

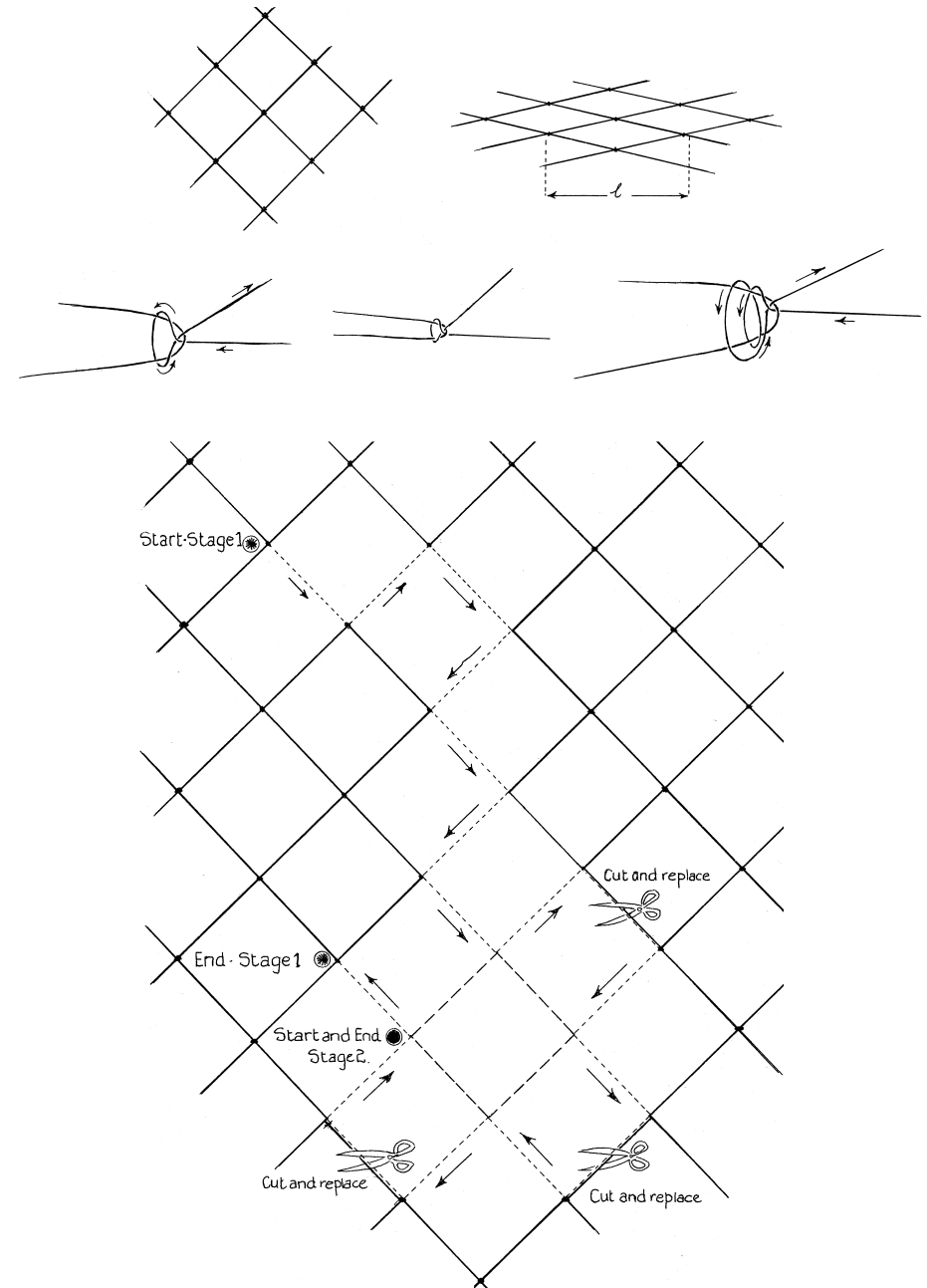
Appendices

APPENDIX 1: MISTNETS

Length	Height	Shelves	Mesh Size	Habitat	Species
12 m RETE	2.4 m	4	16 mm	General	All small/Medium
9 m RETE	2.4 m	4	16 mm	Confined/Open	All small/Medium
6 m RETE	2.4 m	4	16 mm	Confined	All small/Medium
10 m	2.5 m	5	16 mm	Confined	All small/Medium
12 m NR*	2.4 m	4	16 mm	General/Water	All small/Medium
9 m SPYD*	2.1 m	3	16 mm	Confined/Open	All small/Medium
9 m YAM*	1.0 m	1	19 mm	Confined	Wader/Normal
9 m YAM*	2.1 m	4	19 mm	General/Water	Wader/Normal
3 m YAM*	3.0 m	3	16 mm	Confined	All small/Medium
12 m YAM*	2.1 m	2	75 mm	Water	Ducks/Geese

Those marked with an asterisk (*) are no longer readily available, but some can be obtained at an increased cost.

APPENDIX 2: NET REPAIR METHOD



APPENDIX 3: SAFRING SCHEDULE 1 FORM

APPENDIX 4: SAFRING SCHEDULE 2 FORM

SAFRING SCHEDULE 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
FIRST RING NUMBER			PREFIX			RINGER			RINGER'S NUMBER			TOTAL USED			MONTH YEAR		MONTH YEAR	
AD			56701			SMH			162			18			0197		0397	
Raijmakers						Raijmakers									DATE FIRST RING USED		DATE LAST RING USED	

SCHEDULE SUMMARY																	
22			25			27			22			25			27		
SPECIES	PULL	FULL-GROWN	SPECIES	PULL	FULL-GROWN	SPECIES	PULL	FULL-GROWN	SPECIES	PULL	FULL-GROWN	SPECIES	PULL	FULL-GROWN	SPECIES	PULL	FULL-GROWN
606	3		805		4												
775		3	658		1												
650	1		502		1												
839	1																
621	1																
627	1																
607	1																
622	1																

RING	SPECIES	AGE	SEX	MASS	DATE			MARKING	CONDITION	CO-ORDINATES		LOCALITY	PROV
					DAY	MONTH	YEAR			SOUTH	EAST		
01	606	1	0		11	01	97			26 38	27 50	Iscar Bird Sanctuary Vanderbijlpark	G
2		1	0		15	01	97						
4	775	4	0	93	19	01	97			26 43	27 52	A. Potgieter Vanderbijlpark	
5		4	0	11									
6	650	4	0	98	16	02	97			26 47	27 45	Boschenvaal Sasolburg	O
7	775	4	0	93									
8	839	4	2	11									
9	621	4	0	116									
10	627	4	0	128	05	03	97			32 50	28 07	Buccaneers Retreat Cintsa East	K
1	607	4	0	131	06	03	97						
2	622	4	0	10	07	03	97						
3												Ring Lost	
4	805	4	2	195	11	03	97			32 17	24 18	Honinakrantz Graaff Reinet	
5		5	0	182									
6		5	3	168									
7		5	3	182									
8	658	4	0	125									
9	502	4	0	25									

Please complete SCHEDULE SUMMARY, this is needed for compilation of annual totals.
Enter totals for Pulli and Full-grown birds separately
SEE OVERLEAF FOR CODES

RETRAPS

2

SAFRING SCHEDULE

RING NUMBER	SPECIES	AGE	SEX	MASS	DATE	LOCALITY	PROV	RETRAP DATE		RETRAP LOCALITY	RETRAP PROV	RETRAP COMMENTS
								DATE	LOCALITY			
F 18164	808	4	1	102	12 94	26 38	27 50	15 01	19 04	26 38	27 50	Well, measured and released
F 19863		4	2	28	12 91	26 37	27 52	07 01	14 52	26 37	27 52	
F 27437		4	1	26	12 92	26 63	27 52	29 01	19 04	26 43	27 52	
F 27485		4	1	21	02 93			19 11	19 04			
F 27565		4	1	24	05 93	26 37	27 52	21 02	11 94	26 37	27 52	
AD 28574		4	1	24	05 93			09 11	11 94			
AD 28707		4	1	27	11 93			01 04	04 95			
AD 28571		4	2	24	05 93			25 02	02 95			
AB 48840		4	2	01	05 90			26 02	02 94			
AB 71896		6	2	4 1								
ABC 07669		8	03	4 2								
The following 2 birds were not ringed by myself.												
						22 04	15 01	29 14				
						20 06	05 26	43 27				

RING SERIES X42501 - X42550

RING SIZE 1.8 mm H1.

RING NO	ROBERTS NO	SPECIES	AGE	SEX	WING	TAIL	TARSUS	CULMEN	LENGTH	MASS	DATE	TIME	MOULT	LOCALITY AND NOTES
X42526	646	Levaillant's Cisticola	4	3	54	60	24.1	12.0	-	11.3	21/9/85	09:20	✓	Delta (Florence Bloom)
27	673	Chinspot Batis	4	1	62	49	16.0	14.4	-	11.2	7/12/85	09:20		Vaalkopdam (Hoskins)
28	835	Jameson's Firefinch	4	1	46	43	12.5	11.3	-	9.1	8/12/85	10:01		
29	755	Marico Sunbird	4	2	49	31	15.5	20.5	-	6.9		12:37		
X42530	495	Whitethroated Swallow	4	0	130	75/60	10.1	11.5	-	19.8	25/1/86	11:30		Delta (Florence Bloom)
31	775	Cape White Eye	4	0	64	50	18.3	11.4	-	11.5	30/3/86	10:57		
32			4	0	64	45	18.3	11.8	-	11.0		11:33		
33			4	0	62	42	17.8	11.7	-	11.0		11:45		
34			4	0	61	47	18.4	12.2	-	12.2		12:00		
X42535	673	Chinspot Batis	4	2	63	57	18.8	13.3	-	10.5	5/4/86	08:17		Vaalkopdam (Hoskins)
36	839	Blue Waxbill	4	1	53	54	14.0	10.4	-	9.0	4/10/86	15:04	✓	Vaalkopdam (New camp site)
37	599	Willow Warbler	4	0	62	48	18.7	9.6	-	7.5	9/11/87	19:37	✓	Vaalkopdam (Hoskins)
38	601	Burntnecked Erenomek	4	0	-	-	-	-	-	-	10/1/87	10:28		
39	601		4	0	57	44	19.6	12.4	-	8.6		10:30		
X42540	763	Whitebellied Sunbird	4	2	55	36	15.3	22.3	-	7.3		13:50		
41	839	Blue Waxbill	4	0	52	53	14.3	10.0	-	11.5		16:39		
42	599	Willow Warbler	4	0	61	51	16.3	9.2	-	8.8	11/2/87	11:16	✓	Delta (Florence Bloom)
43												h		
44												h		
X42545												h		
46												h		
47												h		
48												h		
49												h		
X42550												h		

APPENDIX 6 : EXAMPLE OF ELECTRONIC DATA TABLE

Ring	Code	Date	Species	Ringer	Age	Sex	Mark	Cond.	Coordinates	Locality	Prov.	Yr	Mass	Wing	Moult
486185	1	21/01/1997	715	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	96	58.8	89	
486186	1	21/01/1997	390	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	96	54		
486187	1	14/03/1997	390	32	3	0	0	0	2545S 2816E	CSIR, Pretoria	GP	96	31	86	
486188	1	14/03/1997	737	32	3	0	0	0	2545S 2816E	CSIR, Pretoria	GP	96	88.5	131	
486189	1	14/03/1997	737	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	96	85.5	129	
486190	1	01/04/1997	390	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	96	52	92	
CC07729	1	02/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97	40	99.5	00000000
CC07730	1	05/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97		101	00000000
CC07731	1	05/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97		92.5	00000000
CC07732	1	05/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97		103	00000000
CC07733	1	05/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97	38	102	00000000
CC07734	1	09/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97	42.5	101	00000000
CC07735	1	09/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97	39.5	102	00000000
CC07736	1	16/07/1997	545	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97		103	00000000
CC07737	L			32											
482043	2	15/04/1998	390	32	4	0	0	0	3416S 1823E	COGH, Cape Town	WC	97			
486186	2	05/07/1997	390	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97			
486187	2	05/07/1997	390	32	4	0	0	0	2545S 2816E	CSIR, Pretoria	GP	97			

APPENDIX 7: SAFRING POLICY ON DATA EXTRACTIONS

1. **Summaries of total birds ringed:** free (eventually to be put on the Internet).
2. **Biometric data:** not available – contact ringers via Ringers-l listserver.
3. **Moult cards data:** not computerised.
4. **Recoveries:** if already cleaned and published, will eventually be available on the Internet, probably as PDF (Portable Document Format) files on the Biomap site. If cleaned and not published, available if no moratorium exists (>20% of one ringer or specific request) at the Extraction rate. If not cleaned, SAFRING will clean at Extraction plus Clean rate. User may clean at Extraction plus half Clean rate.
 - Extraction rate: R50 per 200 records.
 - Clean rate: R3 per record.
5. **Acknowledgements and copies:** Acknowledgements will be made to SAFRING, Avian Demography Unit, University of Cape Town, in all papers and reports where use is made of SAFRING data. At least one copy of all papers and reports shall be sent to SAFRING.

APPENDIX 8: SAFRING POLICY DOCUMENT

Requirements for new ringers: 22 June 2000

To ring birds in southern Africa, three documents are needed.

1. A permit from Nature Conservation, renewed annually, for the province or country in which you wish to ring.
2. A SAFRING authority card, renewed annually, once a ringer is proven to be competent (restrictions on trapping methods and on species ringed apply).
3. Written permission from the landowner to ring on his land.

A new trainee needs to train under supervision of a qualified bird ringer. This will generally take from several months to a year of regular ringing sessions. When the trainee is ready to register at SAFRING as a new ringer, a letter of recommendation by the trainer is required, plus one from at least one independent ringer. The trainer and independent ringer need to satisfy themselves that the new applicant is competent in the following areas applicable to general mistnetting.

1. **Ethics** – be familiar with and understand the ethical codes for bird ringers.
2. **Identification** – be able to identify the birds in the area in which ringing is conducted.
3. **Trapping** – be able to set up and take down mistnets correctly.
4. **Handling birds** – be able to take birds out of nets and other traps, without injuring, killing or exposing them to unnecessary stress; be able to keep them safely prior to ringing and releasing.
5. **Ringling** – be able to put rings on birds properly and use the correct ring size for a specific species by use of the SAFRING ring guide and measuring the tarsus diameter of the bird. Be able to remove badly fitted rings.
6. **Measurements** – be able to record basic measurements accurately, specifically mass, wing length and primary moult.
7. **Record keeping** – understand the administrative procedures and requirements of SAFRING. Be able to complete the ringing data in the correct formats and understand when to submit the data to SAFRING (at least once a year; this may be done on the recognised SAFRING forms or electronically according to the guidelines that may be requested).

If there is doubt about the competence of the person, SAFRING is not obliged to register the person as a ringer.

Where Working Groups exist (e.g. cranes, raptors) ringers are encouraged to become involved in these groups.

Specialised categories that are recognised by SAFRING are detailed below. The above requirements 1 to 7 apply, except where modified below. For these categories an applicant may be requested to submit a proposal to SAFRING indicating the species to be ringed, the area in which ringing will take place, and the time period of the project.

- a) **General mistnetting.** Requirements as above.
- b) **General mistnetting of limited species.** As above, but for items 5 and 6 experience may be restricted to the species of interest.
- c) **Bal-chatri trapping.** Training under a qualified ringer must be obtained to trap raptors. It is the trainee's responsibility to go to the closest ringer who is willing to train him/her. The following points are relevant. The ethics of raptor ringing are stringent. The ethics of raptor ringing are regulated by SAFRING and the Raptor Conservation Group. Instead of mistnets in Item 3, a bal-chatri ringer needs to be able to construct acceptable traps, know how to use them correctly, and take good care of the live prey used as bait. Where a specific project is already being undertaken in a specific area by another ringer, permission should be obtained from the researcher to ring in that area. Becoming a member of the Raptor Conservation Group is encouraged.
- d) **Nestlings.** Nestlings of any species, except raptors and seabirds, may be ringed by persons qualified to use mistnets. Raptor nestlings may be ringed by persons qualified to use bal-chatri traps, but coordination with the Raptor Conservation Group is required. In the case of vulture nestlings the Vulture Study Group provides coordination. Additional ethics apply to the ringing of raptor nestlings. Seabird nestlings are dealt with below. In all cases persons need to have experience with ringing as defined above.
- e) **Special trapping methods.** These include walk-in traps and cannon nets. The above requirements apply, with the exception of item 3. A proposal is required detailing the project (trap design, previous experience, purpose, length in time of project).
- f) **Rehabilitation centres.** Centres that rehabilitate birds, and would like to ring birds prior to release, need to motivate why they wish to ring the birds. The correct ringing process and record keeping are essential (see items 5 and 7 above).
- g) **Seabirds.** Seabird colonies are sensitive to disturbance and thus ringers will only be permitted to ring seabird adults or chicks if they work in conjunction with Marine and Coastal Management.
- h) **Penguins.** Penguins are threatened birds and putting on flipper bands needs special training.
- i) **Special markings.** To use colour rings, dyes, transponders, etc., you need to submit a proposal to SAFRING.
- j) **University students.** Students who are not independent qualified ringers need to ring with a qualified ringer who is prepared to help. Students whose studies deal with a particular species are encouraged to qualify as Category 2 ringers. Either the rings of a qualified ringer may be used (then the latter is responsible for schedules) or else the student/university is responsible for the rings and schedules.
- k) **Zoos.** To ring captive birds with SAFRING rings, special permission is needed. Record keeping is essential.

Once your application has been successful, you will obtain a ringer's number and kit.

APPENDIX 9: GUIDE TO RING SIZES

m = male

f = female

SS = stainless steel

Inc = incoloy

AA = aluminium alloy

Al = aluminium

- The **sequence** is taxonomic, which is different to previous editions.
- The **ring sizes** refer to the internal diameter of the ring. There can be variation in bird size by area and by sex. Before ringing a new species, check the tarsus diameter with a vernier calliper.
- If a recommended size looks too small, rather use the next largest size. It is easier to overlap a ring that is too large than to remove a ring that is too small.
- The **prefixes** for different ring sizes are shown in Table 4.2.1.
- Primary moult:** the last column indicates the number of primaries a bird has.
 - ✧ 9, 10, 11 = nine, ten or eleven primaries.
 - ✧ 9 + v = nine primaries, plus a vestigial or reduced primary.

No.	English	Ring size	Material	Primaries
2	African Penguin	34	SS	
4	Great Crested Grebe	11	SS	11
5	Blacknecked Grebe	6	SS	11
6	Dabchick	8	SS	11
7	Wandering Albatross	19	SS	10
9	Greyheaded Albatross	12.5	Inc	10
10	Yellownosed Albatross	12.5	Inc	10
12	Darkmantled Sooty Albatross	12.5	Inc	10
13	Southern Giant Petrel (m)	19	SS	10
13	Southern Giant Petrel (f)	16	SS	10
16	Greatwinged Petrel	8	SS	10
19	Softplumaged Petrel	6	SS	10
20	Blue Petrel	4.3	SS	10
21	Broadbilled Prion	4.3	Inc	10
23	Whitechinned Petrel	11	SS	10
24	Grey Petrel	11	SS	10
29	Sooty Shearwater	11	SS	10
30	European Storm Petrel	3	SS	10
31	Leach's Storm Petrel	3	SS	10
39	Redtailed Tropicbird	8	SS	
40	Whitetailed Tropicbird	6	SS	
42	White Pelican	34	SS	
44	Cape Gannet	16	SS	10
47	Whitebreasted Cormorant	16	SS	10

No.	English	Ring	Material	Primaries
48	Cape Cormorant	12.5	Inc	10
49	Bank Cormorant	16	SS	10
50	Reed Cormorant	12.5	Inc	10
51	Crowned Cormorant	12.5	Inc	10
52	Darter	12.5	Inc	
54	Grey Heron	12.5	Inc	10
55	Blackheaded Heron	12.5	Inc	10
56	Goliath Heron	26	Inc	10
57	Purple Heron	11	SS	10
58	Great White Heron	11	SS	10
59	Little Egret	8	SS	10
60	Yellowbilled Egret	8	SS	10
61	Cattle Egret	8	SS	10
62	Squacco Heron	8	SS	10
63	Greenbacked Heron	8	SS	10
64	Black Egret	8	SS	10
65	Rufousbellied Heron	8	SS	10
66	Dwarf Bittern	8	SS	10
67	Little Bittern	8	SS	10
69	Blackcrowned Night Heron	8	SS	10
70	Whitebacked Night Heron	8	SS	10
71	Bittern	8	SS	10
72	Hamerkop	8	SS	10
73	Marabou Stork	26	Inc	
75	Saddlebilled Stork	26	Inc	
76	Yellowbilled Stork	12.5	Inc	
77	Woollynecked Stork	11	SS	
78	Abdim's Stork	12.5	Inc	
79	Black Stork	16	SS	
80	White Stork	16	SS	
81	Sacred Ibis	11/12.5	SS/Inc	10
82	Bald Ibis	12.5	Inc	10
83	Glossy Ibis	8	SS	10
84	Hadedda Ibis	12.5	Inc	10
85	African Spoonbill	12.5	Inc	10
86	Greater Flamingo	16	SS	
87	Lesser Flamingo	12.5	Inc	
88	Spurwinged Goose	26	Inc	10
89	Egyptian Goose	12.5/16	Inc/SS	10
90	South African Shelduck	11	SS	10
91	Knobbilled Duck	11/12.5	SS/Inc	10
92	Pygmy Goose	8	SS	10
94	Cape Shoveller	11	SS	10
95	African Black Duck	11	SS	10
96	Yellowbilled Duck	11	SS	10

No.	English	Ring	Material	Primaries
97	Redbilled Teal	8	SS	10
98	Cape Teal	8	SS	10
99	Hottentot Teal	6	SS	10
100	Whitefaced Duck	11	SS	10
101	Fulvous Duck	11	SS	10
102	Southern Pochard	11	SS	10
103	Maccoa Duck	11	SS	10
104	Whitebacked Duck	11	SS	10
105	Secretarybird	16	SS	
106	Cape Vulture	26	Inc	10
107	Whitebacked Vulture	26	Inc	10
108	Lappetfaced Vulture	26	Inc	10
109	Whiteheaded Vulture	26	Inc	10
110	Hooded Vulture	19	SS	10
111	Egyptian Vulture			10
112	Palmnut Vulture			10
113	Peregrine Falcon	11	SS	10
114	Lanner Falcon	10	SS	10
115	Hobby Falcon	6/7	SS	10
117	Rednecked Falcon	8	SS	10
119	Eastern Redfooted Kestrel	6	SS	10
121	Dickinson's Kestrel	6	SS	10
122	Greater Kestrel	6/8	SS	10
123	Rock Kestrel	6	SS	10
125	Lesser Kestrel	6	SS	10
126	Pygmy Falcon	5.25/6	Inc/SS	10
128	Black Kite	12.5	Inc	10
129	Yellowbilled Kite	12.5	Inc	10
130	Blackshouldered Kite	10/11	Inc/SS	10
131	Bat Hawk	8/11	SS	10
133	Black Eagle	26	Inc	10
134	Tawny Eagle	19	SS	10
135	Steppe Eagle	19	SS	10
137	Wahlberg's Eagle	12.5/16	Inc/SS	10
138	Longcrested Eagle	12.5/16	Inc/SS	10
140	Ayres' Eagle	12.5/16	Inc/SS	10
141	African Hawk Eagle	16	SS	10
142	Martial Eagle	26	Inc	10
143	Crowned Eagle	26	Inc	10
144	Lizard Buzzard	8	SS	10
145	Brown Snake Eagle	16	SS	10
146	Blackbreasted Snake Eagle	16	SS	10
147	Southern Banded Snake Eagle	12.5	Inc	10
148	Western Banded Snake Eagle	12.5	Inc	10
149	African Fish Eagle	26	Inc	10

No.	English	Ring	Material	Primaries
151	Bateleur	16	SS	10
152	Jackal Buzzard	12.5	Inc	10
153	Augur Buzzard	12.5	Inc	10
154	Steppe Buzzard	11	SS	10
155	Forest Buzzard	11	SS	10
156	Redbreasted Sparrowhawk	8	SS	10
157	Ovambo Sparrowhawk	6	SS	10
158	Little Sparrowhawk	4.3/6	Inc/SS	10
159	Black Sparrowhawk	11	SS	10
160	African Goshawk	8/11	SS	10
161	Little Banded Goshawk	6	SS	10
162	Gabar Goshawk	6/8	SS	10
163	Dark Chanting Goshawk	8/11	SS	10
165	Pale Chanting Goshawk	8/11	SS	10
167	African Marsh Harrier	8	SS	10
169	Black Harrier	8/11	SS	10
171	Gymnogene	11/12.5	SS/Inc	10
173	Coqui Francolin	6	SS	
174	Crested Francolin	8	SS	
176	Greywing Francolin	8	SS	
179	Orange River Francolin	8	SS	
181	Cape Francolin	11	SS	
182	Redbilled Francolin	11	SS	
183	Natal Francolin	11	SS	
185	Swainson's Francolin	11	SS	
189	Common Quail	4.3	AA	
190	Harlequin Quail	4.3	AA	
191	Blue Quail	3.5	AA	
192	Helmeted Guineafowl	11/12.5	SS/Inc	
196	Kurrichane Buttonquail	3	SS	10
197	African Rail	6	SS	10
198	Corncrake	6	SS	10
199	African Crake	4.3/6	SS/Inc	10
201	Spotted Crake	4.3/5.25	Inc	10
202	Baillon's Crake	3.3/4.3	Inc	10
203	Black Crake	6	SS	10
205	Redchested Flufftail	3.5	AA	10
206	Buffspotted Flufftail	3.5	AA	10
208	Purple Gallinule	11	SS	10
209	Lesser Gallinule	6	SS	10
210	Moorhen	8	SS	10
211	Lesser Moorhen	6	SS	10
212	Redknobbed Coot	11	SS	10
214	Crowned Crane	16	SS	10
215	Wattled Crane	19	SS	

No.	English	Ring	Material	Primaries
216	Blue Crane	16	Inc/SS	
220	Karoo Korhaan	11	SS	
221	Rüppell's Korhaan	10	Inc	
224	Redcrested Korhaan	11	SS	
225	Black Korhaan	8	SS	
228	African Jacana	6/8	SS	10
229	Lesser Jacana	4.3	Inc	10
230	Painted Snipe	5.3	Inc	10
231	African Black Oystercatcher	8	SS	10
232	Turnstone	4.3	Inc	10
233	Ringed Plover	3	SS	10
235	Whitefronted Plover	2.8	SS	10
236	Chestnutbanded Plover	2.8	SS	10
237	Kittlitz's Plover	2.8	SS	10
238	Threebanded Plover	2.8	SS	10
239	Sand Plover	4.3	Inc	10
240	Caspian Plover	4.3	Inc	10
241	Grey Plover	5.3	Inc	10
242	Crowned Plover	5.3	Inc	10
243	Blackwinged Plover	5.3	Inc	10
245	Blacksmith Plover	5.3	Inc	10
247	Wattled Plover	6	SS	10
249	Great Snipe	5.3	Inc	10
250	Ethiopian Snipe	5.3	Inc	10
251	Curlew Sandpiper	3	SS	10
253	Little Stint	2.3	SS	10
254	Knot	4.3	Inc	10
255	Sanderling	3	SS	10
256	Ruff	4.3/5.25	Inc	10
257	Terek Sandpiper	3	SS	10
258	Common Sandpiper	3	SS	10
259	Green Sandpiper	4.3	Inc	10
261	Redshank	3.3/4.3	Inc	10
262	Marsh Sandpiper	3/3.3	SS/Inc	10
263	Greenshank	5.25	Inc	10
264	Wood Sandpiper	3/3.3	SS/Inc	10
265	Blacktailed Godwit	5.25	Inc	10
266	Bartailed Godwit	5.25	Inc	10
268	Whimbrel	8	SS	10
269	Avocet	5.25/6	Inc/SS	10
270	Blackwinged Stilt	5.3	Inc	10
274	Water Dikkop	6	SS	10
275	Spotted Dikkop	7/8	SS	10
276	Burchell's Courser	4.3	AA	10
277	Temminck's Courser	4.3	AA	10

No.	English	Ring	Material	Primaries
278	Doublebanded Courser	4.3	AA	10
279	Threebanded Courser	4.3	AA	10
280	Bronzewinged Courser	5.25	AA	10
281	Redwinged Pratincole	4.3	AA	10
282	Blackwinged Pratincole	4.3	AA	10
283	Rock Pratincole	3	SS	10
286	Subantarctic Skua	12.5	Inc	10
287	Kelp Gull	10/11	Inc/SS	10
288	Greyheaded Gull	6	SS	10
289	Hartlaub's Gull	6	SS	10
290	Caspian Tern	8	SS	10
291	Common Tern	3	SS	10
292	Antarctic Tern	4.3	Inc	10
293	Roseate Tern	3	SS	10
294	Arctic Tern	3	SS	10
295	Sooty Tern	3	SS	10
296	Sandwich Tern	4.3	Inc	10
298	Swift Tern	6	SS	10
299	Little Tern	2.8	SS	10
300	Damara Tern	2.8	SS	10
304	Whitewinged Tern	3	SS	10
305	Whiskered Tern	4.3	Inc	10
903	Black Tern	3	SS	10
306	African Skimmer	4.3	Inc	
307	Namaqua Sandgrouse	6	AA	11
308	Burchell's Sandgrouse	6	AA	11
309	Yellowthroated Sandgrouse	6	AA	11
310	Doublebanded Sandgrouse	6	AA	11
311	Rock Pigeon	7/8	Al	10
312	Rameron Pigeon	8	Al	10
314	Redeyed Dove	6	SS/Al	10
315	African Mourning Dove	6	Al	10
316	Cape Turtle Dove	5.25/6	AA/Al	10
317	Laughing Dove	5.3	AA	10
318	Namaqua Dove	3.5	AA	10
319	Tambourine Dove	5.25	AA	10
320	Bluespotted Dove	4.5	Al	10
321	Greenspotted Dove	4.5	Al	10
322	Cinnamon Dove	5.3	AA	10
323	Green Pigeon	8	Al	10
327	Meyer's Parrot	6	SS	10
330	Rosy faced Lovebird	4.2	SS	10
336	Knysna Lourie	6	Al	10
337	Purplecrested Lourie	6	Al	10
339	Grey Lourie	6	Al	10

No.	English	Ring	Material	Primaries
340	European Cuckoo	5.3	AA	10
342	Lesser Cuckoo	3.5/4.5	AA/Al	10
343	Redchested Cuckoo	4.3	AA	10
344	Black Cuckoo	4.3	AA	10
346	Great Spotted Cuckoo	6	Al	10
347	Striped Cuckoo	6	Al	10
348	Jacobin Cuckoo	6	Al	10
350	Emerald Cuckoo	3	Al	10
351	Klaas's Cuckoo	3/3.5	Al/AA	10
352	Diederik Cuckoo	3.5	AA	10
356	Burchell's Coucal	8	SS	10
358	Green Coucal	4.3/5.25	AA	10
359	Barn Owl	8/11	SS	10
360	Grass Owl	10/11	Inc/SS	10
361	Marsh Owl	8/11	SS	10
362	Wood Owl	12.5	Inc	10
363	African Scops Owl	4.3	Inc	10
364	Whitefaced Owl	6/8	SS	10
365	Pearlspotted Owl	6/8	SS	10
366	Barred Owl	6/8	SS	10
367	Cape Eagle Owl	16	SS	10
368	Spotted Eagle Owl	12.5	Inc	10
369	Giant Eagle Owl	16	SS	10
371	European Nightjar	4.5	Al	10
372	Rufouscheeked Nightjar	3	Al	10
373	Fierynecked Nightjar	3	Al	10
374	Freckled Nightjar	4.5	Al	10
376	Mozambique Nightjar	3/3.5	Al/AA	10
377	Pennantwinged Nightjar	4.3	AA	10
378	European Swift	2.5 E	Al	10
380	Black Swift	2.5 E	Al	10
382	Mottled Swift	2.5 E	Al	10
383	Whiterumped Swift	2.5 E	Al	10
384	Horus Swift	2.5 E	Al	10
385	Little Swift	2.5 E	Al	10
386	Alpine Swift	D	Al	10
387	Palm Swift	2.5 E	Al	10
388	Mottled Spinetail	2.5 E	Al	10
389	Böhm's Spinetail	2.5 E	Al	10
390	Speckled Mousebird	3.5/4.3	AA	
391	Whitebacked Mousebird	3.5	AA	
391	Whitebacked Mousebird	4.3	AA	
392	Redfaced Mousebird	3.5/4.3	AA	
393	Narina Trogon	3/3.5	Al/AA	9
394	Pied Kingfisher	4.3/4.5	AA/Al	10

No.	English	Ring	Material	Primaries
395	Giant Kingfisher	8/10	SS/Inc	10
396	Halfcollared Kingfisher	2.5	Al	10
397	Malachite Kingfisher	2.5E/Y	Al	10
398	Pygmy Kingfisher	2.5	Al	10
399	Woodland Kingfisher	2.5E/4.3	Al/AA	10
400	Mangrove Kingfisher	4.3	AA	10
401	Greyhooded Kingfisher	4.5	Al	10
402	Brownhooded Kingfisher	2.5E/4.3	Al/AA	10
403	Striped Kingfisher	3.5	Al	10
404	European Bee-eater	3.5	AA	9+v
405	Bluecheeked Bee-eater	3.5	AA	9+v
406	Olive Bee-eater	3.5	AA	9+v
407	Carmine Bee-eater	4.3	AA	9+v
408	Böhm's Bee-eater	3.5	AA	9+v
409	Whitefronted Bee-eater	3	Al	9+v
410	Little Bee-eater	2.8	AA	9+v
411	Swallowtailed Bee-eater	2.5 E	Al	9+v
412	European Roller	6	Al	
413	Lilacbreasted Roller	6	Al	
416	Broadbilled Roller	6	Al	
418	Hoopoe	3.5/4.3	AA	10
419	Redbilled Woodhoopoe	6	Al	10
420	Violet Woodhoopoe	6	Al	10
421	Scimitarbilled Woodhoopoe	4.3	AA	10
422	Trumpeter Hornbill	12.5	Inc	10
424	Grey Hornbill	8	Al	10
425	Redbilled Hornbill	6/8	SS	10
426	Southern Yellowbilled Hornbill	6/8	SS	10
427	Crowned Hornbill	6/8	SS	10
431	Blackcollared Barbet	3.3/4.3	AA	
432	Pied Barbet	3.3/4.3	AA	
433	White-eared Barbet	3.3	Inc	
434	Whyte's Barbet	3.3	Inc	
436	Redfronted Tinker Barbet	2.3	AA	
437	Yellowfronted Tinker Barbet	2.3	AA	
438	Goldenrumped Tinker Barbet	2.3	AA	
439	Crested Barbet	4.3	AA	
440	Greater Honeyguide	3.5	AA	9+v
441	Scalythroated Honeyguide	3.5	AA	9+v
441	Scalythroated Honeyguide	3	Al	9+v
442	Lesser Honeyguide	3	Al	9+v
443	Sharpbilled Honeyguide	2.3	AA	9
444	Slenderbilled Honeyguide	2.3	AA	9
445	Ground Woodpecker	4.3	AA	9+v
446	Bennett's Woodpecker	4.3	AA	9+v

No.	English	Ring	Material	Primaries
447	Goldentailed Woodpecker	4.3	AA	9+v
448	Knysna Woodpecker	4.3	AA	9+v
450	Cardinal Woodpecker	3/3.5	Al/AA	9+v
451	Bearded Woodpecker	4.3	AA	9+v
452	Olive Woodpecker	4.3	AA	9+v
453	Redthroated Wryneck	4.3	AA	9+v
454	African Broadbill	2.3/2.8	AA	
456	Melodious Lark	2.3	AA	9+v
457	Monotonous Lark	2.3	AA	9+v
458	Rufousnaped Lark	3	Al	9+v
459	Fawncoloured Lark	2.3	AA	9+v
460	Sabota Lark	3	Al	9+v
463	Thickbilled Lark	3	Al	9+v
466	Clapper Lark			9+v
468	Flappet Lark	2.8	AA	9+v
474	Spikeheeled Lark	2.8	AA	9+v
480	Dune Lark	2.8	AA	9+v
484	Chestnutbacked Finchlark	2.3	AA	9+v
486	Blackeared Finchlark	2.3	AA	9+v
488	Redcapped Lark	2.3	AA	9+v
490	Pinkbilled Lark	2.3	AA	9+v
492	Stark's Lark	2.3	AA	9+v
493	European Swallow	2.3	AA	9
494	Angola Swallow	1.8/2.3	Al/AA	9
495	Whitethroated Swallow	2.3	AA	9
496	Wiretailed Swallow	2.3/2.5Y	AA/Al	9
497	Blue Swallow	1.8	Al	9
498	Pearlbreasted Swallow	1.8/2.3	Al/AA	9
499	Greyrumped Swallow	1.8	Al	9
500	Mosque Swallow	2.8	AA	9
501	Redbreasted Swallow	2.8/3	AA/Al	9
502	Greater Striped Swallow	2.3/2.8	AA	9
503	Lesser Striped Swallow	2.3/2.8	AA	9
504	South African Cliff Swallow	2.3	AA	9
506	Rock Martin	2.3	AA	9
507	House Martin	2.3	AA	9
508	Sand Martin	2.3	AA	9
509	Brownthroated Martin	1.8/2.3	Al/AA	9
510	Banded Martin	2.3	AA	9
511	Black Sawwing Swallow	1.8	Al	9
512	Eastern Sawwing Swallow	1.8	Al	9
513	Black Cuckooshrike	2.8/3	AA/Al	10
514	Ashy Tit	2.8	AA	10
515	Whitebreasted Cuckooshrike	3.5/4.5	AA/Al	10
516	Grey Cuckooshrike	3.5	AA	10

No.	English	Ring	Material	Primaries
517	Forktailed Drongo	3.3/4.3	Inc/AA	10
518	Squaretailed Drongo	2.8/3	AA/Al	10
519	European Golden Oriole	4.3	AA	10
520	African Golden Oriole	4.3	AA	10
521	Blackheaded Oriole	4.3	AA	10
522	Pied Crow	8	SS	10
523	Black Crow	8	SS	10
524	Whitenecked Raven	10/11	Inc/SS	10
525	Southern Grey Tit	2.8	AA	10
526	Northern Grey Tit	2.3	AA	10
527	Southern Black Tit	2.3/2.8	AA	10
529	Rufousbellied Tit	2.3	AA	10
530	Grey Penduline Tit	1.8/2.3	Al/AA	10
531	Cape Penduline Tit	1.8/2.3	Al/AA	10
533	Arrowmarked Babbler	4.3/4.5	AA/Al	10
535	Hartlaub's Babbler	4.3	AA	10
536	Pied Babbler	4.5	Al	10
540	Cape Rockjumper	3.5/4.5	AA	10
542	Bush Blackcap	3	Al	10
543	Cape Bulbul	3	Al	10
544	Redeyed Bulbul	3	Al	10
545	Blackeyed Bulbul	3/3.5	Al/AA	10
546	Terrestrial Bulbul	3/3.5	Al/AA	10
547	Yellowstreaked Bulbul	3/3.5	Al/AA	10
548	Slender Bulbul	3	Al	10
549	Stripecheeked Bulbul	3/3.5	Al/AA	10
550	Yellowbellied Bulbul	3/3.5	Al/AA	10
551	Sombre Bulbul	3	Al	10
552	Kurrichane Thrush	3.5/4.3	AA	10
553	Olive Thrush	3.5/4.3	AA	10
556	Orange Thrush	3.5	AA	10
557	Groundscraper Thrush	3.5/4.3	AA	10
558	Spotted Thrush	3.5	AA	10
559	Cape Rock Thrush	3/3.5	Al/AA	10
561	Shorttoed Rock Thrush	3	Al	10
562	Miombo Rock Thrush	3.5	AA	10
563	European Wheatear	3	Al	10
564	Mountain Chat	3	Al	10
566	Karoo Chat	3	Al	10
568	Capped Wheatear	3	Al	10
569	Buffstreaked Chat	3	Al	10
570	Familiar Chat	2.3	AA	10
573	Mocking Chat	3	Al	10
574	Arnot's Chat	3	Al	10
575	Anteating Chat	3	Al	10

No.	English	Ring	Material	Primaries
576	Stonechat	2.3	AA	10
577	Whinchat	2.3	AA	10
578	Chorister Robin	3	Al	10
579	Natal Robin	3	Al	10
580	Heuglin's Robin	3	Al	10
581	Cape Robin	2.8	AA	10
582	Whitethroated Robin	2.3/2.8	AA	10
583	Karoo Robin	2.3/2.8	AA	10
584	Brown Robin	2.8	AA	10
585	Bearded Robin	2.8	AA	10
586	Kalahari Robin	2.8	AA	10
587	Cholo Alethe	3	Al	10
588	Whitebrowed Robin	2.3/2.8	AA	10
589	Starred Robin	2.3	AA	10
590	Swynnerton's Robin	2.3	AA	10
591	Gunning's Robin	2.3	AA	10
592	Thrush Nightingale	2.3	AA	10
593	Collared Palm Thrush	3	Al	10
594	Whitethroat	2.3	AA	10
595	Garden Warbler	2.3	AA	10
596	Icterine Warbler	2.3	AA	10
597	Olivetree Warbler	2.3	AA	10
598	River Warbler	2.3	AA	10
599	Willow Warbler	1.8	Al	10
600	Yellowbellied Eremomela	1.8	Al	10
601	Burntnecked Eremomela	1.8	Al	10
602	Greencapped Eremomela	1.8	Al	10
603	Great Reed Warbler	3	Al	10
604	Cape Reed Warbler	2.8/3	AA/Al	10
606	African Marsh Warbler	1.8/2.3	Al/AA	10
607	European Marsh Warbler	2.3	AA	10
608	European Sedge Warbler	1.8/2.3	Al/AA	10
609	African Sedge Warbler	2.3	AA	10
911	European Reed Warbler	2.3	AA	10
949	Basra Reed Warbler	2.3/2.8	AA	10
610	Barratt's Warbler	2.3	AA	10
612	Victorin's Warbler	2.3	AA	10
614	Barred Warbler	2.3/2.8	AA	10
615	Stierling's Barred Warbler	2.3	AA	10
617	Moustached Warbler	4.5	AA	10
618	Grassbird	3/3.5	Al/AA	10
619	Rufous-eared Warbler			10
621	Longbilled Crombec	2.3	AA	10
622	Barthroated Apalis	2.3	AA	10
624	Rudd's Apalis	1.8/2.3	Al	10

No.	English	Ring	Material	Primaries
625	Yellowbreasted Apalis	1.8	Al	10
627	Bleating Warbler	2.3	AA	10
628	Greybacked Warbler	1.8/2.3	Al/AA	10
629	Fantailed Cisticola	1.8	Al	10
630	Desert Cisticola	1.8/2.3	Al/AA	10
631	Cloud Cisticola	1.8/2.3	Al/AA	10
634	Ayres' Cisticola	1.8/2.3	Al/AA	10
636	Shortwinged Cisticola	1.8/2.3	Al/AA	10
637	Neddicky	1.8	Al	10
638	Greybacked Cisticola	1.8	Al	10
639	Wailing Cisticola	2.3	AA	10
641	Tinkling Cisticola	1.8/2.3	Al/AA	10
642	Rattling Cisticola	2.8	AA	10
643	Singing Cisticola	1.8	Al	10
644	Redfaced Cisticola	2.3	AA	10
645	Blackbacked Cisticola	2.3/2.8	AA	10
646	Levaillant's Cisticola	2.3	AA	10
647	Croaking Cisticola	2.3	AA	10
648	Lazy Cisticola	2.3	AA	10
649	Tawnyflanked Prinia	1.8/2.3	Al/AA	10
650	Blackcheded Prinia	1.8/2.3	Al/AA	10
651	Karoo Prinia	1.8/2.3	Al/AA	10
653	Namaqua Warbler	1.8/2.3	Al/AA	10
654	Spotted Flycatcher	2.3	AA	10
655	Dusky Flycatcher	2.3	AA	10
656	Bluegrey Flycatcher	2.3	AA	10
657	Fantailed Flycatcher	2.3	AA	10
658	Titbabbler	2.3	AA	10
659	Layard's Titbabbler	2.3	AA	10
660	Herero Chat	3	Al	10
661	Marico Flycatcher	2.3	AA	10
662	Pallid Flycatcher	2.3	AA	10
663	Chat Flycatcher	2.3	AA	10
664	Black Flycatcher	2.3/2.8	AA	10
665	Fiscal Flycatcher	2.8	AA	10
666	Yellow Warbler	1.8/2.3	Al/AA	10
671	Yellowthroated Warbler	1.8	Al	10
672	Cape Batis	1.8/2.3	Al/AA	10
673	Chinspot Batis	1.8/2.3	Al/AA	10
674	Pririt Batis	1.8	Al	10
675	Mozambique Batis	1.8/2.3	Al/AA	10
677	Wattle-eyed Flycatcher	2.3	AA	10
678	Fairy Flycatcher	1.8	Al	10
680	Bluemantled Flycatcher	2.3	AA	10
681	Whitetailed Flycatcher	1.8	Al	10

No.	English	Ring	Material	Primaries
682	Paradise Flycatcher	2.3	AA	10
685	African Pied Wagtail	2.8/3	SS	9
686	Cape Wagtail	2.3/2.8	AA	9
688	Longtailed Wagtail	3	SS	9
689	Yellow Wagtail	2.3/2.8	AA	9
692	Grassveld Pipit	2.3/2.8	AA	9
693	Longbilled Pipit	2.3	AA	9
694	Plainbacked Pipit	2.8	AA	9
695	Buffy Pipit	2.3	AA	9
696	Striped Pipit	3	Al	9
698	Tree Pipit	2.3	AA	9
703	Orangethroated Longclaw	3.5/4.5	AA/Al	9
704	Yellowthroated Longclaw	3.5/4.5	AA/Al	9
705	Pinkthroated Longclaw	3	Al	9
706	Lesser Grey Shrike	3.5	AA	10
707	Fiscal Shrike	3/3.3	Al/Inc	10
708	Redbacked Shrike	3	Al	10
709	Southern Boubou	3.3	Inc	10
710	Swamp Boubou			10
711	Crimsonbreasted Shrike	3	Al	10
712	Puffback	3	Al/SS	10
713	Southern Tchagra	3.3	Inc	10
714	Threestreaked Tchagra	3/3.3	Al/Inc	10
715	Blackcrowned Tchagra	3/3.3	SS/Inc	10
717	Olive Bush Shrike	3	Al	10
719	Orangebreasted Bush Shrike	3	Al	10
720	Blackfronted Bush Shrike	3/3.5	Al/AA	10
721	Gorgeous Bush Shrike	3	Al	10
722	Bokmakierie	4.3	AA	10
723	Greyheaded Bush Shrike	4.3	AA	10
724	Longtailed Shrike	5.25	AA	10
725	Yellowspotted Nicator	3.5	Al	10
727	White Helmetshrike	3	Al	10
728	Redbilled Helmetshrike	3/3.3	Al/Inc	10
730	Whitecrowned Shrike	5.25/6	AA/Al	10
731	Brubru	3	SS	10
733	European Starling	4.3	AA	9+v
734	Indian Myna	4.5/5.25	Al/AA	9+v
735	Wattled Starling	4.3	AA	9+v
736	Plumcoloured Starling	3.3/3.5	Inc/AA	9+v
737	Glossy Starling	4.3/5.25	AA	9+v
738	Greater Blue-eared Starling	4.3	AA	9+v
739	Lesser Blue-eared Starling	4.3	AA	9+v
740	Blackbellied Starling	4.3	AA	9+v
741	Sharptailed Starling	4.3	AA	9+v

No.	English	Ring	Material	Primaries
742	Longtailed Starling	4.3/6	AA/Al	9+v
743	Burchell's Starling	6	Al	9+v
744	Palewinged Starling	4.3	AA	9+v
745	Redwinged Starling	4.3/5.25	AA	9+v
746	Pied Starling	4.3	AA	9+v
748	Redbilled Oxpecker	4.5	Al	
749	Cape Sugarbird	4.3	AA	
750	Gurney's Sugarbird	4.3	AA	
751	Malachite Sunbird	2.3	AA	10
752	Bronze Sunbird	2.3	AA	10
753	Orangebreasted Sunbird	1.8/2.3	Al/AA	10
754	Coppery Sunbird	1.8/2.3	Al/AA	10
755	Marico Sunbird	1.8/2.3	Al/AA	10
756	Purplebanded Sunbird	1.8	Al	10
757	Shelley's Sunbird	2.3	AA	10
758	Greater Doublecollared Sunbird	2.3	AA	10
759	Miombo Doublecollared Sunbird	1.8/2.3	Al/AA	10
760	Lesser Doublecollared Sunbird	1.8	Al	10
761	Neergaard's Sunbird	1.8/2.3	Al/AA	10
762	Yellowbellied Sunbird	1.8	Al	10
763	Whitebellied Sunbird	1.8/2.3	Al/AA	10
764	Dusky Sunbird	1.8/2.3	Al/AA	10
765	Grey Sunbird	1.8/2.3	Al/AA	10
766	Olive Sunbird	1.8/2.3	Al/AA	10
770	Violetbacked Sunbird	2.3	AA	10
771	Collared Sunbird	1.8	Al	10
772	Black Sunbird	1.8/2.3	Al/AA	10
774	Scarletched Sunbird	2.3	AA	10
775	Cape White-eye	2.3	AA	9
777	Yellow White-eye	1.8/2.3	Al/AA	9
779	Redbilled Buffalo Weaver	4.3	AA	9+v
780	Whitebrowed Sparrowweaver	4.3	AA	9+v
783	Sociable Weaver	3/3.3	SS/Inc	9+v
784	House Sparrow	2.8	AA	9+v
785	Great Sparrow	3	Al	9+v
786	Cape Sparrow	2.8	AA	9+v
787	Southern Greyheaded Sparrow	2.8	AA	9+v
788	Yellowthroated Sparrow	2.8/3	AA/Al	9+v
789	Scalyfeathered Finch	2.3	Al Al	9+v
790	Forest Weaver	3	SS	9+v
791	Spectacled Weaver	3	SS	9+v
792	Lesser Masked Weaver	2.3/3	AA/SS	9+v
793	Redheaded Weaver	3	SS	9+v
796	Chestnut Weaver	3	SS	9+v
797	Spottedbacked Weaver	3/3.3	SS/Inc	9+v

No.	English	Ring	Material	Primaries
799	Cape Weaver	3/3.3	SS/Inc	9+v
800	Yellow Weaver	3	SS	9+v
801	Golden Weaver	3	SS	9+v
802	Brownthroated Weaver	2.3/3	SS	9+v
803	Masked Weaver	3	SS	9+v
804	Thickbilled Weaver	4.3	AA	9+v
805	Redbilled Quelea	2.3	AA	9+v
806	Redheaded Quelea	2.3	AA	9+v
808	Red Bishop	2.8	AA	9+v
809	Firecrowned Bishop	2.3/2.8	AA	9+v
810	Yellowrumped Widow	3/3.5	Al/AA	9+v
812	Golden Bishop	2.3	AA	9+v
813	Redcollared Widow	2.3/2.8	AA	9+v
814	Whitewinged Widow	2.3	AA	9+v
815	Yellowbacked Widow	2.3/3	AA/Al	9+v
816	Redshouldered Widow	2.8/3	AA/Al	9+v
818	Longtailed Widow	3	Al	9+v
820	Redheaded Finch	2.3	Al Al	9+v
821	Cutthroat Finch	2.3	Al Al	9+v
822	Pied Mannikin	2.3	AA	9+v
823	Bronze Mannikin	1.8/2.3	Al/AA	9+v
824	Redbacked Mannikin	1.8/2.3	Al/AA	9+v
825	Swee Waxbill	1.8	Al	9+v
826	East African Swee	1.8	Al	9+v
827	Green Twinspot	1.8	Al	9+v
828	Redfaced Crimsonwing	2.3	AA	9+v
829	Goldenbacked Pytilia	2.3	AA	9+v
830	Melba Finch	2.3	AA	9+v
832	Redthroated Twinspot	2.3	AA	9+v
833	Bluebilled Firefinch	1.8/2.3	Al/AA	9+v
835	Jameson's Firefinch	1.8	Al	9+v
836	Brown Firefinch	1.8	Al	9+v
837	Redbilled Firefinch	1.8	Al	9+v
838	Orangebreasted Waxbill	1.8	Al	9+v
839	Blue Waxbill	1.8/2.3	Al/AA	9+v
840	Violeteared Waxbill	2.3	AA	9+v
841	Blackcheeked Waxbill	1.8	Al	9+v
842	Grey Waxbill	1.8	Al	9+v
843	Common Waxbill	1.8	Al	9+v
844	Quail Finch	1.8	Al	9+v
846	Pintailed Whydah	2.3	Al	9+v
847	Shaft-tailed Whydah	2.3	Al	9+v
849	Black Widowfinch	2.3	AA	9+v
850	Purple Widowfinch	2.3	AA	9+v
851	Steelblue Widowfinch	2.3	AA	9+v

No.	English	Ring	Material	Primaries
852	Paradise Whydah	2.3	AA	9+v
853	Broadtailed Paradise Whydah	2.3	AA	9+v
854	Cuckoo Finch	2.3	AA	9+v
855	Cape Siskin	1.8/2.3	AI/AA	9
857	Cape Canary	2.3	AA	9
858	Forest Canary	2.3	AA	9
859	Yelloweyed Canary	2.3	AA	9
860	Blackthroated Canary	1.8/2.3	AI/AA	9
861	Blackheaded Canary	2.3	AA	9
863	Bully Canary	2.3	AA	9
865	Whitethroated Canary	2.3/2.8	AA	9
866	Yellow Canary	2.3	AA	9
867	Streakyheaded Canary	2.3/2.8	AA	9
868	Blackeared Canary	2.3	AA	9
869	Protea Canary	2.8	AA	9
870	Chaffinch	2.3	AA	9
871	Larklike Bunting	2.3	AA	9
872	Rock Bunting	2.3	AA	9
873	Cape Bunting	2.3	AA	9
874	Goldenbreasted Bunting	2.3	AA	9
875	Cabanis's Bunting	2.3	AA	9

