

AZA Regional Studbook
Verreaux's Eagle Owl (*Bubo lacteus*)



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Current to Date

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INTRODUCTION

This is the sixth edition of the North American regional studbook for Verreaux's Eagle Owl (*Bubo lacteus*). This studbook contains records for living animals through 15 August 2015. I have recorded the information as it was given to me. Any errors or questions regarding information about any specimen should be reported to the studbook keeper at the address and phone number listed below.

I would like to acknowledge the contributions of the staff of the AZA Population Management Center at Lincoln Park Zoo, as well as thank Scott Tidmus (AZA Raptor TAG Chair) and the staff of the Dallas Zoo for their encouragement. Thanks to Rod Short for use of his photo on the cover. Finally, to all of the facilities participating in the conservation of raptors: thank you for your continued support!

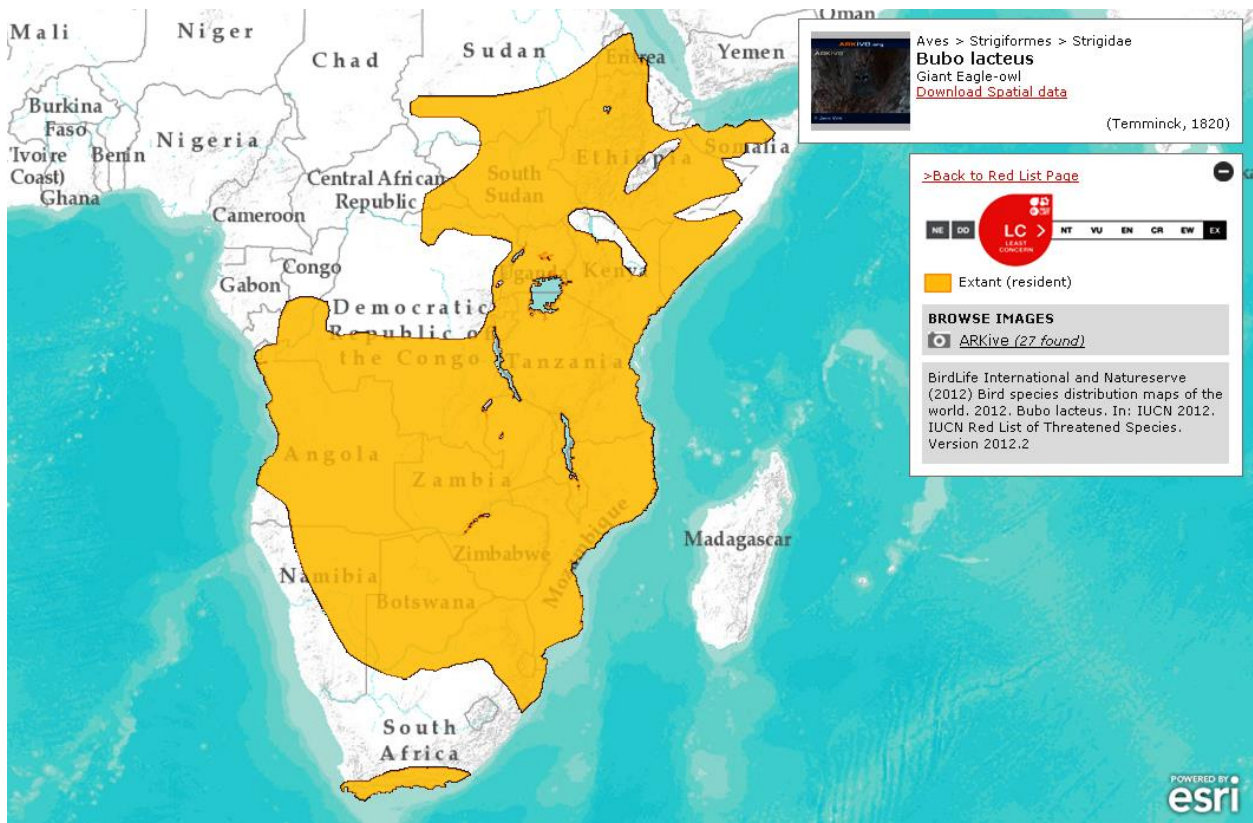
Sincerely,
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NATURAL HISTORY

Taxonomy & Range

Verreaux's Eagle Owl was originally described (as *Strix lactea*) by Temminck in 1820, based on a Senegalese type specimen. With no recognized subspecies, Verreaux's Eagle Owl inhabits open thorny savanna, riparian woodland, savannahs and semi-desert within a patchy range that includes parts of central Africa as well as the majority of eastern and southern Africa.



General Ecology

Weighing between 1.6 and 3.1 Kg, with a wingspan of up to 140 cm, Verreaux's Eagle Owl is Africa's largest owl species. Highly adaptable, Verreaux's Eagle Owls tend to be crepuscular or nocturnal, hunting a huge variety of prey from the air or an open perch. Diet consists of mammals (including primates, mongooses, hyraxes, hedgehogs, small antelope, young pigs, fruit bats and rodents), birds up to the size of herons (*Ardea*), raptors or secretary birds (*Sagittarius*), reptiles, and even insects (which may be caught on the wing).

Breeding Biology

Breeding at the age of three to four years, these owls tend to be monogamous, using the same nesting site year after year; Verreaux's Eagle Owls have been known to use nests built by other birds, nest in tree cavities, or on the ground. Two eggs are laid, with up to a seven-day laying interval, and incubated (almost exclusively by the female) for 32-39 days. White and fluffy at



hatch, owlets develop quickly, fledging at 63 days. Cainism is common in this species, with older young preying upon younger owlets. Juveniles of this species have been known to remain with parents for up to two years, and have been observed assisting in the rearing of subsequent broods (a behavior unusual among owls). Parents can be very aggressive within their nesting territory, but like many owls, may also be very sensitive to disturbance, potentially abandoning eggs or young when disturbed.

Present Status & Conservation Priorities

The Verreaux's Eagle Owl is not currently threatened with extinction (IUCN, 2014), with an estimated global range of over 11 million square kilometers. Eagle owls are,

however, subject to relatively high levels of commercial pressure, and are coveted by hobbyists; they have been listed on CITES Appendix II since June 1979 (CITES, 2014).

While the adaptability of this species has allowed them to make use of even altered habitats, human persecution remains among the most significant threats to their future well-being (Marcot, 2007; Virani & Watson, 1998). Negative superstitions about owls are pervasive throughout eastern and southern Africa; in one Malawi survey, 90% of respondents connected owls with bad luck, witchcraft and death (Enriquez & Mikkola, 1997). One in four respondents either had killed an owl or knew someone that had; reasons noted for killing an owl included "making magic medicine," "because they make too much noise," "to be eaten as a relish," and "because it was nesting too near the house." In follow-up surveys, few Malawi respondents had ever been exposed to owls in anything other than a negative context. Surveys in Costa Rica, where respondents were more familiar with owl biology as a result of visits to zoological parks, as well as greater access to television programming, indicated greater tolerance of the birds. Future educational initiatives may be crucial to this species' long-term survival.

Destruction of suitable habitat via agricultural conversion, and exposure to potentially harmful chemicals via pesticide applications continue to affect this species negatively (Keith & Bruggers, 1998). While Verreaux's Eagle Owl is common in some parts of the range, global population trends have not been quantified, and the species remains vulnerable to a host of potential threats, due in part to their position at the apex of African savanna food chains.

Despite protected status, no detailed data on wild populations exist. As is the case with many large raptors, efforts must be made to protect nesting territories (and potential territories) from additional development.

Notes on Verreaux's Eagle Owls in Captivity

The first recorded appearance of Verreaux's Eagle Owl in North American zoological collections occurred in September 1941, with the importation of 00.01.00 bird to the Bronx Zoo; the first successful North American captive hatch occurred at Riverbanks Zoo in April 1977.

This species has only been housed successfully in one mixed-species exhibit, in which 00.02.00 owls were housed with Palm-nut Vultures (*Gypohierax angolensis*). As of this studbook's publication, aggression from nesting vultures had necessitated removal of the owls. Due to this species' aggressive nature, they are not recommended for mixed-species exhibits; during nesting season, pairs may be particularly territorial, and protective gear may be required for animal care staff.

While the species was never historically housed in large numbers in North American collections, there is considerable interest in working with Verreaux's Eagle Owls in the future. Potential additional founder stock has been identified in European and South African collections; the addition of new bloodlines to the North American population would be particularly beneficial.

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LIVING POPULATION

11.08.02 (21) at 10 Institutions

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
ATLANTA – Zoo Atlanta; Atlanta, GA, USA										
19	2/1/1994	None	13	16	Male	Hatch	SANDIEGOZ	394008	2/1/1994	None
						Transfer	JACKSONVL	694057	10/12/1994	None
						Transfer	BALTIMORE	638	7/5/2000	None
						Transfer	ATLANTA	A50070	11/3/2005	None
20	4/21/1997	None	3	11	Female	Hatch	ANTWERP	12692	4/21/1997	None
						Transfer	JACKSONVL	699047	7/16/1999	None
						Transfer	BALTIMORE	639	7/5/2000	None
						Transfer	ATLANTA	A50071	11/3/2005	None
24	2/8/2006	None	19	20	Male	Hatch	ATLANTA	A60002	2/8/2006	None
47	1/19/2015	None	19	20	Unknown	Hatch	ATLANTA	15B001	1/31/2013	None
Totals: 2.1.1 (4)										
DALLAS – Dallas Zoo; Dallas, TX, USA										
28	3/26/2010	Day	19	20	Female	Hatch	ATLANTA	B00012	3/26/2010	Day
						Transfer	DALLAS	11L559	12/28/2011	None
30	2/7/2011	Day	19	20	Male	Hatch	ATLANTA	B00012	2/7/2011	Day
						Transfer	DALLAS	11L558	12/28/2011	None
Totals: 1.1.0 (2)										
FORTWORTH – Fort Worth Zoo; Fort Worth, TX, USA										
14	6/15/1986	Year	WILD	WILD	Male	Wild Capture	AFRICAN		1/26/1987	Unknown
						Transfer	ZOO IMPRT		1/27/1987	Unknown
						Transfer	DALLAS	874878	1/28/1987	None
						Transfer	CHICAGOBR	920051	3/26/1992	None
						Transfer	FORTWORTH	204506	5/16/2006	None
17	2/28/1992	Day	13	16	Female	Hatch	SANDIEGOZ	392032	2/28/1992	Day
						Transfer	CHICAGOBR	920245	9/30/1992	None
						Transfer	FORTWORTH	204507	5/16/2006	None
Totals: 1.1.0 (2)										
FT WAYNE – Fort Wayne Children’s Zoo; Fort Wayne, IN, USA										
18	3/20/1993	None	13	16	Female	Hatch	SANDIEGOZ	493040	3/20/1993	None
						Transfer	ST LOUIS	930701	7/1/1993	None
						Transfer	JACKSONVL	695054	8/8/1995	None
31	6/15/1984	Year	UNK	UNK	Unknown	Hatch	TEXAS		6/15/1984	Year
						Transfer	S PROVOST		6/15/2005	Unknown
						Transfer	ZOO IMPRT		6/15/2006	Year
						Transfer	FT WAYNE	98468	9/15/2011	None
Totals: 1.1.0 (2)										

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
JACKSONVL – Jacksonville Zoo; Jacksonville, FL, USA										
21	5/14/1997	None	3	11	Female	Hatch	ANTWERP	12718	5/14/1997	None
						Transfer	JACKSONVL	699046	7/16/1999	None
						Release	FLORIDA		1/8/2002	None
						Recapture	FLORIDA		2/5/2002	None
						Transfer	JACKSONVL	699046	2/5/2002	None
22	4/15/2003	None	19	20	Male	Hatch	BALTIMORE	3623	4/15/2003	None
						Transfer	FORTWORTH	202212	2/11/2004	None
						Transfer	FT WAYNE	98311	5/12/2010	None
Totals: 0.2.0 (2)										
MEMPHIS – Memphis Zoo; Memphis, TN, USA										
40	1/31/2013	None	19	20	Male	Hatch	ATLANTA	13B001	1/31/2013	None
						Transfer	MEMPHIS	UNK	9/16/2014	None
41	1/29/2014	None	19	20	Female	Hatch	ATLANTA	14B001	1/29/2014	None
						Transfer	MEMPHIS	14A069	9/16/2014	None
Totals: 1.1.0 (2)										
PORTLAND – Oregon Zoo; Portland, OR, USA										
38	2/6/2012	None	19	20	Female	Hatch	ATLANTA	12B001	2/6/2012	None
						Transfer	PORTLAND	B20067	5/2/2012	None
Totals: 0.1.0 (1)										
SD-WAP – San Diego Zoo's Safari Park; Escondido, CA, USA										
13	6/15/1986	Year	36	37	Male	Hatch	BERLIN TP		6/15/1986	Year
						Transfer	SANDIEGOZ		1/24/1992	Unknown
						Transfer	SD-WAP	387819	1/6/1998	None
25	1/26/2007	None	19	20	Male	Hatch	ATLANTA	A70002	1/26/2007	None
						Transfer	SD-WAP	807037	4/2/2007	None
26	2/2/2007	None	19	20	Male	Hatch	ATLANTA	A70003	2/2/2007	None
						Transfer	SD-WAP	807036	2/2/2007	None
27	2/21/2008	None	19	20	Female	Hatch	ATLANTA	A80001	2/21/2008	None
						Transfer	SD-WAP	808271	11/20/2008	None
Totals: 1.3.0 (4)										
TRACY AV – Tracy Aviary; Salt Lake City, UT, USA										
39	12/26/2012	None	19	20	Unknown	Hatch	ATLANTA	12B066	12/26/2012	None
						Transfer	TRACY AV	2594	4/17/2013	None
Totals: 0.0.1 (1)										

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
WORLDBIRD – Natural Encounters, Inc.; Winter Haven, FL, USA										
29	2/5/2011	None	19	20	Unknown	Hatch	ATLANTA		2/5/2011	None
						Transfer	WORLDBIRD	B11008	3/1/2011	None
						Transfer	DALLAS	11L201	6/13/2011	None
						Transfer	WORLDBIRD	B11008	9/15/2011	None
Totals: 0.0.1 (1)										
Grand Total: 11.08.02 (21)										

HISTORICAL POPULATION

21.22.05 (48) at 23 Institutions

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
1	6/15/1940	Year	WILD	WILD	Female	Wild Capture	AFRICAN		9/6/1941	Unknown
						Transfer	VIDA AL		9/7/1941	Unknown
						Transfer	NY BRONX	410512	9/8/1941	None
						Death	NY BRONX	410512	7/10/1980	None
2	6/15/1955	Year	WILD	WILD	Male	Wild Capture	AFRICAN		6/11/1956	Unknown
						Transfer	PRIVATE		6/12/1956	Unknown
						Transfer	NY BRONX	560511	6/13/1956	None
						Transfer	COLUMBIA	004815	11/30/1988	None
						Transfer	NY BRONX	560511	9/9/1998	None
						Death	NY BRONX	560511	2/8/2006	None
3	6/15/1965	Year	WILD	WILD	Male	Wild Capture	MASHONA S		11/25/1966	Unknown
						Transfer	BALTIMORE	66107	11/26/1966	None
						Transfer	CHICAGOBR	24002	2/10/1978	None
						Transfer	ANTWERP	10192A	3/28/1984	None
						Death	ANTWERP	10192A	3/4/2006	None
4	6/15/1968	Year	WILD	WILD	Male	Wild Capture	AFRICAN		9/24/1973	Unknown
						Transfer	CHASE B		9/25/1973	Unknown
						Transfer	COLUMBIA	SJ0154	9/26/1973	None
						Death	COLUMBIA	SJ0154	11/4/1988	None
5	6/15/1970	Year	WILD	WILD	Female	Wild Capture	AFRICAN		12/2/1970	Unknown
						Transfer	FT WAYNE		12/3/1970	Unknown
						Transfer	CHICAGOLP	B7031	12/4/1970	None
						Death	CHICAGOLP	B7031	4/10/1975	None
6	6/15/1970	Unknown	WILD	WILD	Female	Wild Capture	AFRICAN		12/2/1970	Unknown
						Transfer	FT WAYNE		12/3/1970	Unknown
						Transfer	CHICAGOLP	B7032	12/4/1970	None
						Transfer	COLUMBIA	SJ0717	6/18/1975	None
						Transfer	NY BRONX	982212	6/11/1998	None

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	SD-WAP	898413	9/17/1998	None
						Death	SD-WAP	898413	5/8/1999	None
7	4/12/1977	None	4	6	Female	Hatch	COLUMBIA	SJ1099	4/12/1977	None
						Transfer	CHICAGOBR	24071	5/25/1978	None
						Transfer	ANTWERP	10192B	3/28/1984	None
						Death	ANTWERP	10192B	10/22/2004	None
8	6/15/1978	Year	WILD	WILD	Female	Wild Capture	AFRICAN		11/19/1979	Unknown
						Transfer	GRAND PRA		11/20/1979	Unknown
						Transfer	DALLAS	002097	11/21/1979	None
						Transfer	DALLASBPC		1/26/1992	None
						Go LTF	DALLASBPC		1/26/1992	None
						Return From LTF	DALLASBPC		12/10/1997	None
						Transfer	DALLAS	002097	12/10/1997	None
						Death	DALLAS	002097	8/2/2004	None
9	2/18/1978	None	4	6	Unknown	Hatch	COLUMBIA	SJ1311	2/18/1978	None
						Transfer	RUNDEL		11/15/1978	None
						Transfer	UNK/GUERNEV		11/16/1978	Unknown
						Go LTF	UNK/GUERNEV		11/16/1978	Unknown
10	1/16/1979	None	4	6	Unknown	Hatch	COLUMBIA	SJ1747	1/16/1979	None
						Transfer	RUNDEL		5/3/1979	None
						Transfer	UNK/GUERNEV		5/4/1979	Unknown
						Go LTF	UNK/GUERNEV		5/4/1979	Unknown
11	6/15/1979	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1979	Unknown
						Transfer	WASSENAAR		3/27/1980	Unknown
						Transfer	ANTWERP	9273	3/28/1980	None
						Transfer	PRIVATE		12/21/2006	None
						Go LTF	PRIVATE		12/21/2006	None
12	1/14/1981	None	4	6	Female	Hatch	COLUMBIA	SJ2398	1/14/1981	None
						Transfer	DALLAS	813078	10/1/1981	None
						Transfer	SANDIEGOZ	182300	12/1/1982	None
						Transfer	THEFT		6/3/1989	None
						Go LTF	THEFT		6/3/1989	None
13	6/15/1986	Year	36	37	Male	Hatch	BERLIN TP		6/15/1986	Year
						Transfer	SANDIEGOZ	387819	7/15/1987	None
						Transfer	DALLASBPC	UNK	11/10/1994	None
						Go LTF	DALLASBPC	UNK	11/10/1994	None
						Return From LTF	DALLASBPC	UNK	1/5/1998	None
						Transfer	SD-WAP	387819	1/6/1998	None
14	6/15/1986	Year	WILD	WILD	Male	Wild Capture	AFRICAN		1/26/1987	Unknown

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	ZOO IMPRT		1/27/1987	Unknown
						Transfer	DALLAS	874878	1/28/1987	None
						Transfer	CHICAGOBR	920051	3/26/1992	None
						Transfer	FORTWORTH	204506	5/16/2006	None
15	1/27/1987	None	4	6	Male	Hatch	COLUMBIA	SJ4108	1/27/1987	None
						Death	COLUMBIA	SJ4108	2/4/1987	None
16	4/7/1987	None	4	6	Female	Hatch	COLUMBIA	SJ4178	4/7/1987	None
						Transfer	ORNATUS		9/18/1988	None
						Go LTF	ORNATUS		9/18/1988	None
						Return From LTF	ORNATUS		10/2/1989	None
						Transfer	SANDIEGOZ	489215	10/2/1989	None
						Death	SANDIEGOZ	489215	3/24/1994	None
17	2/28/1992	Day	13	16	Female	Hatch	SANDIEGOZ	392032	2/28/1992	Day
						Transfer	CHICAGOBR	920245	9/30/1992	None
						Transfer	FORTWORTH	204507	5/16/2006	None
18	3/20/1993	None	13	16	Female	Hatch	SANDIEGOZ	493040	3/20/1993	None
						Transfer	ST LOUIS	930701	7/1/1993	None
						Transfer	JACKSONVL	695054	8/8/1995	None
						Transfer	FT WAYNE	98810	3/25/2015	None
19	2/1/1994	None	13	16	Male	Hatch	SANDIEGOZ	394008	2/1/1994	None
						Transfer	JACKSONVL	694057	10/12/1994	None
						Transfer	BALTIMORE	638	7/5/2000	None
						Transfer	ATLANTA	A50070	11/3/2005	None
20	4/21/1997	None	3	11	Female	Hatch	ANTWERP	12692	4/21/1997	None
						Transfer	JACKSONVL	699047	7/16/1999	None
						Transfer	BALTIMORE	639	7/5/2000	None
						Transfer	ATLANTA	A50071	11/3/2005	None
21	5/14/1997	None	3	11	Female	Hatch	ANTWERP	12718	5/14/1997	None
						Transfer	JACKSONVL	699046	7/16/1999	None
						Release	FLORIDA		1/8/2002	None
						Recapture	FLORIDA		2/5/2002	None
						Transfer	JACKSONVL	699046	2/5/2002	None
22	4/15/2003	None	19	20	Male	Hatch	BALTIMORE	3623	4/15/2003	None
						Transfer	FORTWORTH	202212	2/11/2004	None
						Transfer	FT WAYNE	98311	5/12/2010	None
23	3/19/2005	None	19	20	Male	Hatch	BALTIMORE	4886	3/19/2005	None
						Transfer	NY BRONX	B06024	5/4/2006	None
						Death	NY BRONX	B06024	8/31/2007	None
24	2/8/2006	None	19	20	Male	Hatch	ATLANTA	A60002	2/8/2006	None

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
25	1/26/2007	None	19	20	Male	Hatch	ATLANTA	A70002	1/26/2007	None
						Transfer	SD-WAP	807037	4/2/2007	None
26	2/2/2007	None	19	20	Male	Hatch	ATLANTA	A70003	2/2/2007	None
						Transfer	SD-WAP	807036	2/2/2007	None
27	2/21/2008	None	19	20	Female	Hatch	ATLANTA	A80001	2/21/2008	None
						Transfer	SD-WAP	808271	11/20/2008	None
28	3/26/2010	Day	19	20	Female	Hatch	ATLANTA	B00012	3/26/2010	Day
						Transfer	DALLAS	11L559	12/28/2011	None
29	2/5/2011	None	19	20	Unknown	Hatch	ATLANTA	11B003	2/5/2011	None
						Transfer	WORLDBIRD	B11008	3/1/2011	None
						Transfer	DALLAS	11L201	6/13/2011	None
						Transfer	WORLDBIRD	B11008	9/15/2011	None
30	2/7/2011	Day	19	20	Male	Hatch	ATLANTA	11B007	2/7/2011	Day
						Transfer	DALLAS	11L558	12/28/2011	None
31	6/15/1984	Year	UNK	UNK	Male	Hatch	TEXAS		6/15/1984	Year
						Transfer	S PROVOST		6/15/2005	Unknown
						Transfer	ZOO IMPRT		6/15/2006	Year
						Transfer	FT WAYNE	98468	9/15/2011	None
						Transfer	JACKSONVL	614401	11/11/2014	None
32	6/15/1996	Year	WILD	WILD	Female	Wild Capture	S.AFRICA		7/14/1998	None
						Transfer	PRET POT		7/14/1998	None
						Transfer	PRETORIA	907175	7/16/1998	None
						Transfer	PRET POT	P93503	7/9/1999	None
						Go LTF	PRET POT	P93503	4/18/2014	None
33	6/15/1999	Unknown	WILD	WILD	Male	Wild Capture	AFRICAN		3/22/2000	Unknown
						Transfer	UNKNOWN		3/23/2000	Unknown
						Transfer	PRETORIA	908059	3/24/2000	None
						Transfer	PRET POT	P93550	5/23/2000	None
						Go LTF	PRET POT	P93550	4/18/2014	None
34	8/14/2009	None	33	32	Female	Hatch	PRET POT	P94058	8/14/2009	None
						Go LTF	PRET POT	P94058	4/18/2014	None
35	10/15/2011	Month	WILD	WILD	Male	Wild Capture	S.AFRICA		10/24/2011	Unknown
						Transfer	UNKNOWN	11/38/PT	10/25/2011	Unknown
						Transfer	PRET POT	P94198	10/26/2011	None
						Go LTF	PRET POT	P94198	4/18/2014	None
36	5/5/1971	None	UNK	UNK	Male	Hatch	RUSHDEN		5/5/1971	None
						Transfer	BERLIN TP		5/20/1972	None
						Death	BERLIN TP		4/9/2003	None
37	5/31/1971	None	UNK	UNK	Female	Hatch	RUSHDEN		5/31/1971	None
						Transfer	BERLIN TP		5/20/1972	None

Stbk ID	Hatch Date	Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Death	BERLIN TP		4/10/1997	None
38	2/16/2012	None	19	20	Female	Hatch	ATLANTA	12B001	2/16/2012	None
						Transfer	PORTLAND	B20067	5/2/2012	None
39	12/26/2012	None	19	20	Male	Hatch	ATLANTA	12B066	12/26/2012	None
						Transfer	TRACY AV	2594	4/17/2013	None
40	1/31/2013	None	19	20	Male	Hatch	ATLANTA	13B001	1/31/2013	None
						Transfer	MEMPHIS	UNK	9/16/2014	None
41	1/29/2014	None	19	20	Female	Hatch	ATLANTA	14B001	1/29/2014	None
						Transfer	MEMPHIS	14A069	9/16/2014	None
42	2/14/1982	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		2/14/1982	Unknown
						Transfer	KRAAIFONT	81M/02	8/15/1988	Unknown
						Go LTF	KRAAIFONT	81M/02	10/16/1988	Unknown
43	2/14/1982	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/1982	Unknown
						Transfer	KRAAIFONT	68F/01	8/15/1988	Unknown
						Go LTF	KRAAIFONT	68F/01	10/16/1988	Unknown
44	10/15/1988	None	42	43	Female	Hatch	KRAAIFONT	88F/03	10/15/1988	None
						Transfer	PRETORIA	903689	5/5/1993	None
						Transfer	PRET POT	P93190	5/6/1993	None
						Transfer	PRETORIA	903689	5/18/1999	None
						Go LTF	PRETORIA	903689	4/18/2014	None
45	6/15/2006	Year	UNK	UNK	Male	Hatch	LORY PARK	UNK	6/15/2006	Year
						Transfer	PRETORIA	913937	10/16/2008	None
						Go LTF	PRETORIA	913937	4/18/2014	None
46	6/15/2009	Year	UNK	UNK	Female	Hatch	UNKNOWN	UNK	6/15/2009	Year
						Transfer	PRETORIA	914861	3/31/2010	None
						Transfer	BESTER	UNK	4/20/2012	None
						Go LTF	BESTER	UNK	4/20/2012	None
47	1/19/2015	None	19	20	Unknown	Hatch	ATLANTA	15B001	1/19/2015	None
48	1/19/2015	None	19	20	Unknown	Hatch	ATLANTA	15B002	1/19/2015	None
						Death	ATLANTA	15B002	1/19/2015	None
TOTALS: 21.22.05 (48)										

CURRENT & HISTORIC INSTITUTIONS

Current / Historic	Mnemonic	Name	City	Country
Current	ATLANTA	Zoo Atlanta	Atlanta	USA
Current	DALLAS	Dallas Zoo	Dallas	USA
Current	FORTWORTH	Fort Worth Zoological Park	Ft Worth	USA
Current	FT WAYNE	Fort Wayne Children's Zoo	Fort Wayne	USA
Current	JACKSONVL	Jacksonville Zoo and Gardens	Jacksonville	USA
Current	MEMPHIS	Memphis Zool Garden & Aquarium	Memphis	USA
Current	PORTLAND	Oregon Zoo	Portland	USA
Current	SD-WAP	San Diego Zoo's Safari Park	Escondido	USA
Current	TRACY AV	Tracy Aviary	Salt Lake City	USA
Current	WORLDBIRD	Natural Encounters, Inc.	Winter Haven	USA
Historic	ANTWERP	Zoo of Antwerp	Antwerp	Belgium
Historic	BALTIMORE	Maryland Zoo in Baltimore	Baltimore	USA
Historic	BERLIN TP	Tierpark Berlin-Friedrichsfelde GmbH	Berlin	Germany
Historic	BESTER	Bester Birds & Animals	Lynnwood Ridge	South Africa
Historic	CHASE B	Charles (Bill) P. Chase Co. Inc.	Miami	USA
Historic	CHICAGOBR	Chicago Zoological Society	Brookfield	USA
Historic	CHICAGOLP	Lincoln Park Zoological Gardens	Chicago	USA
Historic	COLUMBIA	Riverbanks Zoo and Garden	Columbia	USA
Historic	DALLASBPC	Dallas Birds of Prey Center	Dallas	USA
Historic	GRAND PRA	Lion Country Safari Inc	Grand Prairie	USA
Historic	KRAAIFONT	Tygerberg Zoopark	Kraaifontein	South Africa
Historic	LORY PARK	Lory Park Zoo & Owl Sanctuary	Vorna Valley, Midran	South Africa
Historic	NY BRONX	Bronx Zoo/Wildlife Conservat'n Society	Bronx	USA
Historic	ORNATUS	Ornatus Aviaries (Christer Jonsson ext	College Park	USA
Historic	PRET POT	Mokopane Biodiversity Cons Ctr	Pretoria	South Africa
Historic	PRETORIA	Nat'l Zoological Gardens of S. Africa	Pretoria	South Africa
Historic	RUNDEL	Sonoma Bird Farm (Richard S. Rundel)	Sonoma	USA
Historic	RUSHDEN	Ravensden Zoo Ltd. (extinct Dec 1999)	Rushden	England (UK)
Historic	S PROVOST	Steve Provost		Texas
Historic	SANDIEGOZ	San Diego Zoo	San Diego	USA
Historic	ST LOUIS	Saint Louis Zoological Park	St. Louis	USA
Historic	VIDA AL	Albert Vida	New York	USA
Historic	WASSENAAR	Dierenpark Wassenaar Zoo (extinct)	Wassenaar	Netherlands
Historic	ZOO IMPRT	Zoological Imports 2000, Inc.	Miami	USA

APPENDIX I – DATA FIELD DESCRIPTIONS

Studbook ID – unique number assigned to each individual in the studbook. The studbook number is a permanent number.

Hatch Date – This field indicates the date of an animal’s birth. There is a birth date for every individual. Please check the next column “Birth Date Est.” to judge the accuracy of that date.

Hatch Date Est. – Indicated if the Birth Date field is an estimate.

None = No estimation

Day = The day is estimated

Month = The month is estimated

Year = The actual birth date is within the year of the Birth Date field

Sire/Dam – Numbers indicate the Studbook ID of the parents of the zoo born animals

WILD indicates that an animal was wild caught and its parents are unknown wild individuals

UNK indicates that the animal was zoo-born but identification of the parents is not known

MULT indicates that there are several possible parents in zoos, but the specific one could not be determined. A parental assumptions note in the Specimen Notes field is included with this parental designation to indicate which animals could be the potential parent.

Sex – male, female, unknown

Event – This field documents the movements of individual animals from the first location to the current or last known location. This includes Birth/Hatch, Transfer, Death, Go LTF (Lost to Follow up), Return from LTF, and Release. UNKNOWN indicates that the animal exists or existed, but its location cannot be reliably confirmed.

Location – This field indicates the location where the event took place.

Local ID – This is the number assigned by the institution in which the event took place. UNKNOWN indicates that either an ID was not assigned or no information exists to indicate that an ID was assigned.

Date – This field documents the date that events occurred. Each event has a date associated with it.

Also, check the adjacent column (Date Est.) to determine the accuracy of this date.

Date Est. – Indicates if the adjacent Date field is an estimate.

None = No estimation

Day = The day is estimated

Month = The month is estimated

Year = The actual date is within the year of the Event Date field

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