 E	430m. SW	44	x	
587-00433	Ad.	29.11.60	Beaufort West, C.P.	32 23 S	22 39 E	440m. SSW	12	(?)	
587-00774	Ad.	4.62	Wesselsbron, O.F.S.	27 47 S	26 20 E	98m. SE	31	+	
587-00697		1.62	Murraysburg, C.P.	31 57 S	23 45 E	365m. SSW	41	+	
*587-01427		20.5.64	Voëlville, C.P.	33 15 S	19 01 E	660m. SW	22	v	
Voëlville, C.P.	33 15 S	19 01 E							
546-13063		8.12.64	Gibeon, S.W.A.	25 10 S	17 48 E	375m. N	16	x	
646-04122		3.3.65	Bredasdorp, C.P.	34 35 S	20 00 E	106m. SE	9	x	
646-04248		18.2.65	Britstown, C.P.	30 36 S	23 30 E	221m. NE	26	(?)	
646-01123		22.12.65	Fraserburg, C.P.	31 55 S	21 37 E	179m. ENE	9	x	
646-04432		3.3.65	Voëlville, C.P.	33 15 S	19 01 E	0m.	32	(?)	
646-04406		3.3.65	Voëlville, C.P.	33 15 S	19 01 E	0m.	10	(?)	
646-04219		15.1.65	Voëlville, C.P.	33 15 S	19 01 E	0m.	1	+	
646-01016		24.3.65	Ceres, C.P.	33 22 S	18 18 E	16m. E	25	+	
546-13100		10.11.64	Berg River, C.P.	32 55 S	18 45 E	40m. NNW	7	x	poisoned
646-04153		3.3.65	Sutherland, C.P.	32 23 S	20 40 E	115m. NE	5	0	
646-04430		3.3.65	Porterville, C.P.	33 12 S	19 00 E	22m. N	4	(?)	
646-04130		3.3.65	Calvinia Dist., C.P.	31 29 S	19 59 E	132m. NNE	27	x	
Rondeville, C.P.	34 05 S	18 28 E							
586-06901		25.4.64	Calvinia, C.P.	31 29 S	19 59 E	148m. NE	28	(?)	
586-00657	Ad.♂	26.3.62	Voëlville, C.P.	33 15 S	19 01 E	57m. NNE	48	v	
586-00646	Ad.♀	21.3.63	Calvinia Dist.	31 29 S	19 59 E	148m. NE	36	(?)	
586-06241	Ad.♀	30.12.63	Strandfontein, C.P.	24 07 S	18 31 E	2m. SE	14	(?)	

Ring No.	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Euring re-covery code	Other details
586-03931	18.1.62	20.9.63	Hildavalle Station, Botswana	25 23 S	25 40 E	85m. N	20	+	
586-05698	May 1962	4.12.63	Vrede, O.F.S.	27 28 S	29 10 E	230m. ESE	18	+	
586-08464	27.8.63	21.5.64	Erfenis Dam, O.F.S.	28 27 S	26 48 E	140m. SSE	9	+	
586-05793	22.6.62	16.6.64	Vaal Dam, Tvl.	27 02 S	28 19 E	160m. E	22	+	
597-01676	29.2.68	10.6.68	Hartbeesfontein, Tvl.	26 43 S	26 30 E	45m. E	3	(?)	
586-09623	29.11.66	15.6.67	Vanderbijlpark Dist., Tvl.	26 45 S	27 50 E	150m. SE	6	+	
586-09533	27.7.66	26.9.66	Germiston, Tvl.	26 15 S	28 10 E	164m. E	2	x	
586-05672	May 1962	9.9.66	Balgowen, Natal	29 25 S	30 02 E	348m. SE	51	(?)	
586-03562	8.11.61	9.10.65	Stilfontein, Tvl.	26 50 S	26 49 E	80m. ESE	47	(?)	
586-09120	11.8.64	7.9.64	Sannieshof, W. Tvl.	26 32 S	25 50 E	15m. NE	1	x	
586-03076	28.7.61	25.1.65	oor Dannhauser, Ntl.	28 00 S	30 04 E	165m. E	42	x	
586-03508	3.11.61	3.2.65	Devondale, C.P.S.	26 45 S	24 45 E	42m. WSW	39	(?)	
586-05207	14.3.62	20.10.62	Vanstad, O.F.S.	29 59 S	27 00 E	505m. S	7	x	
586-08582	29.8.63	20.3.66	Vryburg, C.P.	26 48 S	24 44 E	55m. WSW	31	x	
586-03488	1.11.61	1.2.64	Barolong, Botswana	25 45 S	25 30 E	70m. NW	27	+	
586-8571	11.8.64	26.12.64	Barolong Farm, Botswana	25 45 S	25 30 E	75m. N	16	+	
586-09099	11.8.64	4.12.67	Barberspan, Tvl.	26 33 S	25 36 E	0	39	(?)	
586-03370	8.1.65	11.2.68	Barberspan	26 33 S	25 36 E	0	37	x	
586-03023	27.6.61	10.6.68	Barberspan	26 33 S	25 36 E	0	83	v	
554-9084	2.6.61	27.1.64	Barberspan	26 33 S	25 36 E	0	32	x	flew into wire
586-03178	Ad. 3.10.61	18.11.64	Potchefstroom Dist., Tvl.	26 40 S	27 30 E	95m. E	37	x	
586-03441	1.11.61	24.5.65	Potchefstroom Dist., Tvl.	26 40 S	27 30 E	95m.	43	x	
554-2875	Ad. May 1957	15.7.63	Ottosdal, Tvl.	26 48 S	26 00 E	30m. SE	73	(?)	
597-04622	22.3.68	Early 4.68	Ottosdal, Tvl.	26 48 S	26 00 E	38m. ESE	1	x	
586-09564	12.8.66	3.5.67	Jansenville Dist., Cape	32 55 S	24 40 E	435ms.	8	x	flew into wire fence
586-09564	16.8.66	3.8.67	Jansenville, Cape	32 54 S	24 40 E	435ms.	11	x	
586-08136	Nov. 1962	11.3.64	Wolmaranstad, Dist., Tvl.	27 12 S	26 00 E	47m. SE	15	(?)	
597-01462	24.2.68	22.3.68	Farm, Katbosfontein, Wolmaranstad, Tvl.	27 12 S	26 00 E	48m. SE	x	1	
586-08806	Ad. Oct. 63- April 64	22.11.67	Koster, Tvl.	25 52 S	26 55 E	102m. NE	-	+	
586-05070	7.2.62	1.9.63	Klerksdorp Dist., Tvl.	26 45 S	27 11 E	70m. ESE	19	(?)	
597-01686	1.3.68	23.3.68	Klerksdorp, Tvl.	26 45 S	27 11 E	70m. ESE	1	x	
586-05397	Ad. 28.3.62	20.11.63	Lichtenburg Dist., Tvl.	26 10 S	26 18 E	50m. NE	20	(?)	
586-08730	Ad. 11.9.63	18.1.64	Lichtenburg Dist., Tvl.	26 10 S	26 18 E	50m. NE	4	(?)	
586-05260	Ad. 19.3.62	April 65	Lichtenburg, Tvl.	26 10 S	26 18 E	48m. NE	37	+	
554-5790	Ad. May 1958	8.5.65	Lichtenburg Dist., Tvl.	26 10 S	26 18 E	48m. NE	73	x	
586-09660	Ad. 9.12.66	15.7.67	Lichtenburg Dist., Tvl.	26 10 S	26 18 E	50m. NE	7	(?)	
586-03366	Ad. 21.10.61	5.6.65	Mafeking, Cape	25 48 S	25 30 E	48m. N	43	(?)	
586-03340	Ad. 21.10.61	15.8.66	Mafeking, Cape	25 48 S	25 30 E	48m. N	57	(?)	
586-03345	Ad. 20.10.61	Aug. 1966	Mafeking, Cape	25 48 S	2 30 E	48m. N	58	(?)	

Voelvlei, Cape 635-11505 635-11504	33 15 S 19 01 E 29.7.64 29.7.64	3.1.65 25.1.67	Rondevlei, Cape Rawsonville Dist., Cape	34 05 S 18 28 E 33 40 S 19 19 E	56m. SW 27m. SE	5 30	x +		
Rondevlei, Cape 586-03062	34 05 S 18 28 E 24.8.63	17.9.63	Rondevlei, Cape (Retrapped six times)	34 05 S 18 28 E	0	1	x	killed by predator	
586-00690	18.8.62	23.9.63	Rondevlei, Cape	34 05 S 18 28 E	0	12	x		
586-06194	21.11.63	7.12.64	Rondevlei, Cape	34 04 S 18 28 E	0	12	(?)		
586-06912	1.5.64	23.12.64	Rondevlei, Cape	34 05 S 18 28 E	0	8	(?)		
586-00702	8.9.62	22.8.66	Rondevlei, Cape	34 05 S 18 28 E	0	24	x		
586-06112	Ad.	4.10.63	Rondevlei, Cape	34 05 S 18 28 E	0	15	(?)		
586-06981	23.8.64	27.3.67	Rondevlei, Cape	34 05 S 18 28 E	0	31	x	paralysed	
586-06101	24.9.63	17.7.64	Zeekoivlei, Cape	34 05 S 18 28 E	0	9	(?)		
586-06184	Ad.	16.11.63	Thornton, Cape	34 00 S 18 24 E	7m. N	2	x		
586-06893	20.4.64	28.11.67	Strandfontein, Cape	34 06 S 18 31 E	2m. S	43	x		
586-00633	Ad.	15.2.62	Hermanus, Cape	34 30 S 19 15 E	57m. SE	51	x		
586-06294	21.2.64	18.12.64	Lansdowne Road, Wynberg, C.P.	34 01 S 18 28 E	5½m. N	9	+		
586-06837	12.3.64	24.6.64	Brakenfel, Cape	34 02 S 18 27 E	15m. NE	—	v		
Vaal Dam	27 02 S 28 19 E								
635-03722	18.6.64	7.5.68	Barberspan, Tvl.	26 33 S 25 36 E	157m. W	45	v		
635-04293	7.5.64	7.3.68	Harrismith Dist., O.F.S.	28 15 S 29 15 E	110m. SE	46	+		
586-04309	9.5.64	13.1.68	Lindley Dist., O.F.S.	27 40 S 28 00 E	68m. S	44	+		
586-04342	Ad.	10.5.64	Ventersburg, O.F.S.	28 04 S 27 07 E	107m. SW	12	x	strangled by weeds flew into wire	
635-04217	Ad.	8.5.64	Volksrust, O.F.S.	27 28 S 29 55 E	103m. ESE	6	x		
586-04346	9.5.64	3.6.67	Nottingham Road, Natal	29 22 S 30 00 E	200m. SE	37	+		
Olifantsvlei, Tvl.	25 20 S 26 17 E								
586-02230	6.10.64	4.1.66	Vereeniging, Tvl.	26 40 S 27 52 E	138m. SE	15	x		
586-02213	8.7.64	29.11.65	Bryanston, Tvl.	26 12 S 28 05 E	123m. SE	16	v		
Leeukop Prison, Jhb.	26 00 S 28 03 E								
646-04522	1.10.65	29.8.66	Mwandi, Zambia	16 30 S 24 48 E	115m. NNW	x			
97. Red-billed Teal <i>Anas erythrorhynchos</i>									
The movements of this species have been described briefly in Winterbottom (1964).									
Jonkershoek Cape	33 55 S 18 55 E								
534-0808	12.8.57	10.2.66	Vlottenberg, Stellenbosch	34 00 S 18 55 E	10m. WSW	103	x	flew into wire	
553-0816	Ad.	25.9.62	Lady Frere, Cape	31 48 S 27 15 E	375m. SSE	14	(?)		
Barberspan, Tvl.	26 33 S 25 36 E								
543-6097	11.5.60	20.1.65	Gobabis, S.W.A.	22 18 S 19 05 E	501m. NW	52	+		
553-0804	Ad.	1.8.62	Mazabuka, Zambia	15 55 S 27 55 E	750m. NE	1	(?)		
Vaal Dam, Tvl.	27 02 S 28 19 E								
646-00894	14.5.65	12.67	Plumtree Dist., Rhodesia	20 30 S 27 45 E	452m. NNW	30	+		

Ringling Location	Co-ordinates	Age	Ringling Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	During recovery	Other details
635-14702	Ad.	16.7.65	16.1.66	Benoni, Tvl.	26 12 S	28 18 E	50m. N	6	+		
646-00510	Ad.	17.5.65	11.9.65	Frankfort, O.F.S.	27 10 S	28 30 E	32m. SSE	4	(?)		
Olifantsvlei, O.F.S.	26 20 S	27 52 E									
586-02377	Ad.	7.7.65	7.67	Springs, Tvl.	26 15 S	28 25 E	23m. E	1	+		
586-02048	Ad.	28.7.65	18.11.65	Sasolburg, O.F.S.	26 48 E	27 47 E	45m. S	4	(?)		
Allemanskraaldam, O.F.S.	28 19 S	27 10 E									
536-04927	Ad.	3.4.65	15.7.67	Springs Dist., Tvl.	26 15 S	28 25 E	161m. NNE	28	+		
Rainham Dam, Rhodesia	17 45 S	30 55 E									
635-2711	Ad.	5.4.64	10.1.65	Enkeldoorn Dist., S. Rhodesia	19 02 S	30 55 E	87m. S	9	(?)		
635-2713	Ad.	5.4.64	24.1.65	Salisbury Dist., Rhodesia	17 50 S	31 02 E	80m. W	10	+		
Ballantyne Farm, Salisbury	17 50 S	31 20 E									
635-03255	Ad.	15.11.67	15.2.68	12m. NE of Salisbury, Rhod.	17 40 S	31 15 E	12m. NE	3	+		
Ballantyne Park, Salisbury	17 50 S	31 03 E									
635-03265	Ad.	29.11.67	29.11.67	Highlands, Salisbury	17 50 S	31 02 E	45m. SE	0	+		
635-03274	Ad.	30.11.67	13.4.68	Marandellas, Rhodesia	18 05 S	31 35 E	10m. N	4	+		
585-05963	Ad.	13.12.67	10.2.68	15m. N of Salisbury	17 35 S	31 02 E	12m. NE	2	+		
645-03102	Ad.	1.68	11.2.68	12m. NE of Salisbury, Rhod.	17 40 S	31 15 E	12m. NE	1	+		
635-03207	Ad.	11.10.67	15.2.68	12m. NE of Salisbury, Rhod.	17 40 S	31 15 E	12m. NE	4	+		
635-03248	Ad.	9.11.67	11.2.68	12m. NE of Salisbury, Rhod.	17 40 S	31 15 E	12m. NE	3	+		
635-03255	Ad.	15.11.67	15.2.68	12m. NE of Salisbury, Rhod.	17 40 S	31 15 E	12m. NE	3	+		
635-2904	Ad.	31.1.64	29.1.65	Borrowdale, Salisbury, Rhod.	17 50 S	31 02 E	?	12	+		
Ballantyne Park, Salisbury	17 50 S	31 03 E									
635-03250	Ad.	9.11.67	11.2.68	12m. NE Salisbury, Rhod.	17 40 S	31 15 E	12m. NE	3	+		
635-02982	Ad.	3.12.66	23.7.67	Maputa Dist., Natal	27 30 S	32 30 E	660m. SE	7	+		
635-02941	Ad.	5.5.66	29.1.67	Source of Mzoeze River, Rhodesia	27 47 S	31 06 E	17m. N	8	+		
635-02942	Ad.	5.5.66	30.1.67	30m. N. of Bulawayo, Rhod.	19 36 S	28 37 E	127m. SW	8	+		
Mlezu, Rhodesia	19 09 S	29 54 E									
635-3312	Ad.	10.12.64	31.1.65	20m. N. of Bulawayo, Rhod.	19 44 S	28 37 E	90m. SW	2	x		
Que Que, Rhodesia	18 58 S	29 45 E									
635-03370	Ad.	11.9.67	19.5.68	Near Incoluane R, Mozambique	25 40 S	32 45 E	500m. SE	8	+		
635-03342	Ad.	7.8.66	21.1.67	Redbank, Nyamandlovu Dist., Rhod.	19 59 S	28 24 E	75m. SW	5	x		
635-03314	Ad.	26.1.65	26.12.66	15m. Lonely Mine, Que Que, Rhod.	18 58 S	29 45 E	13m. N	23	x		
Bulawayo, Rhodesia	20 07 S	28 38 E									
635-02812	Ad.	9.11.67	6.1.68	Bonisa Dam, Red Bank, Rhodesia	19 59 S	28 24 E	16m. W	2	+		

Lake Ngami, Botswana 585-05307	20 35 S 22 35 E 28.12.62 24.8.63	Sehitma, Botswana	21 06 S 27 32 E 5m. E	8	+
Pwira Pan, Zambia 585-3488	13 54 S 27 51 E Ad.♀ 2.10.63 28.12.63	Namwala Dist., Zambia	15 50 S 26 30 E 160m. SW	2	+
Kitwe, Zambia 585-5527	12 50 S 28 05 E 8.12.63 1.3.65	Senanga, Zambia	15 59 S 23 15 E 395m. SW	15	+
98: Cape Teal <i>Anas capensis</i>					
The Cape Teal is one of the least ringed of the commoner species of South African duck, the grand total to 30.6.68 being only 343. The recoveries do however show that the bird is capable of long-distance movement, with one recovery 1,420 miles NE to Mozambique. All the recoveries are of Rondevlei birds					
Rondevlei, Cape 635-05626	34 05 S 18 28 E Ad. 28.13.64 19.5.66	Mambone, Mozambique	21 01 S 34 58 E 1,420m. NE	26	x
635-05612	Ad. 14.2.64 21.3.66	2m. N. Paarl, Cape	33 45 S 18 59 E 40m. NE	25	x
635-05912	Ad. 10.4.65 13.4.65	Strandfontein, Cape	34 06 S 28 31 E 2m. S	0	(?)
635-05610	Ad. 11.2.64 13.2.65	Strandfontein, Cape	34 06 S 28 31 E 2m. S	12	(?)
585-00301	28.2.62 15.5.64	Rondevlei, Cape	0	26	x
635-05796	17.11.64 28.11.64	Rondevlei, Cape	0	0	(?)
99: Hottentot Teal <i>Anas punctata</i>					
Pwira Pan, Zambia 634-05050	13 54 S 27 50 E Ad.♂ 15.2.64 8.7.64	Monze Dist., Zambia	16 23 S 27 28 E 90m. NNE	5	(?)
Kitwe Dist., Zambia 585-3419	12 50 S 28 05 E Ad. 13.4.63 15.9.63	Bancroft, Zambia	12 17 S 27 50 E 73m. NNW	5	+
585-03426	Ad. 14.4.63 11.11.63	15m. N. Kitwe, Zambia	12 50 S 28 05 E 15m. N	7	+
585-03449	21.4.63 18.8.63	60 miles NW of Kitwe, Zambia	12 17 S 27 30 E 60m. NW	4	+
585-03424	14.4.63 18.8.63	60 miles NW of Kitwe, Zambia	12 17 S 27 30 E 60m. NW	4	+
Monze Dist., Zambia 634-05009	16 23 S 27 28 E 20.10.63 2.3.66	40 miles N. of Nafa, Botswana	20 00 S 25 00 E 300m. SSW	28	(?)
102: Southern Pochard <i>Nettion erythrophthalma</i>					
Barberspan 586-05981	26 33 S 25 36 E 25.9.62 22.3.68	Barberspan	26 33 S 25 36 E 0	66	v
106: Cape Vulture <i>Gyps caprotheres</i>					
There have been 21 recoveries, and one third controlled, at the three main ringing sites. They continue to give an idea of the wide-ranging habit of this species (see for details Ledger 1967). Further mass ringing should be encouraged to try to produce some pattern for their movements, particularly in view of the possibly diminishing numbers of the birds within South Africa and also now that other vulture-ringing programmes have been started elsewhere in Africa, notably the Serengeti.					
Skeerpoort, Tvl. 508-2609	25 48 S 27 45 E 27.7.59 23.8.63	Skeerpoort, Tvl.	0	49	(?)
509-02723	29.8.25 18.11.65	Skeerpoort Dist., Tvl.	0	2	x
658-00266	18.9.66 20.12.67	Skeerpoort, Tvl.	0	15	+

Ring No.	Ring Location	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Ending re-covery code	Other details
509-2308		20.9.64	Nov. 1966		Skceerpoort Farm	26 00 S	27 50 E	0	26	(?)	
509-2562		20.9.64	23.11.64		Sappersrust, Magaliesberg, Tvl.	26 00 S	27 50 E	19m. S	2	x	
509-2711		29.8.65	15.5.66		Magaliesberg, Tvl.	26 00 S	27 50 E	19m. S	8	(?)	
658-00295	pull.	18.9.66	10.10.67		Magaliesburg, Tvl.	26 00 S	27 50 E	19m. S	13	x	
509-2641		29.8.65	21.12.65		Brits, Tvl.	25 40 S	27 45 E	8m. N	3	(?)	
509-0068		16.9.67	end Apr. 68		Witputs, S.W.A.	27 37 S	16 20 E	71.0m. WSW	7	x	
658-00055	pull.	18.9.66	No date		Olifantshoek, Tvl.	27 57 S	22 37 E	355m. SW	12	x	poisoned
658-00010		18.9.66	Aug. 1967		Zoevlei, Richmond, C.P.	31 30 S	23 58 E	405m. SW	2	+	
508-2822	Juv.	4.8.62	14.10.63		Okahandja Dist., S.W.A.	22 00 S	16 45 E	753m. NW	14	x	
508-2631	Juv.	27.9.59	20.11.63		Dist., Wolmaransstad, Tvl.	27 12 S	26 00 E	145m. SW	50	x	poisoned
509-2263		20.9.64	30.8.65		Buffelspoortdam, Tvl.	27 12 S	26 00 E	145m. SW	11	v	
Roberts Farm, Rustenburg		25 34 S	27 10 E								
508-2863		11.8.62	6.1.64		Adelaide, Cape	32 40 S	26 20 E	480m. SSW	17	x	
B433		6.8.50	8.2.64		Belfast, O.F.S.	25 35 S	30 05 E	179m. E	156	(?)	
509-1228	Juv.	13.9.64	26.3.65		Bultfontein, O.F.S.	28 18 S	26 10 E	160m. S	7	+	
508-2843	Juv.	11.8.62	20.9.63		Petrusville, Cape	30 05 S	24 42 E	432m. SW	13	x	
Ootsi, Botswana		25 10 S	25 40 E								
509-2521	Juv.	1.9.63	9.4.64		Dordrecht, Cape	31 20 S	26 57 E	450m. SSE	7	+	
509-2482	Juv.	1.9.63	15.6.65		Lobatsi, Botswana	25 16 S	25 40 E	35m. S	21	(?)	
509-2469	Juv.	1.9.63	6.9.65		Boshof Dist., O.F.S.	28 43 S	25 20 E	270m. S	24	x	
658-00266		16.9.67	5.1.68		A few miles north of Lobatsi, Botswana	25 16 S	25 40 E	15m. S	3	x	
Salisbury, Rhodesia		17 50 S	31 02 E								
645-03101		1.68	24.1.68		Ruwa, 14 miles E. of Salisbury, Rhodesia	17 55 S	31 25 E	10m. SW	0	v	
Sandringham, Johannesburg		26 15 S	28 04 E								
543-9143	Ad.	18.2.64	14.2.66		Lombardy East, Johannesburg	26 15 S	28 04 E	?	24	x	
Causeway, Salisbury, Rhod.		17 50 S	31 02 E								
546-12003	pull.	23.10.64	6.9.66		Strathbone Farm, Salisbury, Rhod.	17 50 S	31 02 E		12	x	
Hilton College Estate, Hilton, Ntl.		29 38 S	30 25 E								
658-00708		7.1.67	25.1.68		Farm near Pietermaritzburg, Natal	29 38 S	30 28 E	4m. E	12	x	

130: Black-shouldered Kite *Elanus caeruleus*134: Tawny Eagle *Aquila rapax*137: Wahlberg's Eagle *Aquila wahlbergii*

Ring No.	Ring Location	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time claps- ed to near- est month	Euring re-covery month code	Other details
586-07093		23.8.60	24.8.64	Rondevlei, Cape	34 05 S	18 28 E	0		48	X	
586-06956		18.7.64	9.11.64	Rondevlei, Cape	34 05 S	18.28 E	0		3	(?)	
586-06954		18.7.64	14.8.65	Tokai, Cape	34 05 S	18.25 E	5m. W		13	(?)	
Kroonstad, O.F.S.		27 29 S	27 39 E								
*527-3716		17.7.67	22.11.67	10m. S. Heilbron, O.F.S.	27 45 S	27 45 E	41m. NE		4	X	Poisoned
203: Black Crane <i>Limnocorax flavirostris</i>											
Swakopmund 634-04540		22 33 S	14 35 E	17.3.65	Swakopmund, S.W.A.	22 33 S	14 35 E	0	8	(?)	
208: Purple Gallinule <i>Porphyrio porphyrio</i>											
Rondevlei, Cape 585-06864		34 05 S	18 28 E	10.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	X	Predator
210: Moorhen <i>Gallinula chloropus</i>											
Rondevlei, Cape 533-9578		34 05 S	18 28 E	28.7.63	Athlone, Cape	33 18 S	18 30 E	7m. N	35	(?)	
533-9514		Ad.	12.2.60	14.7.65	Tokai, Cape	34 05 S	18 25 E	5m. W	65	X	
645-05807		Imm.	7.4.68	18.4.67	Rondevlei, Cape	34 05 S	18 28 E	0	0	X	Predator
585-00385			17.4.63		Rondevlei, Cape	34 05 S	18 28 E	0	0	X	Predator

212: Red-knobbed Coot *Fulica cristata*
 A ringing programme on the Coot has been under way at Barberspan and is beginning to show the capabilities of the species for movement. Proper analysis will reveal fuller details, but the overall trend is for movement to occur to the south and east. It is curious that the Barberspan birds have almost all been recovered away from the place of ringing, while those ringed at Rondevlei, Cape, have all been recovered at the ringing site. Perhaps this is a reflection on the relative stability of the two climates, the Rondevlei being far more stable.

Barberspan, Tvl. 586-03773		26 33 S	25 36 E	2.8.64	Barberspan	26 33 S	25 36 E	0	32	X	
587-01944		Ad.	12.12.61	6.12.65	10m. S Middelburg, Tvl.	25 42 S	29 35 E	23m. NE	8	V	
586-08243		Ad.	20.3.63	5.5.65	Ventersdorp, Tvl.	26 17 S	26 47 E	80m. NE	25	V	
586-08404		Ad.	4.7.63	14.7.65	Wakkerstroom, Tvl.	27 20 S	30 10 E	435m. E	24	(?)	
586-08229		Ad.	16.1.63	13.11.65	Jan Kempes Dorp Dist., Tvl.	27 56 S	24 50 E	1400m. SW	34	(?)	
586-05228		Ad.	14.3.62	1.6.64	Potchefstroom Dist., Tvl.	26 40 S	27 30 E	1000m. E	26	+	
586-08370		Ad.	4.7.63	12.5.64	15m. E Wolmaranstad, Tvl.	27 12 S	26 00 E	56m. SE	10	(?)	
586-05226		Ad.	14.3.62	28.4.64	Migdol, Tvl.	26 53 S	25 30 E	19m. S	25	(?)	
586-01389			14.2.65	8.2.66	5m. from Gerdau station, W. Tvl.	26 28 S	26 10 E	28m. NE	12	V	
587-01372			18.2.65	5.3.67	Vogelstruisbult Mine Dam	?	?	?	25	X	
587-01268			4.2.65	20.2.67	Lobatsi, Dist., Botswana	25 10 S	25 40 E	97m. NNW	23	+	
*586-03601		Ad.	11.11.61	11.8.63	Rondevlei, Cape	34 05 S	18 28 E	664m. SW	21	V	
586-05536		Ad.	10.5.62	15.1.66	Bransvlei, Bushmanland, C.P.	30 30 S	20 35 E	410m. SW	44	V	
587-01394			24.2.65	2.1.66	New Amalfi, Cape	30 22 S	29 19 E	473m. SE	11	V	

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Ring No.	Age	Date	Location	Time	Direction	Distance	Notes	Count	Remarks
587-01323	Ad.	22.65	Barkley West dist., Cape	22.8.65	38 30 S	24 37 E	142m. SW	6	X
586-03667	Ad.	11.61	Taung, Cape	10.7.64	27 31 S	24 46 E	82m. SSW	32	X
587-01126	Ad.	22.5.64	Hertogville dist., O.F.S.	16.3.65	28 10 S	25 30 E	105m. S	9	X
586-08044	Ad.	26.9.62	Hertogville, O.F.S.	19.4.63	28 10 S	25 30 E	105m. SSE	6	X
586-05562	Ad.	10.5.62	Bultfontein, O.F.S.	3.7.63	28 18 S	26 10 E	122m. SSE	13	X
587-01384	Ad.	23.2.65	Allemanskraal Dam, O.F.S.	11.5.65	28 19 S	27 10 E	155m. SE	2	V
587-00739	Ad.	13.3.62	Odendaalsrus, O.F.S.	15.7.64	27 48 S	26 43 E	130m. SE	28	X
587-01250	Ad.	28.1.65	Barberspan, Tvl.	5.4.65	26 33 S	25 36 E	0	2	X
587-02158	Ad.	25.1.66	Coligny, Tvl.	?	26 20 S	26 19 E	52m. NE	?	?
587-02540	Ad.	15.9.62	Lichtenburg, Tvl.	10.10.67	26 10 S	26 18 E	48m. NNE	61	(?)
Rondevlei, Cape	34 05 S	18 28 E							
586-07173	Ad.	10.7.61	Rondevlei, Cape	4.3.65	34 05 S	18 28 E	0	45	(?)
586-07190	Ad.	11.9.61	Rondevlei, Cape	14.3.67	34 05 S	18 28 E	0	66	(?)
586-00767	Juv.	2.5.63	Rondevlei, Cape	13.12.64	34 05 S	18 28 E	0	20	(?)
586-06067	Ad.	27.8.63	Rondevlei, Cape	29.11.66	34 05 S	18 28 E	0	39	X
586-06215	Ad.	1.12.63	Rondevlei, Cape	13.2.66	34 05 S	18 28 E	0	26	(?)
586-00781	Juv.	28.5.63	Rondevlei, Cape	7.12.63	34 05 S	18 28 E	0	5	X
586-06029	Juv.	2.8.63	Rondevlei, Cape	5.8.63	34 05 S	18 28 E	0	0	X
586-00789	Juv.	6.6.63	Rondevlei, Cape	29.2.64	34 05 S	18 28 E	0	8	X
586-00786	Juv.	3.6.63	Rondevlei, Cape	29.2.64	34 05 S	18 28 E	0	8	X
586-06007	Juv.	20.6.63	Rondevlei, Cape	29.2.64	34 05 S	18 28 E	0	8	X
555-5340	Juv.	13.10.64	Rondevlei, Cape	7.11.64	34 05 S	18 28 E	0	1	(?)
555-05390	Juv.	22.4.65	Rondevlei, Cape	10.4.67	34 05 S	18 28 E	0	34	(?)
555-5391	Ad.	30.4.65	Rondevlei, Cape	30.4.67	34 05 S	18 28 E	0	24	(?)
555-5394	Ad.	27.5.65	Rondevlei, Cape	20.1.66	34 05 S	18 28 E	0	8	(?)
Tamatievlei, Cape	34 05 S	18 32 E							
635-02007	Ad.	27.3.65	Strandfontein, Cape	10.4.65	34 05 S	18 30 E	0	1	X
Rondevlei, Cape	34 05 S	18 28 E							
*582-08707	Ad.	21.1.61	Kostroma Region, U.S.S.R.	23.8.64	57 46 N	40 56 E	6,500m. NNE	43	(?)
593-06059	Ad.	1.3.68	Rondevlei, Cape	10.4.68	34 05 S	18 28 E	0	1	X
Rondevlei, Cape	34 05 S	18 28 E							
622-12974	Ad.	14.7.63	Rondevlei, Cape	10.4.64	34 05 S	18 28 E	0	9	X
622-12937	Ad.	5.7.63	Rondevlei, Cape	10.4.64	34 05 S	18 28 E	0	9	+
582-06132	Ad.	10.3.60	Strandfontein, Cape	3.4.67	34 07 S	18 33 E	3m. S	85	(?)
Beachwood, Durban, Natal	29 55 S	31 00 E							
582-09781	Ad.	19.7.61	Durban, Natal	12.66	29 55 S	31 00 E	0	65	X
Rondevlei, Cape	34 05 S	18 28 E							
622-12809	Ad.	24.5.63	Rondevlei, Cape	21.3.64	34 05 S	18 28 E	0	10	X

231: Black Oystercatcher *Haematopus moquini*233: Ringed Plover *Charadrius hiaticula*235: White-fronted Sandplover *Charadrius marginatus*237: Kittlitz Sandplover *Charadrius pecuarius*

Ring No.	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Furing re-covery code	Order details
622-14582	29.3.64	10.5.64	Rondevlei, Cape	34 05 S	18 28 E	0	1	(?)	
622-16076	3.5.64	5.5.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	(?)	
622-16029	20.4.64	22.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	X	mongoose
622-14501	13.2.64	20.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	2	X	mongoose
622-16005	7.4.64	16.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	X	
582-19960	5.5.63	24.3.64	Rondevlei, Cape	34 05 S	18 28 E	0	1.1	(?)	
582-19996	12.5.63	19.11.63	Rondevlei, Cape	34 05 S	18 28 E	0	6	X	predator
582-19996	19.11.63	19.11.63	Rondevlei, Cape	34 05 S	18 28 E	0	6	X	predator
582-08865	28.2.61	30.3.64	Rondevlei, Cape	34 05 S	18 28 E	0	37	X	predator
582-09528	27.1.62	16.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	27	(?)	
582-06783	30.11.60	8.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	41	(?)	
582-19238	2.3.62	21.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	25	X	
582-04391	14.3.59	22.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	41	(?)	
582-19861	15.3.63	26.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	51	(?)	
622-18442	14.3.65	19.3.65	Rondevlei, Cape	34 05 S	18 28 E	0	13	(?)	
582-08866	3.3.61	13.2.65	Rondevlei, Cape	34 05 S	18 28 E	0	0	(?)	
593-06190	4.4.68	12.4.68	Rondevlei, Cape	34 05 S	18 28 E	0	47	(?)	
54-102479	8.1.59	20.9.63	Youngsfield Aerodrome, Cape	34 01 S	18 28 E	3m. NNE	56	X	
Maccovlei, Cape	34 05 S	18 28 E							
54-103047	Ad. 6.11.60	23.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	42	X	
Salisbury, Rhodesia	17 50 S	31 02 E							
622-07713	5.4.64	5.7.66	Salisbury, Rhodesia	17 50 S	31 02 E	0	27	(?)	
238: Three-banded Sandplover <i>Charadrius tricollaris</i>									
Windhoek, S.W.A.	22 37 S	17 08 E							
652-00086	30.10.66	16.9.67	Windhoek, S.W.A.	22 37 S	17 08 E	0	10	(?)	
Swakopmund, S.W.A.	22 33 S	14 35 E							
642-04203	13.3.65	29.7.66	Swakopmund, S.W.A.	22 33 S	14 35 E	0	16	(?)	
642-04210	13.3.65	29.7.66	Swakopmund, S.W.A.	22 33 S	14 35 E	0	16	(?)	
622-14993	4.1.65	16.9.67	Swakopmund, S.W.A.	22 33 S	14 35 E	0	32	(?)	
245: Blacksmith Plover <i>Hoplopterus armatus</i>									
Aisleby, Bulawayo, Rhodesia	20 07 S	28 38 E							
593-04675	Ad. 16.1.66	11.2.66	8m. NE Bulawayo, Rhodesia	20 07 S	28 38 E	8m. NE	1	X	
Ballantyne Park, Salisbury, Rhodesia	17 50 S	31 02 E							
634-05633	Ad. 31.1.64	3.2.64	6m. from Salisbury, Rhodesia	17 50 S	31 08 E	6m. N	0	X	
Rondevlei, Cape	34 05 S	18 28 E							
634-04945	27.10.64	6.12.64	Princess Vlei, Cape	34 05 S	18 28 E	0	1	X	
Black River, Cape	33 58 S	18 25 E							
B6756	16.1.59	16.1.65	6m. along Nat. Rd. to Paarl, C.P.	33 54 S	18 30 E	6m. ENE	72	+	

250: Ethiopian Snipe *Gallinago nigripennis*

Salisbury dist., Rhodesia	17 50 S	31 02 E	15m. N	Salisbury, Rhodesia	17 38 S	31 02 E	15m. N	49	+
593-08717	15.12.63	23.1.68							

Rondevlei, Cape	34 05 S	18 28 E	
*582-12430	Ad.	8.1.60	25.10.63
582-19842		18.2.63	22.2.64
622-15421		28.2.64	28.3.64
582-19818	Ad.	2.2.63	10.3.65
582-19905	Ad.	4.4.63	4.3.65
622-18397	Ad.	2.3.65	25.3.65
582-08821	Ad.	15.2.61	13.2.65
582-19452	Ad.	22.4.62	1.3.65
622-18359	Ad.	12.1.65	13.2.65
582-06874		14.12.60	1.3.65

251: Curlew Sandpiper *Calidris testacea*

Donets River, U.S.S.R.	48 00 N	37 45 E	6,625m. N	45	(?)
Rondevlei, Cape	34 05 S	18 28 E	0	12	(?)
Rondevlei, Cape	34 05 S	18 28 E	0	1	X
Rondevlei, Cape	34 05 S	18 28 E	0	25	(?)
Rondevlei, Cape	34 05 S	18 28 E	0	23	(?)
Rondevlei, Cape	34 05 S	18 28 E	0	1	(?)
Rondevlei, Cape	34 05 S	18 28 E	0	48	(?)
Strandfontein, Cape	34 07 S	18 33 E	3m. SE	35	(?)
Strandfontein, Cape	34 07 S	18 33 E	3m. SE	1	(?)
Strandfontein, Cape	34 07 S	18 33 E	3m. SE	50	(?)

253: Little Stint *Calidris minuta*

The number of Little Stint recoveries remains small but still includes several of great interest including two on the route north, one in the Transvaal (Cape-ringed) and one in Kenya. These two indicate that the migratory route may lie along the east side of Africa rather than the west. One recovery from Russia was made seven months after ringing, which, assuming its arrival at the breeding grounds in July, gives a minimum travelling speed of around 300 miles per week.

Rondevlei, Cape	34 05 S	18 28 E	
581-17189		5.1.59	3.66
*601-70408		15.1.65	17.8.65
*601-70426		4.5.65	1.6.66
601-70377	Ad.	5.1.65	24.1.65
601-70597		11.4.65	7.10.67
601-70437		9.2.65	15.2.65
Blue Lagoon, Kafue Flats, Zambia		15 45 S	28 25 E
*601-44213		1.12.66	25-27.3.68
Salisbury, Rhodesia	17 50 S	31 05 E	
*593-08772		5.4.64	14.11.64
Rondevlei, Cape	34 05 S	18 38 E	
593-02847		11.10.63	19.3.66
Langebaan Lagoon, Cape	33 05 S	18 02 E	
*593-02686		11.12.66	15.6.67
Randburg, TvI.	26 15 S	28 04 E	790m. NE
Omsk Region, nr. Maryanovka, U.S.S.R.	45 57 N	72 40 E	6,800m. NNE
Arkhangelsk Region, nr. Amderma, U.S.S.R.	69 43 N	61 40 E	8,000m. NNE
Rondevlei, Cape	34 05 S	18 28 E	0
Tamatievlei, Cape	34 05 S	18 28 E	3m. SE
Tamatievlei, Cape	34 05 S	18 28 E	3m. SE
Blue Lagoon, Lake Nakuru, Kenya	0 20 S	36 06 E	1,200m. NNE

256: Ruff *Philomachus pugnax*

Salisbury, Rhodesia	17 50 S	31 05 E	
*593-08772		5.4.64	14.11.64
Rondevlei, Cape	34 05 S	18 38 E	
593-02847		11.10.63	19.3.66
Langebaan Lagoon, Cape	33 05 S	18 02 E	
*593-02686		11.12.66	15.6.67
Krasnodansk Region, U.S.S.R.	45 48 N	38 59 E	4,470m. NE
Rondevlei, Cape	34 05 S	18 38 E	0

257: Terek Sandpiper *Tringa terek*

Salisbury, Rhodesia	17 50 S	31 05 E	
*593-08772		5.4.64	14.11.64
Rondevlei, Cape	34 05 S	18 38 E	
593-02847		11.10.63	19.3.66
Langebaan Lagoon, Cape	33 05 S	18 02 E	
*593-02686		11.12.66	15.6.67
Krasnodansk Region, U.S.S.R.	45 48 N	38 59 E	4,470m. NE
Rondevlei, Cape	34 05 S	18 38 E	0

258: Common Sandpiper *Tringa hypoleucos*

All the four recoveries of this species were made in Russia and include one made only three months after ringing in Rhodesia which gives a travelling speed of 500 miles per week. This is probably close to the genuine speed and indicates the value of wader ringing late in the season.

Ring No.	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	During recovery code	Order details
Mwekera, Kitwe, Zambia	12 48 S 28 15 E									
582-19057	25.8.62	1.9.63		Kalimin Region, U.S.S.R.	57 10 N 33 06 E	5,500m.	N	12	(?)	
Salisbury, Rhodesia	17 50 S 31 02 E									
622-15930	8.2.64	5.5.65		Vologda Region, U.S.S.R.	60 58 N 46 28 E	5,810m.	N	15	+	
622-15944	8.2.64	10.5.64		Gainy, Perm, U.S.S.R.	60 19 N 54 18 E	6,250m.	N	3	(?)	
Emerald North Rhodesia	17 40 S 29 20 E									
622-17278	16.8.66	28.4.67		Gorkii Region, U.S.S.R.	56 30 N 44 50 E	5,675m.	N	8	+	
Mwekera, nr. Kitwe, Zambia	12 50 S 18 20 E									
582-19168	Pull.	4.11.62	12.3.64	264: Wood Sandpiper <i>Tringa glareola</i> 12m. S Magoye, Zambia	16 01 S 27 35 E	155m.	S	16	X	
Most of the recoveries are of birds ringed on Schapen Island, and they show a radiation out from that area, north 72m. to Lamberts Bay and south 62m. to Milnerton.										
Schapen Island, Langebaan, Cape	33 05 S 18 01 E									
586-00964	22.12.63	22.10.66		St. Helena Bay, Cape	32 45 S 18 01 E	25m.	N	34	X	
*586-06490	22.12.63	3.2.68		Milnerton, Cape	33 54 S 18 30 E	62m.	SSE	49	X	
555-5627	Pull.	22.12.63	3.5.64	Stompneusbaai, Cape	32 42 S 17 58 E	28m.	N	4	X	
597-03391	Pull.	22.12.63	16.5.64	5m. from Vrederburg, Cape	32 50 S 17 59 E	15m.	N	5	X	
*586-06539	Juv.	22.12.63	6.2.66	Elandsbaai, Cape	32 18 S 18 20 E	56m.	NNE	25	(?)	
*586-0948	Juv.	22.12.63	25.10.64	Lamberts Bay, Cape	32 05 S 18 18 E	72m.	NNE	10	X	
586-6423	Pull.	22.12.63	23.1.64	Langebaan, Cape	33 05 S 18 01 E	0		1	V	
586-06588	Pull.	22.12.63	7.2.64	Langebaan Lagoon, Cape	33 05 S 18 01 E	0		2	X	
586-06583	Juv.	22.12.63	7.5.64	St. Helena Bay, Cape	32 54 S 18 01 E	25m.	N	4	(?)	
Swartklip, Cape	34 06 S 18 31 E									
586-07811	Juv.	26.12.60	15.9.63	Muizenberg end of Strandfontein beach, Cape	34 06 S 18 31 E	2m.	E	33	V	
Bredasdorp, Cape	34 35 S 20 00 E									
586-02514	Juv.	7.12.63	15.10.64	Bredasdorp, 4m. from sea, C.P.	34 35 S 20 00 E	10m.	E	10	X	
288: Grey-headed Gull <i>Larus cirrocephalus</i>										
The recoveries for this species show that it is quite wide ranging with an average distance moved of 209 miles even taking into account those recovered at the place of ringing. Almost all the birds moved South and the average time elapsed from ringing to recovery was 13 months.										
Welkom, O.F.S.	28 00 S 26 45 E									
635-11203	19.11.64	May, 1967		Westdene, Benoni, Tvl.	26 12 S 28 18 E	160m.	NE	29	+	
Westdene, Benoni, Tvl.	26 12 S 28 18 E									
635-00200	18.5.63	11.9.73		Durban, Bird Island, Ntl.	29 55 S 31 00 E	305m.	SE	4	x	
635-00096	18.5.63	7.7.65		Durban Bay, Natal	29 55 S 31 00 E	305m.	SE	26	x	
553-04356	14.6.59	17.1.64		Tongaat Beach, Natal	29 32 S 31 10 E	294m.	SE	54	x	
634-12669	Juv.	6.7.67	17.1.68	Richards Bay, Natal	28 47 S 32 06 E	290m.	SE	7	x	

*634-00836	Juv.	15.5.65	19.7.65	Luderitz, C.P.	26 40 S	15 19 E	830m. W	2	+
635-00187	Juv.	18.5.63	5.7.64	Lake Chvavi, 70 miles N. Lourenco Marques	24 58 S	32 47 E	300m. ENE	14	+
635-00116	Juv.	18.5.63	26.8.63	Maun, Botswana	20 00 S	23 30 E	535m. SE	3	+
*635-00025	Juv.	18.5.63	15.9.63	Senanga, Zambia	15 59 S	23 15 E	750m. NNW	4	+
*635-0321	Juv.	18.5.63	20.2.68	100 miles N. of Salisbury, Rhod.	16 15 S	31 00 E	720m. NNE	57	+
634-00954	Juv.	13.6.64	16.8.64	Rangeview Dam, Brakpan, Tvl.	26 20 S	28 20 E	55E	2	x
635-00155	Juv.	18.5.63	28.9.63	Vaal Dam, Tvl.	27 02 S	28 19 E	48m. SSW	4	x
635-00109	Juv.	18.5.63	23.20.63	Farm, Reveira, O.F.S.	?	?	?	5	x
634-00867	Juv.	15.5.65	27.10.65	Odendaalsrust, O.F.S.	27 50 S	26 40 E	154m. SW	6	x
635-00292	Juv.	18.5.63	17.10.66	Viljoensdrif, near Vereeniging, Tvl.	26 44 S	27 55 E	46m. SSW	41	(?)
634-00835	Juv.	15.5.65	21.8.66	Wittfeld, Boksburg, Tvl.	26 15 S	28 15 E	6m. SW	16	(?)
634-12408	Juv.	6.7.67	12.2.68	Boksburg, Tvl.	26 15 S	28 15 E	6m. SW	7	x
634-12382	Juv.	6.7.67	2.8.67	Parkdene, Boksburg	26 15 S	28 15 E	6m. SW	1	x
585-00508	Juv.	4.5.63	9.9.63	Welkom, O.F.S.	28 00 S	26 45 E	160m. SW	4	(?)
634-3349	Juv.	13.6.64	14.8.66	Water Pan, Welkom, O.F.S.	28 00 S	26 45 E	160m. SW	26	(?)
634-00117	Juv.	13.6.64	15.12.65	Welkom, O.F.S.	28 00 S	26 45 E	160m. SW	31	x
635-00189	Juv.	18.5.63	4.12.63	President Steyn Mine, Welkom, O.F.S.	28 00 S	26 45 E	160m. SW	7	(?)
634-03253	Juv.	13.6.64	13.6.64	Westdene, Benoni, Tvl.	26 12 S	28 18 E	0	0	x
634-00512	Juv.	13.6.63	13.6.64	Westdene, Benoni	26 12 S	28 18 E	0	0	x
635-00392	Juv.	18.5.63	20.10.63	Middledam, Benoni	26 12 S	28 18 E	0	5	x
634-00989	Juv.	13.6.64	5.10.64	Leeupan Dam, Benoni	26 12 S	28 18 E	0	4	x

289: Hartlaub's Gull *Larus novaehollandiae*

The recoveries for this species contrast markedly with the previous ones. The average movement was only 7 miles, the species appearing extremely sedentary. In fact it seems that nothing will be gained from ringing with the aim of studying the bird's movements. On average the Hartlaub's Gull lives longer than the Grey-headed Gull. (23 months to recovery as opposed to 13).

Rondevlei, Cape	34 05 S	18 28 E	29.2.64	Rondevlei, Cape	34 05 S	18 28 E	0	1	x
585-09662	15.1.64	24.1.64	24.1.64	Rondevlei, Cape	34 05 S	18 28 E	0	2	x
585-09619	6.12.63	8.3.65	28.4.65	Strand, Cape	34 05 S	18 48 E	19m. E	2	x
634-09012	Ad.	17.10.63	31.7.64	Constantia, Cape	34 01 S	28 25 E	5m. W	9	2
585-00391	Ad.	14.8.64	6.10.64	Milnerton, Cape	33 54 S	18 30 E	8m. N	2	(?)
635-05684	Ad.	1.10.59	10.8.64	Kemlworth, Cape	34 01 S	18 28 E	5m. N	58	x
553-9235	Ad.	20.10.63	7.4.64	Rondevlei, Cape	34 05 S	18 28 E	0	6	x
585-09551	Ad.	5.1.64	17.1.65	Langebaan Lagoon, Cape	33 05 S	18 02 E	75m. N	12	x
585-09630	Ad.	18.1.64	25.5.65	Cape Docks, Cape	33 59 S	18 30 E	11m. N	4	x
585-09679	Ad.	2.3.65	7.5.65	Rondevlei, Cape	34 05 S	18 28 E	0	2	(?)
634-01844	Ad.	2.3.65	21.4.65	Rondevlei	34 05 S	18 28 E	0	2	(?)
634-01847	Ad.	4.3.65	13.4.65	Princess Vlei, Retreat, Cape	34 05 S	18 28 E	1m. NW	2	(?)
635-05901	Ad.	31.10.60	11.4.65	Mouille Point, Cape	33 59 S	18 30 E	12m. NW	53	(?)
585-00211	Ad.	21.10.63	4.3.65	Rondevlei, Cape	34 05 S	18 28 E	0	16	(?)
585-09561	Ad.	28.2.65	3.4.65	Strandfontein, Cape	34 07 S	18 31 E	2m. S	1	(?)
635-05855	Ad.	2.3.65	5.4.65	Rondevlei, Cape	34 05 S	18 28 E	0	1	(?)
634-01858	Ad.	15.1.65	21.2.65	Rondevlei	34 05 S	18 28 E	0	1	(?)
634-01755	Ad.	14.12.58	19.2.65	Rondevlei	34 05 S	18 28 E	0	75	(?)
†553-5706		17.10.63	13.2.65	Rondevlei	34 05 S	18 28 E	0	16	(?)
585-00387		20.10.63	13.2.65	Rondevlei	34 05 S	18 28 S	0	16	(?)
585-09545				Rondevlei	34 05 S	18 28 S	0		(?)

Ringling Location	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	Euring re-covery code	Other details
635-05709		23.8.64	13.2.65	Rondevlei	34 05 S 18 28 E	0	0	6	(?)	
585-00246	Ad.	16.12.61	30.1.65	Rondevlei	34 05 S 18 28 E	0	0	37	(?)	
585-09560	Ad.	18.10.63	18.4.66	Voorstrand, Cape	33 59 S 18 30 E	11m.	N	30	x	killed by car
635-05607	Ad.	7.2.64	30.6.66	Kuils River, Cape	33 56 S 18 40 E	13m.	NE	29	(?)	
635-05857	Ad.	28.2.65	22.6.66	Athlone, Cape	33 57 S 18 30 E	7m.	N	16	x	
585-00378	Ad.	27.7.63	27.7.65	Rondevlei, Cape	34 05 S 18 28 E	0	0	24	(?)	
634-01851	Ad.	2.3.65	10.7.65	Robben Island, Cape	33 50 S 18 25 E	20m.	N	4	(?)	
553-5743	Ad.	23.12.58	9.2.66	Rondevlei, Cape	34 05 S 18 28 E	0	0	86	(?)	
585-09512	Ad.	18.10.63	7.5.68	Mouille Point, Cape	33 52 S 18 25 E	12m.	N	55	x	
585-09564	Ad.	18.10.63	15.5.68	Bellville, Cape	33 54 S 18 35 E	13m.	NE	55	x	
585-09684	Ad.	18.1.64	23.10.67	Glencairn, Cape	34 10 S 18 28 E	8m.	SW	45	x	
645-05371	Ad.	1.3.68	20.4.68	National Road, 5 miles from C.T. Cape	33 55 S 18 32 E	12m.	N	2	x	killed by car
†553-09553		28.6.60	20.11.66	Rondevlei, Cape	34 05 S 18 28 E	0	0	76	x	poisoned
Mossel Bay, C.P.	34 10 S 22 09 E									
*502-05279	Juv.	18.1.56	19.6.65		54 40 N 05 30 W	7,400m.	NW	113	v	
296: Sandwich Tern <i>Sterna sandvicensis</i>										
Robben Island, Cape	33 50 S 18 25 E									
635-02432	Juv.	25.5.68	26.6.68	Sea Point, Cape	33 55 S 18 25 E	12m.	S	1	x	
298: Swift Tern <i>Sterna bergii</i>										
Berg River Station	33 05 S 18 25 E									
593-07219		1.1.65	22.7.65	Berg River Station, Cape	33 05 S 18 25 E	0	0	7	x	broken wing
307: Namaqua Sandgrouse <i>Pterocles namaqua</i>										
Northdene, Natal	29 53 S 31 01 E									
634-10645		13.1.68	31.5.68	Westville/Pinetown, Ntl.	30 00 S 30 55 E	3m.	N	5	x	bird hit window and died
634-02721		7.9.67	20.1.68	Northdene, nr. Durban, Natal	29 53 S 31 00 E	0	0	5	+	bird shot but recovering
314: Red-eyed Dove <i>Sireptopelia semitorquata</i>										
Jonkershoek, Cape	33 55 S 18 55 E									
634-10099		8.3.67	20.9.67	Philadelphia, Cape	33 40 S 18 37 E	28m.	NW	6	+	
634-14030		10.5.67	6.6.67	Jonkershoek, Stellenbosch, Cape	33 55 S 18 55 E	0	0	1	0	
634-14283		18.9.67	6.2.68	Jonkershoek, Cape	33 55 S 18 55 E	0	0	5	0	
634-02162		27.6.67	6.2.68	Jonkershoek, Cape	33 55 S 18 55 E	0	0	7	0	
634-10400		8.5.67	6.2.68	Jonkershoek, Cape	33 55 S 18 55 E	0	0	9	0	
634-14006		9.5.67	6.2.68	Jonkershoek, Cape	33 55 S 18 55 E	0	0	9	0	
634-12815	Juv.	11.1.68	21.1.68	Jonkershoek, Cape	33 55 S 18 55 E	0	0	0	0	
634-12834		24.1.68	6.2.68	Jonkershoek, Cape	33 55 S 18 55 E	0	0	1	0	

316: Cape Turtle Dove *Streptopelia capicola*

Rondevlei 34 05 S 18 28 E							34 05 S	18 28 E	0	1	x	predator
634-03104		30.9.63										
Athlone, Cape	33 57 S 18 30 E											
B8925	Ad.	25.4.61					33 58 S	18 25 E	2m. W	27	x	killed by cat
Plumstead, Cape	34 03 S 18 28 E											
634-02002	Ad.	8.7.64					34 03 S	18 28 E	0	5	+	
Rondevlei 34 05 S 18 28 E												
A6780		10.7.60										
634-3154	Ad.	6.11.63					34 01 S	18 27 E	5m. NW	56	x	killed by cat
†A-7443	Ad.	8.2.59					34 01 S	18 27 E	5m. N	16	+	
Marandellas, Rhodesia	18 05 S 31 35 E						34 05 S	18 28 E	2m. NW	67	+	
634-05501	Ad.	17.1.64										
Jonkershoek, Stellenbosch	33 55 S 18 55 E						18 05 S	31 35 E	0	19	+	
634-14348		30.10.67										
634-10411		24.11.67					33 55 S	18 55 E	0	3	0	
634-14123		9.5.67					33 55 S	18 55 E	0	1	x	
634-14479		21.6.67					33 55 S	18 55 E	0	4	0	
634-14234		30.8.67					33 55 S	18 55 E	0	2	0	
634-14243		6.9.67					33 55 S	18 55 E	0	4	0	
634-14097		18.5.67					33 55 S	18 55 E	0	6	x	
634-10377		2.5.67					33 55 S	18 55 E	0	1	x	
634-10126		13.3.67					33 55 S	18 55 E	0	1	0	
634-10181		29.3.67					33 55 S	18 55 E	0	2	0	
Rondevlei, Cape	34 05 S 18 28 E						33 55 S	18 55 E	0	7	0	dead in trap
634-03170		16.6.64										
Plumstead 34 01 S 18 28 E							34 05 S	18 28 E	0	27	x	
634-02501		21.2.64										
		9.65					34 01 S	18 28 E	0	7	x	

317: Laughing Dove *Streptopelia senegalensis*

Only seven out of the 83 recoveries have moved more than 5 miles from the ringing locality. Five of the seven moved less than 15 miles and the remaining two 38 and 105 miles respectively.

There is a positive correlation between the distance moved and the time elapsed for the 58 Rondevlei recoveries. Those recovered at the place of ringing, 0 miles; av. elapsed time 2.5 months; those recovered up to 4 miles away; 9.8 months; those recovered more than 4 miles away; 13.8 months. This would seem to indicate either that as the birds grow older they range more widely, or that they are very sedentary and shift the ranges a little each year, so that the greater the time elapsed, the further from the place of ringing they are likely to be recovered.

Lombard Nature Reserve, Tvl.	27 40 S 25 42 E						27 40 S	25 42 E	0	8	(?)	
634-01943		25.2.65										
Windhoek 22 37 S 17 08 E												
634-01201	Juv.	31.8.65					22 37 S	17 08 E	0	4	x	killed by dog
Essexvale, Rhodesia	20 19 S 28 57 E											
B 3458	Ad.	16.6.63					20 19 S	28 57 E	0	1	x	killed by flying into wall
Sandringham, Johannesburg, Tvl.	26 15 S 28 04 E											
B3068		30.1.66					26 15 S	28 04 E	0	20	x	
B4695	Ad.	May 1964					26 15 S	28 04 E	0	5	+	
Famona, Bulawayo, Rhodesia	20 07 S 28 38 E											
634-05811	Imm.	28.3.65					20 07 S	28 38 E	0	6	x	

Ringling Location	Co-ordinates	Age	Recovery Date	Recovery Location	Co ordinates	Distance	Direction	Time elapses to near-est month	Claps- ed to re-covery code	Other details
Hillside, Bulawayo, Rhodesia	20 07 S 28 38 E		20 07 S 28 38 E		20 07 S 28 38 E	0	0	9	x	killed by car
634-05812 Imm.	29.5.65		23.2.66	Bulawayo, Rhodesia	20 07 S 28 38 E	0		2	x	damaged wing
634-05803 Imm.	20.9.64		19.11.64	Hillside, Bulawayo, Rhod.				10	x	
Plumstead, Cape 34 01 S 18 28 E	3.3.64		27.12.64	Rondebosch, Cape	33 58 S 18 25 E	4m. N		12	x	
B8338	27.3.64		12.4.65	Plumstead, Cape	34 01 S 18 25 E	0		16	x	
B8375 Ad.	14.2.66		11.6.67	Plumstead, Cape	34 01 S 18 25 E	0		7	x	killed by cat
634-02036	6.1.65		18.7.65	Plumstead, Cape	34 01 S 18 25 E	0		1	x	
B9289 Ad.	22.2.66		21.3.66	Plumstead	34 01 S 18 25 E	0		5	v	
634-02041	33 55 S 18 55 E		21.4.68	Stellenbosch, Cape	33 55 S 18 50 E	5m. NW		5	0	
Jonkershoek, Cape	4.12.67		24.10.67	Jonkershoek, Cape	33 55 S 18 50 E	0		7	x	
634-10432	18.5.67		6.2.68	Jonkershoek, Cape	33 55 S 18 50 E	0		9	0	
634-14100	4.7.67		27.11.67	Jonkershoek	33 55 S 18 50 E	0		14	x	
634-02196	1.3.67		23.12.65	Lytleiton, Pretoria, Tvl.	25 36 S 28 12 E	0		7	x	
634-10085	27.10.64		16.2.65	Elofsdal, Pretoria, Tvl.	25 36 S 28 12 E	0		1	x	killed by dog
Union Buildings, Pretoria 25 36 S 28 12 E	20.7.64		1.2.65	New Muckleneuk, Pretoria, Tvl.	25 36 S 28 12 E	0		5	x	
A-9601 Ad.	2.1.65		19.9.66	Muckleneuk, Pretoria, Tvl.	25 36 S 28 12 E	0		0	x	
593-07133	26.4.66		14.11.65	Union Buildings, Pretoria, Tvl.	25 36 S 28 12 E	0		8	+	killed by car
634-03598	26.10.64		17.6.65	Union Buildings, Pretoria, Tvl.	25 36 S 28 12 E	0		14	+	
B 3142	14.4.64		July 1965	Pretoria, Tvl.	25 36 S 28 12 E	0		11	0	
634-13330	14.12.64		10.11.65	Pretoria	25 36 S 28 12 E	0		1	0	
A 8899	28 E		8.7.65	Steenberg, Cape	34 05 S 18 28 E	2m. W		5	x	
A 5220	21.6.65		16.1.68	Citrusdal, Cape	32 35 S 19 00 E	105m. NNE		2	+	
634-03552	12.9.67		13.8.65	Cape Town	33 59 S 18 30 E	12m. N		32	x	
Rondevei 34 05 S 18 28 E	28.6.62		18.2.65	Zeekoevlei, Cape	34 05 S 18 28 E	0		5	x	
634-09460 Imm.	10.7.62		30.3.65	Southfield, Cape	34 02 S 18 29 E	3m. N		5	x	
*634-07333 Ad.	19.3.65		18.11.67	Strandfontein, Cape	34 06 S 18 31 E	3m. SE		25	+	
A 8026 Ad.	5.7.67		5.6.67	Kleinmond, Cape	34 23 S 19 02 E	38m. ESE		1	x	
A8061	10.5.65		20.11.67	Meadowridge, Cape	34 04 S 18 27 E	3m. N		22	(?)	
634-03102	5.10.67		6.2.67	Retreat, Cape	34 05 S 18 28 E	2m. W		9	x	
634-09934	7.4.65		27.7.66	Retreat, Cape	34 05 S 18 28 E	2m. W		6	x	
*634-09344	23.10.65		28.3.66	Prince George Drive, Retreat, Cape	34 05 S 18 28 E	2m. W		36	x	
645-07444	23.9.62		13.7.65	Philippi, Cape	33 57 S 18 30 E	8m. N		14	(?)	
634-09196	8.7.62		19.5.66	Philippi, Cape	34 07 S 18 28 E	3m. S		3	v	
634-04606	29.3.65		4.8.65	Muizenberg, Cape	33 57 S 18 30 E	3m. S		3	(?)	
A 8586	16.5.65		12.10.64	Muizenberg, Cape	34 07 S 18 28 E	3m. S		3	(?)	
A 8046	28.7.64		19.7.65	Muizenberg, Cape	34 07 S 18 28 E	3m. S		3	x	killed by cat
634-09141	25.4.65		24.10.63	Foreshore, Cape Town	34 07 S 18 28 E	3m. S		15	+	killed by lorry
634-09386	28.7.62		13.8.63	Rondebosch, Cape	33 58 S 18 25 E	7m. N		2	+	
634-02893	27.6.63		28.8.67	Heathfield, Cape	34 03 S 18 28 E	2m. NW		0	v	
634-09271	18.8.67									

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	3.3.65	Sept. 67	Main Road, Heathfield	34 03 S	18 28 E	2m. NW	30	+	killed by traf- fic
634-01882									
634-01586	12.10.65	30.1.67	Diep River, Cape	34 03 S	18 28 E	3m. NW	16	0	
634-09985	12.7.67	16.12.67	Diep River, Cape	34 03 S	18 28 E	3m. NW	6	x	killed by cat
634-09230	18.4.65	11.4.66	Bergvliet, Cape	34 04 S	18 27 E	4m. N	12	x	killed by cat
A-9403	29.4.62	31.8.64	Bergvliet	34 04 S	18 27 E	4m. N	28	x	killed by cat
645-07458	7.10.67	26.10.67	Plumstead, Cape	34 02 S	18 27 E	4m. N	1	(?)	
634-04993	11.11.64	1.5.65	Plumstead, Cape	34 02 S	18 27 E	4m. N	2	x	killed by cat
645-07355	18.9.67	28.9.67	Plumstead, Cape	34 02 S	18 27 E	4m. N	1	(?)	
634-04949	28.10.64	14.11.64	Plumstead, Cape	34 02 S	18 27 E	4m. N	1	x	
634-09371	13.5.65	17.5.67	Grassy Park, Cape	34 05 S	18 28 E	2m. W	25	x	killed by cat
†634-04846	10.9.64	14.5.68	Grassy Park	34 05 S	18 28 E	2m. W	44	v	
634-04822	5.9.64	8.5.65	Grassy Park, Cape	34 05 S	18 28 E	2m. W	8	+	
†A 8040	2.7.62	1.9.66	Grassy Park, Cape	34 02 S	18 25 E	5m. W	50	x	
645-07354	18.9.67	5.2.68	Constantia, Cape	34 02 S	18 25 E	5m. W	4	x	
634-09238	2.4.65	6.6.65	Constantia, Cape	34 02 S	18 25 E	5m. W	2	x	
645-07381	23.9.67	1.11.67	Wynberg, Cape	34 01 S	18 28 E	5m. NW	1	x	
5-01220	22.4.68	26.4.68	Wynberg, Cape	34 01 S	18 28 E	5m. NW	0	x	
634-04605	22.10.65	3.11.67	Wynberg, Cape	34 01 S	18 28 E	5m. NW	0	x	
634-04942	24.10.64	1.11.64	Rondevlei, Cape	34 05 S	18 28 E	5m. NW	24	v	
634-02968	22.8.64	27.8.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	0	
634-02875	19.7.64	27.7.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	0	
634-09259	23.4.65	26.4.65	Rondevlei, Cape	34 05 S	18 28 E	0	0	0	
634-09187	6.4.65	17.4.65	Rondevlei, Cape	34 05 S	18 28 E	0	0	(?)	
634-09144	1.4.65	5.4.65	Rondevlei, Cape	34 05 S	18 28 E	0	0	0	
634-09121	23.3.65	5.4.65	Rondevlei, Cape (retrapped 24.3.65 and 1.4.65)	34 05 S	18 28 E	0	0	0	
634-09598	12.9.65	14.9.65	Rondevlei, Cape	34 05 S	18 28 E	0	0	x	predator killed in bush trap
634-04875	20.9.64	26.9.64	Rondevlei, Cape	34 05 S	18 28 E	0	0	0	
645-05695	26.3.68	26.4.68	Rondevlei (retrapped 15 times in month)	34 05 S	18 28 E	0	1	v	
634-09314	1.5.65	16.5.65	Rondevlei, Cape	34 05 S	18 28 E	0	1	0	
634-09274	25.4.65	6.6.65	Rondevlei, Cape	34 05 S	18 28 E	0	1	0	
634-09155	2.4.65	25.4.65	Rondevlei, Cape	34 05 S	18 28 E	0	1	0	
634-04802	31.8.64	15.9.64	Rondevlei, Cape	34 05 S	18 28 E	0	1	0	
634-02821	29.6.64	18.7.64	Rondevlei, Cape	34 05 S	18 28 E	0	1	0	
634-02801	22.6.64	18.7.64	Rondevlei, Cape	34 05 S	18 28 E	0	1	0	
634-01702	4.1.64	26.1.64	Rondevlei, Cape	34 05 S	18 28 E	0	1	(?)	ring found in veid
634-09080	16.3.65	5.5.65	Rondevlei, Cape	34 05 S	18 28 E	0	2	(?)	
634-02817	28.6.64	13.8.64	Rondevlei, Cape	34 05 S	18 28 E	0	2	0	
634-01803	21.2.65	17.6.65	Rondevlei, Cape	34 05 S	18 28 E	0	4	0	
634-01588	12.10.65	21.4.66	Rondevlei, Cape	34 05 S	18 28 E	0	7	(?)	

319: Tambourine Dove *Turtur tympanistris*

Penhalonga, Rhodesia

18 48 S 32 45 E
30.12.65 3.10.67Penhalonga, Rhodesia
593-08196

21 x

18 48 S 32 45 E 0

18 48 S 32 45 E 0

18 48 S 32 45 E

18 48 S 32 45 E

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	During recovery code	Other details
Ring No.	Age	Kinging Date	Location	Location	Distance	Direction	month	code	Other details
322: Cinnamon Dove <i>Apiopelia larvata</i>									
Karkloof, Natal A 2385	29 30 S Ad.	30 30 E 18.12.65	Karkloof, Natal	29 30 S	30 30 E	0	2	x	flew into wall
348: Jacobin Cuckoo <i>Clamator jacobinus</i>									
Bulawayo, Rhodesia 634-05809	20 07 S Ad.	28 38 E 12.12.64	Bulawayo, Rhodesia	20 07 S	28 38 E	0	2	x	
356: Burchell's Coucal <i>Centropus superciliosus</i>									
Rondevelei, Cape 585-00377	34 05 S Juv.	18 28 E 25.7.63	Strandfontein, Cape	34 07 S	18 31 E	2m. S	29	x	
359: Barn Owl <i>Tyto alba</i>									
Kitwe, Zambia 597-03030	12 48 S Juv.	28 05 E 31.7.65	Kitwe Location, Zambia	12 48 S	28 05 E	0	3	x	killed by cats
368: Spotted Eagle-owl <i>Bubo africanus</i>									
Cape Town University, 526-0697	Rondebosch, Cape 6.11.63	33 58 S 26.3.64	Muizenberg, Cape	34 06 S	18 28 E	10m. S	4	x	
526-01603	25.11.65	18.1.68	University of Cape Town, Rondebosch	33 58 S	18 25 E	0	26	v	caught and released
Rondebosch, Cape 546-05808	6.8.65	Nov. 65	Rondebosch, Cape			0	2	(?)	
526-1662	Pull 6.9.65	31.1.66	Constauntia, Cape	34 02 S	18 25 E	6m. SSW	4	x	
Bulawayo Dist., Rhodesia 597-02967	20 07 S 14.10.67	28 38 E 23.10.67	Bulawayo Dist., Rhodesia			0	0	x	
Bryanston, Tvl. 525-3885	26 05 S 27.3.67	28 00 E 17.5.67	Bryanston, Tvl.	26 05 S	28 00 E	0	2	x	
373: South African Nighthjar <i>Caprimulgus pectoralis</i>									
Marren Hills, Rhodesia 593-08783	(co-ordinates unknown) Ad.♀	20.5.64	Marren Hills, Rhodesia			0	3	(?)	
376: Mozambique Nighthjar <i>Caprimulgus fossii</i>									
Pwira Pan, Zambia †622-14452	13 54 S Ad.♂	27 50 E 20.4.64	Lusaka dist., Zambia	14 58 S	27 50 E	90m. S	11	x	
383: White-rumped Swift <i>Apus caffer</i>									
Philippi, Cape 582-09225	33 57 S 10.1.62	18 50 E 21.9.63	Philippi, Cape	33 57 S	18 50 E	0	20	x	found dead on nest
Bryanston, Tvl. 582-13501	26 05 S 1.1.60	28 00 E 2.2.64	Johannesburg, Tvl.	26 15 S	28 04 E	10m. S	49	(?)	

Ringling Location Ring No.	Co-ordinates Age	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to near- est month	Earing re- covery code	Other details
413: Lilac-breasted Roller <i>Coracias caudata</i>									
Lilongwe, Malawi A 8203	14 00 S 33 40 E 26.6.64	26.6.68	Lilongwe, Malawi	14 00 S 33 40 E	0	0	48	x	
415: Mozambique Roller <i>Coracias naevia</i>									
Northham, Transvaal 634-03404 Ad.	24 57 S 27 15 E 4.10.64	8.4.68	Thabazimbi, Transvaal	24 35 S 27 25 E	30m.	NNE	42	(?)	
418: African Hoopoe <i>Upupa epops africana</i>									
Bryanston, Jhb. 593-05817 Ad.	26 15 S 28 04 E 11.7.63	9.12.63	Bryanston, Jhb.	26 15 S 28 04 E	0	0	5	x	cat or hawk
431: Black-collared Barbet <i>Lybius torquatus</i>									
Westville, Ntl. 593-00190 Ad.	29 55 S 31 00 E 9.2.63	8.9.63	Westville, Ntl.	29 55 S 31 00 E	0	0	7	x	
432: Pied Barbet <i>Lybius leucomelas</i>									
Towoomba Res. Stn. Tvl. 642-04122	24 54 S 28 19 E 17.8.67	30.6.68	Towoomba Res. Stn. Tvl.	24 54 S 28 19 E	0	0	10	v	
Bulawayo, Rhodesia 622-13724 Ad.	28 38 S 20 07 E 8.3.64	22.4.64	Bulawayo, Rhodesia	28 38 S 20 07 E	0	0	1	x	
439: Crested Barbet <i>Trachyphonus vaillantii</i>									
Bryanston, Tvl. †593-07842	26 15 S 28 05 E 13.12.64	17.7.65	Boskop Dist., Tvl.	26 33 S 27 07 E	65m.	SW	8	(?)	
502-07615	18.12.67	11.3.68	Randburg, Tvl.	26 15 S 28 04 E	2m.	SW	3	x	
643-00972	18.2.67	7.6.67	Johannesburg, Tvl.	26 15 S 28 04 E	0	0	3	x	
Benoni, Tvl. B 4810	26 12 S 28 18 E 25.9.60	8.8.63	Bryanston, Tvl.	26 15 S 28 04 E	20m.	NW	34	(?)	
Johannesburg, Tvl. 593-01920	26 15 S 28 04 E 29.8.64	15.2.66	Johannesburg, Tvl.	26 15 S 28 04 E	0	0	18	+	killed by car
593-07714 Ad.	20.2.64	30.6.64	Johannesburg, Tvl.	26 15 S 28 04 E	0	0	4	x	
593-05713	8.10.62	12.6.65	Bryanston, Transvaal	26 15 S 28 04 E	0	0	32	+	
B 8808	10.7.62	12.64	Bryanston, Transvaal	26 15 S 28 04 E	0	0	29	(?)	

493: European Swallow *Hirundo rustica*

The origins of European Swallows "wintering" in South Africa have been dealt with by Rowan (1968). One of her conclusions was that, although these swallows were drawn from areas stretching right across the paleartic range of the nominate race, birds from the extremes of that range predominate in South Africa.

If the method of recovery in three areas, the U.S.S.R., Great Britain and Ireland, and the rest of Europe is compared (see Table 2), it will be noticed that there is a difference in the percentages. Only 6 per cent of the Russian birds were controlled, whereas 47 per cent of the British and 26 per cent of the rest of Europe recoveries were controlled. This must be a reflection on the relative ringing activity of the three areas. Of the remaining methods of recovery,

it is interesting that such a comparatively small percentage (25 per cent) of the recoveries in Russia were found dead (although this might be increased if there was more information from those "unknown", while a comparatively large number ended their days violently (25 per cent). This contrasts with the figure for Britain (63 per cent and 7 per cent) which are comparable to those of the rest of Europe (76 per cent and 10 per cent).

Whether the tendency to shoot and catch swallows in Russia, presumably for food, causes any bias in the recovery rates or relative longevity of birds in the three areas, is difficult to establish.

Table 2
METHODS OF RECOVERY OF EUROPEAN SWALLOWS IN EUROPE

	Controlled	Unknown	Found Dead	Found breeding	Shot	Caught	Caught ?	Killed by traffic/cats
U.S.S.R.	9	60	35	8	6	13	14	4
Great Britain and Ireland	24	6	17	2	--	1	--	1
The rest of Europe	6	2	13	--	--	1	1	--

(For the calculation of percentages "caught?" totals have been included in "caught" totals)

493: European Swallow *Hirundo rustica*

Cape Town, Cape 33 59 S 18 30 E	Brenachaille, Argyll, Scotland	56 09 N 05 11 W	5,980m. N	33	X
601-72900 17.12.63 13.5.66					
Ottery, Cape 34 00 S 18 30 E	Kraznozerskoye, U.S.S.R.	54 00 N 79 16 E	7,760m. N	53	(?)
561-18135 21.2.59 7.63	nr. Zhylanka, Kocitkovskii Dist.	54 23 N 80 36 E	7,800m. N	4	0
Melkamer, Bredasdorp, Cape 34 30 S 20 10 E	Novosibirsk Region, U.S.S.R.	52 54 N 83 31 E	7,680m. N	15	+
662-04254 25.2.67 10.6.67	nr. Kalmanka, Altai Region, U.S.S.R.	55 10 N 59 40 E	6,820m. N	4	(?)
601-22677 10.2.67 5.68	U.S.S.R.				
A 18787 16.2.68 9.6.68	nr. Tyumentsevo, Altai Region,	53 20 N 81 27 E	7,710m. N	4	(?)
A 18755 15.2.68 16.6.68	U.S.S.R.				
A 04554 18.1.68 3.6.68	nr. Abatskoe, Tyumen Region,	56 18 N 70 25 E	7,850m. N	4	X
662-04273 26.2.67 25.5.67	U.S.S.R.				
A 18780 16.2.68 25.7.69	nr. Lokhuitsa, Poltava Region,	50 21 N 33 19 E	6,000m. N	3	0
662-12380 25.1.67 22.8.67	U.S.S.R.				
A 18357 Ad. 10.3.68 5.68	nr. Lukoyanov, Gorkiy Region,	55 00 N 44 28 E	6,470m. N	5	V
Rondevlei, Cape 34 05 S 18 28 E	Rhosneigr, Anglesey, Wales	53 14 N 04 31 W	6,240m. N	7	V
A 19008 Ad. 14.2.68 9.12.68	Colne, Lancs., England	53 50 N 02 10 W	6,220m. N	2	X
A 03601 27.1.68 1.12.69	Aldermansvlei, Firgrove, Cape	34 03 S 18 47 E	21m. E	10	V
	Aldermansvlei, Firgrove, Cape	34 03 S 18 47 E	21m. E	22	V

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month code	Euring re-covery code	Other details
Ring No.	Age	Ringling Date	Recovery Location	Co-ordinates	Distance	Direction			
Sewage Farm, Athlone, Cape	33	33 57 S 18 30 E	Epping, Cape	33 56 S	18 32 E	2m. N	0	(?)	
601-57080		25.2.66	Epping, Cape	33 55 S	18 28 E	1m. N	0	(?)	
601-96663		23.2.66	Pinelands, Cape	34 07 S	18 33 E	9m. S	2	+	killed by car
601-72895	Ad.	17.12.65	Muizenberg Sewage Works, Cape	34 03 S	18 47 E	23m. ESE	48	+	
591-12319		30.12.65	Aldermansvlei, Firgrove, Cape	34 03 S	18 47 E	23m. ESE	70	V	
601-70799		23.2.63	Aldermansvlei, Firgrove, Cape	34 03 S	18 47 E	23m. ESE	48	(?)	
581-29523		13.1.62	Aldermansvlei, Firgrove, Cape	33 54 S	18 30 E	5m. N	0	X	
601-22548		3.2.67	Milnerton, Cape	33 57 S	18 30 E	0	47	V	
591-12318	Ad.	11.1.62	Athlone, Cape	36 54 N	10 44 E	5.0:0m. N	15	V	
601-57017		26.1.66	Tunisia						
			Quied el Abid, Cap Bon, Tunisia						
601-57066		23.2.66	East Chevin, Otley, Yorkshire, Eng-land	53 50 N	1 42 W	6,220m. N	8	X	
601-73530		11.2.65	Ballymoney, Antrim, Ireland	54 28 N	6 30 W	6,400m. N	39	X	
Aldermansvlei, Firgrove, Cape	34	34 03 S 18 47 E							
601-73274	Ad.	31.12.64	Klavervlei, Faure, Cape	34 01 S	18 44 E	3m. NW	3	(?)	
601-86113	Ad.	12.2.64	Somerset West, Cape	34 05 S	18 48 E	5m. ESE	12	X	
601-31073	Ad.	29.12.65	3m. W Stellenbosch, Cape	34 00 S	18 55 E	14m. NNE	3	+	killed by car
601-31984	Ad.	8.2.66	3m. W Stellenbosch, Cape	34 00 S	18 55 E	14m. NNE	2	+	killed by car
601-31049	Ad.	29.12.65	Rondevlei, Cape	34 05 S	18 28 E	21m. W	25	V	
601-31816	Ad.	22.1.66	4m. N Humansdorp, Cape	34 00 S	24 52 E	345m. E	1	X	
601-95013		2.3.64	nr. Kutaisi, Georgian S.S.R., U.S.S.R.	42 15 N	42 43 E	5,500m. N	1	=	
601-9552		29.1.65	Tulsk Region, U.S.S.R.	54 05 N	36 30 E	6,200m. N	6	(?)	
A 04094		23.1.68	nr. Kholm-Zirkovsk, Smolensk Reg., U.S.S.R.	55 34 N	33 27 E	6,400m. N	5	+	
601-95529		29.1.65	Kalinin Region, U.S.S.R.	56 24 N	34 34 E	6,460m. N	16	(?)	
601-31755		22.1.66	nr. Makushino, Kurgan Region, U.S.S.R.	55 12 N	67 13 E	6,900m. N	17	=	
601-95588		1.2.65	Altai Region, U.S.S.R.	52 50 N	86 31 E	8,320m. N	6	X	
601-10554		29.12.66	Bolylo, nr. Montrose, Angus, Scot-land	56 44 N	02 28 W	6,020m. N	7	(?)	
A 03984	Ad.	21.1.68	Braintree, Essex, England			6,110m. N	4	V	
601-96188	Ad.	11.12.65	Letterkenny, Donegal, N. Ireland	54 59 N	07 45 W	6,000m. N	6	+	killed by car
601-31097		30.12.65	Farnham, Surrey, England	51 13 N	00 49 W	6,000m. N	5	(?)	
Zeekoefvlei, Cape	34	34 00 S 18 45 E							
601-73259	Ad.	28.12.64	nr. Krasnopolie, Sumy Region, U.S.S.R.	50 48 N	35 18 E	5950m. N	5	X	
601-95275	Ad.	4.4.64	nr. Kupino, Novosibirsk Region U.S.S.R.	54 23 N	77 19 E	6,850m. N	40	(?)	
Escrom Dam, Kimberley, Cape	28	28 42 S 24 49 E							
662-25247		12.12.67	Butha-Butha Township, Basutoland	28 48 S	28 13 E	207m. E	0	X	
662-02868		2.2.67	Tororo, Uganda	00 50 N	34 05 E	2,100m. NNE	8	V	

662-06984	22.3.67	27.5.67	Longueville, Lot-et-Garonne, France	44 28 N	00 14 E	5,460m. N	2	X
662-05691	5.3.67	1.6.67	Mayfield, nr. Uckfield, Sussex, Eng-land	51 01 N	00 16 E	5,830m. N	3	X
662-06180	Ad.	27.4.68	Havering, Romford, Essex, England	51 37 N	00 11 E	5,880m. N	13	V
662-06819	Ad.	23.5.67	Southern-on-Sea, Essex, England	41 53 N	05 37 W	5,900m. N	2	V
662-00691	Ad.♀	30.1.67	Oakengates, Shropshire, England	52 39 N	02 28 W	5,950m. N	8	V
662-03707	Ad.♀	24.2.67	Skokholm Is., Pembrokeshire, Wales	51 40 N	05 15 W	6,100m. N	3	V
601-34817		21.12.66	nr. Kremenets, Ternopol Region, U.S.S.R.	50 06 N	25 46 E	5,800m. N	6	(?)
662-01809		Summer	nr. Krasnyikut, U.S.S.R.	50 59 N	46 59 E	5,840m. N	?	V
662-25901		27.12.67	nr. Alekseyevka, Belgorod Reg., U.S.S.R.	50 39 N	38 41 E	5,680m. N	5	(?)
662-26402		11.1.68	nr. Peschana, Vinnitsa Region, U.S.S.R.	48 18 N	29 42 E	5,650m. N	5	(?)
662-00964		20.1.67	nr. Kingisepp, Leningrad Region, U.S.S.R.	59 23 N	28 37 E	6,260m. N	4	(?)
662-00549		19.1.67	Magdeburg, Germany	52 10 N	11 40 E	5,650m. N	7	X
662-05587		3.3.67	Dresden, E. Germany	51 03 N	13 40 E	5,600m. N	5	X
662-02986		9.2.67	Island Hiddensee, W. Germany	54 30 N	13 03 E	5,800m. N	5	X
662-03089		10.2.67	Leven, East Yorkshire, England	53 50 N	00 20 W	6,040m. N	6	X
662-02314		3.2.67	Appleby, Westmoreland, England	54 35 N	02 30 W	6,050m. N	4	V
662-01265		23.1.67	Nr. Hexham, Northumberland, Eng-land	54 59 N	02 07 W	6,090m. N	4	X
662-05995		3.3.67	Hale, nr. Liverpool, England	53 24 N	02 59 W	6,000m. N	2	V
662-03331		10.2.67	Dawley, Oakengates, England	52 39 N	02 28 W	5,950m. N	8	(?)
662-03299	Ad.♂	10.2.67	nr. Hull, Yorkshire, England	53 43 N	00 35 W	6,020m. N	20	V
662-06805		22.3.67	Cofermanagh, N. Ireland	45 30 N	07 00 W	5,900m. N	2	=
662-06609	Ad.	17.3.67	Lossetmouth, Morayshire, Scotland	57 40 N	03 18 W	6,090m. N	12	X
662-03298		10.2.67	Rockanje bij Rotterdam, (Zuid Hol-land) Netherlands	51 52 N	04 05 E	5,680m. N	15	X
662-06449		17.3.67	Bitterfeld, Denmark	57 37 N	12 20 E	5,730m. N	3	V
662-06133		16.3.67	nr. Horsens, Jylland, Denmark	55 55 N	09 55 E	5,780m. N	2	X
Grahamstown Sewage Works, E. Cape	33 17 S	26 56 E						
601-29068		14.12.66	nr. Saatura, Moscow region, U.S.S.R.	55 35 N	39 30 E	6,350m. N	5	(?)
601-29342	Ad.♂	11.1.67	Dawley, Oakengates, Shropshire England	52 39 N	02 28 W	5,950m. N	8	V
Steynrus Dam, nr. Grahamstown	33 33 S	26 54 E						
662-07092		9.12.67	nr. Vylkovo, Tyumenzevo Dist., Altai Region, U.S.S.R.	53 27 N	81 49 E	7,300m. N	5	X
Kwa Mashu, Durban, Natal	29 55 S	31 00 E						
601-88040	Ad.	5.2.65	Durban, Natal	29 55 S	31 00 E	0m.	12	X
601-36997	Ad.	2.2.66	New Germany, Natal	29 47 S	30 55 E	9m. NW	13	(?)
601-87534	Ad.	27.2.65	Cato Ridge, Natal	29 44 S	30 38 E	25m. W	35	+
601-13236		16.2.66	nr. Sumgait, Azer baijan, U.S.S.R.	46 36 N	49 38 E	5,200m. N	5	(?)
601-12945		11.2.66	Lvov Region, U.S.S.R.	49 46 N	23 39 E	5,520m. N	4	X
601-12730		4.2.66	nr. Aleievka, Belgorod Region U.S.S.R.	50 48 N	38 41 E	5,560m. N	7	(?)
601-93998		15.3.65	Orlov Region, U.S.S.R.	50 38 N	36 57 E	5,580m. N	4	(?)

snowstorm

Kinging Location Ring No.	Co-ordinates Age	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Euring re- covery code	Other details
601-20470	3.4.66	2.8.66	Yaroslav Region, U.S.S.R.	52 32 N	40 15 E	N	5,620m.	4	+	
601-12945	11.2.66	31.5.66	nr. Gorodok, L'vov Region, U.S.S.R.	49 46 N	23 39 E	N	5,643m.	4	X	
601-79069	20.3.65	18.8.65	Volgogradsk Region, U.S.S.R.	50 48 N	42 22 E	N	5,650m.	5	(?)	
601-89045	6.4.65	19.7.66	Turki, Saratov Region, U.S.S.R.	52 00 N	43 18 E	N	5,700m.	15	(?)	
601-79580	3.4.65	18.6.65	Kolyshlei, Penza Region, U.S.S.R.	52 43 N	44 32 E	N	5,800m.	2	X	
601-36434	2.1.66	8.5.68	nr. Krasnoznamenak, Kaliningrad Region, U.S.S.R.	54 57 N	22 30 E	N	5,900m.	28	+	
601-53750	21.11.65	24.5.66	nr. Semenov, Gorkii Region, U.S.S.R.	56 46 N	44 30 E	N	6,060m.	6	X	
601-20239	9.3.66	25.10.66	nr. Staraya, Nougorod Region, U.S.S.R.	57 58 N	31 22 E	N	6,110m.	8	(?)	
601-30362	27.11.66	22.6.67	nr. Magdalisnyka, Dnepropetrovsk Region, U.S.S.R.	48 57 N	34 55 E	N	6,120m.	7	(?)	
601-37620	21.1.67	9.8.67	nr. Iarasovskii, Rostov Region, U.S.S.R.	48 44 N	40 21 E	N	6,170m.	6	(?)	
601-12756	4.2.66	28.4.67	nr. Kshenskii, Kursk Region, U.S.S.R.	51 51 N	37 43 E	N	6,320m.	15	(?)	
601-53926	28.11.65	28.5.66	nr. Klimtsy, Bryansk Region, U.S.S.R.	52 46 N	32 14 E	N	6,420m.	5	(?)	
601-87726	7.3.65	16.5.66	nr. Presnovka, Severo-Kazakh Region, U.S.S.R.	54 56 N	69 09 E	NE	6,460m.	14	X	
601-87584	28.2.65	11.5.65	Kazakhstan, U.S.S.R.	48 00 N	65 00 E	N	6,600m.	3	X	
601-20071	26.2.65	20.7.66	Ankhangelisk Region, U.S.S.R.	65 50 N	44 17 E	N	6,650m.	5	0	
601-12612	4.2.66	17.5.66	Karaganda Region, U.S.S.R.	50 10 N	73 17 E	N	6,820m.	3	0	
601-12442	4.2.66	17.5.67	nr. Zdvinsk, Novosibirsk Region, U.S.S.R.	54 23 N	78 35 E	NE	5,905m.	15	(?)	
601-13622	22.2.66	21.5.67	nr. Mamontovo, Altai Region, U.S.S.R.	51 47 N	83 25 E	NE	6,850m.	15	V	
601-30345	20.11.66	20.8.67	nr. Kingisepp, Leningrad Region, U.S.S.R.	59 23 N	28 37 E	N	6,920m.	9	X	
601-13811	16.3.65	9.7.66	nr. Georgievka, Semipalatinsk Region, U.S.S.R.	49 21 N	81 52 E	NE	6,950m.	4	(?)	
601-20100	26.2.66	7.6.66	nr. Petukhovo, Kurgan Region, U.S.S.R.	55 02 N	67 54 E	N	7,170m.	3	=	
601-87606	28.2.65	.66	nr. Zdvinsk, Novosibirsk Region, U.S.S.R.	54 43 N	78 41 E	N	7,170m.	15	(?)	
601-53241	2.1.66	23.5.66	Altai Region, U.S.S.R.	52 00 N	85 00 E	NE	7,200m.	5	V	
601-36651	9.1.66	25.5.67	nr. Dalmatovo, Kurgan Region, U.S.S.R.	56 17 N	62 56 E	E	7,220m.	17	+	
601-20138	6.3.66	28.6.66	Omsk Region, U.S.S.R.	55 14 N	72 58 E	E	7,260m.	4	(?)	
601-13273	16.2.66	6.8.66	Tyumeri Region, U.S.S.R.	56 45 N	70 36 E	N	7,280m.	6	+	
601-87702	7.3.65	23.5.67	Kemerov Region, U.S.S.R.	54 14 N	85 43 E	E	7,290m.	27	(?)	
601-87139	31.1.65	6.65	Karasuk, Novosibirsk Region, U.S.S.R.	53 44 N	78 03 E	E	7,300m.	4	=	

Rosherville Dam, Johannesburg, Tvl. 26 33 S 28 06 E	26 15 S	28 04 E	?	23	X
601-05054	27.2.68	28 11 E	35m. N	12	V
601-01877	25.2.67	28 11 E	35m. N	3	V
601-08337	25.2.67	28 11 E	35m. N	5	V
601-03144	30.10.66	28 11 E	35m. N	12	V
601-05737	13.3.66	28 11 E	35m. N	14	V
662-13525	25.2.67	28 11 E	35m. N	7	V
601-00112	8.4.67	28 11 E	35m. N	16	V
601-41839	13.9.66	28 11 E	35m. N	2	V
601-40749	25.3.67	28 11 E	35m. N	3	V
601-40828	18.3.67	28 11 E	35m. N	3	V
601-40602	15.1.67	28 11 E	35m. N	3	V
601-39588	15.1.67	28 11 E	35m. N	3	V
601-39588	14.1.67	28 11 E	35m. N	3	V
601-39270	14.1.67	28 11 E	35m. N	4	V
662-15505	27.11.66	28 11 E	35m. N	0	V
662-15423	11.3.67	28 11 E	35m. N	0	V
601-46127	5.3.67	28 11 E	35m. N	14	V
A-07864	11.2.68	28 11 E	35m. N	1	X
662-23682	14.1.68	27 45 E	20m. W	1	X
601-45885	19.12.65	28 32 E	90m. N	2	+
		25 55 S	17m. NE		killed by car
601-77439	26 3.65	28 43 S	228m. SW	9	X
601-40213	18.12.66	28 42 S	265m. SW	2	(?)
601-97644	9.2.67	28 42 S	265m. SW	2	V
601-40213	20.11.66	28 42 S	265m. SW	4	V
601-40213	18.12.66	28 42 S	265m. SW	2	V
662-15884	12.3.67	28 42 S	265m. SW	10	X
601-01716	27.2.66	19 46 S	420m. N	20	(?)
601-47863	6.2.66	00 00 S	2,000m. NNE	21	(?)
601-07278	20.3.66	00 50 S	1,800m. N	21	(?)
601-05045	20.3.66	00 50 S	1,800m. N	19	(?)
601-05886	27.3.66	38 30 N	4,800m. NW	6	(?)
601-02390	27.3.66	43 31 N	4,900m. N	14	(?)
601-17248	13.11.66	57 04 N	5,740m. N	16	(?)
601-47383	23.1.66	55 30 N	5,660m. N	6	X
601-49487	30.1.66	53 28 N	5,680m. N	6	+
601-41501	21.11.65	48 06 N	5,250m. N	7	X
601-41916	28.11.65	47 46 N	5,200m. N	9	V
601-07552	10.4.66	52 10 N	5,600m. N	30	X
		59 40 N	5,940m. N	14	(?)
		59 37 N	5,960m. N	6	X
601-17419	20.11.66	58 46 N	5,960m. N	7	X
662-15349	5.3.67	61 03 N	5,930m. N	6	V
601-48004	2.2.66	53 14 N	5,860m. N	7	V
601-48349	12.2.66	51 45 N	5,680m. N	6	X
601-97558	13.11.66	54 05 N	5,840m. N	27	(?)
601-09980	6.3.66	51 52 N	5,700m. N	7	V
601-40842	15.1.67	51 02 N	5,620m. N	?	X
662-13316	5.2.67	01 30 W	5,620m. N		X
		01 30 W	5,620m. N		X
		01 28 W	5,840m. N		X
		01 54 W	5,700m. N		V
		01 54 W	5,700m. N		V
		01 30 W	5,620m. N		X
		01 30 W	5,620m. N		X
		05 44 E	5,960m. N		X
		05 57 E	5,960m. N		X
		25 05 E	5,930m. N		V
		02 17 W	5,860m. N		V
		00 20 W	5,680m. N		X
		01 28 W	5,840m. N		(?)
		01 54 W	5,700m. N		V
		01 30 W	5,620m. N		X

Ringling Location Ring No.	Co-ordinates Age	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month code	Euring re- covery Other details
662-16956	6.4.67	21.5.67	Sturton-by-Stow, Lincoln, England	53 12 N	00 29 W	5,800m. N	1	X
662-13385	11.2.67	28.6.67	Slaley, nr. Hexham, Northumber- land, England	54 55 N	02 03 W	5,900m. N	4	X
A.00447	20.2.66	23.5.66	Glencarse, Perth, Scotland	56 23 N	03 19 W	5,990m. N	3	V
601-42141	14.1.68	13.5.68	Navan, Co. Meath, Ireland	53 40 N	06 40 W	5,890m. N	4	X
601-41816	4.12.65	2.7.66	Ballycullen, Wexford, Ireland	52 17 N	07 08 W	5,820m. N	7	(?)
A.99509	4.12.65	27.5.66	Castleblayney, Monaghan, Ireland	54 07 N	06 44 W	5,940m. N	6	X
601-94091	14.1.68	24.5.68	St. Clears, Carmarthen, Wales	51 45 N	04 30 W	5,760m. N	4	V
	11.4.65	15.5.65	nr. Leninsk-Kuznetskiy, Kemerov Region, U.S.S.R.	54 39 N	86 10 E	7,150m. N	1	=
601-94397	18.4.65	7.65	Kapirevo, Krasnoyarsk Region, U.S.S.R.	53 12 N	91 49 E	7,400m. N	3	(?)
601-07485	10.4.65	26.6.66	nr. Knyazhie Gory, Zubtsov Dist. Kalinin Region, U.S.S.R.	56 05 N	35 12 E	5,700m. N	14	X
601-45549	19.12.65	5.66	nr. Semenooka, Poltava Region, U.S.S.R.	49 40 N	33 10 E	5,300m. N	6	X
601-41823	28.11.65	8.66	nr. Puchezh, Ivanovo Region, U.S.S.R.	56 58 N	43 09 E	5,820m. N	9	X
601-41864	28.11.65	2.7.67	nr. Podporozhie, Leningrad Region U.S.S.R.	60 54 N	34 09 E	6,150m. N	20	=
601-88230	18.4.65	Summer .67	nr. Petropavlovsk, Altaisk Region, U.S.S.R.	52 04 N	84 08 E	7,000m. NE	26	(?)
601-88252	18.4.65	11.8.67	nr. Veitkaya Mikhailovka, Odessa Region, U.S.S.R.	47 06 N	30 52 E	5,100m. N	28	(?)
601-42539	5.12.65	13.5.68	nr. Bogoroditsk, Tulsk Region, U.S.S.R.	53 51 N	36 34 E	5,550m. N	29	(?)
601-45965	19.12.65	19.6.68	nr. Zachepilovka, Kharkov Region U.S.S.R.	49 13 N	35 14 E	5,300m. N	30	X
601-06267	27.2.66	20.6.66	Leningrad, U.S.S.R.	59 50 N	30 20 E	6,000m. N	4	X
601-46514	8.1.66	20.6.66	nr. Kesma, Kalinin Region, U.S.S.R.	58 25 N	32 04 E	5,850m. N	5	+
601-46531	8.1.66	3.5.66	nr. Belopolie, Sumy Region, U.S.S.R.	51 10 N	34 17 E	5,400m. N	4	0
601-06770	13.3.66	4.8.66	nr. Velikie, Luki, Pskov Region U.S.S.R.	56 30 N	30 31 E	5,700m. N	5	0
601-05772	13.3.66	29.8.66	nr. Tim, Kursk Region, U.S.S.R.	51 39 N	37 08 E	5,430m. N	5	0
601-05857	27.3.66	21.6.66	nr. Lebedin, Sumy Region U.S.S.R.	50 38 N	34 26 E	5,400m. N	3	X
601-05334	20.3.66	24.5.66	Wola Mlynska, Pasiek, Poland, U.S.S.R.	54 11 N	19 45 E	5,650m. N	2	(?)
601-03358	13.2.66	24.5.66	nr. Borisovka, Belgorod Region U.S.S.R.	50 36 N	36 01 E	5,350m. N	3	(?)
601-02648	3.4.66	5.5.66	nr. Gorodok, Vitebsk Region, U.S.S.R.	55 30 N	30 00 E	5,750m. N	1	(?)
601-01497	27.2.66	15.4.66	Pyrzyca, Poland, U.S.S.R.	53 11 N	15 06 E	5,600m. N	2	(?)
601-00916	20.2.66	20.5.66	nr. Kursk, Kursk Region, U.S.S.R.	51 46 N	36 12 E	5,450m. N	3	X

601-07769	13.3.66	27.7.67	nr. Belozersk, Vologda U.S.S.R.	60 03 N 37 38 E	6,000m. N	16	(?)
601-02204	27.3.66	16.8.67	nr. Rossony, Vitebsk U.S.S.R.	55 52 N 28 18 E	5,700m. N	17	(?)
601-00936	20.2.66	6.67	nr. Koshki, Kuibyshev U.S.S.R.	54 12 N 50 30 E	5,800m. N	16	X
601-02394	27.3.66	4.6.67	nr. Agryz, Malopurginskii Udmurtian, U.S.S.R.	56 30 N 53 00 E	6,000m. N	15	X
601-04310	6.3.66	28.5.67	nr. Volchikha, Altai U.S.S.R.	52 02 N 80 21 E	6,900m. NE	14	(?)
601-06335	27.2.66	21.5.67	nr. Litin, Vinnitsa U.S.S.R.	48 23 N 28 06 E	5,350m. N	15	(?)
601-05436	27.3.66	20.8.67	nr. Gzhatsk, Smolensk U.S.S.R.	55 33 N 28 06 E	5,700m. N	17	(?)
601-49507	30.1.66	Summer	nr. Poltarka, Omsk U.S.S.R.	54 48 N 70 19 E	6,100m. N	5	(?)
601-04851	6.3.66	Summer	nr. Darydovka, Voronezh U.S.S.R.	51 09 N 39 27 E	5,450m. N	27	V
601-0068	20.2.66	5.6.68	nr. Zilair, Bashkirian, U.S.S.R.	52 13 N 57 24 E	6,200m. N	28	X
662-16380	26.3.67	25.5.67	nr. Olonets, Karelia, Olonets Region, U.S.S.R.	60 59 N 33 00 E	6,150m. N	2	(?)
601-08674	1.1.67	15.6.67	nr. Sheksna, Vologda U.S.S.R.	59 12 N 38 32 E	6,000m. N	5	(?)
601-39650	15.1.67	24.7.67	nr. Terviz, Omsk Region, U.S.S.R.	57 36 N 72 04 E	6,700m. N	6	(?)
662-15116	5.3.67	8.67	nr. Stavishche, Kiev Region, U.S.S.R.	49 26 N 30 24 E	5,450m. N	5	(?)
601-17627	11.2.67	25.6.67	nr. Plesetsk, Arkhangelsk U.S.S.R.	62 43 N 40 17 E	6,200m. N	4	X
601-40497	2.1.67	5.6.67	nr. Terekhovka, Dobrushski Gornel Region, U.S.S.R.	52 12 N 31 26 E	5,460m. N	5	0
601-40643	14.1.67	9.6.67	nr. Bagrationovsk, Kaliningrad Region, U.S.S.R.	54 23 N 30 37 E	5,650m. N	5	X
601-40629	14.1.67	13.5.67	nr. Khutor-Mikhailovskii, Sumy Region, U.S.S.R.	52 03 N 33 56 E	5,480m. N	4	+
662-19643	25.2.67	18.6.67	nr. Verebie, Novgorod U.S.S.R.	58 40 N 32 41 E	5,920m. N	4	(?)
662-19684	25.2.67	20.5.67	nr. Playsk, Tuls Region, U.S.S.R.	53 47 N 37 18 E	5,580m. N	3	+
662-13407	11.2.67	16.5.67	nr. Zlynka, Kirovograd U.S.S.R.	48 28 N 32 19 E	5,300m. N	3	0
601-39650	15.1.67	5.68	nr. Terviz, Omsk Region, U.S.S.R.	57 30 N 72 24 E	7,100m. N	16	(?)
622-14267	22.10.67	23.5.68	Riga, Latvia, U.S.S.R.	51 00 N 24 30 E	5,900m. N	7	X
662-13415	11.2.67	21.5.68	nr. Gadyacn, Poltava U.S.S.R.	50 24 N 34 00 E	5,350m. N	15	(?)
662-15212	5.3.67	14.5.68	nr. Opodika, Pskov Region, U.S.S.R.	56 43 N 28 34 E	5,850m. N	14	(?)
662-22302	26.11.67	12.6.68	nr. Valki, Kharkov Region, U.S.S.R.	49 50 N 35 19 E	5,300m. N	7	(?)
601-97919	14.1.67	12.5.68	nr. Ananiev, Rovno Region, U.S.S.R.	47 45 N 29 56 E	5,200m. N	16	(?)
A 09726	3.3.68	23.6.68	nr. Sychevka, Smolensk U.S.S.R.	55 50 N 34 16 E	5,700m. N	3	(?)
A 08461	21.1.68	19.5.68	nr. Kirov, Kirov Region, U.S.S.R.	58 38 N 49 40 E	6,050m. N	4	X
A 09753	3.3.68	28.5.68	nr. Lyuban, Minsk Region, U.S.S.R.	52 46 N 28 00 E	5,500m. N	2	(?)
A 09930	3.3.68	6.68	nr. Blushkovo, Kursk Region, U.S.S.R.	51 20 N 34 37 E	5,400m. N	3	(?)
A 11044	17.3.68	18.5.68	nr. Baranovich, Brest U.S.S.R.	53 08 N 26 03 E	5,700m. N	2	X

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Flaring re-covery code	Other details
A 08032	21.1.68	21.5.68	nr. Pogrebishche, Vinnizk Region U.S.S.R.	49 30 N 29 18 E	5,400m.	N	4	(?)	
A 08078	21.1.68	6.6.68	nr. Allaganat, Bashkiriam, Sterlita- mak Region, U.S.S.R.	53 07 N 55 56 E	6,050m.	N	5	X	
Bryanston, Johannesburg, Tvl.	26 04 S 28 05 E								
601-43835	26.12.66	12.3.67	Rosherville Dam, Tvl.	26 13 S 28 06 E	9m.	S	3	V	
601-43830	27.12.66	25.2.67	Rosherville Dam, Tvl.	26 13 S 28 06 E	9m.	S	2	V	
Kempson Park Sewerage, Tvl.	26 04 S 18 15 E								
601-85700	30.11.63	21.2.65	Dinwoodie, Germiston, Tvl.	26 15 S 28 10 E	8m.	S	15	X	
581-01995	26.1.63	22.8.63	nr. Morgaushi, Chuvashian, U.S.S.R.	55 55 N 46 24 E	5,900m.	N	7	X	killed by cat
601-33605	26.12.65	20.11.66	Rosherville Dam, Tvl.	26 13 S 28 06 E	20m.	W	11	V	
601-85465	1.12.63	20.11.66	Rosherville Dam, Tvl.	26 13 S 28 06 E	20m.	W	36	V	
601-33568	21.11.65	22.1.67	Rosherville Dam, Tvl.	26 13 S 28 06 E	20m.	W	14	V	
Mornhill Farm, Walkerville, Transvaal	26 24 S 27 57 E								
55-16710	4.12.62	5.6.67	nr. Nizhnegorskii, Crimen Region U.S.S.R.	45 26 N 34 45 E	5,000m.	N	54	=	
551-6778	25.12.62	28.8.65	Galayny, Poland, U.S.S.R.	54 20 N 20 36 E	5,600m.	N	32	X	
Delta Sewage Works, Johannesburg, Tvl.	26 15 S 28 04 E								
581-02021	8.2.59	30.4.61	nr. Shinokoe, Dnepropetrovsk Re- gion, U.S.S.R.	47 41 N 33 15 E	5,350m.	N	27	V	
Hammanskraal, Tvl.	25 28 S 28 17 E								
601-14142	23.4.66	4.66	Pretoria, Transvaal	25 36 S 28 12 E	22m.	S	0	(?)	
Vriessgewaard, Pretoria, Tvl.	25 44 S 28 11 E								
601-14027	16.4.66	27.11.66	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	7	V	
601-14568	2.4.66	27.11.66	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	7	V	
601-14081	16.4.66	11.12.66	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	8	V	
601-18697	19.11.66	20.11.66	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	0	V	
662-21402	25.3.67	26.3.67	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	0	V	
601-98889	11.2.67	1.4.67	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	2	V	
662-19160	11.2.67	12.2.67	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	0	V	
662-19719	4.3.67	5.4.67	Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E	30m.	S	1	V	
662-24345	8.4.67	15.5.67	Tororo, Uganda	00 50 N 34 05 E	1,900m.	N	1	(?)	
A 13861	30.3.68	17.5.68	Gleina, W. Germany	51 15 N 14 34 E	5,600m.	N	2	V	
601-15443	12.3.66	16.9.67	Hamburg, W. Germany	53 34 N 10 00 E	5,770m.	N	6	V	
662-24172	8.4.67	26.5.67	Bredene, West Vlaanderen, Belgium	51 14 N 02 59 E	5,450m.	N	2	V	
662-19222	11.2.67	18.5.67	nr. Fredericia, Kongstead, Denmark	60 53 N 15 06 E	6,000m.	N	3	(?)	
662-21859	1.4.67	29.7.67	Rätvik, Dalarna, Sweden	61 08 N 08 51 E	6,080m.	N	4	X	
601-14879	16.4.66	6.7.67	Lomen, Opland, Norway	53 08 N 00 06 W	5,800m.	N	15	X	
601-15355	12.3.66	19.5.66	Mareham-le-Feu, Lincolnshire, England	54 57 N 07 42 W	6,000m.	N	1	X	
662-18496	11.3.67	9.67	Letterkenny, Donegal, Ireland	53 25 N 02 45 W	5,800m.	N	6	X	
662-21074	25.3.67	11.5.67	St. Helens, Lancashire, England	53 25 N 02 45 W	5,800m.	N	2	X	

Ring No.	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Euring re-covery month code	Other details
A 12193	17.2.68	20.5.68	nr. Krasnogvardiskoe, U.S.S.R.	45 30 N 34 19 E	5,000m.	N	3	X	
Lake McIlwainie, Rhodesia	17 55 S 30 50 E								
601-91688	18.4.64	14.7.64	Perho Salamajärvi, Finland	63 19 N 24 37 E	5,500m.	N	3	X	
Kitwe, Zambia	12 50 S 28 05 E								
601-52910	Ad. 27.10.65	18.8.67	nr. Gavrillov-Pasad, U.S.S.R.	56 35 N 40 21 E	5,030m.	N	22	(?)	
601-26084	27.10.65	20.5.68	nr. Sycherka, Smolensk U.S.S.R.	55 53 N 34 16 E	4,920m.	N	31	X	
601-86557	10.11.65	1.7.66	nr. Berkjansk, Zaporozhsk U.S.S.R.	46 47 N 36 48 E	4,200m.	N	8	V	
601-55017	11.12.65	6.5.67	nr. Konstantinovka, U.S.S.R.	48 33 N 37 41 E	4,420m.	N	17	(?)	
601-54214	15.11.65	27.5.66	nr. Arles, Bouches du France	43 30 N 04 40 E	4,400m.	N	6	V	
601-72996	5.1.64	6.1.64	Kalulushi, Zambia	12 40 S 28 00 E	10m.	N	0	X	
601-54793	11.12.65	ca 12.65	Kitwe, Zambia	12 50 S 28 05 E	0		0	X	
Ndabeni, Kafue River, Zambia	13 24 S 27 49 E								
601-54465	30.11.65	5.66	nr. Pavlograd, Dnepropetrovsk U.S.S.R.	48 31 N 35 57 E	4,450m.	N	6	V	
601-54891	23.11.65	3.6.66	Ceske Budejovica, Czechoslovakia	48 55 N 14 29 E	4,520m.	N	7	X	killed by cat
601-54928	23.11.65	2.9.66	Volchansk, U.S.S.R.	50 16 N 36 58 E	4,540m.	N	10	(?)	
601-24125	25.11.64	15.6.65	nr. Brispol, Kiev Region, U.S.S.R.	50 21 N 30 59 E	5,000m.	N	7	0	
Athlone, Cape	33 57 S 18 30 E								
601-96943	Ad. 31.12.65	9.1.66	Rondevlei, Cape	34 05 S 18 28 E	7m.	S	0	X	
Morningside, Johannesburg, Tvl.	26 15 S 28 04 E								
57-03019	15.12.58	9.1.64	Bryanston, Johannesburg, Tvl.	26 04 S 28 02 E	7m.	N	61	(?)	
Krugerdsorp, Tvl.	26 10 S 27 45 E								
581-02434	13.11.59	5.1.64	Diepsloot Farm, Tvl.	25 55 S 28 05 E	25m.	NE	50	?	
Marandellas, Rhodesia	18 05 S 31 35 E								
622-15290	1.1.64	4.1.67	Marandellas, Rhodesia	18 05 S 31 35 E	0		39	V	
501: Red-breasted Swallow <i>Hirundo semirufa</i>									
502: Larger Striped Swallow <i>Hirundo cucullata</i>									
The average time elapsed between ringing and recovery for this species is 33.6 months and the longest is 80 months (6 yrs 8 months). The species is highly sedentary with the biggest movement recorded being about three miles.									
Somerset West, Cape	34 05 S 18 50 E								
601-70838	Ad. 20.11.63	27.11.68	About 2m. west Somerset West	34 05 S 18 50 E	2m.	W	60	=	

Plumstead, Cape	34 03 S 18 28 E	16.11.66	Southfield, Cape	34 02 S	18 29 E	3m. S	32	V
601-69089	Juv.	29.3.64	Plumstead, Cape	34 03 S	18 28 E	0	16	=
581-27957		4.12.62	Plumstead, Cape	34 03 S	18 28 E	0	27	=
581-27940		19.12.61	S.P.C.A. Grassy Park, C.P.	34 05 S	18 28 E	0	14	X
601-69084		9.10.66	Naruna, Southfield, Cape	34 02 S	18 29 E	3m. S	57	(?)
50-784		1.1.55						
Bergvliet, Cape	34 04 S 18 27 E	20.12.64	Meadowridge, Cape	34 04 S	18 27 E	0	58	X
581-23014		1.3.60	Steurhof, Cape	34 04 S	18 27 E	0	37	(?)
581-27864		7.12.60						
Naboomspruit, Tvl.	25 27 S 30 53 E	14.12.63	Creey Rd., Naboomspruit, Tvl.	25 27 S	30 53 E	0	49	(?)
57-02596		12.12.59	Creey Rd., Naboomspruit, Tvl.	25 27 S	30 53 E	0	12	(?)
601-71106	Ad.	23.12.62	Creey Rd., Naboomspruit, Tvl.	25 27 S	30 53 E	0	80	(?)
†55-23521	Ad.	21.4.57	Creey Rd., Naboomspruit, Tvl.	25 27 S	30 53 E	0	12	(?)
601-71101	Ad.	23.12.62	Creey Rd., Naboomspruit, Tvl.	25 27 S	30 53 E	0	25	(?)
582-08241	Ad.	2.12.61	Creey Rd., Naboomspruit, Tvl.	25 27 S	30 53 E	0		
Melkamer, Bredasdorp, Cape	34 35 S 20 00 E	13.2.68	Melkamer, Bredasdorp, Cape	34 35 S	20 00 E	0	13	X
652-01108	Ad.	9.2.67	Melkamer, Bredasdorp, Cape	34 35 S	20 00 E	0	12	X
652-01105	Ad.	9.2.67						

503: Lesser Striped Swallow *Hirundo abyssinica*

Kwa Mashu, Durban, Natal	29 55 S 31 00 E	22.8.67	Mount Edgcombe, Natal	29 43 S	31 02 E	10m. N	13	X
601-20796		14.8.66						
Creey Rd., Naboomspruit, Tvl.	24 30 S 28 42 E	6.1.64	24m. N Naboomspruit, Tvl.	24 10 S	28 42 E	24m. N	24	X
581-03854	pull.	4.1.62	Creey Rd., Naboomspruit, Tvl.	24 10 S	28 42 E	0	23	(?)
581-03859	Ad.	4.1.62						
Galpins Farm, Naboomspruit, Tvl.	24 10 S 28 42 E	13.12.63	Creey Rd., nr. Naboomspruit, Tvl.	24 10 S	28 42 E	0	48	(?)
57-02584	Ad.	12.12.59						
Umgazi Mouth, Natal	31 40 S 29 27 E	26.11.66	Umgazi Mouth, Natal	31 40 S	29 27 E	0	10	X
601-43131	Ad.	27.1.66						

504: Cliff Swallow *Hirundo spilodera*

The recoveries for Cliff Swallows indicate that this species is especially long-lived (average time elapsed 64 months - oldest bird 99 months or 8 yrs 3 months). A single recovery from the Congo showing a movement of 1,420 miles NNW is also noteworthy. Further analysis particularly of retraps should provide considerable information.

Barberspan, Tvl.	26 33 S 25 36 E	10.4.68	nr. Tshikapa, Congo	06 26 S	20 49 E	1,420m. NNW	1	0
*A 02811		26.3.68	Barberspan, Tvl.	26 33 S	25 36 E	0	98	V
†57-17464		22.1.60	Barberspan, Tvl.	26 33 S	25 36 E	0	99	V
†57-17362		18.12.59	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-85137		13.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-85139		13.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-85163		14.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-85165		14.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-85175		14.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-85183		14.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
601-83703		14.4.63	Barberspan, Tvl.	26 33 S	25 36 E	0	60	V
57-17667		9.2.62	Barberspan, Tvl.	26 33 S	25 36 E	0	74	V
57-17682		9.2.62	Barberspan, Tvl.	26 33 S	25 36 E	0	74	V

Klavervlei, Faure, Cape	34 01 S 18 44 E							5	+
622-12253	17.1.64								
Melkamer, Bredasdorp, Cape	34 35 S 20 00 E							2	X
593-03468	28.12.67								
545: Black-eyed Bulbul <i>Pycnonotus barbatus</i>									
10m. W. Tzaneen, Tvl.	23 45 S 30 11 E					7m. S		16	+
622-00191	Ad. 12.8.64								
Petherhouse, Marandellas, Rhodesia	18 05 S 31 35 E							6	(?)
622-07566	4.12.66							5	(?)
622-07567	Ad. 9.12.66							0	(?)
622-07573	17.12.66							0	(?)
622-07575	17.12.66							0	+
622-07572	17.12.66							5	(?)
Bulawayo, Rhodesia	20 07 S 28 38 E								
622-09418	Ad. 26.12.64							5	X
551: Sombre Bulbul <i>Andropadus importunus</i>									
Karkloof, Natal	29 30 S 30 30 E							2	X
622-04706	11.10.65								
553: Cape Thrush <i>Turdus olivaceus</i>									
Sandringham, Johannesburg, Tvl.	26 15 S 28 04 E							18	(?)
643-03834	9.5.65							1	X
593-05993	10.1.65								
	?							?	X
502-06535	25.5.58							88	X
Bryanston, Johannesburg, Tvl.	26 15 S 28 04 E							6	X
502-07649	7.1.67							29	X
502-07378	22.7.62							15	(?)
593-07847	Ad. 1.1.65							3	+
Potchefstroom, Tvl.	26 40 S 27 30 E							6	X
593-09128	Ad. 2.6.64								
*593-09127	1.6.64								
Union Buildings, Pretoria	25 36 S 28 12 E								
502-06826	9.10.63							14	X
Piketberg, Cape	32 53 S 18 50 E							1	(?)
502-06398	Ad. 7.4.66							0	
Rondevlei, Cape	34 05 S 18 28 E							0	0
593-03099	Ad. 10.9.65								
Newlands, Cape	33 58 S 18 26 E							2	X
593-07402	18.3.64								
564: Mountain Chat <i>Oenanthe monticola</i>									
Gammams 3, Windhoek	22 37 S 17 08 E							0	(?)
662-27109	23.8.67								

Ring No.	Location	Co-ordinates	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	Euring re-covery code	Other details
570: Familiar Chat <i>Cercomela familiaris</i>											
Falcon College, Essexvale, Rhodesia		20 19 S	28 57 E			20 19 S	28 57 E	0	74	V	
†581-18923		1.10.61	29.11.67	Falcon College, Essexvale, Rhodesia		20 19 S	28 57 E	0			
Reinerskraal, Bredasdorp, Cape		34 35 S	20 00 E			34 35 S	20 00 E	0	4	(?)	
601-70820		22.6.63	21.10.63	Reinerskraal, Bredasdorp, Cape		34 35 S	20 00 E	0			
581: Cape Robin <i>Cossypha caffra</i>											
Sandringham, Johannesburg, Tvl.		26 15 S	28 04 E			26 15 S	28 04 E	0	21	(?)	
582-11392		2.12.61	5.9.63	Sandringham, Johannesburg, Tvl.		26 15 S	28 04 E	0			
Tamboers Kloof, Cape		33 59 S	18 30 E			33 59 S	18 30 E	2m. W	37	X	
502-09408		14.11.64	18.11.67	Gardens, Cape Town		33 59 S	18 30 E	2m. W			
Newlands, Cape		33 58 S	18 26 E			33 58 S	18 26 E	0	47	X	
502-08242		Ad. 22.9.60	26.8.64	Newlands, Cape		33 58 S	18 26 E	0			
Rondevlei, Cape		34 05 S	18 28 E			34 05 S	18 28 E	0	1	(?)	
642-02444		Ad. 14.9.65	25.10.65	Rondevlei, Cape		34 05 S	18 28 E	0	19	0	
622-14193		Ad. 11.2.64	26.8.65	Rondevlei, Cape		34 05 S	18 28 E	0	2	X	
601-98291		Juv. 11.10.67	18.12.67	Rondevlei, Cape		34 05 S	18 28 E	0	29	(?)	
582-08901		20.3.61	20.8.63	Rondevlei, Cape		34 05 S	18 28 E	0	40	X	
622-18340		3.1.65	25.4.68	Rondevlei, Cape		34 05 S	18 28 E	0			
Klavervlei, Faure, Cape		34 01 S	18 44 E			34 01 S	18 44 E	0	7	X	caught by cat
601-68839		Ad. 5.2.63	20.8.63	Klavervlei, Faure, Cape		34 01 S	18 44 E	0			
604: Cape Reed Warbler <i>Acrocephalus gracilirostris</i>											
Rondevlei, Cape		34 05 S	18 28 E			34 05 S	18 28 E	0	0	0	
A 19021		Ad. 15.2.68	17.2.68	Rondevlei, Cape		34 05 S	18 28 E	0			
606: African Marsh Warbler <i>Acrocephalus baeticatus</i>											
Klaarteiche, Swakopmund, S.W.A.		32 35 S	14 35 E			32 35 S	14 20 E	60m. S	36	(?)	
*601-97291		23.12.64	13.12.67	Sandwich harbour, S.W.A.		23 20 S	14 20 E	60m. S			
608: European Sedge Warbler <i>Acrocephalus schoenobaenus</i>											
Chilenga, Kafue river, Zambia		13 50 S	28 15 E			13 40 S	28 00 E	12m. NNW	2	(?)	
601-24270		3.12.64	12.1.65	Ngabwe, Zambia		13 40 S	28 00 E	12m. NNW			
609: African Sedge Warbler <i>Bradypterus babaeculus</i>											
Rondevlei, Cape		34 05 S	18 28 E			34 05 S	18 28 E	0	29	V	
601-72084		Ad. 9.9.65	26.1.68	Rondevlei, Cape		34 05 S	18 28 E	0			

686: Cape Wagtail *Motacilla capensis*

Melrose Bird Sanctuary, Johannesburg, Tvl.	26 05 S 28 02 E	26 10 S	28 04 E	2m. S	34	X
601-94627	8.5.65	26 04 S	28 01 E	4m. NW	2	X
601-99291	Ad. 1.5.66	26 33 S	25 36 E	0	0	X
Barberspan, Tvl.	26 33 S 25 36 E	34 04 S	18 27 E	3m. W	27	X
A. 03261	29.4.68	34 05 S	18 28 E	0	33	(?)
Rondevlei, Cape	34 05 S 18 28 E	34 05 S	18 28 E	0	12	(?)
601-70286	24.4.64	34 05 S	18 28 E	0	1	(?)
591-12019	19.1.62	34 05 S	18 28 E	0	1	(?)
601-70190	Ad. 13.2.64	34 05 S	18 28 E	0	1	(?)
601-70348	26.11.64	34 05 S	18 28 E	0	1	(?)
601-70105	3.12.63	34 05 S	18 28 E	0	1	(?)

707: Fiscal Shrike *Lanius collaris*

Rondevlei, Cape	34 05 S 18 28 E	34 05 S	18 28 E	0	12	X	predator
593-02773	30.10.62	25 36 S	28 12 E	70m. SW	1	V	
Dennilton, Tvl.	25 20 S 29 10 E						
*643-03754	23.8.65						

733: European Starling *Sturnus vulgaris*

It is interesting that, despite the fact that the Starling is highly nomadic in its European range, it is very sedentary in South West Cape, the longest movement being 18m. and most much less. It seems that even its roosting range is small and as yet Starling roosts on the huge scale found in Europe have not built up in South Africa.

Rondevlei, Cape	34 05 S 18 28 E	33 59 S	18 30 E	12m. N	27	V	
593-02214	10.3.62	34 07 S	18 25 E	3m. W	34	X	
502-09394	21.1.62	34 03 S	18 28 E	3m. NW	9	X	
502-09371	19.1.64	34 00 S	18 28 E	6m. NNW	33	X	
502-09763	22.1.62	34 05 S	18 28 E	3m. N	19	X	
593-02353	17.3.62	34 05 S	18 28 E	3m. N	46	X	
502-09218	20.2.60	34 05 S	18 28 E	3m. N	45	+	shot
593-02491	18.3.62	33 50 S	18 40 E	18m. NNE	8	+	shot
*593-03024	26.2.65	34 05 S	18 28 E	0	15	X	
593-03021	26.2.65	34 04 S	18 27 E	3m. N	21	(?)	
593-01424	13.2.62	33 57 S	18 30 E	5m. N	19	+	shot
593-02701	29.3.62	34 05 S	18 28 E	0	19	X	killed by cat
593-02909	Ad. 6.1.65	34 00 S	18 30 E	4m. N	21	+	shot
593-02915	9.1.65	34 02 S	18 28 E	3m. NW	35	+	shot
502-09376	5.1.64	34 02 S	18 28 E	3m. NW	56	(?)	
593-02539	20.3.59	34 02 S	18 28 E	3m. NW	2	(?)	
593-03014	24.2.65	34 05 S	18 28 E	2m. W	45	X	
593-02341	17.3.62	34 05 S	18 28 E	2m. W	9	(?)	
593-02923	17.1.65	34 05 S	18 28 E	2m. W	8	(?)	
593-02995	8.2.65	34 05 S	18 28 E	2m. W	8	(?)	

734: Indian Mynah *Acridotheres tristis*

Melrose Bird Sanctuary, Johannesburg, Tvl.	26 05 S 28 02 E	26 05 S	28 03 E	1m. E	39	X
634-00411	17.5.64	Waverley, Johannesburg, Tvl.				
	16.8.66					

Ring No.	Ring Location	Co-ordinates	Age	Ringing Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time claps- ed to near- est month	Euring re- covery code	Other details
634-09813	Kei Road, King Williams Town, Cape	32 43 S 27 32 E		25.6.66	6.6.57	Stockton, Kei Road, Cape	32 43 S 27 32 E	0	0	11	X	
593-09801	Beit Bridge Dist.	22 14 S 29 59 E		15.7.65	10.8.67	Mazunga, Rhodesia	21 44 S 29 53 E	32m.	NW	25	V	
634-05153	Penhalonga, Rhodesia	18 53 S 32 49 E		22.8.65	1.67	Odzani Dam, 25m. N. Umtali, Rhodesia	18 36 S 32 33 E	20m.	N	17	+	shot
634-05158	Rhodes, Grahamstown, Cape	33 20 S 26 38 E		22.8.65	30.5.66	Imbezi Valley, Umtali, Rhodesia	18 59 S 32 41 E	8m.	S	9	X	
593-07307	Rhodes, Grahamstown, Cape	33 20 S 26 38 E		23.3.63	19.9.63	Rhodes, Grahamstown, Cape	33 20 S 26 38 E	0	0	6	X	
593-6755	Humansdorp, Cape	34 00 S 24 52 E		27.9.63	5.3.65	Redhouse, Cape	33 47 S 26 38 E	48m.	ENE	17	X	
593-08511	Pwira Pan, Zambia	13 54 S 27 50 E		1.7.64	11.65	Lukanga River, Zambia	14 07 S 27 36 E	44m.	S	16	+	shot
662-07053	Stones Hill Grahamstown, Cape	33 20 S 26 38 E		6.12.67	early 4.68	10m. S. Grahamstown, C.P.	33 20 S 26 32 E	10m.	S	4	(?)	
601-25773	Penhalonga, Rhodesia	18 53 S 32 49 E		15.8.65	2.2.66	East Lynn, 10m. N. Umtali, Rhodesia	18 50 S 32 39 E	4m.	N	6	+	shot
581-27189	Tongani, Bryanston, Johannesburg	26 04 S 28 02 E		4.11.63	4.66	Randburg, Johannesburg, Tvl.	26 04 S 28 01 E	1m.	S	28	X	
662-28028	Northdene, Natal	29 55 S 30 56 E		24.7.67	5.3.68	Northdene, Natal	29 55 S 30 56 E	0	0	7	X	

737: Cape Glossy Starling *Lamprotornis nitens*737: Cape Glossy Starling *Lamprotornis nitens*739: Lesser Blue-eared Glossy Starling *Lamprotornis chalybeus*745: Red-winged Starling *Onychognathus morio*746: Pied Starling *Spreo bicolor*748: Red-billed Oxpecker *Buphagus erythrorhynchus*760: Lesser Double-collared sunbird *Nectarinia chalybeus*766: Olive Sunbird *Nectarinia olivacea*772: Black Sunbird *Nectarinia amethystina*775: Cape White-eye *Zosterops virens*

Plumstead, Cape 34 03 S 18 28 E	34 03 S 18 28 E 0	3	X
601-68984 10.8.65 16.11.65 Plumstead, Cape			
Rondevlei, Cape 34 05 S 18 28 E	34 05 S 18 28 E 0	14	X
601-69809 31.1.63 31.3.64 Rondevlei, Cape		19	(?)
591-12054 22.1.62 20.8.63 Rondevlei, Cape	34 05 S 18 28 E 0	11	X
601-70134 23.1.64 20.12.64 Rondevlei, Cape	34 05 S 18 28 E 0	1	X
601-70347 6.11.64 29.11.64 Rondevlei, Cape			predator

777: Yellow White-eye *Zosterops senegalensis*

Peterhouse School, Marandellas, Rhodesia 18 05 S 31 35 E	18 05 S 31 35 E 2m. E	3	X
601-91789 11.12.66 11.3.67 Uplands Estate, Marandellas, Rhodesia			

780: White-browed Sparrow Weaver *Plocepasser mahali*

Barberspan, Tvl. 26 33 S 25 36 E	26 33 S 25 36 E 0	123	V
†502-05781 19.3.58 13.6.68 Barberspan, Tvl.			
S.A. Lombard Nature Reserve, Tvl. 27 40 S 25 42 E	27 40 S 25 42 E 0	16	(?)
643-03633 12.6.65 10.10.66 S.A. Lombard Nature Reserve, Tvl.		20	+
643-03625 12.3.65 6.11.66 im. from S.A. Lombard Nature Reserve	27 40 S 25 42 E 0		

784: House Sparrow *Passer domesticus*

Gwelo, Rhodesia 19 28 S 29 40 E	19 28 S 29 40 E 0	12	(?)
501-103473 Ad.♂ 7.7.63 29.6.64 Gwelo, Rhodesia			
Essexvale, Rhodesia 20 19 S 28 57 E	19 28 S 29 40 E 82m. NE	6	X
*622-13547 Juv. 7.7.63 19.1.64 Gwelo Location, Rhodesia		22	X
*622-13544 Pull. 14.9.63 27.7.65 Belingwe, Rhodesia	28 30 S 29 53 E 63m. E		
Stellenbosch, Cape 34 00 S 18 55 E	34 00 S 18 55 E 0	5	(?)
643-06348 Pull. 28.11.67 23.4.68 Stellenbosch, Cape			
Durban North, Natal 29 52 S 31 01 E	29 52 S 31 01 E 0	5	X
622-04741 Ad. 20.11.65 16.4.66 Durban North, Natal		20	X
582-16770 2.12.61 10.8.63 Maxwell Ave., Durban, Natal	29 52 S 31 01 E 0	57	X
582-09062 22.1.61 8.11.65 Durban North, Natal	29 52 S 31 01 E 0	24	X
622-01727 SubAd. 22.9.63 9.9.65 Durban North, Natal	29 52 S 31 01 E 0	18	X
582-17055 14.1.62 22.7.63 Durban North, Natal	29 52 S 31 01 E 0	21	X
582-16957 SubAd. 21.12.61 23.9.63 Durban North, Natal	29 52 S 31 01 S 0	1	X
622-04205 8.10.64 9.11.64 Durban North, Natal	29 52 S 31 01 S 0	54	X
54-103254 1.1.61 20.6.65 Durban North, Natal	29 52 S 31 01 S 0	28	+
622-04946 24.1.66 5.68 Durban North, Natal	29 52 S 31 01 S 0		killed by cat
622-01829 19.10.63 20.12.63 Bluff, Durban	29 55 S 31 00 E 3m. S	2	X

786: Cape Sparrow *Passer melanurus*

Bryanston, Johannesburg, Tvl. 26 15 S 28 04 E	22 17 S 19 05 E 600m. NW	57	(?)
*†57-0300 5.12.58 9.63 Gobabis, S.W.A.			
Claremont, Cape 34 00 S 18 28 E	34 00 S 18 28 E 0	1	X
582-12077 ♀ 27.4.64 24.5.64 Claremont, Cape			

Ringling Location	Co-ordinates	Ringling Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	Euring re-covery code	Other details
Rondevlei, Cape	34 05 S 18 28 E									
601-98391		10.1.68	11.1.68	Rondevlei, Cape	34 05 S 18 28 E	0	0	0	X	
582-19221		15.2.62	21.7.64	Rondevlei, Cape	34 05 S 18 28 E	0	0	29	X	predator
582-12715		19.3.65	10.8.65	Ottery, Cape	34 05 S 18 28 E	4m. N		5	(?)	
Pinelands, Cape	33 55 S 18 28 E									
582-12715		24.3.60	22.7.66	Forest Drive, Pinelands, Cape	33 55 S 18 28 E	0	0	64	X	
Plumstead, Cape	34 03 S 18 28 E									
622-01585 Ad.♀		10.1.65	6.9.65	Plumstead, Cape	34 03 S 18 28 E	0	0	8	X	killed by cat
Stellenbosch, Cape	34 00 S 18 55 E									
643-06318		12.9.67	24.9.67	Van der Stiel St., Stellenbosch, Cape	34 00 S 18 55 E	0	0	0	X	
Mastersdrif, Stellenbosch, Cape	34 00 S 18 55 E									
643-06327		19.9.67	2.10.67	Mastersdrif, Stellenbosch, Cape	34 00 S 18 55 E	0	0	0	X	killed by cat
643-06333		26.9.67	5.12.67	Van der Stiel St., Stellenbosch	34 00 S 18 55 E	0	0	0	X	
Reinerskraal, Bredasdorp, Cape	34 30 S 20 28 E									
601-70816 ♂		22.6.63	21.10.63	Reinerskraal, Bredasdorp, Cape	34 30 S 20 28 E	0	0	4	(?)	
601-70821 ♀		22.6.63	21.10.63	Reinerskraal, Bredasdorp, Cape	34 30 S 20 28 E	0	0	4	(?)	
601-70817 ♂		22.6.63	21.10.63	Reinerskraal, Bredasdorp, Cape	34 30 S 20 28 E	0	0	4	(?)	
S.A. Lombard Nature Reserve, Cape	27 40 S 25 42 E									
642-04474		21.3.65	22.3.65	S.A. Lombard Nature Reserve, Tvl.	27 40 S 25 42 E	0	0	0	X	
642-04475		21.3.65	22.3.65	S.A. Lombard Nature Reserve, Tvl.	27 40 S 25 42 E	0	0	0	X	
642-04479		21.3.65	22.3.65	S.A. Lombard Nature Reserve	27 40 S 25 42 E	0	0	0	X	
502-01194		21.4.65	21.3.66	S.A. Lombard Nature Reserve	27 40 S 25 42 E	0	0	11	X	from Barn Owl pellet
Plumstead, Cape	34 03 S 18 28 E									
582-06547		28.8.65	4.9.65	Plumstead, Cape	34 03 S 18 28 E	0	0	0	X	killed by cat
S.A. Lombard Nature Reserve, Cape	27 40 S 25 42 E									
642-04489		24.3.65	5 or 6.65	Bloemhof, Transvaal	27 40 S 25 45 E	2m. S		2	+	shot
502-01195		21.4.65	20.7.65	Bloemhof, Transvaal	27 40 S 25 45 E	2m. S		3	+	shot
Bryanston, Tvl.	26 04 S 28 02 E									
642-00005		16.10.66	13.9.67	Rivonia, Johannesburg	26 04 S 28 02 E	2m. N		11	X	
622-14754		24.9.67	16.6.68	Bryanston, Tvl.	26 04 S 28 02 E	0	0	9	X	killed by cat
622-16998		16.5.65	10.10.66	Johannesburg, Tvl.	26 15 S 28 04 E	0	0	17	X	
Homestead Av., Bryanston, Tvl.	26 04 S 28 02 E									
†582-13384 Ad.♂		6.7.62	31.3.68	Homestead Av., Bryanston, Tvl.	26 04 S 28 02 E	0	0	69	X	killed by cat
Union Buildings, Pretoria, Tvl.	25 36 S 28 12 E									
581-26491		10.5.62	13.7.63	Union Buildings, Pretoria, Tvl.	25 36 S 28 12 E	0	0	14	X	
Vaalbosch, Tvl.	25 08 S 28 22 E									
662-14734		3.11.67	20.12.67	Vaalbosch, Tvl.	25 08 S 28 22 E	0	0	1	0	
S.A. Lombard Nature Reserve	27 40 S 25 42 E									
601-86938		18.5.65	16.2.66	S.A. Lombard Nature Reserve, Tvl.	27 40 S 25 42 E	0	0	33	0	

798: Scaly-feathered Finch *Sporopipes squamifrons*

601-86856	22.3.65	19.5.65	S.A. Lombard Nature Reserve, Tvl.	27 40 S	25 42 E	0	2	0	
601-86827	24.2.65	27.4.65	S.A. Lombard Nature Reserve, Tvl.	27 40 S	25 42 E	0	2	X	
601-86893	25.4.65	28.4.65	S.A. Lombard Nature Reserve, Tvl.	27 40 S	25 42 E	0	0	X	
601-86830	24.2.65	9.3.65	S.A. Lombard Nature Reserve, Tvl.	27 40 S	25 42 E	0	1	(?)	
797: Spotted-backed Weaver <i>Ploceus cucullatus</i>									
Rangerton, Kei Road, King Williams Town	32 43 S	27 32 E		32 35 S	27 55 E	21m. NE	24	X	
643-01442	16.11.65	16.11.67	Langsyne, Komgha, Cape						
799: Cape Weaver <i>Ploceus capensis</i>									
Walkerville, Tvl.	26 24 S	27 57 E	Walkerville, Tvl.	26 24 S	27 57 E	0	10	X	
582-17700 Ad.♀	5.12.62	22.9.63							
Klawervei, Faure, Cape,	34 01 S	18 44 E							
593-00963	28.9.63	11.2.65	P.O. Lynedoch, Cape	33 59 S	18 47 E	5m. NW	16	+	
Alldermans Vlei, Firgrove, Cape	34 03 S	18 47 E							
622-18202	15.1.65	2.4.66	Epping, Cape	33 56 S	18 32 E	15m. NW	15	X	
Meirose Dam, Johannesburg, Tvl.	26 08 S	18 02 E							
622-18827	21.2.65	8.8.67	Parkhurst, Johannesburg	26 07 S	28 01 E	2m. WSW	29	X	
622-06645	2.5.64	6.6.64	Bedfordview, Johannesburg	26 15 S	28 04 E	5m. SE	1	X	
Rondevlei, Cape	34 05 S	18 28 E							
622-14069	18.11.63	9.12.63	6m. from Stellenbosch, Cape	34 00 S	18 55 E	23m. NE	1	+	
Troughend, Stellenbosch, Cape	34 00 S	18 55 E							
582-19666	5.3.66	5.9.67	Railway Station, Stellenbosch, Cape	34 00 S	18 55 E	0	18	V	
Walmer, Port Elizabeth, Cape	33 58 S	25 42 E							
582-09678 Ad. F	26.9.62	11.10.65	Settlers Park, Port Elizabeth	33 58 S	25 42 E	3m. N	37	+	
801: Larger Golden Weaver <i>Ploceus xanthops</i>									
Peterhouse, Marandellas, Rhodesia	18 05 S	31 35 E							
622-07541	6.2.65	17.3.67	Peterhouse, Marandellas, Rhodesia	18 05 S	31 35 E	0	25	X	
803: Masked Weaver <i>Ploceus velatus</i>									
Allemanskraal Dam, O.F.S.	28 19 S	27 10 E							
582-10515	28.11.63	19.9.64	Aldam, O.F.S.	28 19 S	27 10 E	0	10	X	
Potchefstroom, Tvl.	26 42 S	27 06 E							
622-08439	18.1.66	21.10.66	Potchefstroom, Tvl.	26 42 S	27 06 E	0	9	X	
nr. Dennilton, Tvl.	25 20 S	29 10 E							
582-10179	22.8.65	9.5.67	Grobiersdal, Tvl.	25 12 S	29 25 E	17m. NE	20	X	
S.A. Lombard Nature Reserve	27 40 S	25 42 E							
502-01198	22.4.65	4.4.67	S.A. Lombard Nature Reserve, Tvl.	27 40 S	25 42 E	0	23	X	
Mondeor, Johannesburg	Tvl.	26 16 S	28 04 E						
582-07542 Ad.♂	27.7.63	2.10.63	Mondeor, Johannesburg	26 16 S	28 04 E	0	2	X	
Roosevelt Park, Johannesburg, (co-ordinates unknown)									
601-76979 Ad.♀	12.3.64	17.2.65	Roosevelt Park			0	11	(?)	
622-05902 Ad.♀	29.2.64	29.12.65	Westdene, Johannesburg, Tvl.	26 12 S	28 18 E	?	22	(?)	

in fresh owl pellet

killed by cat

electrocuted on wire

Ringling Location	Co-ordinates	Age	Kinging Date	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elaps- ed to near- est month	Euring re-covery code	Other details
Rosherville Dam, Johannesburg, Tvl.	26 13 S 28 06 E		26.13								
652-02682			1.4.67	10.8.67	Roseacre, Johannesburg	26 15 S 28 04 E	28 04 E	2m. S	4	X	
622-05161			12.3.67	5.12.67	Wemmer Pan, Johannesburg	26 15 S 28 04 E	28 04 E	2m. S	9	X	
Melrose Bird Sanctuary, Johannesburg	26 05 S 28 02 E		26.05								
622-08963			12.9.64	9.2.65	Eastleigh Ridge, Edenvale, Tvl.	26 15 S 28 04 E	28 04 E	6m. E	5	+	
622-08929			30.8.64	14.10.65	Florida, Johannesburg	26 15 S 28 04 E	28 04 E	10m. SW	13	X	
622-08821			22.8.64	20.2.66	Bryanston, Tvl.	26 04 S 28 02 E	28 02 E	5m. NNE	18	X	killed by cat
622-7717			22.8.64	26.9.65	Gresswold, Johannesburg	26 15 S 28 04 E	28 04 E	4m. W	13	X	
642-01859	Ad.♀		12.8.65	7.10.65	Linden, Johannesburg	26 15 S 28 04 E	28 04 E	0	2	+	shot
642-01233	Imm.		15.5.65	19.2.66	Parktown N., Johannesburg	26 15 S 28 04 E	28 04 E	0	9	+	
622-18854	Ad.♂		22.2.65	28.9.65	Orchards, Johannesburg	26 15 S 28 04 E	28 04 E	0	7	+	shot
601-92732	Ad.♂		9.1.65	6.9.65	Orchards, Johannesburg	26 15 S 28 04 E	28 04 E	0	8	+	shot
642-01531	Ad.♀		26.6.65	8.9.65	Orchards, Johannesburg	26 15 S 28 04 E	28 04 E	0	2	X	
622-16279			13.2.65	11.9.65	Orchards, Johannesburg	26 15 S 28 04 E	28 04 E	0	7	X	
622-08716			8.8.64	6.9.65	Orchards, Johannesburg	26 15 S 28 04 E	28 04 E	0	13	+	shot
622-08393			27.6.64	14.7.66	Johannesburg, Tvl.	26 15 S 28 04 E	28 04 E	0	13	+	
622-08947			22.8.64	24.8.67	Kandberg, Johannesburg	26 04 S 28 01 E	28 01 E	5m. S	23	X	
652-09115			13.8.66	18.11.67	Bramley, Johannesburg	26 15 S 28 04 E	28 04 E	4m. NW	36	X	
622-06428			24.5.64	7.8.64	Highlands North, Johannesburg	26 15 S 28 04 E	28 04 E	2m. W	16	+	
622-18896			27.2.65	26.3.65	Hyde Park, Johannesburg	26 15 S 28 04 E	28 04 E	0	2	+	
652-08983			16.7.66	20.10.66	Houghton, Johannesburg	26 15 S 28 04 E	28 04 E	0	1	X	
622-08344			14.6.64	5.10.65	Auckland Park, Johannesburg	26 15 S 28 04 E	28 04 E	5m. S	3	(?)	
						26 15 S 28 04 E	28 04 E	5m. S	16	X	
<p>805: Red-Billed Quelea <i>Quelea quelea</i></p> <p>Although the numbers of this species now being ringed have dropped off considerably, the evidence of its highly nomadic nature continues to come in, with three recoveries showing considerable movement. It is interesting to note that one bird was at least five and a half years old on recovery.</p>											
Barberspan, Tvl.	26 33 S 26 35 E		26.33								
601-50377			7.4.66	28.10.67	Kofffontein, O.F.S.	29 25 S 25 00 E	25 00 E	195m. S	18	(?)	
Bryanston, Tvl.	26 04 S 28 05 E		26.04								
55-18630			10.12.56	15.7.63	Clocolan, O.F.S.	28 55 S 27 35 E	27 35 E	196m. S	67	(?)	
Marandellas, Rhodesia	18 05 S 31 35 E		18.05								
*582-10811			29.6.63	17.11.64	Grasvallei, Tvl.	24 40 S 29 18 E	29 18 E	495m. S	17	(?)	
<p>808: Red Bishop Bird <i>Euplectes orix</i></p>											
Bryanston, Tvl.	26 04 S 28 05 E		26.04								
581-27220			10.2.63	29.8.63	Bryanston, Tvl.	26 04 S 28 05 E	28 05 E	0	6	X	
Escorn Dam, Kimberley, Cape	28 42 S 24 49 E		28.42								
662-01560			24.1.67	26.1.68	Alexandersfontein, Kimberley, Cape	28 42 S 24 49 E	24 49 E	0	12	V	
662-01588			24.1.67	21.10.67	Jacobsdal, Cape	29 10 S 25 05 E	25 05 E	28m. S	9	+	
601-69501			18.1.67	?	1m. N of Kimberley, C.P.	28 42 S 24 49 E	24 49 E	1m. N	?	X	killed by car

Ringling Location	Co-ordinates	Recovery Date	Recovery Location	Co-ordinates	Distance	Direction	Time elapsed to nearest month	Earing re-covery code	Other details
843: Common Waxbill <i>Estrilda astrild</i>									
Klaverlei, Faure, Cape 601-68807	34 01 S 18 44 E 6.6.62	8.10.63	Eerste River, Cape	34 00 S 18 44 E	2m.	S	16	X	
846 Pin-tailed Whydah <i>Vidua macroura</i>									
252 Hunt Rd., Bryanston, Tvl. 581-27205 Ad.♀	26 04 S 28 02 E 24.2.63	29.12.63	Tongani, Bryanston, Tvl.	26 04 S 28 02 E	0	0	10	(?)	
847: Shaft-tailed Whydah <i>Vidua regia</i>									
Windhoek, S.W.A. 601-97043 Ad.♀	22 37 S 18 07 E 29.1.65	21.4.65	Windhoek, S.W.A.	22 37 S 17 08 E	0	0	3	V	
859: Yellow-Eye Canary <i>Serinus mozambicus</i>									
Umdloti Beach, Natal 601-82119	29 40 S 31 11 E 5.12.62	22.1.68	Umdloti Beach, Natal	29 40 S 31 11 E	0	0	62	+	
860: Black-throated Canary <i>Serinus atrogularis</i>									
S.A. Lombard Nature Reserve, Tvl. 601-86901	27 40 S 25 42 E 23.4.65	30.4.65	S.A. Lombard Nature Reserve	27 40 S 25 42 E	0	0	0	(?)	
601-86872	24.4.65	28.4.65	S.A. Lombard Nature Reserve	27 40 S 25 42 E	0	0	0	0	
601-86905	26.4.65	30.4.65	S.A. Lombard Nature Reserve	27 40 S 25 42 E	0	0	0	0	
Windhoek, S.W.A. 601-86428 Ad.	22 37 S 17 08 E 3.10.65	22.5.66	Windhoek, S.W.A.	22 37 S 17 08 E	0	0	8	(?)	
863: Bully Seedeater <i>Serinus sulphuratus</i>									
Rondevlei, Cape 642-02465	34 05 S 18 28 E 26.10.65	18.11.67	Retreat, Cape	34 05 S 18 28 E	1m.	W	25	+	

SUMMARY

The ringing totals by species for the five years 1 July 1963 to 30 June 1968, together with figures for the grand totals of species ever ringed by the South African Ornithological Society Ringing Scheme, are reported in the first section. The details of 1,790 recoveries and retraps reported in the same five year period are given in the second section and brief comments are made on points of interest in some species.

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