



# Biodiversity Observations

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## REPORT ON THE 2014 RINGING YEAR

**Dane M. Paijmans and H. Dieter Oschadleus**

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## AFRING NEWS

## REPORT ON THE 2014 RINGING YEAR

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Following from the 47th summary of ringing effort for the years July 2006 to end of 2013 (Pajmans & Oschadleus 2015), the SAFRING database has grown to 2,412,294 records. Throughout the 2014 ringing year upgrades were underway to improve both the website and database which resulted in reduced functionality over this time.

## Ringing papers

Even with this additional development work being undertaken a number of very interesting research articles have been published utilising the ringing data collected as well as an MSc project (Table 1). There have also been many popular articles published (within the bird newsletters, magazines, and online) as well as nine new articles in AFRING News volume 43.

## Ringing effort

The 2014 ringing year (1 January 2014 to 31 December 2014) was a moderately successful one because SAFRING received 63,825 records (56,331 birds ringed; 7,093 recaptured; 401 recoveries records) of 692 species (Figure 1). Although this is the lowest number of ringing records we received since 1998, the recapture rate was excellent and the recovery rate was nearly double that of the last few years.

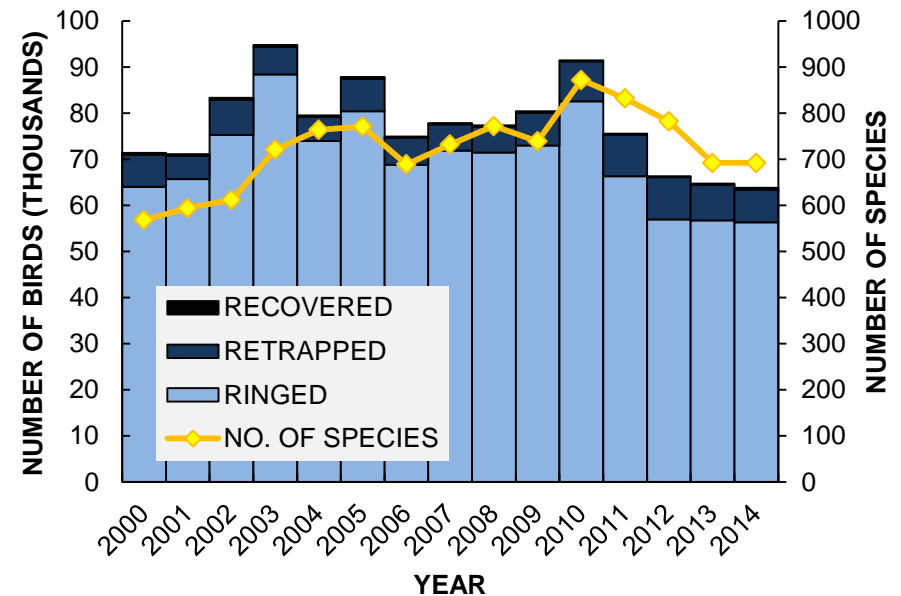
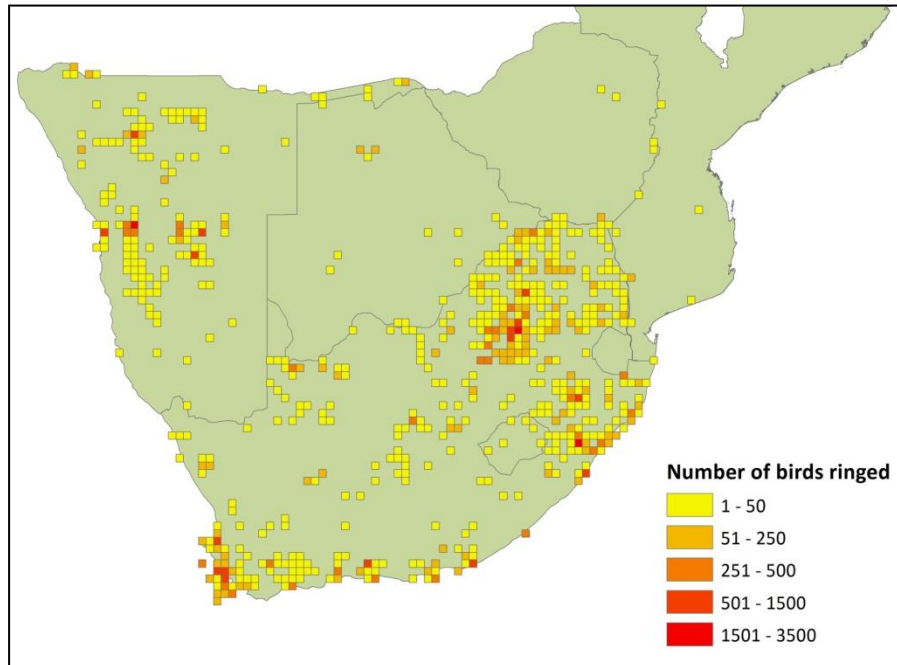


Figure 1. Trend in ringing effort over fifteen years from 2000 to 2014.

The effort from ringers has been well distributed across southern Africa (Figure 2), with most records (ringing, retrap, recovery) originating from the South African provinces and Namibia (Table 2). The South African province to produce the most records was the Western Cape (9,377 records), and KwaZulu-Natal had the most species ringed (320 species).

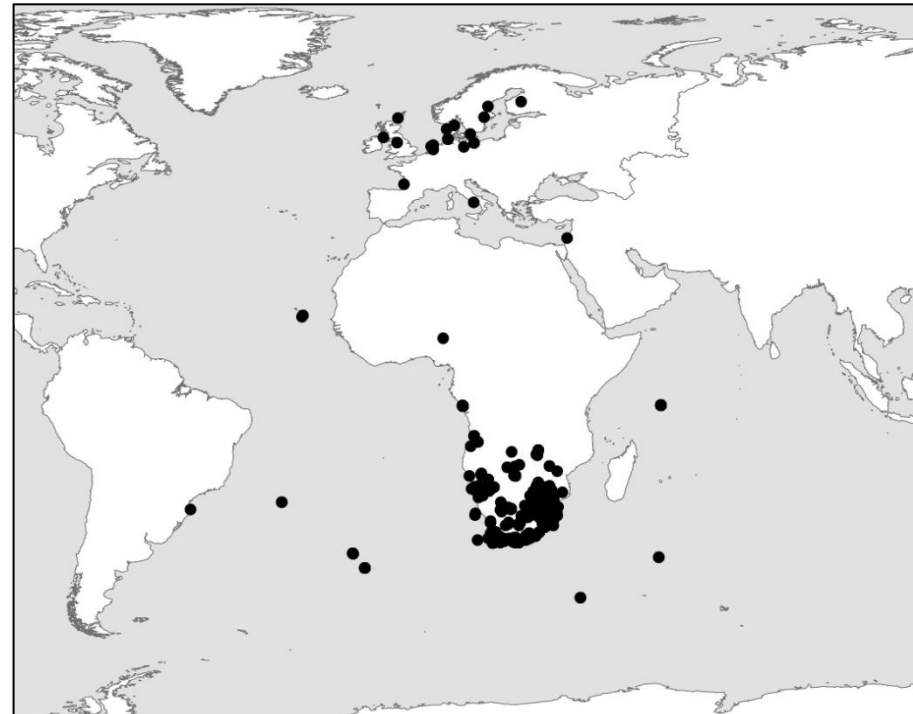
In previous summaries we have listed the top ringing groups and ringers separately as it was an unfair comparison. For this summary however this was unnecessary as SAFRING has started issuing species specific licences that allow for individuals within groups to control their own data. This allows for more precise data handling and means that in most cases records are assigned to individuals, and there are only a few cases of ringing groups still obtaining high

numbers (eg. Department of Environmental Affairs, the oceanic islands and SANCCOB).



**Figure 2.** Distribution of ringing effort across southern Africa per each quarter degree grid cell within southern Africa in the 2014 ringing period. The colour coding of the grid cell indicates numbers of birds ringed in it

During 2014, 96 active registered ringers/groups ringed over 100 birds and 11 of these ringed more than 1,000 birds (Table 3). Most of these ringers ringed a variety of species and were distributed across southern Africa. The top ringer, Dr Ursula Franke, ringed the most birds by far (6,133 birds), while the person who ringed the most species was Dr Barry Taylor from KwaZulu-Natal, South Africa (245 species) (Table 4).



**Figure 3.** Positions at which birds with SAFRING rings were retrapped/recovered/resighted around the world, for the 2014 ringing year.

In total, 692 species were ringed or reported in 2014 but most records involved the top 50 species. These were predominantly terrestrial birds as this is where most ringers are present, however, due to substantial research being done on oceanic islands, there were also many records originating from island research sites (Tables 5, 7, 10).

Of the 7,093 retrap records processed over this period a large portion (~18%) were received from Gough Island (Table 6). This is

due to the substantial colour ringing effort being undertaken there and because these birds are easily resighted when nesting.

Because it is not always possible for registered ringers to locate or process a dead ringed bird, we have to rely quite heavily on general public for our recovery records. For 2014 we had a vast improvement over previous years with members of the public contributing 134 recovery records (Table 9). These records were received from various locations around the continent of Africa and beyond (Figure 3). The species with the most recoveries were the Sociable Weaver, Kelp Gull, Swift Tern and Cape Gannet (Table 10). This is primarily due to the fact that studies involved in the ringing of these species focus on the juveniles which have a lower survival rate than adults. These high number of sea bird recoveries also is partly accounted by the large number of birds found dead on beaches (Table 11).

### Acknowledgements

We at SAFRING really appreciate all the effort of ringers and the general public (the latter in reporting recoveries), and would like to thank everyone that has taken part in ringing and resighting in Southern Africa. SAFRING is sponsored by the South African National Biodiversity Institute, and the Namibian Ministry of Wildlife and Tourism. The University of Cape Town provides accommodation and services.

### Reference

**Paijmans DM, Oschadleus HD** 2015 Bird ringing report for July 2006 to December 2013. Afring News 44: 11–15. Available online at [http://safring.adu.org.za/papers/afring\\_44\\_11.pdf](http://safring.adu.org.za/papers/afring_44_11.pdf)

**Table 1.** Scientific publications produced utilising records within the SAFRING database for the year 2014

Authors	Reviewed Papers	
	Title	Journal (Vol. pages)
Beauchamp G	Do avian cooperative breeders live longer?	Proceedings of the Royal Society B (281 20140844)
Bonnevie BT	Variations in moult, morphology, movement and survival rates of the Sombre Greenbul <i>Andropadus importunus</i> within southern Africa	Ostrich (85 161-170)
Bonnevie BT, Craig AJFK	Primary wing-moult in relation to body-mass, wing-length and latitude in four insectivorous passerines from southern Africa	EMU (114 371-378)
Collingham YC, Huntley B, Altwegg R, Barnard P, Beveridge OS, Gregory RD, Mason LR, Oschadleus HD, Simmons RE, Willis SG, Green RE	Prediction of mean adult survival rates of southern African birds from demographic and ecological covariates	Ibis (156 741-754)
Craig AJFK, Bonnevie BT, Hulley PE, Underhill GD	Primary wing-moult and site fidelity in South African mousebirds (Coliidae)	Ostrich (85 171-175)
Duckworth GD, Altwegg R	Environmental Drivers of an Urban Hadedda Ibis Population	Ardea (102 21-29)

Jansen DYM, Abadi R, Harebottle D, Altwegg R	Does seasonality drive spatial patterns in demography? Variation in survival in African reedwarblers <i>Acrocephalus baeticatus</i> across southern Africa does not reflect global patterns	Ecology and Evolution (4 889-898)
Lee ATK, Barnard P, Cherry MI	Aspects of the ecology and morphology of the protea seedeater, <i>Crithagra leucopterus</i> , a little-known Fynbos endemic	African Zoology (49 295-300)
Remisiewicz M, Tree AJ, Underhill LG, Nowakowski JK	Geographical Patterns in Primary Moult and Body Mass of Greenshank <i>Tringa nebularia</i> in Southern Africa	Ardea (102 31-46)

**Academic Theses**

Author	Title	Institution
Calder JL	Weaving through the matrix: investigating the influence of urban land use on weaver bird movements into and out of Cape Town wetlands	MSc Thesis, University of Cape Town, Cape Town, South Africa

**Table 2.** Regional ringing effort in the 2014 ringing year (all regions with over 100 records)

Region	Number of Ringers	Number of Species	Number of Birds	% of Total Birds	% of Total Species
Namibia	33	220	11331	18.9	29.4
Western Cape	85	171	9377	15.7	22.8
Kwa-Zulu Natal	43	320	9257	15.5	42.7
Gauteng	51	209	8813	14.7	27.9
Northern Prov.	54	263	4111	6.9	35.1
Eastern Cape	25	157	2743	4.6	21
Northern Cape	19	84	2621	4.4	11.2
Seychelles	5	20	2113	3.5	2.7
Zambia	3	66	1894	3.2	8.8
Mpumalanga	33	176	1627	2.7	23.5
North West	38	135	1342	2.2	18
Free State	17	92	1067	1.8	12.3
Oceanic Islands	3	7	473	0.8	0.9
Republic of the Congo	1	65	363	0.6	8.7
Angola	1	48	330	0.6	6.4
Sao Tome	1	29	328	0.5	3.9
Botswana	2	39	174	0.3	5.2
United Arab Emirates	1	15	159	0.3	2

**Table 3.** Top 20 ringers/groups in the 2014 ringing year: Total numbers of birds ringed

Ringer	Name	Birds
1240	Dr Ursula Franke	6,133
573	Mr Dirk Heinrich	1,828
927	Mr Bennie Van Den Brink	1,820
1060	Dr Barry Taylor	1,645
1540	Mrs Karin Nelson	1,615
32	Dr. Dieter Oschadleus	1,263
1030	Mr Peter Dearlove	1,259
870	Dept Environmental Affairs	1,045
1476	Mr Neil Thomson	1,042
1089	Dr Mark Brown	1,029
162	Mr Kobie Raijmakers	1,007
1577	Dr Alan Lee	991
1586	Mrs Sue Schultz	942
1633	Mr Ryno Kemp	932
574	Mr Tim & Laurel Osborne	924
1207	Andrew Pickles	881
180	Mr Hein Bantjes	838
1607	Mr James Rawdon	818
12834	Ms Stacy Webb	818
1567	Ms Lorinda Hart	777

**Table 4.** Top 20 ringers/groups in the 2014 ringing year: Total number of species ringed

Ringer	Name	Species
1060	Dr Barry Taylor	245
1240	Dr Ursula Franke	208
1096	Mr Malcolm Wilson	164
162	Mr Kobie Raijmakers	149
1633	Mr Ryno Kemp	140
573	Mr Dirk Heinrich	129
1607	Mr James Rawdon	128
1540	Mrs Karin Nelson	125
1340	Mr Colin Williams	122
1282	Mr Tony Raijmakers	119
1245	Prof Derek Engelbrecht	116
1042	Dr Pieter Van Eeden	109
1105	Mr Joseph Heymans	108
1512	Mr Gert J Opperman	107
10007	Mrs Elba Swart	104
13476	Mrs Paula Steyn	104
1627	Mr Tjebbe Witteveen	100
1360	Mr Gerrie Jansen van Rensburg	98
1422	Mr Jim McLuskie	98
1601	Mr Eben Muller	98

**Table 5.** The most frequently ringed birds for the 2014 ringing year

	Species	Count
Terrestrial	Southern Masked-Weaver	4,083
	Lark-like Bunting	3,163
	Barn (European) Swallow	2,717
	Southern Red (Red) Bishop	2,399
	Cape White-eye (split)	1,784
	Red-billed Quelea	1,594
	Sociable (Social) Weaver	1,175
	Cape Sparrow	1,027
	Dark-capped (Black-eyed) Bulbul	1,013
	Common Waxbill	842
	Laughing (Palm) Dove	779
	Cape Weaver	764
	Blue Waxbill	717
	Village (Spotted-backed) Weaver	708
	Lesser Noddy	646
Marine	Cape Gannet	1,176
	Swift (Great Crested) Tern	579
	White-tailed Tropicbird	370
	Wedge-tailed Shearwater	342
	Atlantic Yellow-nosed Albatross	324
	Yellow-nosed Mollymawk (Albatross)	232
	Black Tern	175
	Hartlaub's Gull	159
	White-fronted Plover	141
	Kelp Gull	129
Raptors	Southern Pale Chanting Goshawk	208
	Lappet-faced Vulture	127
	Steppe (Common) Buzzard	122
	Barn Owl	103
	Jackal Buzzard	92

**Table 6.** Top 20 ringers/groups in the 2014 ringing year: Numbers of birds retrapped

Ringer	Name	Region	Birds
904	Gough Island	aq	1,318
1007	Rita Covas	NC	500
1444	Dr Andy Young	NC	385
1476	Mr Neil Thomson	na	377
1531	Ms Gudrun Middendorff	na	272
1060	Dr Barry Taylor	KZ	261
1240	Dr Ursula Franke	na	259
1540	Mrs Karin Nelson	KZ	252
280	Mr Anthony Tree	EC	230
0	Member of the public		204
32	Dr. HD Oschadleus	WC	179
1577	Dr Alan Lee	WC	134
1030	Mr Peter Dearlove	KZ	107
1586	Mrs Sue Schultz	WC	94
1125	Liz Komen	na	87
180	Mr Hein Bantjes	GP	81
1096	Mr Malcolm Wilson	GP	78
1089	Dr Mark Brown	WC	69
1607	Mr James Rawdon	KZ	69

**Table 7.** The most frequently retrapped/resighted birds for the 2014 ringing year

	Species	Count
Terrestrial	Sociable (Social) Weaver	586
	White-browed Sparrow-Weaver	467
	Southern Masked-Weaver	332
	Cape White-eye (split)	234
	Southern Red (Red) Bishop	230
	Black-throated Canary	197
	Cape Robin-Chat	185
	Lesser Swamp- (Cape Reed) Warbler	106
	Laughing (Palm) Dove	105
	Cape Weaver	98
	African Reed-Warbler	89
	Amethyst (Black) Sunbird	87
	Le Vaillant's (Tinkling) Cisticola	79
	Dark-capped (Black-eyed) Bulbul	79
	Blue Waxbill	79
Marine	Tristan Albatross	617
	Atlantic Yellow-nosed Albatross	438
	Southern Giant-Petrel	170
	Great Shearwater	97
	Roseate Tern	62
	White-tailed Tropicbird	26
	Swift (Great Crested) Tern	25
	Wedge-tailed Shearwater	10
	Subantarctic Skua (incl. Southern & Brown)	7
	Kelp Gull	7
Raptor	White-backed Vulture	91
	Cape Vulture (Griffon)	84
	Pygmy Falcon	52
	African Crowned (Crowned) Eagle	28
	Lappet-faced Vulture	27

**Table 8.** Conditions of retrap/resighting for the 2014 ringing year

Condition	Grand Total
No other information	6,814
Sighting: of colour ringed bird	151
Sighting: of patagial tags	91
Sighting: ring number read in field	40
Controlled: and released	9
Caught: and released	6
Caught: flew into shop/house, released	4
Sick or Injured: taken to rehabilitation centre	3
Alive: no other information	3



**Table 9.** Top 20 ringers/groups in the 2014 ringing year: Numbers of birds recovered

Ringer	Name	Region	Birds
1007	Rita Covas	NC	150
0	Member of the public		134
1623	Ms Minke Witteveen	WC	27
13779	Mr David Gaglio	WC	13
12834	Ms Stacey Leigh Webb	EC	8
1272	ADU non ringer		6
12956	Mr Rowen van Eeden	NP	5
1540	Mrs Karin Nelson	KZ	4
14752	Lindy Jane Thompson	KZ	3
1033	Ms Ronelle Visagie	NC	3
904	Gough Island	aq	3
43	Dr Robert Thomson	NC	3
1619	Shane McPherson	KZ	2
1577	Dr Alan Lee	WC	2
1567	Ms Lorinda Hart	KZ	2
1531	Ms Gudrun Middendorff	na	2
1476	Mr Neil Thomson	na	2
1439	Mrs Ann Koeslag	WC	2
1125	Liz Komen	na	2
1121	Mr Frik du Plooy	GP	2

**Table 10.** The most frequently recovered species for the 2014 ringing year

	Species	Count
Terrestrial	Sociable (Social) Weaver	150
	Southern Red (Red) Bishop	8
	Egyptian Goose	5
	Dark-capped (Black-eyed) Bulbul	5
	Cape Robin-Chat	5
	Southern Masked-Weaver	5
	Laughing (Palm) Dove	4
	Crested Barbet	3
	Kurrichane Thrush	3
	Cape Sparrow	3
	Village (Spotted-backed) Weaver	3
Marine	Red-headed Finch	3
	Blue Waxbill	3
	Karoo Thrush (split)	3
	Hadeda Ibis	2
	Kelp Gull	41
	Swift (Great Crested) Tern	17
	Cape Gannet	15
	Common Tern	8
	Hartlaub's Gull	3
	Tristan Albatross	3
	Cape Cormorant	2
Raptor	Light-mantled Albatross (Mollymawk)	2
	Southern Giant-Petrel	1
	European Storm-Petrel	1
	Barn Owl	7
	Martial Eagle	5
	Southern Pale Chanting Goshawk	4
	Steppe (Common) Buzzard	3
Black Sparrowhawk (Goshawk)	3	

**Table 11.** Causes of bird mortality for the 2014 ringing year

Condition	Total
No other information	268
Carcass: found beached, cause of death unknown	23
Died: cause of death unknown	15
Collision: with a window	12
Killed or attacked by: domestic cat	11
Carcass: dead less than one week, cause of death unknown	10
Died: electrocuted	9
Collision: with motor vehicle (or found next to road)	7
Collision: with a fence, line or wire	6
Sick or injured: subsequently died	5
Died: drowned	5
Killed or attacked by: domestic dog	4
Shot: no reason given	3
Sick or Injured: no other information	3
Died: of natural cause	3

**Table 12.** Foreign retraps and recoveries for the 2014 ringing year

<b>1011301</b>	<b>Brown (Common) Noddy (<i>Anous stolidus</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	Nestling/Pulli	Portugal Bird Centre
2006-08-16	0412S5539E	Seychelles
<b>Retrap record</b>	Adult plumage	Ms L Hart
2014-08-10	0421S5538E	Seychelles
<b>1084595</b>	<b>Sandwich Tern (<i>Sterna sandvicensis</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	1 to 2 year	Dutch Bird Ringing Centre
1997-08-05	5317N0508E	Netherlands
<b>Retrap record</b>	Adult plumage	Unknown
2014-06-05	5432N0830E	Germany
<b>13234163</b>	<b>Northern Giant-Petrel (<i>Macronectes halli</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	Nestling/Pulli	Austr. Bird & Bat Scheme
2011-01-16	5430S15855E	Australia
<b>Retrap record</b>	Juvenile	Unknown
2014-01-14	3408S1824E	Western Cape
<b>13236355</b>	<b>Northern Giant-Petrel (<i>Macronectes halli</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	Nestling/Pulli	Austr. Bird & Bat Scheme
2012-01-12	5430S15855E	Australia
<b>Recovery</b>	Adult plumage	Unknown, xx
2014-05-24	3427S2051E	Western Cape
<b>133220783</b>	<b>Arctic Tern (<i>Sterna paradisaea</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	1 to 2 year	USA Bird Banding Laboratory
2011-06-20	4355N6845W	United States
<b>Recovery</b>	Adult plumage	Unknown
2014-05-03	2909S3008E	Kwa-Zulu Natal
<b>1425876</b>	<b>Black-browed Albatross (<i>Thalassarche melanophris</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	Adult plumage	Unknown
2007-11-02	5400S3803W	Oceanic Island
<b>Retrap record</b>	Adult plumage	Unknown
2014-05-07	2836S1432E	Ocean off SA Coast
<b>2669653</b>	<b>European Storm-Petrel (<i>Hydrobates pelagicus</i>)</b>	<b>Sex: Unknown</b>
<b>Ringing record</b>	Adult plumage	British Trust for Ornithology
2012-07-26	5921N0226W	Great Britain
<b>Recovery</b>	Adult plumage	Unknown
2014-07-21	5901N0233W	United Kingdom

<b>3T436</b>	<b>White Stork (<i>Ciconia ciconia</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Nestling/Pulli	Helgoland Ringing Centre
2014-06-24	5401N0922E	Germany
<b>Retrap record</b>	1/2 to 1 year	Mr W Nesper
2014-12-22	2542S2757E	Gauteng
<b>4594400</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Immature	Swedish Bird Ringing Centre
2011-08-24	5612N1624E	Sweden
<b>Recovery</b>	0 to 1/2 year	Swedish Bird Ringing Centre
2014-03-26	3247S1808E	Western Cape
<b>7E3492</b>	<b>Barn (European) Swallow (<i>Hirundo rustica</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	1 to 2 year	Hungarian Bird Ringing Centre
2013-08-29	4654N1751E	Hungary
<b>Retrap record</b>	2 to 3 year	Unknown
2014-01-09	1501S2807E	Zambia
<b>AT055395</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Nestling/Pulli	Finnish Bird Ringing Centre
1980-07-13	6144N2654E	Finland
<b>Retrap record</b>	Adult plumage	Mr M Boorman
2014-03-09	2258S1426E	Namibia
<b>AT143408</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Juvenile	Finnish Bird Ringing Centre
2013-07-12	6014N2340E	Finland
<b>Retrap record</b>	Immature	Mr M Boorman
2014-01-29	2235S1432E	Namibia
<b>AT160040</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Juvenile	Finnish Bird Ringing Centre
2007-07-30	6122N2816E	Finland
<b>Recovery</b>	Adult plumage	SANCCOB
2014-03-23	3245S1810E	Western Cape
<b>AT215737</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Juvenile	Finnish Bird Ringing Centre
2007-07-10	6105N2807E	Finland
<b>Retrap record</b>	Adult plumage	Mr M Boorman
2014-01-29	2235S1432E	Namibia
<b>AT241410</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Juvenile	Finnish Bird Ringing Centre
2013-07-29	5958N2434E	Finland
<b>Retrap record</b>	Adult plumage	SANCCOB
2014-03-23	3248S1811E	Western Cape
<b>AT55395</b>	<b>Common Tern (<i>Sterna hirundo</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Juvenile	Finnish Bird Ringing Centre
1980-07-13	6144N2654E	Finland
<b>Retrap record</b>	Adult plumage	Mr M Boorman
2014-03-09	2258S1426E	Namibia
<b>CF37212</b>	<b>Black-browed Albatross (<i>Thalassarche melanophris</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Adult plumage	French Bird Ringing Centre
1998-01-01	4921S7047E	Oceanic Island
<b>Retrap record</b>	Adult plumage	Unknown
2014-06-01	14112S3843E	Oceanic Island
<b>CF40639</b>	<b>Black-browed Albatross (<i>Thalassarche melanophris</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Adult plumage	French Bird Ringing Centre
2005-11-04	4921S7047E	Oceanic Island
<b>Retrap record</b>	Adult plumage	Unknown
2014-06-01	14118S3841E	Oceanic Island
<b>DD76892</b>	<b>Sandwich Tern (<i>Sterna sandvicensis</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Nestling/Pulli	British Trust for Ornithology
2013-07-12	5536N0140W	Great Britain
<b>Retrap record</b>	1 to 2 year	Unknown
2014-06-29	2236S1431E	Namibia
<b>DD92425</b>	<b>Sandwich Tern (<i>Sterna sandvicensis</i>)</b>	<b>Sex: Unknown</b>
<b>Ringling record</b>	Nestling/Pulli	British Trust for Ornithology
2013-07-17	5536N0140W	Great Britain
<b>Retrap record</b>	1 to 2 year	British Trust for Ornithology
2014-06-29	2236S1431E	Namibia
<b>DZ25706</b>	<b>Whitechinned Petrel (pre-split) (<i>Procellaria</i>)</b>	<b>Sex: Unknown</b>

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	<i>aequinoctialis</i>		
	<b>Ringling record</b>	Adult plumage	French Bird Ringing Centre
	2013-11-29	4923S6955E	Oceanic Island
	<b>Recovery</b>	Adult plumage	Unknown
	2014-05-14	2251S1304E	Oceanic Island
<b>GG8536</b>	<b>Steppe (Common) Buzzard (<i>Buteo buteo</i>) Sex: Unknown</b>		
	<b>Ringling record</b>	2 to 3 year	Israel Bird Ringing Centre
	2012-05-12	3136N3453E	Israel
	<b>Recovery</b>	Older	Unknown
	2014-09-15	2302S2930E	Limpopo
<b>PL00680</b>	<b>Sandwich Tern (<i>Sterna sandvicensis</i>) Sex: Unknown</b>		
	<b>Ringling record</b>	Nestling/Pulli	Institute for Ornithology, Poland
	2013-07-21	5421N1857E	Poland
	<b>Retrap record</b>	1/2 to 1 year	Mr M Boorman
	2014-06-24	2236S1432E	Namibia
<b>Z330138</b>	<b>Barn (European) Swallow (<i>Hirundo rustica</i>) Sex: Unknown</b>		
	<b>#N/A</b>	#N/A	#N/A
	#N/A	#N/A	#N/A
	<b>Retrap record</b>	1 to 2 year	Mr J Van Rooyen
	2014-12-20	2557S2728E	Gauteng

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