

white-backed vulture, *Gyps africanus*

North American Regional Studbook

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Natural History

Description

Adult birds weigh 4.2-7.2 kilograms and have an average wingspan of 2.2 meters, with females typically slightly larger than males. Adult plumage is brownish buff overall with blackish-brown flight feathers and tail, light wing linings, a light neck ruff and a patch of white feathers over the lower back that is not visible when the wings are folded. The bill is long and powerful. The coracoid patches are dark. The skin of the head is black and sparsely covered with pale down. The eye is dark brown and the feet and legs are blackish. Juveniles are darker overall and lack the light ruff color and white rump patch which begin to appear in the fourth year. Adult plumage is attained by six to seven years of age.

Range

The species is found throughout most of sub-Saharan Africa.

Habitat

White backed vultures are found in most habitats, including savannah, open woodland, riparian and open swamp, but not in dense forest or desert.

Feeding

Carrion is the sole diet, with large carcasses preferred. These vultures spend much of their day soaring in search of carcasses, often following other scavengers such as hooded vultures, juvenile bateleurs and Rüppell's vultures. Competition over food with conspecifics and other scavengers is vigorous, with fights common but injuries rare.

Behavior

White-backed vultures are highly gregarious, roosting and feeding in large groups. They are not migratory but must forage over large areas and may follow their food supply. Vultures rely on thermal updrafts of air in order to soar and glide, typically not becoming active until late morning when the air is warm enough to rise. Vocalizations are limited to a variety of chattering and squealing, with much cackling among birds at the carcass and hissing from dominant birds. Roosting is exclusively in large trees, preferably those that are relatively bare to afford a view of the surrounding area.

Nesting

The species breeds in loose colonies of five to twenty pairs and occasionally singly. Displays consist primarily of the pair circling together over the nesting area. A single white egg is laid in a relatively small, shallow nest of sticks, lined with grasses and leaves, built in the crown or a sturdy fork of the tree 5-50 meters above the ground. Incubation is done primarily by the female and lasts 56 days. The male provisions her during incubation and the early nestling period until the chick's needs are such that both parents must forage to meet them. Chicks fledge at 120-130 days but continue to remain dependent on the parents for several months until they are able to compete effectively at the carcass.

Status and Conservation

Although the wild population is estimated at 270,000 birds, the white-backed vulture is now listed as endangered by IUCN due to the rapid decline in the population across its extensive range in central and southern Africa. Over an estimated 3 generations, or 55 years, the population has decreased by more than 50% overall and more than 90% in West Africa due to multiple serious threats.

In addition to habitat loss to farming and ranching and significant reductions in populations of large mammals on which the birds feed, vultures are increasingly subjected to poisoning, both unintentional from carcasses dosed by landowners to destroy mammal scavengers, and intentional from elephant and rhino carcasses laced with agricultural pesticides by poachers to avoid detection of their activities. In West Africa, the use of vulture parts for traditional medicine and cultural practices intended to bring good luck is widespread and has become commercialized. As with large birds all over the world, collision with power lines is a significant cause of mortality. An additional threat may be posed by the use of the drug Diclofenac, which is used in veterinary medicine to treat livestock but is highly toxic to vultures and has therefore resulted in the near-extinction of 3 species of vultures in India and neighboring countries.

Bibliography

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Scope of the Studbook

This third edition of the white-backed vulture (formerly African white-backed vulture), *Gyps africanus*, studbook contains data reported by institutions in the North American region. The data are current through 01 January 2015. This population will be managed as a Red SSP through the Association of Zoos and Aquariums (AZA).

Conventions

Hatch Date – Unknown hatch dates are estimated as 01 January of the year preceding the first documented event, usually transfer to an institution, unless otherwise noted by the receiving institution. For individuals known to be in adult plumage when received, the hatch date estimate is 01 January of the fifth year preceding the first documented event. Both of these conventions record a minimum age for the individuals in question.

Parentage – The first captive breeding of this species in North America is recorded to have occurred in 1994. Individuals that came into the population prior to this date from unknown sources are presumed to have been wild-caught and both parents are listed as “WILD”.

Capture Date – Unknown capture dates are estimated as the beginning of the third month prior to the first documented event, usually transfer to an institution, unless otherwise noted by the receiving institution. This convention assumes that a minimum of three months is required for processing and quarantine prior to transfer to the receiving institution.

Transfer Date to a Vendor – Unknown transfer dates to vendors are estimated to be the same as the capture date.

Transfers – Ownership status and changes in ownership are not recorded in the studbook. Transfers refer only to a physical change of location.

Rearing – Wild-caught birds are presumed to have been parent-reared unless information to the contrary is provided by the reporting institution. All others are listed with the rearing method (parent, foster, hand or unknown) provided by the reporting institution.

AZA Studbook Disclaimer

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The information contained in this studbook has been obtained from numerous sources believed to be reliable. AZA and the Los Angeles Zoo and Botanical Gardens make a diligent effort to provide a complete and accurate representation of the data in its reports, publications and services. However, AZA and the Los Angeles Zoo and Botanical Gardens do not guarantee the accuracy, adequacy or completeness of any information. AZA and the Los Angeles Zoo and Botanical Gardens make no warranties or representations of any kind, express or implied, including but not limited to warranties of merchantability of fitness for a particular purpose. AZA and the Los Angeles Zoo and Botanical Gardens disclaim all liability for errors or omissions that may exist and shall not be liable for any incidental, consequential or other damages (whether resulting from negligence or otherwise) including, without limitation, exemplary damages or lost profits arising out of or in connection with the use of this publication.

Because the technical information provided in the studbook can easily be misread or misinterpreted unless properly analyzed, AZA and the Los Angeles Zoo and Botanical Gardens strongly recommend that users of this information consult with the Studbook Keeper in all matters related to data analysis and interpretation.

Data Field Descriptions

Stud # ≡ A unique studbook number has been assigned to each individual in the population. To the extent possible, individuals are listed in chronological order by date of hatch.

Sex ≡ Gender is coded as “M” for male, “F” for female and “?” for unknown.

Hatch Date ≡ Hatch date is actual or estimated (as indicated by the symbol “~”) to day, month or year.

Sire ≡ The male parent’s studbook number is listed for captive-bred individuals. “WILD” is listed for wild-caught individuals and “UNK” is listed for individuals of unknown origin.

Dam ≡ The female parent’s studbook number is listed for captive-bred individuals. “WILD” is listed for wild-caught individuals and “UNK” is listed for individuals of unknown origin.

Location ≡ The ISIS mnemonic is listed for the location of each event. The complete institutional name and contact information, if known, is listed in the Location Glossary.

Date ≡ The date of each event is listed.

Local ID ≡ The institutional accession number or other institutional identification code is listed.

Event ≡ The type of event is listed.

Rearing ≡ The rearing method is described as either “parent”, “hand”, “foster” or “unknown”.

Tag / Band ≡ The most recently recorded tag or band is listed. Tag and band locations are not shown but are in the studbook database, as are additional tags and bands.

Name ≡ The most recently recorded institutional house name is listed. Previously used names are not shown but are in the studbook database.

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Historical Listing

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Tag/Band	Name
1	?	~ 1924	WILD	WILD	AFRICAN JOSEPH E PHILADELP	~ 1925 ~ 1925 9 Jul 1925 15 May 1926	NONE NONE 22176	Capture Transfer Transfer Death	Parent		
2	M	~ 1924	WILD	WILD	AFRICAN JOSEPH E PHILADELP	~ 1925 ~ 1925 9 Jul 1925 5 Jan 1939	NONE NONE 22177	Capture Transfer Transfer Death	Parent		
3	M	~ 1927	WILD	WILD	AFRICAN JOSEPH E PHILADELP	~ 1928 ~ 1928 11 Sep 1928 12 Dec 1951	NONE NONE 22178	Capture Transfer Transfer Death	Parent		
4	M	~ 1966	WILD	WILD	AFRICAN UNKNOWN W PALM BE	~ 1966 ~ 1966 1 Jan 1967 29 Apr 1999	NONE UNK 950039	Capture Transfer Transfer Death	Parent		ORANGE
5	F	~ 1966	WILD	WILD	AFRICAN UNKNOWN W PALM BE	~ 1966 ~ 1966 ~ 1966 9 Feb 1989	NONE UNK 950045	Capture Transfer Transfer Death	Parent		YELLOW
6	F	~ 1966	WILD	WILD	AFRICAN UNKNOWN W PALM BE	~ 1966 ~ 1966 1 Jan 1967 14 Oct 1988	NONE UNK 950046	Capture Transfer Transfer Death	Parent		
7	F	~ 1973	WILD	WILD	AFRICAN FERNDAL METROZOO	~ 1977 ~ 1977 31 Jan 1978 4 Jan 1997	NONE UNK 147	Capture Transfer Transfer Death	Parent		1707
8	M	~ 1973	WILD	WILD	AFRICAN FERNDAL METROZOO	~ 1977 ~ 1977 31 Jan 1978 28 Jan 1986	NONE UNK 148	Capture Transfer Transfer Death	Parent		1708
9	F	~ 1977	WILD	WILD	E.AFRICA GRAND PRA KINGS ISL	~ 1978 ~ 1978 7 Apr 1978 22 Apr 1986	NONE UNK 3090	Capture Transfer Transfer Death	Parent		LIGHT BROWN
10	M	~ 1977	WILD	WILD	E.AFRICA GRAND PRA KINGS ISL FERNDAL	~ 1978 ~ 1978 7 Apr 1978 18 Jul 1989	NONE UNK 3091 UNK ltf	Capture Transfer Transfer Transfer	Parent		RED
11	M	~ 1977	WILD	WILD	E.AFRICA GRAND PRA KINGS ISL	~ 1978 ~ 1978 7 Apr 1978 20 May 1988	NONE UNK 3092	Capture Transfer Transfer Death	Parent		LIGHT BLUE
12	?	~ 1977	WILD	WILD	E.AFRICA GRAND PRA KINGS ISL	~ 1978 ~ 1978 7 Apr 1978 19 Jul 1979	NONE UNK 3093 3093	Capture Transfer Transfer Release	Parent		GREEN
13	F	~ 1977	WILD	WILD	E.AFRICA GRAND PRA KINGS ISL	~ 1978 ~ 1978 7 Apr 1978 3 Sep 1988	NONE UNK 3141	Capture Transfer Transfer Death	Parent		PURPLE

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Historical Listing

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Tag/Band	Name
14	F	~ 1978	WILD	WILD	KENYA	~ 1983	NONE	Capture	Parent	F64	
					FERNDALE	~ 1983	UNK	Transfer			
					KANSASCTY	5 Aug 1983	201152	Transfer			
					METROZOO	8 Oct 1987	A02077	Transfer			
					DALLAS	12 Feb 1992	927472	Transfer			
					16 Oct 1993		Death				
15	M	~ 1978	WILD	WILD	KENYA	~ 1983	NONE	Capture	Parent	F67	
					FERNDALE	~ 1983	UNK	Transfer			
					KANSASCTY	5 Aug 1983	201153	Transfer			
						21 May 1987		Death			
16	M	~ 1978	WILD	WILD	KENYA	~ 1983	NONE	Capture	Parent	1641	
					FERNDALE	~ 1983	UNK	Transfer			
					KANSASCTY	5 Aug 1983	201154	Transfer			
					METROZOO	8 Oct 1987	A02076	Transfer			
17	F	~ 1979	WILD	WILD	KENYA	~ 1983	NONE	Capture	Parent	F68	
					FERNDALE	~ 1983	UNK	Transfer			
					KANSASCTY	5 Aug 1983	201155	Transfer			
					METROZOO	8 Oct 1987	A02078	Transfer			
					9 Oct 1993		Death				
18	F	~ 1980	WILD	WILD	AFRICAN	~ 1981	NONE	Capture	Parent	689	POLLY
					FERNDALE	~ 1981	UNK	Transfer			
					BUSCH TAM	29 Oct 1981	55173	Transfer			
					7 Dec 2007		Death				
19	F	~ 1980	WILD	WILD	AFRICAN	~ 1981	NONE	Capture	Parent	688	ESTHER
					FERNDALE	~ 1981	UNK	Transfer			
					BUSCH TAM	29 Oct 1981	55174	Transfer			
						1 May 2013		Death			
20	?	~ 1980	WILD	WILD	AFRICAN	~ 1981	NONE	Capture	Parent	201	
					FERNDALE	~ 1981	UNK	Transfer			
					BUSCH TAM	29 Oct 1981	201	Transfer			
						30 Apr 1983		Death			
21	F	~ 1980	WILD	WILD	AFRICAN	~ 1981	NONE	Capture	Parent	240	
					FERNDALE	~ 1981	UNK	Transfer			
					BUSCH TAM	29 Oct 1981	240	Transfer			
						28 Jan 1983		Death			
22	?	~ 1980	WILD	WILD	AFRICAN	~ 1981	NONE	Capture	Parent	239	
					FERNDALE	~ 1981	UNK	Transfer			
					BUSCH TAM	29 Oct 1981	239	Transfer			
						6 Aug 1982		Death			
23	M	~ 1980	WILD	WILD	E.AFRICA	~ 1983	NONE	Capture	Parent	2876	
					FERNDALE	~ 1983	UNK	Transfer			
					CLEVELAND	30 Sep 1983	830908	Transfer			
						7 Feb 1998		Death			
24	M	~ 1980	WILD	WILD	E.AFRICA	~ 1983	NONE	Capture	Parent	2877	
					FERNDALE	~ 1983	UNK	Transfer			
					CLEVELAND	30 Sep 1983	830909	Transfer			
						19 Oct 2010		Death			
25	M	~ 1980	WILD	WILD	E.AFRICA	~ 1983	NONE	Capture	Parent	116	
					FERNDALE	~ 1983	UNK	Transfer			
					CLEVELAND	30 Sep 1983	830910	Transfer			
						3 Feb 1998		Death			
26	M	~ 1980	WILD	WILD	E.AFRICA	~ 1983	NONE	Capture	Parent	CMZ 273, BLUE	
					FERNDALE	~ 1983	UNK	Transfer			
					CLEVELAND	30 Sep 1983	830911	Transfer			
						2 Feb 1998		Death			

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Historical Listing

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Tag/Band	Name
27	F	~ 1980	WILD	WILD	E.AFRICA FERNDAL CLEVELAND	~ 1983 ~ 1983 30 Sep 1983 24 Nov 2011	NONE UNK 830912	Capture Transfer Transfer Death	Parent	CMZ 115,	RED
28	M	~ 1980	WILD	WILD	E.AFRICA FERNDAL CLEVELAND	~ 1983 ~ 1983 30 Sep 1983 10 Jan 1993	NONE UNK 830913	Capture Transfer Transfer Death	Parent	CZ 64	
29	F	~ 1980	WILD	WILD	E.AFRICA FERNDAL CLEVELAND	~ 1983 ~ 1983 30 Sep 1983 19 Dec 2010	NONE UNK 830914	Capture Transfer Transfer Death	Parent	CMZ 108,	RED
30	M	~ 1980	WILD	WILD	E.AFRICA FERNDAL CLEVELAND	~ 1983 ~ 1983 30 Sep 1983 1 Feb 2011	NONE UNK 830915	Capture Transfer Transfer Death	Parent	NONE	
31	M	~ 1980	WILD	WILD	E.AFRICA FERNDAL CLEVELAND	~ 1983 ~ 1983 30 Sep 1983 1 Feb 1998	NONE UNK 830916	Capture Transfer Transfer Death	Parent	CMZ 270,	BLUE
32	M	~ 1980	WILD	WILD	E.AFRICA FERNDAL CLEVELAND	~ 1983 ~ 1983 30 Sep 1983 9 Feb 1998	NONE UNK 830917	Capture Transfer Transfer Death	Parent	CMZ 104,	RED
33	F	~ 1981	WILD	WILD	TANZANIA FOUTS J SD-WAP	~ 1982 ~ 1982 12 Jun 1984 26 Oct 1990	NONE UNK 027084	Capture Transfer Transfer Death	Parent		
34	M	~ 1983	WILD	WILD	TANZANIA FERNDAL SD-WAP	~ 1984 ~ 1984 12 Jun 1984 8 Nov 1994	NONE UNK 019070	Capture Transfer Transfer Death	Parent	WAP28-108	
35	F	~ 1983	WILD	WILD	AFRICAN FERNDAL SD-WAP	~ 1984 ~ 1984 12 Jun 1984 18 Dec 1985	NONE UNK 019071	Capture Transfer Transfer Death	Parent	0019,	YELLOW
36	F	~ 1983	WILD	WILD	TANZANIA FOUTS J SD-WAP	~ 1984 ~ 1984 1 Feb 1985 26 Oct 1990	NONE UNK 027087	Capture Transfer Transfer Death	Parent	WAP28-127	
37	F	~ 1983	WILD	WILD	TANZANIA FOUTS J SD-WAP	~ 1984 ~ 1984 1 Feb 1985 13 Apr 1985	NONE UNK 027119	Capture Transfer Transfer Death	Parent	28-19	
38	F	~ 1983	WILD	WILD	TANZANIA FOUTS J SD-WAP METROZOO	~ 1984 ~ 1984 1 Feb 1985 13 May 2004	NONE UNK 027120 B40125	Capture Transfer Transfer Transfer	Parent	WAP28-191	
39	M	~ 1983	WILD	WILD	TANZANIA FOUTS J SD-WAP	~ 1984 ~ 1984 1 Feb 1985 10 Apr 1987	NONE UNK 027121	Capture Transfer Transfer Death	Parent		
40	M	~ 1983	WILD	WILD	TANZANIA FOUTS J SD-WAP	~ 1984 ~ 1984 1 Feb 1985 8 Dec 2002	NONE UNK 027122	Capture Transfer Transfer Death	Parent	WAP28-126	

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Historical Listing

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Tag/Band	Name
41	M	~ 1984	WILD	WILD	AFRICAN NORTHLAND DETROIT	~ 1985 ~ 1985 4 Jun 1985 31 Mar 1986	NONE UNK 1477	Capture Transfer Transfer Death	Parent	27	
42	M	~ 1984	WILD	WILD	AFRICAN NORTHLAND DETROIT GLEN OAK	~ 1985 ~ 1985 4 Jun 1985 12 Nov 1991 29 Nov 1991	NONE UNK 1478 18001	Capture Transfer Transfer Death	Parent	E-14	
43	?	~ 1984	WILD	WILD	AFRICAN ZOO IMPRT COLUMBUS	~ 1985 ~ 1985 15 Jul 1985 27 Feb 1987	NONE UNK 851509	Capture Transfer Transfer Death	Parent		
44	F	~ 1984	WILD	WILD	AFRICAN ZOO IMPRT COLUMBUS	~ 1985 ~ 1985 15 Jul 1985 1 Feb 1991	NONE UNK 851510	Capture Transfer Transfer Death	Parent		
45	M	~ 1985	WILD	WILD	AFRICAN FERNDAL SANDIEGOZ SD-WAP	~ 1986 ~ 1986 11 Mar 1987 13 Apr 1987 27 Apr 1993	NONE 14813 387127 387127	Capture Transfer Transfer Death	Parent	KCZOO-F66	
46	M	~ 1985	WILD	WILD	AFRICAN WORLDBIRD SANDIEGOZ SD-WAP	~ 1986 ~ 1986 2 May 1987 2 Jun 1987 31 Dec 1987	NONE UNK 387356 387356	Capture Transfer Transfer Death	Parent	WAP28-85	NIGEL
47	F	~ 1985	WILD	WILD	TANZANIA ALENTADO SD-WAP SAN ANTON	~ 1987 ~ 1987 23 Dec 1987 9 Apr 1990 16 Jan 2002	NONE UNK 887295 901471	Capture Transfer Transfer Death	Parent	WAP28-98	
48	M	~ 1986	WILD	WILD	AFRICAN DALLAS	17 Jan 1987 17 Jan 1987 1 Sep 1995	NONE 874867	Capture Transfer Death	Parent	1038,METAL	LEFTY
49	?	~ 1986	WILD	WILD	AFRICAN DALLAS	17 Jan 1987 17 Jan 1987 24 Feb 1991	NONE 874868	Capture Transfer Death	Parent	1062,METAL	
50	M	~ 1986	WILD	WILD	AFRICAN WORLDBIRD MINNESOTA	~ 1987 ~ 1987 22 May 1987 24 Nov 1990	NONE UNK 5197	Capture Transfer Transfer Death	Parent		HIGGINS
51	F	~ 1986	WILD	WILD	AFRICAN UNKNOWN CLEVELAND	~ 1987 ~ 1987 9 Oct 1987 3 Feb 1998	NONE UNK 871090	Capture Transfer Transfer Death	Parent	CMZ 103,	RED
52	F	~ 1987	WILD	WILD	AFRICAN BELLBIRD DETROIT GLEN OAK WORLDBIRD	~ 1988 ~ 1988 5 Oct 1988 12 Nov 1991 9 Dec 1993	NONE UNK 2656 18002 UNK	Capture Transfer Transfer Transfer lft	Parent		
53	M	~ 1987	WILD	WILD	AFRICAN BELLBIRD BALTIMORE JOHN BALL	~ 1988 ~ 1988 28 Oct 1988 27 Sep 1996	NONE UNK 88778 301839	Capture Transfer Transfer Transfer	Parent		

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Historical Listing

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Tag/Band	Name
54	M	~ 1987	WILD	WILD	AFRICAN BELLBIRD BALTIMORE	~ 1988 ~ 1988 28 Oct 1988 17 May 1989	NONE UNK 88779	Capture Transfer Transfer Death	Parent	4646	
55	M	~ 1987	WILD	WILD	AFRICAN BELLBIRD BALTIMORE BUSCH TAM	~ 1988 ~ 1988 28 Oct 1988 8 Aug 2000 18 Jan 2010	NONE UNK 88780 61058	Capture Transfer Transfer Death	Parent	4647	
56	F	~ 1987	WILD	WILD	AFRICAN BELLBIRD BALTIMORE	~ 1988 ~ 1988 28 Oct 1988 28 Oct 1998	NONE UNK 88781	Capture Transfer Transfer Death	Parent	4648	
57	M	~ 1987	WILD	WILD	TANZANIA FERNDAL SAN ANTON SD-WAP	~ 1988 ~ 1988 16 Dec 1988 22 Aug 1990 2 Jan 1993	NONE UNK 881235 890308	Capture Transfer Transfer Transfer Death	Parent	WAP142	
58	M	~ 1987	WILD	WILD	TANZANIA FERNDAL SAN ANTON	~ 1988 ~ 1988 16 Dec 1988 25 Jun 2010	NONE UNK 881236	Capture Transfer Transfer Death	Parent	BLUE	
59	F	~ 1988	WILD	WILD	AFRICAN UNKNOWN BUSCH TAM BALTIMORE JOHN BALL	~ 1989 ~ 1989 12 Oct 1989 9 Sep 1993 27 Aug 1996 11 Apr 2013	NONE UNK 55175 930649 301840	Capture Transfer Transfer Transfer Transfer Death	Parent		
60	?	~ 1989	WILD	WILD	AFRICAN BELLBIRD DALLAS	~ 1989 ~ 1989 10 Jan 1990 10 Jan 1990	NONE UNK 906685	Capture Transfer Transfer Death	Parent		
61	?	27 Feb 1994	25	27	CLEVELAND MINNESOTA SD-WAP	27 Feb 1994 29 Nov 1995 7 Apr 1999 27 Sep 2001	940210 8637 899072	Hatch Transfer Transfer Death	Hand	CMZ303,GRN	VICTOR
62	M	10 Mar 1994	30	29	CLEVELAND MINNESOTA SD-WAP METROZOO BUSCH TAM	10 Mar 1994 29 Nov 1995 7 Apr 1999 13 May 2004 6 Dec 2010	940305 8638 899073 B40124 64793	Hatch Transfer Transfer Transfer Transfer	Hand	WAP28-36	GOOBER
63	M	~ 1998	WILD	WILD	AFRICAN EAGLEH CALGARY	~ 1999 ~ 1999 4 Nov 1999 24 May 2001	NONE UNK 104707	Capture Transfer Transfer Death	Parent		LURCH
64	F	~ 1998	WILD	WILD	AFRICAN EAGLEH CALGARY	~ 1999 ~ 1999 4 Nov 1999 20 Apr 2004	NONE UNK 104708	Capture Transfer Transfer Death	Parent		MORTICIA
65	M	~ 2000	WILD	WILD	GUINEA BESTER PITTS CA DALLAS	~ 2006 ~ 2006 28 Sep 2006 28 Sep 2006	NONE UNK 7492 06G880	Capture Transfer Transfer Transfer	Parent	PINK	
66	F	~ 2003	WILD	WILD	S.AFRICA PRET DW CLEVELAND	~ 2004 ~ 2004 1 Sep 2004	NONE G24296 M40940	Capture Transfer Transfer	Parent	G24296	

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Historical Listing

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Tag/Band	Name
67	M	~ 2003	WILD	WILD	S.AFRICA PRET DW CLEVELAND	~ 2005 ~ 2005 1 Sep 2005	NONE G24295 M40941	Capture Transfer Transfer	Parent	G24295	
68	F	~ 2003	WILD	WILD	S.AFRICA PRET DW CLEVELAND	~ 2004 ~ 2004 1 Sep 2004	G24291 G24291 M40942	Capture Transfer Transfer	Parent	G24291	
69	M	~ 2003	WILD	WILD	S.AFRICA PRET DW CLEVELAND	~ 2004 ~ 2004 1 Sep 2004	G21350 G21350 M40943	Capture Transfer Transfer	Parent	G21350	
70	M	~ 2003	WILD	WILD	GUINEA BESTER PITTS CA JACKSONVL	~ 2006 ~ 2006 29 Sep 2006 29 Sep 2006 3 Nov 2011	NONE UNK 7494 606387 606387	Capture Transfer Transfer Transfer Release	Parent		HODARI
71	F	~ 2003	WILD	WILD	GUINEA BESTER PITTS CA JACKSONVL BOISE	~ 2006 ~ 2006 29 Sep 2006 29 Sep 2006 23 May 2013	NONE UNK 7495 606388 213031	Capture Transfer Transfer Transfer Transfer	Parent	DK 02 16	RAJA
72	F	~ 2005	WILD	WILD	GUINEA BESTER PITTS CA DALLAS	~ 2006 ~ 2006 28 Sep 2006 29 Sep 2006 28 Jan 2007	NONE UNK 7493 06G881 06G881	Capture Transfer Transfer Transfer Release	Parent	PURPLE	
73	M	2 Mar 1996	16	7	METROZOO BOISE	2 Mar 1996 9 May 2013	A03822 213029	Hatch Transfer	Parent	1809	
74	F	19 May 2008	WILD	WILD	TANZANIA HAEGER C DALLAS	19 May 2008 ~ Nov 2008 14 May 2009	NONE NONE 09J873	Hatch Capture Transfer	Parent		

TOTALS: 37.29.8 (74)

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Living Population By Location
living by 01 January 2015

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Stud # | Sex | Hatch Date | Sire | Dam | Location | Date | Local ID | Event | Rearing Tag/Band | Name
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Birmingham Zoo, Birmingham, AL, USA

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62 M 10 Mar 1994 30 29 CLEVELAND 10 Mar 1994 940305 Hatch Hand WAP28-36 GOOBER
MINNESOTA 29 Nov 1995 8638 Transfer
SD-WAP 7 Apr 1999 899073 Transfer
METROZOO 13 May 2004 B40124 Transfer
BIRMINGHM 11 Jul 2013 213050 Transfer
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Totals: 1.0.0 (1)

Zoo Miami, Miami, FL, USA

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16 M ~ 1978 WILD WILD KENYA ~ 1983 NONE Capture Parent 1641
FERNDAL E ~ 1983 UNK Transfer
KANSASCTY 5 Aug 1983 201154 Transfer
METROZOO 8 Oct 1987 A02076 Transfer

38 F ~ 1983 WILD WILD TANZANIA ~ 1984 NONE Capture Parent WAP28-191
FOUTS J ~ 1984 UNK Transfer
SD-WAP 1 Feb 1985 027120 Transfer
METROZOO 13 May 2004 B40125 Transfer
```

Totals: 1.1.0 (2)

Zoo Boise, Boise, ID, USA

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71 F ~ 2003 WILD WILD GUINEA ~ 2006 NONE Capture Parent DK 02 16 RAJA
BESTER ~ 2006 UNK Transfer
PITTS CA 29 Sep 2006 7495 Transfer
JACKSONVL 29 Sep 2006 606388 Transfer
BOISE 23 May 2013 213031 Transfer

73 M 2 Mar 1996 16 7 METROZOO 2 Mar 1996 A03822 Hatch Parent
BOISE 9 May 2013 213029 Transfer
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Totals: 1.1.0 (2)

John Ball Zoological Garden, Grand Rapids, MI, USA

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53 M ~ 1987 WILD WILD AFRICAN ~ 1988 NONE Capture Parent
BELLBIRD ~ 1988 UNK Transfer
BALTIMORE 28 Oct 1988 88778 Transfer
JOHN BALL 27 Sep 1996 301839 Transfer
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Totals: 1.0.0 (1)

Cleveland Metroparks Zoological Park, Cleveland, OH, USA

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66 F ~ 2003 WILD WILD S.AFRICA ~ 2004 NONE Capture Parent G24296
PRET DW ~ 2004 G24296 Transfer
CLEVELAND 1 Sep 2004 M40940 Transfer

67 M ~ 2003 WILD WILD S.AFRICA ~ 2005 NONE Capture Parent G24295
PRET DW ~ 2005 G24295 Transfer
CLEVELAND 1 Sep 2005 M40941 Transfer

68 F ~ 2003 WILD WILD S.AFRICA ~ 2004 G24291 Capture Parent G24291
PRET DW ~ 2004 G24291 Transfer
CLEVELAND 1 Sep 2004 M40942 Transfer

69 M ~ 2003 WILD WILD S.AFRICA ~ 2004 G21350 Capture Parent G21350
PRET DW ~ 2004 G21350 Transfer
CLEVELAND 1 Sep 2004 M40943 Transfer
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Totals: 2.2.0 (4)

AFRICAN WHITE-BACKED VULTURE, *Gyps africanus*, Studbook - Living Population By Location
 living by 01 January 2015

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Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Rearing Tag/Band	Name
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Dallas Zoo and Aquarium, Dallas, TX, USA

65	M	~ 2000	WILD	WILD	GUINEA	~ 2006	NONE	Capture	Parent	PINK
					BESTER	~ 2006	UNK	Transfer		
					PITTS CA	28 Sep 2006	7492	Transfer		
					DALLAS	28 Sep 2006	06G880	Transfer		
74	F	19 May 2008	WILD	WILD	TANZANIA	19 May 2008	NONE	Hatch	Parent	DZS033
					HAEGER C	~ Nov 2008	NONE	Capture		
					DALLAS	14 May 2009	09J873	Transfer		

Totals: 1.1.0 (2)

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TOTALS: 7.5.0 (12) - 6 Institutions

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AFRICAN AFRICAN REGION

BALTIMORE Baltimore Zoo
Druid Hill Park, Baltimore, MD, USA, 21217, (410)396-7102.

BELLBIRD Bellbird
Laguna Hills, CA, USA.

BESTER Bester Birds cc
P.O. Box 72378, Lynnwood Ridge 0040, TRANSVAAL, SOUTH AFRICA, 27 12 87 1266.

BIRMINGHM Birmingham Zoo
2630 Cahaba Road, Birmingham, AL, USA, 35223-1106, 205-879-0409

BOISE Zoo Boise
355 Julia Davis Drive, Boise, ID, USA, 83702-7670, 208-608-7760

BUSCH TAM Busch Gardens
3605 Bougainvillea Ave., Tampa, FL, USA, 33612, (813)987-5250.

CLEVELAND Cleveland Metroparks Zoological Park
3900 Wildlife Way, Cleveland, OH, USA, 44109, (216)661-6500.

DALLAS Dallas Zoo and Aquarium
650 South R.L. Thornton Freeway, Dallas, TX, USA, 75203-3013, (214)670-6826.

DETROIT Detroit Zoological Institute
8450 West Ten Mile Road, Royal Oak, MI, USA, 48067, (248)541-5717.

E.AFRICA EAST AFRICA
AFRICAN REGION.

FERNDAL International Animal Exchange Inc
130 E Nine Mile Rd., Ferndale, MI, USA, 48220, (248)398-6533.

FOUTS J Tanganyika Wildlife Company
P.O. Box 12084, Wichita, KS, USA, 67277, (316)794-2208/8305.

GLEN OAK Glen Oak Zoo
2218 N Prospect Rd., Peoria, IL, USA, 61603-2193, (309)686-3365.

GUINEA GUINEA
WEST AFRICA, African Region.

JACKSONVL Jacksonville Zoological Gardens
8605 Zoo Parkway, Jacksonville, FL, USA, 32218-5769, (904)757-4463.

JOHN BALL John Ball Zoological Garden
1300 W. Fulton St., Grand Rapids, MI, USA, 49504-6100, (616)336-4301.

KANSASCTY Kansas City Zoological Gardens
6700 Zoo Dr., Kansas City, MO, USA, 64132, (816)871-5700.

KENYA KENYA
EAST AFRICA, African Region.

METROZOO Miami Metrozoo
12400 SW 152nd St., Miami, FL, USA, 33177-1499, (305)251-0401.

MINNESOTA Minnesota Zoological Garden
13000 Zoo Blvd., Apple Valley, MN, USA, 55124-8199, (612)431-9200.

PITTS CA National Aviary in Pittsburgh
Allegheny Commons West, Pittsburgh, PA, USA, 15212, (412)323-7235.

PRET DW De Wildt Cheetah Res & Breeding Cntr
P.O. Box 16, De Wildt 0251, SOUTH AFRICA, 27 12 504 1921.

S.AFRICA SOUTH AFRICA
AFRICAN REGION.

SAN ANTON San Antonio Zool Garden & Aquarium
3903 N St Mary's St., San Antonio, TX, USA, 78212-3199, (210)734-7184.

SD-WAP San Diego Wild Animal Park
15500 San Pasqual Valey Rd., Escondido, CA, USA, 92027, (760)747-8702.

TANZANIA TANZANIA
EAST AFRICA, African Region.

UNKNOWN Unknown Location

WORLDBIRD Steve Martin Natural Encounters, Inc.
9014 Thompson Nursery Rd., Lake Wales, FL, USA, 33853, (941)439-0123.