

AZA Regional Studbook

Eurasian Eagle Owl (*Bubo bubo*)



AZA Studbook Keeper

R. Harrison Edell, MS

Dallas Zoo

harrison.edell@dallaszoo.com

Current to Date

1 Aug 2017

Date of Publication

18 Aug 2017

Table of Contents

Introduction	2
Living Population	6
Historic Population	27
Historic Institutions	68
Multiple Parentage Sets	70
Studbook Disclaimer	70

INTRODUCTION

This is the fifth edition of the North American Regional Studbook for the Eurasian Eagle Owl (*Bubo bubo*). This studbook contains records for living animals through 17 August 2017. 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 AZA's Raptor Taxon Advisory Group and the staff of the Dallas Zoo for their encouragement. Thanks to John Perry for the use of his photo (of 0.1 "Athena") on the cover. Finally, to all of the facilities participating in the conservation of raptors: thank you for your continued support!

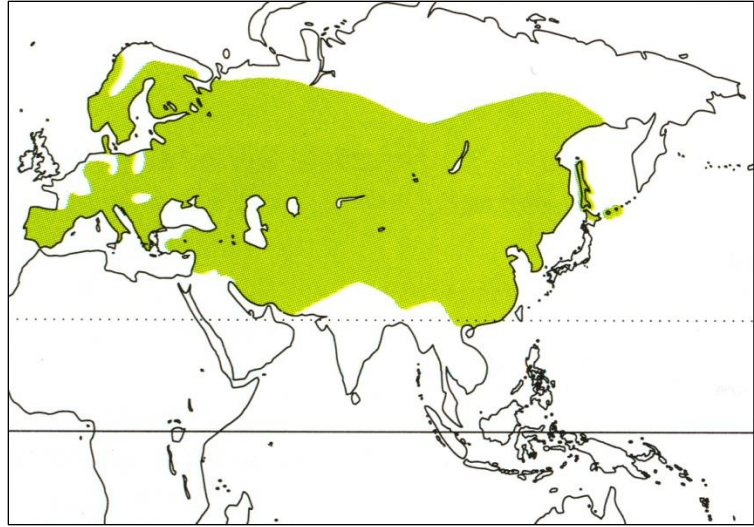
Sincerely,
R. Harrison Edell, MS
Studbook Keeper / Eurasian Eagle Owl
Senior Director of Living Collections
Dallas Zoo
650 S. R.L. Thornton Freeway
Dallas, Texas 75203
469.554.7201
harrison.edell@dallaszoo.com



NATURAL HISTORY

Taxonomy & Range

The Eurasian Eagle Owl (also known as the Great, or Northern Eagle Owl) was first described scientifically by Linnaeus in 1758, based on a Swedish type specimen. The species has a significant range which includes most of Europe and Scandinavia, western Asia, and eastern Asia (north of the Himalayas). The Eurasian Eagle Owl forms a superspecies with Great Horned Owl (*B. virginianus*), as well as Rock (*B. bengalensis*), Pharaoh (*B. ascalaphus*), and Cape Eagle Owls (*B. capensis*). Geographical boundaries between these species are not clear, as there appear to be intergrading populations, as well as significant individual morphological variations. Overall, 14 subspecies of Eurasian Eagle Owl are recognized (Holt et al., 1999).



General Ecology

Weighing between 1.5 and 4.2 Kg, with a wingspan of up to 1.88 m, the Eurasian Eagle Owl is among the world's largest owls. These owls inhabit woodland, open forest, taiga, and steppe. It has been suggested that both habitat selection and nesting success rates depend primarily on



the availability of specific suitable prey species, such as European Rabbits, *Oryctolagus sp.* (Martinez et al., 2003; Penteriani et al., 2002). Highly adaptable, eagle owls may be active either at night or in the day, hunting a variety of prey from the air or an open perch. The majority of the diet consists of small mammals, but may include larger mammals, birds up to the size of herons (*Ardea*) or buzzards (*Buteo*), and reptiles.

Breeding Biology

Breeding as early as two years of age, these owls tend to be monogamous, using the same nesting site year after year; eagle owls have been known to nest on

cliffs, in nests built by other birds, or on the ground. As many as four eggs (but more often two) are laid, with a three-day laying interval, and incubated (almost exclusively by the female) for 34-36 days.

Adult owls tend to be very sensitive, abandoning eggs and even young at the slightest disturbance. White and fluffy at hatch, owlets develop quickly, feeding themselves at the nest after only three weeks. Remarkable increases in mass are noted in the first 30 days, and between days 40-45. After the age of 80-90 days, chicks (still fed by their parents) move widely, ranging up to 1500 m from the nest in one study. By seven weeks, young are able to fly; the owlets are independent at 150-160 days' of age (Penteriani et al., 2004). Cainism is common in this species, with older young preying upon younger owlets.



Eurasian Eagle Owl chicks at 2 (left) and 15 (right) days of age (Penteriani et al., 2004).



Eurasian Eagle Owl chick at 30 days of age (Penteriani et al., 2004).

Present Status & Threats to Survival

The Eurasian Eagle Owl (*Bubo bubo*) is not currently threatened with extinction, with an estimated global range of over 10 million square kilometers (IUCN, 2017); the wild European population may number 25,000 pairs (Holt et al., 1999). There have, however, been marked declines in local populations, as well as regional extinctions. Overall population density is low (as is the case for many large raptors); hence habitat loss has taken a significant toll on the species. Additionally, poisoning (via agricultural applications) and deaths through road traffic

and barbed wire may be significant (Holt et al., 1999). Eagle owls are subject to relatively high levels of commercial pressure, and are coveted by hobbyists; they have been listed on CITES Appendix II since April 1977 (CITES, 2017). Legal protection in many parts of Europe has helped some populations to recover, as have reintroduction programs (including those in Germany, France, Belgium, Switzerland, and Scandinavia); challenges faced by reintroduction programs include high mortality and low reproductive success (Holt et al., 1999).

Conservation Priorities

Conservation measures that have been undertaken include ¹legal protection in many parts of the species' range, ²international agreements to protect the species from commercial trade (i.e. CITES), and ³extensive research on the breeding habits and ecology of European populations. Despite protected status, the species is still persecuted in many parts of their range (Holt et al., 1999), pesticides may be particularly problematic to these apex predators, no detailed data on Asian populations exist, and efforts must be made to protect nesting territories (and potential territories) from additional development. Moving forward, lessons learned from Eurasian Eagle Owl conservation and reintroduction programs may be crucial to the success of efforts to conserve critically endangered relatives (including Blakiston's eagle owl, *Bubo blakistoni*, among the world's rarest owls).

Notes on Eagle Owls in Captivity

The first recorded appearance of Eurasian Eagle Owls in North American zoological collections occurred in December 1959, with the importation of 01.00.01 Danish birds to the San Diego Zoo. The first successful North American captive hatch occurred at Calgary Zoo in July 1970. While various subspecies (including *Bubo bubo bubo*, *B. b. turcomanus*, *B. b. hispanus*) have been maintained historically, AZA's Raptor TAG manages the species only at the specific level.

Sources Cited:

1. Convention on International Trade in Endangered Species of Wild Fauna and Flora. (2016). www.cites.org. Available 7/2017.
2. Holt, D.W., Berkley, R., Deppe, C., Enriquez Rocha, P.L., Petersen, J.L., Rangel Salazar, J.L., Segars, K.P., & K.L. Wood. (1999). Family Strigidae (Typical Owls). Pp. 76-243 in: del Hoyo, J., Elliott, A. & Sargatal, J. eds. (1999). Handbook of the Birds of the World. Vol. 5. Barnowls to Hummingbirds. Lynx Edicions, Barcelona.
3. International Union for the Conservation of Nature. The IUCN Red List of Threatened Species. (2016). www.iucnredlist.org. Available 7/2017.
4. Martinez, J.A., Serrano, D., & Zuberogoitia, I. 2003. Predictive models of habitat preferences for the Eurasian eagle owl *Bubo bubo*: a multiscale approach. *Ecography* 26:21-28.
5. Penteriani, V., Delgado, M. M., Maggio, C., Aradis, A., & Sergio, F. 2004. Development of chicks and predispersal behavior of youn in the Eagle Owl (*Bubo bubo*). *Ibis* 147 (1):155-168.
6. Penteriani, V., Gallardo, M., & Roche, P. 2002. Landscape structure and food supply affect eagle owl (*Bubo bubo*) density and breeding performance: a case of intra-population heterogeneity. *J. Zool. Lond.* 257:365-372.

Living Population

71.59.04 (134) at 63 Institutions

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
AQUAQC – Aquarium du Quebec, Quebec, Quebec, Canada											
176	3/15/2002	Month	163	162	Male	Hatch	ROCKTON		3/15/2002	Month	"Stewart"
						Transfer	QUEBEC	A35604	9/15/2003	Month	
						Go LTF	QUEBEC	A35604	9/15/2003	None	
						Return From LTF	QUEBEC	A35604	6/22/2007	None	
						Transfer	AQUAQC	100034	6/23/2007	None	
Totals: 1.0.0 (1)											
AUDUBON – Audubon Zoo, New Orleans, LA, USA											
313	6/8/2017	None	261	262	Male	Hatch	CED CK RP		6/8/2017	None	"Miyagi"
						Transfer	AUDUBON	17B044	7/6/2017	None	
Totals: 1.0.0 (1)											
BIRMINGHM – Birmingham Zoo, Birmingham, AL, USA											
312	4/2/2017	None	259	260	Male	Hatch	CED CK RP		4/2/2017	None	
						Transfer	BIRMINGHM	217017	5/4/2017	None	
Totals: 1.0.0 (1)											
BRDS PREY – World Center for Birds of Prey, Boise, ID, USA											
223	3/27/2012	None	82	84	Male	Hatch	SCOT NECK		3/27/2012	None	"Wally"
						Transfer	WORLDBIRD	B12004	4/6/2012	None	
						Transfer	BRDS PREY		4/30/2012	None	
Totals: 1.0.0 (1)											
BRIGHTSFA – Bright's Zoo, Limestone, TN, USA											

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
274	4/11/2012	None	UNK	UNK	Female	Hatch	UNKNOWN		4/11/2012	None	
						Transfer	BRIGHTSFA	295	5/29/2012	None	
275	5/29/2012	None	261	262	Male	Hatch	CED CK RP		5/29/2012	None	"Herbie"
						Transfer	BRIGHTSFA	207	7/5/2012	None	
Totals: 1.1.0 (2)											
BUSCH TAM – Busch Gardens Tampa Bay, Tampa, FL, USA											
258	5/31/2011	None	261	262	Female	Hatch	CED CK RP		5/31/2011	None	"Joanna"
						Transfer	WILLIM BU	BGW Bb 1301	3/15/2013	None	
						Transfer	BUSCH TAM	65815	1/15/2015	None	
Totals: 0.1.0 (1)											
C GARNER – Fresno Wildlife Rescue & Rehab. Service, Clovis, CA, USA											
128	6/15/2005	Month	UNK	UNK	Male	Hatch	UNKNOWN		6/15/2005	Month	"Kohgee"
						Transfer	USDI LAW		9/15/2005	Month	
						Transfer	C GARNER		9/29/2005	Unknown	
Totals: 1.0.0 (1)											
CAROLINA – Carolina Raptor Center, Huntersville, NC, USA											
211	4/15/2010	Month	MULT 6	MULT 7	Male	Hatch	TH CULLEN		4/15/2010	Month	"Bart"
						Transfer	CAROLINA	14502	6/14/2010	None	
212	4/15/2010	Month	207	208	Female	Hatch	G B DAVID		4/15/2010	Month	"Beatrice"
						Transfer	CAROLINA	14484	6/9/2010	None	
218	5/15/2011	Month	82	84	Male	Hatch	SCOT NECK		5/15/2011	Month	"Khan"
						Transfer	CAROLINA	16277	7/18/2012	None	
Totals: 2.1.0 (4)											
CBPSC – The Center for Birds of Prey, Awendaw, SC, USA											

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
190	2/18/2003	None	187	188	Female	Hatch	K YOUNG		2/18/2003	None	"Calliope"
						Transfer	A PICO		6/15/2004	Unknown	
						Transfer	CBPSC		7/7/2007	None	
191	6/15/2002	Year	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2002	Year	"Betelgeuse"
						Transfer	A PICO		6/15/2003	Unknown	
						Transfer	CBPSC		7/7/2007	None	
192	4/14/2010	None	191	190	Female	Hatch	CBPSC		4/14/2010	None	"Thunder"
281	5/20/2015	None	191	190	Female	Hatch	CBPSC	CBP SC 11 1	5/20/2015	None	
Totals: 1.2.0 (3)											
CENTRALPK – Central Park Zoo, New York, NY, USA											
151	3/15/2010	Month	82	84	Male	Hatch	SCOT NECK		3/15/2010	Month	"Flaco"
						Transfer	CENTRALPK	C10072	5/9/2010	None	
Totals: 1.0.0 (1)											
CINCINNAT – Cincinnati Zoo & Botanical Garden, Cincinnati, OH, USA											
186	5/16/2010	None	120	121	Male	Hatch	CRAWFRD W		5/16/2010	None	"Archimedes"
						Transfer	CINCINNAT	210163	11/18/2010	None	
203	3/30/2011	None	120	121	Female	Hatch	CRAWFRD W		3/30/2011	None	"Caspian"
						Transfer	CINCINNAT	211060	4/23/2011	None	
236	2/5/2014	None	74	175	Female	Hatch	VALLEYZOO	200917	2/5/2014	None	"Minerva"
						Transfer	CINCINNAT	216053	6/8/2016	None	
Totals: 1.1.0 (2)											
COAL VAL – Niabi Zoo, Coal Valley, IL, USA											
272	6/15/2007	Year	UNK	UNK	Male	Hatch	TH CULLEN		6/15/2007	Year	"Bogo"
						Transfer	UNKNOWN		1/9/2010	Unknown	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	COAL VAL	B2354	1/10/2010	Day	
Totals: 1.0.0 (1)											
COLUMBIA – Riverbanks Zoo and Garden, Columbia, SC, USA											
104	3/15/2003	Month	29	32	Female	Hatch	CCSS	PAC 2102	3/15/2003	Month	"Mrs. Magoo"
						Transfer	COLUMBIA	8185	11/9/2004	None	
282	6/5/2015	None	107	91	Male	Hatch	DENVER	A15140	6/5/2015	None	
						Transfer	COLUMBIA	13725	9/27/2016	None	
308	2/4/2017	None	282	104	Male	Hatch	COLUMBIA	13868	2/4/2017	None	
Totals: 2.1.0 (3)											
COLUMBUS – Columbus Zoo and Aquarium, Powell, OH, USA											
46	3/2/1993	None	194	195	Female	Hatch	CRAWFRD W		3/2/1993	None	"Orion"
						Transfer	KNOXVILLE	478	8/5/1994	None	
						Transfer	OKLAHOMA	770432	4/16/2013	None	
						Transfer	STATEN IS	B15001	2/2/2015	None	
						Transfer	COLUMBUS	116089	11/18/2016	None	
96	6/15/2001	Year	29	32	Male	Hatch	CCSS		6/15/2001	Year	
						Transfer	CALGARY	105847	12/12/2001	None	
						Transfer	VALLEYZOO	200839	6/26/2008	None	
						Transfer	STATEN IS	113067	8/3/2013	None	
						Transfer	COLUMBUS	116088	11/18/2016	None	
105	5/15/2003	None	120	121	Female	Hatch	CRAWFRD W	WBS033	5/15/2003	None	
						Transfer	COLUMBUS	103037	7/16/2003	None	
Totals: 1.2.0 (3)											
CORPUS CH – Texas State Aquarium, Corpus Christi, TX, USA											

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
189	5/14/2008	None	187	188	Male	Hatch	K YOUNG		5/14/2008	None	"Brutus"
						Transfer	CORPUS CH	BBu0801	7/30/2008	None	
Totals: 1.0.0 (1)											
CRAWFRD W – World Bird Sanctuary (Walter Crawford), Valley Park, MO, USA											
120	6/15/1989	Year	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1989	Year	"Sinbad"
						Transfer	FLORIDA		6/16/1989	Unknown	
						Transfer	CRAWFRD W	UNK	10/9/1990	None	
121	6/15/1995	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1995	Unknown	"Martina"
						Transfer	CRAWFRD W	UNK	11/10/1995	None	
194	6/15/1989	Unknown	153	152	Male	Hatch	ROCKTON		6/15/1989	Unknown	"Sailor"
						Transfer	CRAWFRD W	UNK	11/28/1989	None	
209	6/15/2009	Unknown	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2009	Unknown	
						Transfer	CRAWFRD W	UNK	5/17/2010	Unknown	
						Transfer	SIA		5/18/2010	Unknown	
						Transfer	CAROLINA		5/19/2010	None	
						Transfer	CRAWFRD W	UNK	3/15/2012	Month	
210	6/15/2009	Unknown	MULT 8	MULT 9	Female	Hatch	CRAWFRD W	UNK	6/15/2009	Unknown	
						Transfer	CAROLINA		2/20/2010	None	
						Transfer	CRAWFRD W	UNK	3/15/2012	Month	
255	3/27/2011	None	UNK	UNK	Male	Hatch	CRAWFRD W	UNK	3/27/2011	None	
296	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	
297	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
298	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	
299	2/14/2010	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	
300	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	
301	2/14/2010	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	
302	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown	
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown	
303	6/15/2010	Unknown	UNK	UNK	Unknown	Hatch	CRAWFRD W	UNK	6/15/2010	Unknown	
304	6/15/2010	Unknown	UNK	UNK	Unknown	Hatch	CRAWFRD W	UNK	6/15/2010	Unknown	
305	6/15/2010	Unknown	UNK	UNK	Unknown	Hatch	CRAWFRD W	UNK	6/15/2010	Unknown	
Totals: 6.7.3 (16)											
D SIDDON – Wildlife Images, Grant's Pass, OR, USA											
195	6/15/1989	Unknown	153	152	Female	Hatch	ROCKTON		6/15/1989	Unknown	"Huuhkajaat"
						Transfer	CRAWFRD W		11/28/1990	None	
						Transfer	D SIDDON		11/15/2005	Month	
265	6/15/2000	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/2000	Year	"Kokoro"
						Transfer	CRAWFRD W		9/14/2001	Unknown	
						Transfer	D SIDDON		9/15/2001	Month	
Totals: 0.2.0 (2)											
DALLAS – Dallas Zoo, Dallas, TX, USA											
54	5/6/1994	None	36	35	Male	Hatch	OKLAHOMA	646603	5/6/1994	None	"Kruger"

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	DALLAS	949103	7/21/1994	None	
						Transfer	DALLASBPC		4/17/1996	None	
						Go LTF	DALLASBPC		4/17/1996	None	
						Return From LTF	DALLASBPC		9/20/1996	None	
						Transfer	DALLAS	949103	9/20/1996	None	
116	3/27/2007	None	58	35	Male	Hatch	WORLDBIRD	B07024	3/27/2007	None	"Ziggy"
						Transfer	SANDIEGOZ	309143	10/19/2010	None	
						Transfer	WORLDBIRD	B07024	2/2/2011	None	
						Transfer	DALLAS	11K795	2/3/2011	None	
						Transfer	WORLDBIRD	B07024	11/9/2011	None	
						Transfer	DALLAS	11K795	2/13/2012	None	
244	4/1/2012	Day	82	84	Female	Hatch	SCOT NECK		4/1/2012	Day	"Gertrude"
						Transfer	WORLDBIRD	B12006	4/6/2012	None	
						Transfer	DALLAS	12M392	10/22/2012	None	

Totals: 2.1.0 (3)

DENVER – Denver Zoological Gardens, Denver, CO, USA

57	5/24/1994	None	UNK	UNK	Female	Hatch	UNKNOWN		5/24/1994	None	"Vienna"
						Transfer	WORLDBIRD		4/7/1999	Unknown	
						Transfer	DENVER	990134	4/8/1999	None	
91	3/15/2000	Month	24	25	Female	Hatch	KETOLA	25-484	3/15/2000	Month	"Irina"
						Transfer	DENVER	A03439	12/11/2003	None	
107	5/13/2003	Unknown	MULT 6	MULT 7	Male	Hatch	TH CULLEN		5/13/2003	Unknown	
						Transfer	ZOO IMPRT		8/18/2003	Unknown	
						Transfer	METROZOO	B30234	8/19/2003	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	FT WAYNE	98206	6/30/2009	None	
						Transfer	DENVER	A15010	1/21/2015	None	
286	4/6/2016	None	107	91	Male	Hatch	DENVER	A16074	4/6/2016	None	
Totals: 2.2.0 (5)											
DREHER PA – Palm Beach Zoo at Dreher Park, West Palm Beach, FL, USA											
113	5/31/2006	Month	UNK	UNK	Male	Hatch	CRAWFRD W		5/31/2006	Month	"Hunter"
						Transfer	AV RECOND		8/20/2006	Unknown	
						Transfer	DREHER PA	206112	8/21/2006	None	
Totals: 1.0.0 (1)											
FRESNO – Fresno Chaffee Zoo, Fresno, CA, USA											
314	6/15/1989	Year	UNK	UNK	Female	Hatch	UNKOWN		6/15/1989	Year	"Einstein"
						Transfer	FRESNO	207044	6/15/1990	Year	
315	5/15/2005	Month	UNK	UNK	Female	Hatch	UNKOWN		5/15/2005	Month	"Hillary"
						Transfer	FRESNO	207045	7/15/2005	Month	
Totals: 0.2.0 (2)											
FT WAYNE – Fort Wayne Children's Zoo, Fort Wayne, IN, USA											
92	6/15/2002	Year	29	32	Male	Hatch	CCSS	25-489	6/15/2002	Year	
						Transfer	DENVER	A03438	12/11/2003	None	
						Transfer	FT WAYNE	98789	3/13/2015	None	
148	1/24/2009	None	82	84	Female	Hatch	SCOT NECK		1/24/2009	None	
						Transfer	WORLDBIRD	B09006	3/9/2009	None	
						Transfer	SANDIEGOZ	309140	5/8/2009	None	
						Transfer	WORLDBIRD	B09006	9/8/2010	None	
						Transfer	DALLAS	11K933	3/21/2011	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	WORLD BIRD	B09006	11/9/2011	None	
						Transfer	FT WAYNE	98788	3/11/2015	None	
Totals: 1.1.0 (2)											
GRANBY – Granby Zoo / Zoo de Granby, Granby, Quebec, Canada											
74	4/15/1997	Month	163	162	Male	Hatch	ROCKTON	980028	4/15/1997	Month	
						Transfer	VALLEYZOO	200707	4/27/2001	None	
						Transfer	GRANBY	B97150	7/6/2017	None	
225	12/6/2008	Unknown	224	159	Female	Hatch	N LTS BC		12/6/2008	Unknown	
						Transfer	ROCKTON		1/30/2013	Unknown	
						Transfer	GRANBY	B08010	1/31/2013	None	
Totals: 1.1.0 (2)											
GULF SHOR – Alabama Gulf Coast Zoo, Gulf Shores, AL, USA											
263	4/14/2014	None	261	262	Male	Hatch	CED CK RP		4/14/2014	None	"Norman"
						Transfer	GULF SHOR		5/7/2014	None	
Totals: 1.0.0 (1)											
HANDS ON – Hands On Exotics, Toronto, Ontario, Canada											
273	6/15/1999	Year	UNK	UNK	Female	Hatch	ORILLIA		6/15/1999	Year	
						Transfer	HANDS ON	RUBY	3/4/2012	None	
276	4/10/2013	None	UNK	UNK	Female	Hatch	LEIBARHEC		4/10/2013	None	
						Transfer	HANDS ON	Topaz	5/1/2013	None	
Totals: 0.2.0 (2)											
HOUSTON – Houston Zoo, Inc., Houston, TX, USA											
283	2/11/2016	None	110	102	Male	Hatch	PITTS CA	8646	2/11/2016	None	
						Transfer	HOUSTON	31122	7/19/2016	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
Totals: 1.0.0 (1)											
KANSASCTY – Kansas City Zoo, Kansas City, MO, USA											
42	3/12/1992	None	153	152	Female	Hatch	ROCKTON	9274	3/12/1992	None	"Owlberta"
						Transfer	KANSASCTY	202870	6/23/1992	None	
85	6/15/2000	Year	29	32	Male	Hatch	KETOLA	25-493	6/15/2000	Year	"Gengis"
						Transfer	SAN ANTON	Y03007	5/1/2003	None	
						Transfer	KANSASCTY	A12046	8/9/2012	None	
Totals: 1.1.0 (2)											
KNOXVILLE – Knoxville Zoological Gardens, Knoxville, TN, USA											
35	6/15/1990	Year	29	32	Female	Hatch	KETOLA		6/15/1990	Year	"Nyra"
						Transfer	OKLAHOMA	574302	1/23/1992	None	
						Transfer	KNOXVILLE	4630	4/23/2013	None	
36	6/15/1990	Year	24	25	Male	Hatch	KETOLA		6/15/1990	Year	"Ezra"
						Transfer	OKLAHOMA	574201	1/23/1992	None	
						Transfer	WORLDBIRD	B04016	1/15/2004	None	
						Transfer	LANSING	2855	5/1/2008	None	
						Transfer	WORLDBIRD	B04016	7/18/2011	None	
						Transfer	KNOXVILLE	4706	11/12/2013	None	
294	6/5/2016	None	82	84	Male	Hatch	SCOT NECK	UNK	6/5/2016	None	"Salazar"
						Transfer	KNOXVILLE	5196	7/18/2016	None	
Totals: 2.1.0 (3)											
LANDRYSAQ – Landry's (Houston) Downtown Aquarium, Houston, TX, USA											
280	4/20/2015	None	259	260	Male	Hatch	CED CK RP		4/20/2015	None	"Bucky"
						Transfer	B A UNLIM	UNK	10/12/2015	Unknown	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	LANDRYSAQ	B1	10/13/2015	None	
Totals: 1.0.0 (1)											
LANSING – Potter Park Zoological Gardens, Lansing, MI, USA											
106	4/15/1994	None	194	195	Male	Hatch	CRAWFRD W		4/15/1994	None	“Oslo”
						Transfer	CINCINNAT	294059	4/23/1994	None	
						Transfer	LANSING	2569	5/7/2003	None	
250	5/8/2014	None	181	72	Male	Hatch	ROCKTON	CAN ALS 14 82	5/8/2014	None	
						Transfer	LANSING	4252	8/10/2016	None	
287	4/6/2016	None	107	91	Female	Hatch	DENVER	A16075	4/6/2016	None	
						Transfer	LANSING	4292	5/25/2017	None	
Totals: 2.1.0 (3)											
LITCHFIEL – Livingston Ripley Waterfowl Conservancy, Litchfield, CT, USA											
253	4/9/2014	Day	82	84	Unknown	Hatch	SCOT NECK		4/9/2014	Day	“Camo”
						Transfer	LITCHFIEL		4/10/2014	Unknown	
Totals: 0.0.1 (1)											
LOSANGELE – Los Angeles Zoo & Botanical Gardens, Los Angeles, CA, USA											
109	5/1/2004	Month	MULT 6	MULT 7	Female	Hatch	TH CULLEN		5/1/2004	Month	“Barbarella”
						Transfer	LOSANGELE	990951	7/15/2004	None	
Totals: 0.1.0 (1)											
LOWRY – Tampa's Lowry Park Zoo, Tampa, FL, USA											
76	6/10/1998	None	36	35	Male	Hatch	OKLAHOMA	744119	6/10/1998	None	“Ivan”
						Transfer	WORLDBIRD	980021	6/15/1998	None	
						Transfer	LOWRY	203452	11/10/1998	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
Totals: 1.0.0 (1)											
METROZOO – Zoo Miami, Miami, FL, USA											
238	5/15/2006	Month	UNK	UNK	Male	Hatch	TH CULLEN		5/15/2006	Month	"Phantom"
						Transfer	FORTUNATO		10/19/2011	Unknown	
						Transfer	METROZOO	11B384	10/20/2011	None	
Totals: 1.0.0 (1)											
MINNESOTA – Minnesota Zoological Garden, Apple Valley, MN, USA											
37	5/15/1990	Month	153	152	Male	Hatch	ROCKTON		5/15/1990	Month	"Orville"
						Transfer	MINNESOTA	6639	8/8/1990	None	
290	4/20/2016	None	191	190	Female	Hatch	CBPSC	CBP SC 11 2	4/20/2016	None	
						Transfer	MINNESOTA	14531	6/17/2016	None	
Totals: 1.1.0 (2)											
NASHV ZOO – Nashville Zoo at Grassmere, Nashville, TN, USA											
100	3/15/2002	None	120	121	Male	Hatch	CRAWFRD W		3/15/2002	None	"Archimedes"
						Transfer	NASHV ZOO	1879	5/22/2002	None	
Totals: 1.0.0 (1)											
NORFOLK – Virginia Zoo, Norfolk, VA, USA											
306	1/24/2017	None	110	102	Male	Hatch	PITTS CA	8822	1/24/2017	None	"Carson"
						Transfer	NORFOLK	217054	4/5/2017	None	
Totals: 1.0.0 (1)											
NY BRONX – Bronx Zoo/Wildlife Conservat'n Society, Bronx, NY, USA											
122	4/1/2007	Month	MULT 3	MULT 2	Female	Hatch	CCSS		4/1/2007	Month	
						Transfer	NY BRONX	E08005	2/14/2008	None	
252	3/8/2013	None	82	84	Male	Hatch	SCOT NECK		3/8/2013	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	DALLAS	13M112	4/9/2013	None	
						Transfer	NY BRONX	E15023	6/11/2015	None	
Totals: 1.1.0 (2)											
OKLAHOMA – Oklahoma City Zoological Park, Oklahoma City, OK, USA											
58	6/15/1995	Year	UNK	UNK	Male	Hatch	TH CULLEN		6/15/1995	Year	"Bear"
						Transfer	UNK/KNOWLTON	L066979	8/19/2001	Unknown	
						Transfer	WORLDBIRD	010029	8/20/2001	None	
						Transfer	OKLAHOMA	769729	4/26/2004	None	
Totals: 1.0.0 (1)											
OMAHA – Omaha's Henry Doorly Zoo, Omaha, NE, USA											
66	4/29/1996	None	36	35	Female	Hatch	OKLAHOMA	688509	4/29/1996	None	"Goblin"
						Transfer	FRESNO	960111	8/29/1996	None	
						Transfer	OMAHA	11049	5/6/1999	None	
311	4/1/2016	None	UNK	UNK	Male	Hatch	UNKNOWN		4/1/2016	None	"Bowie"
						Transfer	OMAHA	24357	4/17/2017	None	
Totals: 1.1.0 (2)											
ORONO – Jungle Cat World Wildlife Park Inc., Orono, Ontario, Canada											
249	5/4/2014	None	181	72	Female	Hatch	ROCKTON	CAN ALS 14 83	5/4/2014	None	"Artemis"
						Transfer	ORONO	K15006	4/2/2015	None	
277	5/6/2014	None	181	72	Male	Hatch	ROCKTON	CAN ALS 14 81	5/6/2014	None	
						Transfer	CRE QUEST	UNK	5/18/2014	None	
						Go LTF	CRE QUEST	UNK	5/18/2014	None	
						Return from LTF	CRE QUEST	UNK	4/9/2017	None	
						Transfer	ORONO	K170002	4/10/2017	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
Totals: 1.1.0 (2)											
PALM DES – The Living Desert, Palm Desert, CA, USA											
193	6/15/2006	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		6/15/2006	Unknown	"Archimedes"
						Transfer	GREATBEND	210048	6/15/2007	Year	
						Transfer	PALM DES	311002	8/18/2011	None	
Totals: 1.0.0 (1)											
PHOENIX – Phoenix Zoo, Phoenix, AZ, USA											
182	6/15/2006	Year	MULT 8	MULT 9	Male	Hatch	CRAWFRD W		6/15/2006	Year	
						Transfer	M EMBURY		4/8/2009	Unknown	
						Transfer	PHOENIX	11269	4/9/2009	None	
Totals: 1.0.0 (1)											
PITTS CA – National Aviary in Pittsburgh, Pittsburgh, PA, USA											
102	4/8/2002	None	UNK	UNK	Female	Hatch	ROCKTON		4/8/2002	None	"X"
						Transfer	PITTS CA	6333	11/22/2002	None	
110	6/15/2005	Year	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2005	Year	"Dumbledore"
						Transfer	WORLDBIRD	B05021	7/1/2005	None	
						Transfer	PITTS CA	7355	5/7/2006	None	
						Transfer	WORLDBIRD	B05021	9/12/2006	None	
						Transfer	PITTS CA	7355	2/28/2008	None	
111	6/15/2005	Year	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2005	Year	"Gandalf"
						Transfer	WORLDBIRD	B05020	7/1/2005	None	
						Transfer	PITTS CA	7354	11/23/2008	None	
234	3/13/2013	None	110	102	Female	Hatch	PITTS CA	8139	3/13/2013	None	"Pumpkin"
284	2/13/2016	None	110	102	Male	Hatch	PITTS CA	8647	2/13/2016	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
Totals: 3.2.0 (5)											
PUEBLO – Pueblo Zoo, Pueblo, CO, USA											
38	3/15/1993	Month	153	152	Male	Hatch	ROCKTON	940180	3/15/1993	Month	"Jaeger"
						Transfer	ELMVALE		3/7/1994	None	
						Go LTF	ELMVALE		3/7/1994	None	
						Return From LTF	ELMVALE		11/13/1994	None	
						Transfer	BOISE	940139	11/14/1994	None	
						Transfer	PUEBLO	B29026	11/19/2009	None	
145	5/27/2008	None	58	35	Female	Hatch	OKLAHOMA	770331	5/27/2008	None	
						Transfer	PORTLAND	A80221	10/28/2008	None	
						Transfer	STATEN IS	112072	11/16/2012	None	
						Transfer	PUEBLO	B35001	4/14/2015	None	
Totals: 1.1.0 (1)											
REDWOOD – Six Flags Discovery Kingdom, Vallejo, CA, USA											
40	5/23/1991	None	UNK	UNK	Male	Hatch	UNKNOWN		5/23/1991	None	"Sherlock"
						Transfer	ROBINSON		6/14/1991	Unknown	
						Transfer	REDWOOD	6585	6/15/1991	None	
Totals: 1.0.0 (1)											
RIO GRAND – Albuquerque Biological Park, Albuquerque, NM, USA											
98	5/19/2002	None	120	121	Female	Hatch	CRAWFRD W	WBSMO25	5/19/2002	None	"Luna"
						Transfer	RIO GRAND	B02057	9/12/2002	None	
Totals: 0.1.0 (1)											
ROCKTON – African Lion Safari & Game Farm Ltd, Cambridge, Ontario, Canada											
179	6/15/2006	Year	174	175	Male	Hatch	ROCKTON	- 2629 64	6/15/2006	Year	"Stetson"

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
180	3/15/2007	Year	174	175	Female	Hatch	ROCKTON	- 07 53	3/15/2007	Year	"Shirley"
181	12/6/2008	Unknown	224	159	Male	Hatch	N LTS BC		12/6/2008	Unknown	"Turk"
						Transfer	ROCKTON	PAC 2239	12/7/2009	None	
246	6/15/2003	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/2003	Year	
						Transfer	CRE QUEST		11/11/2013	Unknown	
						Transfer	ROCKTON	PAC 225	11/12/2013	None	
251	5/11/2014	None	181	72	Male	Hatch	ROCKTON	- 14 84	5/11/2014	None	
292	5/3/2016	None	251	180	Female	Hatch	ROCKTON	UNK	5/3/2016	None	"Ava"
293	5/5/2016	None	251	180	Male	Hatch	ROCKTON	CAN ALS 16 79	5/5/2016	None	
Totals: 4.3.0 (7)											
SAN FRAN – San Francisco Zoological Gardens, San Francisco, CA, USA											
127	6/15/2005	Month	UNK	UNK	Female	Hatch	UNKNOWN		6/15/2005	Month	"Athena"
						Transfer	USDI LAW		9/15/2005	Month	
						Transfer	SAN FRAN	205018	9/29/2005	None	
Totals: 0.1.0 (1)											
SANDIEGOZ – San Diego Zoo, San Diego, CA, USA											
93	3/23/2000	None	36	35	Unknown	Hatch	OKLAHOMA	768726	3/23/2000	None	"Einstein"
						Transfer	G PRIEST		5/2/2000	Unknown	
						Transfer	SANDIEGOZ	300125	5/3/2000	None	
231	6/10/2012	None	229	228	Male	Hatch	D MEADOR		6/10/2012	None	
						Transfer	SANDIEGOZ	312286	8/23/2012	None	
Totals: 1.0.1 (2)											
SCOT NECK – Sylvan Heights Waterfowl, Scotland Neck, NC, USA											

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
82	6/10/1998	None	36	35	Male	Hatch	OKLAHOMA	744120	6/10/1998	None	
						Transfer	WORLDBIRD	980022	6/18/1998	None	
						Go LTF	WORLDBIRD	980022	6/19/1998	None	
						Return From LTF	WORLDBIRD	980022	5/18/2004	None	
						Transfer	SCOT NECK	A4	5/19/2004	None	
84	3/13/2002	Month	120	121	Female	Hatch	CRAWFRD W	M023	3/13/2002	Month	
						Transfer	WORLDBIRD	020018	4/25/2002	None	
						Go LTF	WORLDBIRD	020018	4/26/2002	None	
						Return From LTF	WORLDBIRD	020018	7/1/2005	None	
						Transfer	COLO SPRG	25A003	7/2/2005	None	
						Transfer	SCOT NECK	A3	9/27/2007	None	
Totals: 1.2.0 (2)											
SD-WAP – San Diego Zoo's Safari Park, Escondido, CA, USA											
41	6/15/1992	Year	153	152	Male	Hatch	ROCKTON		6/15/1992	Year	"Beethoven"
						Transfer	SEA WORLD		6/15/1992	Year	
						Transfer	K CALDWEL		6/15/2001	Year	
						Transfer	SD-WAP	805003	1/6/2005	None	
Totals: 1.0.0 (1)											
SEA WORLD – Sea World San Diego, San Diego, CA, USA											
239	1/29/2014	None	110	102	Female	Hatch	PITTS CA	8291	1/29/2014	None	"Aleera"
						Transfer	SEA WORLD	EE0004	4/25/2014	None	
Totals: 0.1.0 (1)											
ST LOUIS – St. Louis Zoo, St. Louis, MO, USA											
310	3/20/2017	None	110	102	Unknown	Hatch	PITTS CA		3/20/2017	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	ST LOUIS	121134	6/15/2017	None	
Totals: 0.0.1 (1)											
SYRACUSE – Rosamond Gifford Zoo at Burnet Park, Syracuse, NY, USA											
288	4/9/2016	None	UNK	UNK	Male	Hatch	UNKNOWN		4/9/2016	None	"Egon"
						Transfer	SYRACUSE	B16085	5/9/2016	None	
Totals: 1.0.0 (1)											
TACOMA – Point Defiance Zoo & Aquarium, Tacoma, WA, USA											
112	4/18/2005	Day	UNK	UNK	Male	Hatch	CRAWFRD W		4/18/2005	Day	"Forrest"
						Transfer	TACOMA	T05A01	6/13/2005	None	
Totals: 1.0.0 (1)											
TOLEDO – Toledo Zoological Gardens, Toledo, OH, USA											
278	4/7/2015	Day	82	84	Female	Hatch	SCOT NECK	UNK	4/7/2015	Day	
						Transfer	TOLEDO	10804	4/7/2015	None	
279	4/7/2015	Day	82	84	Female	Hatch	SCOT NECK	UNK	4/7/2015	Day	
						Transfer	TOLEDO	10805	4/7/2015	None	
Totals: 0.2.0 (2)											
TORONTO – Toronto Zoo, Scarborough, Ontario, Canada											
241	5/18/2002	None	UNK	UNK	Female	Hatch	UNKNOWN		5/18/2002	None	"Edgar"
						Transfer	CALEDONIA		3/27/2012	Unknown	
						Transfer	TORONTO	46428	3/28/2012	None	
247	4/16/2013	None	181	72	Male	Hatch	ROCKTON	CAN ALS 13 90	4/16/2013	None	"Sheldon"
						Transfer	TORONTO	47701	9/4/2014	None	
Totals: 1.1.0 (2)											

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
VALLEYZOO – Valley Zoo & John Janzen Nature Center, Edmonton, Alberta, Canada											
175	6/15/1999	Year	156	158	Female	Hatch	ROCKTON	- 99 68	6/15/1999	Year	
						Transfer	VALLEYZOO	200898	12/7/2012	None	
285	2/14/2016	Day	74	175	Female	Hatch	VALLEYZOO	200940	2/14/2016	Day	“Vega”
Totals: 0.2.0 (2)											
W COAST F – West Coast Falconry, Vacaville, CA, USA											
222	6/15/2005	Year	UNK	UNK	Female	Hatch	TH CULLEN		6/15/2005	Year	“Cailleach”
						Transfer	M MOGLICH		6/19/2005	None	
						Transfer	W COAST F	69 TC Z	8/3/2005	None	
291	5/1/2016	None	UNK	UNK	Female	Hatch	CONWAY	UNK	5/1/2016	None	
						Transfer	W COAST F		6/15/2016	Year	
Totals: 0.2.0 (2)											
W ORANGE – Turtle Back Zoo, West Orange, NJ, USA											
316	5/3/2017	None	UNK	UNK	Male	Hatch	UNKNOWN		5/3/2017	None	
						Transfer	W ORANGE	2179	7/1/2017	None	
317	5/5/2017	None	UNK	UNK	Female	Hatch	UNKNOWN		5/5/2017	None	
						Transfer	W ORANGE	2179	7/1/2017	None	
Totals: 1.1.0 (2)											
WORLD BIRD – Natural Encounters, Inc., Winter Haven, FL, USA											
78	3/30/1998	None	36	35	Female	Hatch	OKLAHOMA	739816	3/30/1998	None	“Bao”
						Transfer	WORLD BIRD	980011	4/9/1998	None	
95	6/10/2000	None	36	35	Male	Hatch	OKLAHOMA	769227	6/10/2000	None	“Archimedes”
						Transfer	WORLD BIRD	000002	6/21/2000	None	
						Transfer	PITTS CA	7310	5/15/2005	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
						Transfer	WORLDBIRD	000002	9/12/2005	None	
						Transfer	SANDIEGOZ	309144	5/8/2009	None	
						Transfer	WORLDBIRD	000002	9/10/2009	None	
						Transfer	SANDIEGOZ	309144	10/27/2009	None	
						Transfer	WORLDBIRD	000002	2/2/2011	None	
						Transfer	DALLAS	11K794	2/3/2011	None	
						Transfer	WORLDBIRD	000002	9/15/2011	None	
						Transfer	DALLAS	11K794	2/13/2012	None	
						Transfer	WORLDBIRD	000002	10/22/2012	None	
117	4/1/2007	None	58	35	Female	Hatch	WORLDBIRD	B07025	4/1/2007	None	"Frank"
149	3/20/2009	None	82	84	Male	Hatch	SCOT NECK		3/20/2009	None	"Stan"
						Transfer	WORLDBIRD	B09007	4/14/2009	None	
						Transfer	SANDIEGOZ	309141	6/12/2009	None	
						Transfer	WORLDBIRD	B09007	9/8/2010	None	
						Transfer	CHATTANOO	B11026	8/29/2011	None	
						Transfer	WORLDBIRD	B09007	10/1/2014	None	
198	2/17/2011	None	82	84	Male	Hatch	SCOT NECK		2/17/2011	None	"Amaru"
						Transfer	WORLDBIRD	B11005	2/23/2011	None	
						Transfer	DALLAS	12M051	2/13/2012	None	
						Transfer	WORLDBIRD	B11005	10/22/2012	None	
199	2/20/2011	None	82	84	Male	Hatch	SCOT NECK		2/20/2011	None	"Aurora"
						Transfer	WORLDBIRD	B11006	2/23/2011	None	
200	2/22/2011	None	82	84	Female	Hatch	SCOT NECK		2/22/2011	None	"Morrisey"
						Transfer	WORLDBIRD	B11007	2/23/2011	None	

S'book ID	Hatch Date	Hatch Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.	House Name
245	3/1/2013	None	82	84	Male	Hatch	SCOT NECK		3/1/2013	None	"Boston"
						Transfer	WORLDBIRD	B13011	3/22/2013	None	
Totals: 5.3.0 (8)											
Total Population: 71.59.04 (134)											

Historical Population

152.121.39 (312) at 104 Institutions

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
1	1/1/1957	Unknown	WILD	WILD	Male	Wild Capture	N.EUROPE		12/10/1959	Unknown
						Transfer	COPENHAGE		12/10/1959	Unknown
						Transfer	SANDIEGOZ	201831	12/11/1959	None
						Death	SANDIEGOZ	201831	12/14/1981	None
2	1/1/1958	Unknown	WILD	WILD	Unknown	Wild Capture	N.EUROPE		12/10/1959	Unknown
						Transfer	COPENHAGE		12/10/1959	Unknown
						Transfer	SANDIEGOZ	340091	12/11/1959	None
						Death	SANDIEGOZ	340091	4/11/1966	None
3	6/15/1964	Year	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1964	Year
						Transfer	BRATISLAV		9/16/1965	Unknown
						Transfer	CALGARY	200326	9/17/1965	None
						Transfer	LEGAL		2/7/1984	None
						Go LTF	LEGAL		11/3/1992	None
4	6/15/1966	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1966	Year
						Transfer	RUSHDEN		1/18/1967	Unknown
						Transfer	CALGARY	200325	1/19/1967	None
						Death	CALGARY	200325	12/21/1980	None
5	6/15/1968	Year	213	214	Male	Hatch	BERLIN TP		6/15/1968	Year
						Transfer	SANDIEGOZ	201832	7/29/1968	None
						Transfer	GIBSBIRDS		5/15/1981	None
						Go LTF	GIBSBIRDS		5/15/1981	None
6	6/15/1968	Year	213	214	Female	Hatch	BERLIN TP		6/15/1968	Year

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	SANDIEGOZ	201833	7/29/1968	None
						Death	SANDIEGOZ	201833	5/10/1981	None
7	6/15/1970	Year	215	216	Female	Hatch	BERLIN TP		6/15/1970	Year
						Transfer	SANDIEGOZ	340092	10/23/1970	None
						Death	SANDIEGOZ	340092	12/18/1970	None
8	2/15/1970	Month	215	216	Female	Hatch	BERLIN TP		2/15/1970	Month
						Transfer	SANDIEGOZ	201836	10/23/1970	None
						Transfer	GIBSBIRDS		5/15/1981	None
						Go LTF	GIBSBIRDS		5/15/1981	None
9	7/30/1970	None	3	4	Male	Hatch	CALGARY	105499	7/30/1970	None
						Transfer	WINNIPEG	6515	2/9/1972	None
						Death	WINNIPEG	6515	8/13/1997	None
10	7/21/1970	None	3	4	Male	Hatch	CALGARY	105498	7/21/1970	None
						Transfer	WINNIPEG	6514	2/9/1972	None
						Transfer	CHAMBERSK		5/15/1991	Month
						Transfer	UNK/FIGG R		6/15/1991	Month
						Go LTF	UNK/FIGG R		6/15/1991	Month
11	4/11/1974	None	MULT 1	6	Female	Hatch	SANDIEGOZ	201835	4/11/1974	None
						Transfer	JURONG		12/14/1981	None
						Death	JURONG		12/15/1981	Unknown
12	4/11/1974	None	MULT 1	6	Female	Hatch	SANDIEGOZ	201834	4/11/1974	None
						Transfer	JURONG		12/14/1981	None
						Death	JURONG		12/15/1981	Unknown
13	4/10/1975	None	5	8	Female	Hatch	SANDIEGOZ	201837	4/10/1975	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	INDIANAPL	55	5/11/1978	None
						Death	INDIANAPL	55	9/18/1981	None
14	4/10/1975	None	5	8	Male	Hatch	SANDIEGOZ	201838	4/10/1975	None
						Transfer	GIBSBIRDS		4/14/1981	None
						Go LTF	GIBSBIRDS		4/14/1981	None
15	5/10/1977	None	5	8	Male	Hatch	SANDIEGOZ	201839	5/10/1977	None
						Transfer	INDIANAPL	56	5/11/1978	None
						Transfer	UNK/MCVEIGH		6/9/1978	None
						Go LTF	UNK/MCVEIGH		6/9/1978	None
16	5/10/1977	None	5	8	Male	Hatch	SANDIEGOZ	201840	5/10/1977	None
						Transfer	INDIANAPL	54	5/11/1978	None
						Transfer	CRAWFRD W		11/3/1987	None
						Transfer	INDIANAPL	54	8/4/1991	None
						Transfer	UNK/ASDELL		8/26/1991	None
						Death	UNK/ASDELL		2/15/1999	Month
17	5/10/1977	None	5	8	Unknown	Hatch	SANDIEGOZ	201841	5/10/1977	None
						Transfer	BERWICK P	840085	12/31/1982	None
						Go LTF	BERWICK P	840085	12/31/1982	None
18	5/8/1978	None	5	8	Unknown	Hatch	SANDIEGOZ	202346	5/8/1978	None
						Transfer	JURONG		12/14/1981	None
						Death	JURONG		12/15/1981	Unknown
19	5/15/1980	Month	UNK	UNK	Male	Hatch	UNK/VINELAND		5/15/1980	Month
						Transfer	WINNIPEG	990490	3/25/1981	None
						Transfer	CHAMBERSK		5/15/1991	Month

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	UNK/FIGG R		6/15/1991	Month
						Go LTF	UNK/FIGG R		6/15/1991	Month
20	3/15/1980	Month	UNK	UNK	Male	Hatch	UNK/VINELAND		3/15/1980	Month
						Transfer	WINNIPEG	990491	3/25/1981	None
						Death	WINNIPEG	990491	2/1/1984	None
21	3/13/1984	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		3/13/1984	Unknown
						Transfer	SANDIEGOZ		3/13/1984	Unknown
						Transfer	BOISE	940076	3/14/1984	None
						Death	BOISE	940076	5/22/2009	None
22	5/15/1984	Month	UNK	UNK	Female	Hatch	UNK/KEENS		5/15/1984	Month
						Transfer	WINNIPEG	001126	7/2/1987	None
						Transfer	LECUYER J		11/12/1997	None
						Go LTF	LECUYER J		11/12/1997	None
23	5/15/1984	Month	UNK	UNK	Female	Hatch	UNK/KEENS		5/15/1984	Month
						Transfer	B SAYERS		7/1/1987	Unknown
						Transfer	WINNIPEG	990492	7/2/1987	None
						Transfer	CHAMBERSK		5/15/1991	Month
						Transfer	UNK/FIGG R		6/15/1991	Month
						Go LTF	UNK/FIGG R		6/15/1991	Month
24	6/15/1988	Year	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1988	Year
						Transfer	CCSS	PAC 2012	6/16/1988	Unknown
						Go LTF	CCSS	PAC 2012	12/23/2014	None
25	6/15/1986	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1986	Year
						Transfer	CCSS	World DK15	6/16/1986	Year

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Go LTF	CCSS	World DK15	12/23/2014	None
26	5/15/1986	Month	196	197	Female	Hatch	B SAYERS		5/15/1986	Month
						Transfer	WINNIPEG	001127	10/1/1986	None
						Death	WINNIPEG	001127	8/23/2006	None
27	5/15/1986	Month	196	197	Male	Hatch	B SAYERS		5/15/1986	Month
						Transfer	WINNIPEG	001128	7/2/1987	None
						Transfer	LANSING	3046	6/3/2011	None
						Death	LANSING	3046	7/14/2014	None
28	5/15/1986	Month	196	197	Male	Hatch	B SAYERS		5/15/1986	Month
						Transfer	WINNIPEG	990489	10/1/1986	None
						Death	WINNIPEG	990489	10/29/1986	None
29	6/15/1980	Year	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1980	Year
						Transfer	CCSS	PAC 2078	6/15/1985	Year
						Death	CCSS	PAC 2078	6/15/2015	Year
30	5/21/1988	None	10	23	Unknown	Hatch	WINNIPEG	990493	5/21/1988	None
						Transfer	JURONG		11/13/1988	None
						Death	JURONG		11/14/1988	Unknown
31	5/23/1988	None	10	23	Unknown	Hatch	WINNIPEG	990494	5/23/1988	None
						Transfer	JURONG		11/13/1988	None
						Death	JURONG		11/14/1988	Unknown
32	6/15/1984	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1984	Year
						Transfer	CCSS	231 Hhref	6/15/1989	Year
						Go LTF	CCSS	231 Hhref	12/23/2014	None
33	5/22/1989	None	10	23	Unknown	Hatch	WINNIPEG	990495	5/22/1989	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	CHAMBERSK		5/15/1991	Month
						Transfer	UNK/FIGG R		6/15/1991	Month
						Go LTF	UNK/FIGG R		6/15/1991	Month
34	6/2/1989	Month	10	23	Unknown	Hatch	WINNIPEG	990496	6/2/1989	Month
						Transfer	CHAMBERSK		5/15/1991	Month
						Transfer	UNK/FIGG R		6/15/1991	Month
						Go LTF	UNK/FIGG R		6/15/1991	Month
35	6/15/1990	Year	29	32	Female	Hatch	CCSS		6/15/1990	Year
						Transfer	OKLAHOMA	574302	1/23/1992	None
						Transfer	KNOXVILLE	4630	4/23/2013	None
36	6/15/1990	Year	24	25	Male	Hatch	CCSS		6/15/1990	Year
						Transfer	OKLAHOMA	574201	1/23/1992	None
						Transfer	WORLDBIRD	B04016	1/15/2004	None
						Transfer	LANSING	2855	5/1/2008	None
						Transfer	WORLDBIRD	B04016	7/18/2011	None
						Transfer	KNOXVILLE	4706	11/12/2013	None
37	5/15/1990	Month	153	152	Male	Hatch	ROCKTON		5/15/1990	Month
						Transfer	MINNESOTA	6639	8/8/1990	None
38	3/15/1993	Month	153	152	Male	Hatch	ROCKTON	940180	3/15/1993	Month
						Transfer	ELMVALE		3/7/1994	None
						Go LTF	ELMVALE		3/7/1994	None
						Return From LTF	ELMVALE		11/13/1994	None
						Transfer	BOISE	940139	11/14/1994	None
						Transfer	PUEBLO	B29026	11/19/2009	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
39	4/15/1991	Month	153	152	Female	Hatch	ROCKTON	ALS CA 9189	4/15/1991	Month
						Transfer	WORLDBIRD		10/14/1991	Unknown
						Transfer	SEA WORLD	EE0001	10/15/1991	None
						Death	SEA WORLD	EE0001	11/12/2013	None
40	5/23/1991	None	UNK	UNK	Male	Hatch	UNKNOWN		5/23/1991	None
						Transfer	ROBINSON		6/14/1991	Unknown
						Transfer	REDWOOD	6585	6/15/1991	None
41	6/15/1992	Year	153	152	Male	Hatch	ROCKTON		6/15/1992	Year
						Transfer	SEA WORLD		6/15/1992	Year
						Transfer	K CALDWEL		6/15/2001	Year
						Transfer	SD-WAP	805003	1/6/2005	None
42	3/12/1992	None	153	152	Female	Hatch	ROCKTON	ALS CAN 92 74	3/12/1992	None
						Transfer	KANSASCTY	202870	6/23/1992	None
43	4/30/1992	None	9	22	Unknown	Hatch	WINNIPEG	990497	4/30/1992	None
						Transfer	CHAMBERSK		11/18/1992	None
						Transfer	UNK/FIGG R		12/18/1992	Month
						Go LTF	UNK/FIGG R		12/18/1992	Month
44	5/3/1992	Month	9	22	Unknown	Hatch	WINNIPEG	990498	5/3/1992	Month
						Transfer	CHAMBERSK		11/18/1992	None
						Transfer	UNK/FIGG R		12/18/1992	Month
						Go LTF	UNK/FIGG R		12/18/1992	Month
45	5/7/1992	None	9	22	Unknown	Hatch	WINNIPEG	990499	5/7/1992	None
						Death	WINNIPEG	990499	5/24/1992	None
46	3/2/1993	None	194	195	Female	Hatch	CRAWFRD W		3/2/1993	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	KNOXVILLE	478	8/5/1994	None
						Transfer	OKLAHOMA	770432	4/16/2013	None
						Transfer	STATEN IS	B15001	2/2/2015	None
						Transfer	COLUMBUS	116089	11/18/2016	None
47	5/2/1993	None	9	22	Unknown	Hatch	WINNIPEG	990500	5/2/1993	None
						Transfer	CHAMBERSK		10/19/1993	None
						Transfer	UNK/FIGG R		11/19/1993	Month
						Go LTF	UNK/FIGG R		11/19/1993	Month
48	5/2/1993	None	9	22	Unknown	Hatch	WINNIPEG	990501	5/2/1993	None
						Transfer	CHAMBERSK		10/19/1993	None
						Transfer	UNK/FIGG R		11/19/1993	Month
						Go LTF	UNK/FIGG R		11/19/1993	Month
49	5/2/1993	None	9	22	Unknown	Hatch	WINNIPEG	990502	5/2/1993	None
						Transfer	CHAMBERSK		10/19/1993	None
						Transfer	UNK/FIGG R		11/19/1993	Month
						Go LTF	UNK/FIGG R		11/19/1993	Month
50	5/28/1993	None	27	26	Unknown	Hatch	WINNIPEG	001129	5/28/1993	None
						Transfer	CHAMBERSK		10/19/1993	None
						Transfer	UNK/FIGG R		11/19/1993	Month
						Go LTF	UNK/FIGG R		11/19/1993	Month
51	6/15/1994	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1994	Year
						Transfer	ROBINSON		10/31/2000	Unknown
						Transfer	WORLDBIRD	000029	11/15/2000	Month
						Go LTF	WORLDBIRD	000029	11/15/2000	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Return From LTF	WORLDBIRD	000029	5/18/2004	None
						Transfer	SCOT NECK		5/19/2004	None
						Death	SCOT NECK		6/15/2006	Year
52	4/15/1994	None	9	22	Unknown	Hatch	WINNIPEG	001438	4/15/1994	None
						Transfer	LAVAL	960022	6/17/1996	None
						Transfer	SALIBA D		6/17/1996	None
						Go LTF	SALIBA D		6/17/1996	None
53	4/15/1994	None	9	22	Unknown	Hatch	WINNIPEG	001437	4/15/1994	None
						Death	WINNIPEG	001437	5/3/1994	None
54	5/6/1994	None	36	35	Male	Hatch	OKLAHOMA	646603	5/6/1994	None
						Transfer	DALLAS	949103	7/21/1994	None
						Transfer	DALLASBPC		4/17/1996	None
						Go LTF	DALLASBPC		4/17/1996	None
						Return From LTF	DALLASBPC		9/20/1996	None
						Transfer	DALLAS	949103	9/20/1996	None
55	5/12/1994	None	36	35	Male	Hatch	OKLAHOMA	646605	5/12/1994	None
						Transfer	DALLAS	949102	7/21/1994	None
						Death	DALLAS	949102	7/31/1994	None
56	5/12/1994	None	36	35	Unknown	Hatch	OKLAHOMA	646604	5/12/1994	None
						Death	OKLAHOMA	646604	5/20/1994	None
57	5/24/1994	None	UNK	UNK	Female	Hatch	UNKNOWN		5/24/1994	None
						Transfer	WORLDBIRD		4/7/1999	Unknown
						Transfer	DENVER	990134	4/8/1999	None
58	6/15/1995	Year	UNK	UNK	Male	Hatch	TH CULLEN		6/15/1995	Year

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	UNK/KNOWLTON	L066979	8/19/2001	Unknown
						Transfer	WORLDBIRD	010029	8/20/2001	None
						Transfer	OKLAHOMA	769729	4/26/2004	None
59	5/4/1995	None	36	35	Male	Hatch	OKLAHOMA	667706	5/4/1995	None
						Transfer	KARGER J		10/2/1996	None
						Go LTF	KARGER J		10/2/1996	None
60	5/18/1995	None	9	22	Unknown	Hatch	WINNIPEG	002078	5/18/1995	None
						Transfer	LAVAL	960024	6/17/1996	None
						Transfer	SALIBA D		6/17/1996	None
						Go LTF	SALIBA D		6/17/1996	None
61	5/18/1995	None	9	22	Unknown	Hatch	WINNIPEG	002077	5/18/1995	None
						Transfer	LAVAL	960023	6/17/1996	None
						Transfer	SALIBA D		6/17/1996	None
						Go LTF	SALIBA D		6/17/1996	None
62	5/25/1995	None	27	26	Unknown	Hatch	WINNIPEG	002075	5/25/1995	None
						Transfer	LAVAL	960021	6/17/1996	None
						Transfer	SALIBA D		6/17/1996	None
						Go LTF	SALIBA D		6/17/1996	None
63	5/25/1995	None	27	26	Unknown	Hatch	WINNIPEG	002074	5/25/1995	None
						Transfer	LAVAL	960020	6/17/1996	None
						Transfer	SALIBA D		6/17/1996	None
						Go LTF	SALIBA D		6/17/1996	None
64	4/24/1996	None	36	35	Female	Hatch	OKLAHOMA	688507	4/24/1996	None
						Transfer	KARGER J		10/2/1996	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	OKLAHOMA	688507	12/6/1996	None
						Transfer	KARGER J		7/31/1997	None
						Go LTF	KARGER J		7/31/1997	None
65	4/27/1996	None	36	35	Female	Hatch	OKLAHOMA	688508	4/27/1996	None
						Transfer	KARGER J		7/31/1997	None
						Go LTF	KARGER J		7/31/1997	None
66	4/29/1996	None	36	35	Female	Hatch	OKLAHOMA	688509	4/29/1996	None
						Transfer	FRESNO	960111	8/29/1996	None
						Transfer	OMAHA	11049	5/6/1999	None
67	5/2/1996	None	36	35	Male	Hatch	OKLAHOMA	688510	5/2/1996	None
						Transfer	KARGER J		7/31/1997	None
						Go LTF	KARGER J		7/31/1997	None
68	5/8/1996	None	36	35	Unknown	Hatch	OKLAHOMA	688511	5/8/1996	None
						Transfer	KARGER J		11/27/1996	None
						Go LTF	KARGER J		11/27/1996	None
69	4/15/1996	Month	163	162	Male	Hatch	ROCKTON	960114	4/15/1996	Month
						Transfer	VALLEYZOO	200708	4/27/2001	None
						Death	VALLEYZOO	200708	6/29/2011	None
70	6/8/1997	None	36	35	Male	Hatch	OKLAHOMA	715914	6/8/1997	None
						Transfer	WORLDBIRD	970307	7/2/1997	None
						Transfer	TACOMA	98A017	6/2/1998	None
						Death	TACOMA	98A017	8/16/2015	None
71	12/25/1996	None	163	162	Male	Hatch	ROCKTON	980026	12/25/1996	None
						Transfer	GRANBY	B97148	1/31/2003	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Death	GRANBY	B97148	6/17/2016	None
72	4/15/1997	Month	163	162	Female	Hatch	ROCKTON	980029	4/15/1997	Month
						Transfer	GRANBY	B97147	1/31/2003	None
						Transfer	ROCKTON	ALS CAN 97 62	1/26/2013	None
						Death	ROCKTON	ALS CAN 97 62	1/8/2016	None
73	4/9/1997	None	36	35	Unknown	Hatch	OKLAHOMA	712312	4/9/1997	None
						Transfer	WORLDBIRD	970605	5/6/1997	None
						Death	WORLDBIRD	970605	7/27/1997	None
74	4/15/1997	Month	163	162	Male	Hatch	ROCKTON	ALS CAN 97 61	4/15/1997	Month
						Transfer	VALLEYZOO	200707	4/27/2001	None
						Transfer	GRANBY	B97150	7/6/2017	None
75	6/8/1997	None	36	35	Male	Hatch	OKLAHOMA	715913	6/8/1997	None
						Transfer	WORLDBIRD	970207	7/2/1997	None
						Go LTF	WORLDBIRD	970207	7/3/1997	None
						Return From LTF	WORLDBIRD	970207	5/13/2004	None
						Transfer	COLO SPRG	24A008	5/14/2004	None
						Transfer	SCOT NECK		9/27/2007	None
						Death	SCOT NECK		4/14/2014	None
76	6/10/1998	None	36	35	Male	Hatch	OKLAHOMA	744119	6/10/1998	None
						Transfer	WORLDBIRD	980021	6/15/1998	None
						Transfer	LOWRY	203452	11/10/1998	None
77	3/30/1998	None	36	35	Male	Hatch	OKLAHOMA	739815	3/30/1998	None
						Transfer	WORLDBIRD	980014	4/9/1998	None
						Transfer	UNK/HAWK CRK		10/15/1999	Month

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Death	UNKNOWN		11/15/1999	Month
78	3/30/1998	None	36	35	Female	Hatch	OKLAHOMA	739816	3/30/1998	None
						Transfer	WORLDBIRD	980011	4/9/1998	None
79	3/30/1998	None	36	35	Male	Hatch	OKLAHOMA	739817	3/30/1998	None
						Transfer	WORLDBIRD	980012	4/9/1998	None
						Death	WORLDBIRD	980012	1/25/2006	None
80	3/30/1998	None	36	35	Male	Hatch	OKLAHOMA	739818	3/30/1998	None
						Transfer	WORLDBIRD	980013	4/9/1998	None
						Death	WORLDBIRD	980013	7/31/2002	None
81	4/15/1998	Month	UNK	UNK	Female	Hatch	ROCKTON		4/15/1998	Month
						Transfer	SEA WORLD		6/15/1998	Year
						Transfer	K CALDWEL		6/15/2002	Year
						Transfer	SD-WAP	803198	8/19/2003	None
						Death	SD-WAP	803198	6/27/2017	None
82	6/10/1998	None	36	35	Male	Hatch	OKLAHOMA	744120	6/10/1998	None
						Transfer	WORLDBIRD	980022	6/18/1998	None
						Go LTF	WORLDBIRD	980022	6/19/1998	None
						Return From LTF	WORLDBIRD	980022	5/18/2004	None
						Transfer	SCOT NECK	A4	5/19/2004	None
83	6/10/1998	None	36	35	Unknown	Hatch	OKLAHOMA	744121	6/10/1998	None
						Death	OKLAHOMA	744121	6/17/1998	None
84	3/13/2002	Month	120	121	Female	Hatch	CRAWFRD W	M023	3/13/2002	Month
						Transfer	WORLDBIRD	020018	4/25/2002	None
						Go LTF	WORLDBIRD	020018	4/26/2002	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Return From LTF	WORLDBIRD	020018	7/1/2005	None
						Transfer	COLO SPRG	25A003	7/2/2005	None
						Transfer	SCOT NECK	A3	9/27/2007	None
85	6/15/2000	Year	29	32	Male	Hatch	CCSS	25-493	6/15/2000	Year
						Transfer	SAN ANTON	Y03007	5/1/2003	None
						Transfer	KANSASCTY	A12046	8/9/2012	None
86	4/20/1999	None	36	35	Unknown	Hatch	OKLAHOMA	757122	4/20/1999	None
						Transfer	WORLDBIRD	990013	6/26/1999	None
						Death	WORLDBIRD	990013	12/27/1999	Month
87	4/20/1999	None	36	35	Unknown	Hatch	OKLAHOMA	757123	4/20/1999	None
						Transfer	WORLDBIRD	990014	5/26/1999	None
						Death	WORLDBIRD	990014	3/2/2000	Month
88	4/20/1999	None	36	35	Male	Hatch	OKLAHOMA	757124	4/20/1999	None
						Transfer	QUITUGUA		7/6/2002	None
						Go LTF	QUITUGUA		12/23/2014	None
89	6/15/1994	Year	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1994	Year
						Transfer	ROBINSON		5/14/1999	Unknown
						Transfer	WORLDBIRD	000030	5/15/1999	Month
						Go LTF	WORLDBIRD	000030	5/16/1999	None
						Return From LTF	WORLDBIRD	000030	5/13/2004	None
						Transfer	COLO SPRG	24A007	5/14/2004	None
						Transfer	WORLDBIRD	000030	8/12/2005	None
						Go LTF	WORLDBIRD	000030	8/12/2005	None
90	6/15/1999	Year	24	25	Female	Hatch	CCSS	25-420	6/15/1999	Year

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	SAN ANTON	Y03008	5/1/2003	None
						Death	SAN ANTON	Y03008	11/9/2008	None
91	3/15/2000	Month	24	25	Female	Hatch	CCSS	25-484	3/15/2000	Month
						Transfer	DENVER	A03439	12/11/2003	None
92	6/15/2002	Year	29	32	Male	Hatch	CCSS	25-489	6/15/2002	Year
						Transfer	DENVER	A03438	12/11/2003	None
						Transfer	FT WAYNE	98789	3/13/2015	None
93	3/23/2000	None	36	35	Female	Hatch	OKLAHOMA	768726	3/23/2000	None
						Transfer	G PRIEST		5/2/2000	Unknown
						Transfer	SANDIEGOZ	300125	5/3/2000	None
94	3/23/2000	None	36	35	Male	Hatch	OKLAHOMA	768725	3/23/2000	None
						Transfer	ATLANTA	A00026	10/25/2000	None
						Transfer	LUU P	UNK	11/11/2015	None
						Go LTF	LUU P	UNK	11/11/2015	None
95	6/10/2000	None	36	35	Male	Hatch	OKLAHOMA	769227	6/10/2000	None
						Transfer	WORLDBIRD	000002	6/21/2000	None
						Transfer	PITTS CA	7310	5/15/2005	None
						Transfer	WORLDBIRD	000002	9/12/2005	None
						Transfer	SANDIEGOZ	309144	5/8/2009	None
						Transfer	WORLDBIRD	000002	9/10/2009	None
						Transfer	SANDIEGOZ	309144	10/27/2009	None
						Transfer	WORLDBIRD	000002	2/2/2011	None
						Transfer	DALLAS	11K794	2/3/2011	None
						Transfer	WORLDBIRD	000002	9/15/2011	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	DALLAS	11K794	2/13/2012	None
						Transfer	WORLDBIRD	000002	10/22/2012	None
96	6/15/2001	Year	29	32	Male	Hatch	CCSS		6/15/2001	Year
						Transfer	CALGARY	105847	12/12/2001	None
						Transfer	VALLEYZOO	200839	6/26/2008	None
						Transfer	STATEN IS	113067	8/3/2013	None
						Transfer	COLUMBUS	116088	11/18/2016	None
97	6/15/2001	Year	24	25	Male	Hatch	CCSS		6/15/2001	Year
						Transfer	CALGARY	105846	12/12/2001	None
						Death	CALGARY	105846	9/22/2004	None
98	5/19/2002	None	120	121	Female	Hatch	CRAWFRD W	WBSMO25	5/19/2002	None
						Transfer	RIO GRAND	B02057	9/12/2002	None
99	6/15/2003	Year	24	25	Male	Hatch	CCSS	128	6/15/2003	Year
						Transfer	COLUMBIA	8184	11/9/2004	None
						Death	COLUMBIA	8184	12/5/2015	None
100	3/15/2002	None	120	121	Male	Hatch	CRAWFRD W		3/15/2002	None
						Transfer	NASHV ZOO	1879	5/22/2002	None
101	4/1/2002	Month	24	25	Male	Hatch	CCSS	PAC 2068	4/1/2002	Month
						Transfer	LITTLEROC	6239	5/2/2003	None
						Transfer	FT WAYNE	97980	7/31/2007	None
						Death	FT WAYNE	97980	11/28/2007	None
102	4/8/2002	None	UNK	UNK	Female	Hatch	ROCKTON	UNK	4/8/2002	None
						Transfer	PITTS CA	6333	11/22/2002	None
103	5/22/2002	None	120	121	Female	Hatch	CRAWFRD W	WBSMO26	5/22/2002	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	PITTS CA	6296	9/15/2002	Month
						Transfer	LOUISVILL	202131	7/21/2005	None
						Transfer	FT WAYNE	97803	11/2/2006	None
						Death	FT WAYNE	97803	5/17/2014	None
104	3/15/2003	Month	29	32	Female	Hatch	CCSS	PAC 2102	3/15/2003	Month
						Transfer	COLUMBIA	8185	11/9/2004	None
105	5/15/2003	None	120	121	Female	Hatch	CRAWFRD W	WBS033	5/15/2003	None
						Transfer	COLUMBUS	103037	7/16/2003	None
106	4/15/1994	None	194	195	Male	Hatch	CRAWFRD W		4/15/1994	None
						Transfer	CINCINNAT	294059	4/23/1994	None
						Transfer	LANSING	2569	5/7/2003	None
107	5/13/2003	Unknown	MULT 6	MULT 7	Male	Hatch	TH CULLEN		5/13/2003	Unknown
						Transfer	ZOO IMPRT		8/18/2003	Unknown
						Transfer	METROZOO	B30234	8/19/2003	None
						Transfer	FT WAYNE	98206	6/30/2009	None
						Transfer	DENVER	A15010	1/21/2015	None
108	5/19/2003	None	36	35	Female	Hatch	OKLAHOMA	769528	5/19/2003	None
						Transfer	WILD WRLD	8704	11/6/2008	None
						Go LTF	WILD WRLD	8704	12/23/2014	None
109	5/1/2004	Month	MULT 6	MULT 7	Female	Hatch	TH CULLEN		5/1/2004	Month
						Transfer	LOSANGELE	990951	7/15/2004	None
110	6/15/2005	Year	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2005	Year
						Transfer	WORLDBIRD	B05021	7/1/2005	None
						Transfer	PITTS CA	7355	5/7/2006	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	WORLDBIRD	B05021	9/12/2006	None
						Transfer	PITTS CA	7355	2/28/2008	None
111	6/15/2005	Year	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2005	Year
						Transfer	WORLDBIRD	B05020	7/1/2005	None
						Transfer	PITTS CA	7354	11/23/2008	None
112	4/18/2005	Day	UNK	UNK	Male	Hatch	CRAWFRD W		4/18/2005	Day
						Transfer	TACOMA	T05A01	6/13/2005	None
113	5/31/2006	Month	UNK	UNK	Male	Hatch	CRAWFRD W		5/31/2006	Month
						Transfer	AV RECOND		8/20/2006	Unknown
						Transfer	DREHER PA	206112	8/21/2006	None
114	3/22/2007	None	58	35	Unknown	Hatch	OKLAHOMA	770230	3/22/2007	None
						Death	OKLAHOMA	770230	3/23/2007	None
115	3/24/2007	None	58	35	Unknown	Hatch	WORLDBIRD	B07023	3/24/2007	None
						Transfer	RAPT P NY		4/17/2009	None
						Go LTF	RAPT P NY		4/17/2009	None
116	3/27/2007	None	58	35	Male	Hatch	WORLDBIRD	B07024	3/27/2007	None
						Transfer	SANDIEGOZ	309143	10/19/2010	None
						Transfer	WORLDBIRD	B07024	2/2/2011	None
						Transfer	DALLAS	11K795	2/3/2011	None
						Transfer	WORLDBIRD	B07024	11/9/2011	None
						Transfer	DALLAS	11K795	2/13/2012	None
117	4/1/2007	None	58	35	Female	Hatch	WORLDBIRD	B07025	4/1/2007	None
118	6/15/1989	Year	UNK	UNK	Female	Hatch	CCSS		6/15/1989	Year
						Transfer	BUFFALO	90B55	12/20/1990	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	KARGER J		2/2/1994	None
						Go LTF	KARGER J		2/2/1994	None
119	6/15/1989	Year	UNK	UNK	Male	Hatch	CCSS		6/15/1989	Year
						Transfer	BUFFALO	90B56	12/20/1990	None
						Transfer	KARGER J		2/2/1994	None
						Go LTF	KARGER J		2/2/1994	None
120	6/15/1989	Year	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1989	Year
						Transfer	FLORIDA		6/16/1989	Unknown
						Transfer	CRAWFRD W	UNK	10/9/1990	None
121	6/15/1995	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1995	Unknown
						Transfer	CRAWFRD W	UNK	11/10/1995	None
122	4/1/2007	Month	MULT 3	MULT 2	Female	Hatch	CCSS		4/1/2007	Month
						Transfer	NY BRONX	E08005	2/14/2008	None
123	6/15/1995	Year	UNK	UNK	Female	Hatch	TH CULLEN		6/15/1995	Year
						Transfer	UNK/KNOWLTON	L066978	8/19/2001	Unknown
						Transfer	WORLDBIRD	010028	8/20/2001	None
						Transfer	LANSING	2854	5/1/2008	None
						Death	LANSING	2854	9/1/2014	None
124	3/11/2002	None	120	121	Unknown	Hatch	CRAWFRD W	M022	3/11/2002	None
						Transfer	WORLDBIRD	020017	4/25/2002	None
						Transfer	ROBINSON		11/7/2007	None
						Go LTF	ROBINSON		11/7/2007	None
125	2/5/1993	None	UNK	UNK	Female	Hatch	BIRDAHVEN		2/5/1993	None
						Transfer	WORLDBIRD	950105	5/1/1995	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	ROBINSON		9/1/1995	None
						Go LTF	ROBINSON		9/1/1995	None
126	6/15/1994	Unknown	UNK	UNK	Female	Hatch	BIRDAVEN		6/15/1994	Unknown
						Transfer	WORLDBIRD	950305	5/1/1995	None
						Transfer	UNK/WLDBRDSNC		11/1/1995	None
						Go LTF	UNK/WLDBRDSNC		11/1/1995	None
127	6/15/2005	Month	UNK	UNK	Female	Hatch	UNKNOWN		6/15/2005	Month
						Transfer	USDI LAW		9/15/2005	Month
						Transfer	SAN FRAN	205018	9/29/2005	None
128	6/15/2005	Month	UNK	UNK	Male	Hatch	UNKNOWN		6/15/2005	Month
						Transfer	USDI LAW		9/15/2005	Month
						Transfer	C GARNER		9/29/2005	Unknown
129	6/15/1997	Unknown	UNK	UNK	Male	Hatch	WELSH HWK		6/15/1997	Unknown
						Transfer	TH CULLEN	M3	6/15/1998	Year
						Go LTF	TH CULLEN	M3	10/4/2011	None
130	6/15/1997	Unknown	UNK	UNK	Male	Hatch	DERBYSHR.		6/15/1997	Unknown
						Transfer	TH CULLEN	M2	6/15/1998	Year
						Go LTF	TH CULLEN	M2	10/4/2011	None
131	6/15/2000	Unknown	MULT 4	MULT 5	Male	Hatch	TH CULLEN	M1	6/15/2000	Unknown
						Go LTF	TH CULLEN	M1	10/4/2011	None
132	6/15/2000	Unknown	MULT 4	MULT 5	Male	Hatch	TH CULLEN	M4	6/15/2000	Unknown
						Go LTF	TH CULLEN	M4	10/4/2011	None
133	6/15/1997	Unknown	UNK	UNK	Female	Hatch	WELSH HWK		6/15/1997	Unknown
						Transfer	TH CULLEN	6	6/15/1998	Year

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Go LTF	TH CULLEN	6	10/4/2011	None
134	6/15/1997	Unknown	UNK	UNK	Female	Hatch	DERBYSHR.		6/15/1997	Unknown
						Transfer	TH CULLEN	72	6/15/1998	Year
						Go LTF	TH CULLEN	72	10/4/2011	None
135	6/15/2000	Unknown	MULT 4	MULT 5	Female	Hatch	TH CULLEN	F1	6/15/2000	Unknown
						Go LTF	TH CULLEN	F1	10/4/2011	None
136	6/15/2000	Unknown	MULT 4	MULT 5	Female	Hatch	TH CULLEN	F2	6/15/2000	Unknown
						Go LTF	TH CULLEN	F2	10/4/2011	None
137	6/15/1995	Year	UNK	UNK	Male	Hatch	ENGLAND		6/15/1995	Year
						Transfer	ABERDE HK	95	11/22/1995	None
						Go LTF	ABERDE HK	95	10/4/2011	None
138	6/15/1995	Year	UNK	UNK	Female	Hatch	ENGLAND		6/15/1995	Year
						Transfer	ABERDE HK	96	11/22/1995	None
						Go LTF	ABERDE HK	96	10/4/2011	None
139	6/15/1995	Year	UNK	UNK	Male	Hatch	ENGLAND		6/15/1995	Year
						Transfer	ABERDE HK	97	11/22/1995	None
						Go LTF	ABERDE HK	97	10/4/2011	None
140	6/15/1995	Year	UNK	UNK	Female	Hatch	ENGLAND		6/15/1995	Year
						Transfer	ABERDE HK	98	11/22/1995	None
						Go LTF	ABERDE HK	98	10/4/2011	None
141	5/9/2001	None	139	140	Male	Hatch	ABERDE HK	99	5/9/2001	None
						Go LTF	ABERDE HK	99	10/4/2011	None
142	4/3/2004	None	137	138	Male	Hatch	ABERDE HK	667	4/3/2004	None
						Go LTF	ABERDE HK	667	10/4/2011	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
143	4/3/2004	None	137	138	Male	Hatch	ABERDE HK	668	4/3/2004	None
						Go LTF	ABERDE HK	668	10/4/2011	None
144	4/15/2007	None	137	138	Male	Hatch	ABERDE HK	694	4/15/2007	None
						Go LTF	ABERDE HK	694	10/4/2011	None
145	5/27/2008	None	58	35	Female	Hatch	OKLAHOMA	770331	5/27/2008	None
						Transfer	PORTLAND	A80221	10/28/2008	None
						Transfer	STATEN IS	112072	11/16/2012	None
						Transfer	PUEBLO	B35001	4/14/2015	None
147	6/15/2008	Month	82	84	Male	Hatch	SCOT NECK		6/15/2008	Month
						Transfer	WILD WRLD	9066	12/2/2009	None
						Go LTF	WILD WRLD	9066	12/23/2014	None
148	1/24/2009	None	82	84	Female	Hatch	SCOT NECK		1/24/2009	None
						Transfer	WORLDBIRD	B09006	3/9/2009	None
						Transfer	SANDIEGOZ	309140	5/8/2009	None
						Transfer	WORLDBIRD	B09006	9/8/2010	None
						Transfer	DALLAS	11K933	3/21/2011	None
						Transfer	WORLDBIRD	B09006	11/9/2011	None
						Transfer	FT WAYNE	98788	3/11/2015	None
149	3/20/2009	None	82	84	Male	Hatch	SCOT NECK		3/20/2009	None
						Transfer	WORLDBIRD	B09007	4/14/2009	None
						Transfer	SANDIEGOZ	309141	6/12/2009	None
						Transfer	WORLDBIRD	B09007	9/8/2010	None
						Transfer	CHATTANOO	B11026	8/29/2011	None
						Transfer	WORLDBIRD	B09007	10/1/2014	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
150	3/25/2009	None	82	84	Male	Hatch	SCOT NECK		3/25/2009	None
						Transfer	WORLDBIRD	B09008	4/14/2009	None
						Transfer	SANDIEGOZ	309142	6/12/2009	None
						Transfer	WORLDBIRD	B09008	9/10/2009	None
						Transfer	SANDIEGOZ	309142	10/27/2009	None
						Transfer	WORLDBIRD	B09008	2/2/2011	None
						Transfer	UNKNOWN	UNK	2/3/2016	None
						Go LTF	UNKNOWN	UNK	2/3/2016	None
						Return From LTF	UNKNOWN	UNK	4/12/2016	None
						Death	UNKNOWN	UNK	4/13/2016	None
151	3/15/2010	Month	82	84	Male	Hatch	SCOT NECK		3/15/2010	Month
						Transfer	CENTRALPK	C10072	5/9/2010	None
152	9/15/1979	Month	UNK	UNK	Female	Hatch	EUROPE		9/15/1979	Month
						Transfer	ROCKTON	940174	3/9/1980	None
						Death	ROCKTON	940174	9/25/1996	None
153	9/15/1979	Month	UNK	UNK	Male	Hatch	EUROPE		9/15/1979	Month
						Transfer	ROCKTON	940175	3/9/1980	None
						Transfer	QUEBEC	975601	4/1/1997	None
						Go LTF	QUEBEC	975601	4/1/1997	None
154	5/9/1987	Unknown	196	197	Male	Hatch	B SAYERS		5/9/1987	Unknown
						Transfer	LONDON RP	B828	5/10/1987	None
						Transfer	TOLLEY S		6/2/1992	None
						Go LTF	TOLLEY S		6/2/1992	None
155	5/7/1987	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		5/7/1987	Unknown

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	ANTWERP		5/8/1987	Unknown
						Transfer	B SAYERS		5/9/1987	Unknown
						Transfer	LONDON RP	B829	5/10/1987	None
						Transfer	TOLLEY S		6/2/1992	None
						Go LTF	TOLLEY S		6/2/1992	None
156	3/15/1986	Month	153	152	Male	Hatch	ROCKTON	940177	3/15/1986	Month
						Death	ROCKTON	940177	6/15/2005	Year
157	3/15/1988	Month	153	152	Male	Hatch	ROCKTON	940178	3/15/1988	Month
						Transfer	KRATHWOHL		6/15/1991	Year
						Go LTF	KRATHWOHL		10/4/2011	None
158	3/14/1989	Month	UNK	UNK	Female	Hatch	UNKNOWN	UNK	3/14/1989	Month
						Transfer	ROCKTON	940176	3/15/1989	Month
						Death	ROCKTON	940176	4/18/2012	None
159	1/27/1992	None	154	155	Female	Hatch	LONDON RP	B1820	1/27/1992	None
						Transfer	B SAYERS		9/19/1992	None
						Go LTF	B SAYERS		9/19/1992	None
						Return From LTF	B SAYERS		12/4/2000	Unknown
						Transfer	N LTS BC		12/5/2000	Unknown
						Transfer	ROCKTON	52 LON ZOO	12/7/2009	None
						Death	ROCKTON	52 LON ZOO	7/13/2013	None
160	3/15/1992	Month	153	152	Male	Hatch	ROCKTON	940179	3/15/1992	Month
						Transfer	ELMVALE		3/4/1994	None
						Go LTF	ELMVALE		3/4/1994	None
161	3/15/1993	Month	153	152	Female	Hatch	ROCKTON	940181	3/15/1993	Month

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	ELMVALE		10/23/1995	None
						Go LTF	ELMVALE		10/23/1995	None
162	6/15/1981	Unknown	UNK	UNK	Female	Hatch	UNK/ROTH	84510	6/15/1981	Unknown
						Transfer	ORILLIA		6/15/1982	Year
						Transfer	ROCKTON	940346	6/22/1994	None
						Death	ROCKTON	940346	6/15/2005	Year
163	6/15/1981	Unknown	UNK	UNK	Male	Hatch	UNK/ROTH	84500	6/15/1981	Unknown
						Transfer	ORILLIA		6/15/1982	Year
						Transfer	ROCKTON	940347	6/22/1994	None
						Death	ROCKTON	940347	2/19/2003	None
164	3/15/1994	Month	153	152	Female	Hatch	ROCKTON	940348	3/15/1994	Month
						Transfer	ELMVALE		6/15/2003	Year
						Go LTF	ELMVALE		6/15/2003	Year
165	3/15/1994	Month	153	152	Male	Hatch	ROCKTON	940349	3/15/1994	Month
						Transfer	ELMVALE		10/23/1996	None
						Go LTF	ELMVALE		10/23/1996	None
166	3/15/1994	Month	UNK	UNK	Male	Hatch	CCSS		3/15/1994	Month
						Transfer	UNKNOWN		6/21/1994	Unknown
						Transfer	ROCKTON	940350	6/22/1994	None
						Transfer	QUEBEC		4/1/1997	None
						Go LTF	QUEBEC		4/1/1997	None
167	3/15/1994	Month	153	152	Male	Hatch	ROCKTON	CAN ALS 94 66	3/15/1994	Month
						Transfer	ELMVALE		10/23/1996	None
						Go LTF	ELMVALE		10/23/1996	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
168	3/15/1995	Month	163	162	Male	Hatch	ROCKTON	CAN ALS 95 81	3/15/1995	Month
						Death	ROCKTON	CAN ALS 95 81	7/7/2011	Month
169	3/15/1995	Month	163	162	Male	Hatch	ROCKTON	CAN ALS 95 83	3/15/1995	Month
						Transfer	UNKNOWN		6/15/2003	Year
						Go LTF	UNKNOWN		6/15/2003	Year
170	4/15/1996	Month	163	162	Male	Hatch	ROCKTON	CAN ALS 96 62	4/15/1996	Month
						Go LTF	ROCKTON	CAN ALS 96 62	4/24/2003	None
171	4/15/1996	Month	163	162	Male	Hatch	ROCKTON	CAN ALS 96 70	4/15/1996	Month
						Death	ROCKTON	CAN ALS 96 70	6/15/2004	Year
172	4/15/1997	Month	163	162	Male	Hatch	ROCKTON	CAN ALS 97 63	4/15/1997	Month
						Go LTF	ROCKTON	CAN ALS 97 63	4/24/2003	None
173	6/15/1991	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		6/15/1991	Unknown
						Transfer	ROCKTON		6/15/1992	Unknown
						Transfer	UNKNOWN		6/15/1993	Unknown
						Transfer	ROCKTON	NB 1	6/15/2001	Unknown
						Death	ROCKTON	NB 1	4/18/2012	None
174	6/15/2000	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		6/15/2000	Unknown
						Transfer	ROCKTON	NB 2	6/15/2001	Unknown
						Death	ROCKTON	NB 2	4/30/2007	None
175	6/15/1999	Year	156	158	Female	Hatch	ROCKTON	CAN ALS 99 68	6/15/1999	Year
						Transfer	VALLEYZOO	200898	12/7/2012	None
176	3/15/2002	Month	163	162	Male	Hatch	ROCKTON	UNK	3/15/2002	Month
						Transfer	QUEBEC	A35604	9/15/2003	Month
						Go LTF	QUEBEC	A35604	9/15/2003	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Return From LTF	QUEBEC	A35604	6/22/2007	None
						Transfer	AQUAQC	100034	6/23/2007	None
177	6/15/2002	Year	163	162	Female	Hatch	ROCKTON	UNK	6/15/2002	Year
						Transfer	ELMVALE		4/15/2010	Year
						Go LTF	ELMVALE		4/15/2010	Year
178	6/15/2006	Year	174	175	Male	Hatch	ROCKTON	UNK	6/15/2006	Year
						Transfer	ELMVALE		4/15/2010	Year
						Go LTF	ELMVALE		4/15/2010	Year
179	6/15/2006	Year	174	175	Male	Hatch	ROCKTON	- 2629 64	6/15/2006	Year
180	3/15/2007	Year	174	175	Female	Hatch	ROCKTON	CAN ALS 07 53	3/15/2007	Year
181	12/6/2008	Unknown	224	159	Male	Hatch	N LTS BC		12/6/2008	Unknown
						Transfer	ROCKTON	PAC 2239	12/7/2009	None
182	6/15/2005	Year	UNK	UNK	Male	Hatch	CRAWFRD W		6/15/2005	Year
						Transfer	M EMBURY		4/8/2009	Unknown
						Transfer	PHOENIX	11269	4/9/2009	None
183	3/4/1993	None	UNK	UNK	Female	Hatch	CRAWFRD W		3/4/1993	None
						Transfer	CINCINNAT	293068	5/13/1993	None
						Transfer	CRAWFRD W		4/23/1994	None
						Go LTF	CRAWFRD W		4/23/1994	None
184	6/15/2008	Year	82	84	Female	Hatch	SCOT NECK		6/15/2008	Year
						Transfer	UNKNOWN		11/14/2016	None
						Go LTF	UNKNOWN		11/14/2016	None
185	6/15/2010	Year	82	84	Female	Hatch	SCOT NECK		6/15/2010	Year
						Transfer	M DUPUY		11/24/2015	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Go LTF	M DUPUY		11/24/2015	None
186	5/16/2010	None	120	121	Male	Hatch	CRAWFRD W		5/16/2010	None
						Transfer	CINCINNAT	210163	11/18/2010	None
187	6/15/1985	Unknown	UNK	UNK	Male	Hatch	EUROPE		6/15/1985	Unknown
						Transfer	CANADA		6/15/1986	Unknown
						Transfer	GARRETT R		6/15/1987	Unknown
						Transfer	S MARSH		6/15/1990	Unknown
						Transfer	K YOUNG		6/15/1998	Year
						Go LTF	K YOUNG		10/4/2011	None
188	6/15/1985	Unknown	UNK	UNK	Female	Hatch	EUROPE		6/15/1985	Unknown
						Transfer	CANADA		6/15/1986	Unknown
						Transfer	GARRETT R		6/15/1987	Unknown
						Transfer	S MARSH		6/15/1990	Unknown
						Transfer	K YOUNG		6/15/1998	Year
						Go LTF	K YOUNG		10/4/2011	None
189	5/14/2008	None	187	188	Male	Hatch	K YOUNG		5/14/2008	None
						Transfer	CORPUS CH	BBu0801	7/30/2008	None
190	2/18/2003	None	187	188	Female	Hatch	K YOUNG		2/18/2003	None
						Transfer	A PICO		6/15/2004	Unknown
						Transfer	CBPSC		7/7/2007	None
191	6/15/2002	Year	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2002	Year
						Transfer	A PICO		6/15/2003	Unknown
						Transfer	CBPSC		7/7/2007	None
192	4/14/2010	None	191	190	Female	Hatch	CBPSC		4/14/2010	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
193	6/15/2006	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		6/15/2006	Unknown
						Transfer	GREATBEND	210048	6/15/2007	Year
						Transfer	PALM DES	311002	8/18/2011	None
194	6/15/1989	Unknown	153	152	Male	Hatch	ROCKTON		6/15/1989	Unknown
						Transfer	CRAWFRD W	UNK	11/28/1989	None
195	6/15/1989	Unknown	153	152	Female	Hatch	ROCKTON		6/15/1989	Unknown
						Transfer	CRAWFRD W		11/28/1990	None
						Transfer	D SIDDON	-MO 08	11/15/2005	Month
196	6/15/1968	Year	WILD	WILD	Male	Wild Capture	IRAN		6/15/1968	Year
						Transfer	TEHERAN		7/15/1968	Month
						Transfer	UNK/KING H		8/15/1968	Month
						Transfer	B SAYERS		6/15/1969	Year
						Death	B SAYERS		6/15/2000	Year
197	6/15/1968	Year	WILD	WILD	Female	Wild Capture	IRAN		6/15/1968	Year
						Transfer	TEHERAN		7/15/1968	Month
						Transfer	UNK/KING H		8/15/1968	Month
						Transfer	B SAYERS		6/15/1969	Year
						Death	B SAYERS		6/15/1998	Year
198	2/17/2011	None	82	84	Male	Hatch	SCOT NECK		2/17/2011	None
						Transfer	WORLDBIRD	B11005	2/23/2011	None
						Transfer	DALLAS	12M051	2/13/2012	None
						Transfer	WORLDBIRD	B11005	10/22/2012	None
199	2/20/2011	None	82	84	Male	Hatch	SCOT NECK		2/20/2011	None
						Transfer	WORLDBIRD	B11006	2/23/2011	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
200	2/22/2011	None	82	84	Female	Hatch	SCOT NECK		2/22/2011	None
						Transfer	WORLDBIRD	B11007	2/23/2011	None
201	6/15/2000	Unknown	MULT 4	MULT 5	Male	Hatch	TH CULLEN	10	6/15/2000	Unknown
						Go LTF	TH CULLEN	10	10/4/2011	None
202	6/15/2000	Unknown	MULT 4	MULT 5	Female	Hatch	TH CULLEN	112	6/15/2000	Unknown
						Go LTF	TH CULLEN		10/4/2011	None
203	3/30/2011	None	120	121	Female	Hatch	CRAWFRD W		3/30/2011	None
						Transfer	CINCINNAT	211060	4/23/2011	None
204	4/23/2010	None	181	159	Male	Hatch	ROCKTON	CAN ALS 10 76	4/23/2010	None
						Transfer	TORONTO	44543	10/5/2010	None
						Death	TORONTO	44543	8/21/2013	None
205	8/17/2011	Unknown	MULT 6	MULT 7	Male	Hatch	TH CULLEN		8/17/2011	Unknown
						Transfer	M EMBURY		8/17/2011	Unknown
						Go LTF	M EMBURY		10/4/2011	None
206	8/17/2011	Unknown	MULT 6	MULT 7	Female	Hatch	TH CULLEN		8/17/2011	Unknown
						Transfer	M EMBURY		8/17/2011	Unknown
						Go LTF	M EMBURY		10/4/2011	None
207	6/15/2000	Unknown	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2000	Unknown
						Transfer	G B DAVID		6/15/2001	Unknown
						Go LTF	G B DAVID		5/15/2010	None
208	6/15/2000	Unknown	MULT 6	MULT 7	Female	Hatch	TH CULLEN		6/15/2000	Unknown
						Transfer	G B DAVID		6/15/2001	Unknown
						Go LTF	G B DAVID		5/15/2010	Month
209	6/15/2009	Unknown	MULT 6	MULT 7	Male	Hatch	TH CULLEN		6/15/2009	Unknown

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	CRAWFRD W	UNK	5/17/2010	Unknown
						Transfer	SIA		5/18/2010	Unknown
						Transfer	CAROLINA		5/19/2010	None
						Transfer	CRAWFRD W	UNK	3/15/2012	Month
210	6/15/2009	Unknown	MULT 8	MULT 9	Female	Hatch	CRAWFRD W	UNK	6/15/2009	Unknown
						Transfer	CAROLINA		2/20/2010	None
						Transfer	CRAWFRD W	UNK	3/15/2012	Month
211	4/15/2010	Month	MULT 6	MULT 7	Male	Hatch	TH CULLEN		4/15/2010	Month
						Transfer	CAROLINA	14502	6/14/2010	None
212	4/15/2010	Month	207	208	Female	Hatch	G B DAVID		4/15/2010	Month
						Transfer	CAROLINA	14484	6/9/2010	None
213	6/15/1965	Unknown	WILD	WILD	Male	Wild Capture	EUROPE		6/14/1966	Unknown
						Transfer	BERLIN TP		6/15/1966	Unknown
						Go LTF	BERLIN TP		12/31/1968	Unknown
214	6/15/1965	Unknown	WILD	WILD	Female	Wild Capture	EUROPE		6/14/1966	Unknown
						Transfer	BERLIN TP		6/15/1966	Unknown
						Go LTF	BERLIN TP		12/31/1968	Unknown
215	6/15/1967	Unknown	WILD	WILD	Male	Wild Capture	TURKEY		6/14/1968	Unknown
						Transfer	BERLIN TP		6/15/1968	Unknown
						Go LTF	BERLIN TP		12/31/1970	Unknown
216	6/15/1967	Unknown	WILD	WILD	Female	Wild Capture	TURKEY		6/14/1968	Unknown
						Transfer	BERLIN TP		6/15/1968	Unknown
						Go LTF	BERLIN TP		12/31/1970	Unknown
217	6/15/1999	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1999	Unknown

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	CFBP		11/9/2000	None
						Transfer	BRDS PREY		11/23/2001	None
						Transfer	CAROLINA	16303	7/28/2012	None
						Death	CAROLINA	16303	8/4/2015	None
218	5/15/2011	Month	82	84	Male	Hatch	SCOT NECK		5/15/2011	Month
						Transfer	CAROLINA	16277	7/18/2012	None
219	4/15/2012	Month	29	32	Female	Hatch	CCSS		4/15/2012	Month
						Go LTF	CCSS		12/23/2014	None
220	4/15/2012	Month	29	32	Male	Hatch	CCSS		4/15/2012	Month
						Go LTF	CCSS		12/23/2014	None
221	4/15/2012	Month	29	32	Male	Hatch	CCSS		4/15/2012	Month
						Go LTF	CCSS		12/23/2014	None
222	6/15/2005	Year	UNK	UNK	Female	Hatch	TH CULLEN		6/15/2005	Year
						Transfer	M MOGLICH		6/19/2005	None
						Transfer	W COAST F	69 TC Z	8/3/2005	None
223	3/27/2012	None	82	84	Male	Hatch	SCOT NECK		3/27/2012	None
						Transfer	WORLD BIRD	B12004	4/6/2012	None
						Transfer	BRDS PREY		4/30/2012	None
224	6/15/1990	Year	154	155	Male	Hatch	LONDON RP		6/15/1990	Year
						Transfer	B SAYERS		6/15/1991	Unknown
						Go LTF	B SAYERS		6/15/1991	Unknown
						Return From LTF	B SAYERS		12/4/2000	Unknown
						Transfer	N LTS BC		12/5/2000	Unknown
						Transfer	ROCKTON		1/30/2013	Unknown

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	CAN R CON		2/14/2014	Unknown
						Go LTF	CAN R CON		2/14/2014	Unknown
225	12/6/2008	Unknown	224	159	Female	Hatch	N LTS BC		12/6/2008	Unknown
						Transfer	ROCKTON		1/30/2013	Unknown
						Transfer	GRANBY	B08010	1/31/2013	None
226	2/14/1989	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/1989	Unknown
						Transfer	ROBINSON		6/14/1990	Unknown
						Transfer	KRATHWOHL		6/15/1990	Year
						Go LTF	KRATHWOHL		10/4/2011	None
228	1/1/1998	Year	157	226	Female	Hatch	KRATHWOHL		1/1/1998	Year
						Transfer	K YOUNG		6/15/2000	Year
						Transfer	D MEADOR		9/15/2011	Month
						Go LTF	D MEADOR		7/15/2012	None
229	5/21/2009	None	187	188	Male	Hatch	K YOUNG		5/21/2009	None
						Transfer	D MEADOR		6/15/2009	Year
						Go LTF	D MEADOR		7/15/2012	None
230	6/15/2012	Year	229	228	Male	Hatch	D MEADOR		6/15/2012	Year
						Transfer	THURMONT		6/16/2012	Year
						Go LTF	THURMONT		6/16/2012	Year
231	6/10/2012	None	229	228	Male	Hatch	D MEADOR		6/10/2012	None
						Transfer	SANDIEGOZ	312286	8/23/2012	None
232	6/15/2007	Year	UNK	UNK	Female	Hatch	CRAWFRD W		6/15/2007	Year
						Transfer	RAPTR ADV		9/14/2008	Unknown
						Transfer	KRATHWOHL		9/15/2008	+/- 3 Months

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Go LTF	KRATHWOHL		10/4/2011	None
233	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CED CK RP		7/11/2011	Unknown
						Transfer	KRATHWOHL		7/12/2011	None
						Go LTF	KRATHWOHL		10/4/2011	None
234	3/13/2013	None	110	102	Female	Hatch	PITTS CA	8139	3/13/2013	None
235	3/8/2013	None	110	102	Male	Hatch	PITTS CA	8138	3/8/2013	None
						Death	PITTS CA	8138	3/9/2013	None
236	2/5/2014	None	74	175	Female	Hatch	VALLEYZOO	200917	2/5/2014	None
						Transfer	CINCINNAT	216053	6/8/2016	None
237	2/5/2014	None	74	175	Male	Hatch	VALLEYZOO	200916	2/5/2014	None
						Transfer	CCSS	UNK	2/19/2015	None
						Go LTF	CCSS	UNK	2/19/2015	None
238	5/15/2006	Month	UNK	UNK	Male	Hatch	TH CULLEN		5/15/2006	Month
						Transfer	FORTUNATO		10/19/2011	Unknown
						Transfer	METROZOO	11B384	10/20/2011	None
239	1/29/2014	None	110	102	Female	Hatch	PITTS CA	8291	1/29/2014	None
						Transfer	SEA WORLD	EE0004	4/25/2014	None
240	6/15/2012	Unknown	UNK	UNK	Unknown	Hatch	UNKNOWN		6/15/2012	Unknown
						Transfer	J SLAVEN		3/26/2013	Unknown
						Transfer	COLUMBUS	113018	3/27/2013	None
						Transfer	J SLAVEN		9/17/2013	None
						Go LTF	J SLAVEN		9/17/2013	None
241	5/18/2002	None	UNK	UNK	Female	Hatch	UNKNOWN		5/18/2002	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	CALEDONIA		3/27/2012	Unknown
						Transfer	TORONTO	46428	3/28/2012	None
243	3/29/2012	Day	82	84	Unknown	Hatch	SCOT NECK		3/29/2012	Day
						Transfer	WORLDBIRD	B12005	4/6/2012	None
						Death	WORLDBIRD	B12005	4/25/2013	None
244	4/1/2012	Day	82	84	Female	Hatch	SCOT NECK		4/1/2012	Day
						Transfer	WORLDBIRD	B12006	4/6/2012	None
						Transfer	DALLAS	12M392	10/22/2012	None
245	3/1/2013	None	82	84	Male	Hatch	SCOT NECK		3/1/2013	None
						Transfer	WORLDBIRD	B13011	3/22/2013	None
246	6/15/2003	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/2003	Year
						Transfer	CRE QUEST		11/11/2013	Unknown
						Transfer	ROCKTON	PAC 2225	11/12/2013	None
247	4/16/2013	None	181	72	Male	Hatch	ROCKTON	CAN ALS 13 90	4/16/2013	None
						Transfer	TORONTO	47701	9/4/2014	None
248	4/16/2013	None	181	72	Unknown	Hatch	ROCKTON	CAN ALS 13 89	4/16/2013	None
						Transfer	UNKNOWN		7/27/2013	None
						Go LTF	UNKNOWN		7/27/2013	None
249	5/4/2014	None	181	72	Female	Hatch	ROCKTON	CAN ALS 14 83	5/4/2014	None
						Transfer	ORONO	K15006	4/2/2015	None
250	5/8/2014	None	181	72	Male	Hatch	ROCKTON	CAN ALS 14 82	5/8/2014	None
						Transfer	LANSING	4252	8/10/2016	None
251	5/11/2014	None	181	72	Male	Hatch	ROCKTON	CAN ALS 14 84	5/11/2014	None
252	3/8/2013	None	82	84	Male	Hatch	SCOT NECK		3/8/2013	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	DALLAS	13M112	4/9/2013	None
						Transfer	NY BRONX	E15023	6/11/2015	None
253	4/9/2014	Day	82	84	Male	Hatch	SCOT NECK		4/9/2014	Day
						Transfer	LITCHFIEL		4/10/2014	Unknown
254	4/9/2014	Day	82	84	Unknown	Hatch	SCOT NECK		4/9/2014	Day
						Transfer	M DUPUY		4/10/2014	Unknown
						Go LTF	M DUPUY		4/10/2014	Unknown
255	3/27/2011	None	UNK	UNK	Male	Hatch	CRAWFRD W	UNK	3/27/2011	None
258	5/31/2011	None	261	262	Female	Hatch	CED CK RP		5/31/2011	None
						Transfer	WILLIM BU	BGW Bb 1301	3/15/2013	None
						Transfer	BUSCH TAM	65815	1/15/2015	None
259	6/15/2005	Month	UNK	UNK	Male	Hatch	UNKNOWN		6/15/2005	Month
						Transfer	USDI LAW		9/15/2005	Month
						Transfer	UNKNOWN		10/15/2005	Month
						Transfer	CED CK RP		6/15/2013	Year
260	7/11/2004	Unknown	UNK	UNK	Female	Hatch	CRAWFRD W		7/11/2004	Unknown
						Transfer	R SCHWART		7/12/2004	Unknown
						Transfer	WALTHERSD		7/13/2004	Unknown
						Transfer	UNKNOWN		7/14/2004	Unknown
						Transfer	CED CK RP		7/15/2004	Unknown
261	6/15/2003	Year	UNK	UNK	Male	Hatch	TH CULLEN		6/15/2003	Year
						Transfer	WALTHERSD		6/16/2003	Unknown
						Transfer	CED CK RP		6/15/2010	Year
262	6/15/2003	Year	UNK	UNK	Female	Hatch	TH CULLEN		6/15/2003	Year

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	WALTHERSD		6/16/2003	Unknown
						Transfer	CED CK RP		6/17/2010	Year
263	4/14/2014	None	261	262	Male	Hatch	CED CK RP		4/14/2014	None
						Transfer	GULF SHOR		5/7/2014	None
264	5/13/2014	None	259	260	Male	Hatch	CED CK RP		5/13/2014	None
						Go LTF	CED CK RP		12/23/2014	None
265	6/15/2000	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/2000	Year
						Transfer	CRAWFRD W		9/14/2001	Unknown
						Transfer	D SIDDON	-MO 021	9/15/2001	Month
266	6/15/1990	Year	29	32	Male	Hatch	CCSS		6/15/1990	Year
						Go LTF	CCSS		12/23/2014	None
267	6/15/1991	Year	29	32	Female	Hatch	CCSS		6/15/1991	Year
						Go LTF	CCSS		12/23/2014	None
268	6/15/1999	Year	29	32	Male	Hatch	CCSS		6/15/1999	Year
						Go LTF	CCSS		12/23/2014	None
269	6/15/2004	Year	29	32	Female	Hatch	CCSS		6/15/2004	Year
						Go LTF	CCSS		12/23/2014	None
270	6/15/2011	Year	24	25	Female	Hatch	CCSS		6/15/2011	Year
						Go LTF	CCSS		12/23/2014	None
271	6/15/2014	Year	259	260	Female	Hatch	CED CK RP		6/15/2014	Year
						Go LTF	CED CK RP		12/23/2014	None
272	6/15/2007	Year	UNK	UNK	Male	Hatch	TH CULLEN		6/15/2007	Year
						Transfer	UNKNOWN		1/9/2010	Unknown
						Transfer	COAL VAL	B2354	1/10/2010	Day

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
273	6/15/1999	Year	UNK	UNK	Female	Hatch	ORILLIA		6/15/1999	Year
						Transfer	HANDS ON	RUBY	3/4/2012	None
274	4/11/2012	None	UNK	UNK	Female	Hatch	UNKNOWN		4/11/2012	None
						Transfer	BRIGHTSFA	295	5/29/2012	None
275	5/29/2012	None	261	262	Male	Hatch	CED CK RP		5/29/2012	None
						Transfer	BRIGHTSFA	207	7/5/2012	None
276	4/10/2013	None	UNK	UNK	Female	Hatch	LEIBARHEC		4/10/2013	None
						Transfer	HANDS ON	Topaz	5/1/2013	None
277	5/6/2014	None	181	72	Male	Hatch	ROCKTON	CAN ALS 14 81	5/6/2014	None
						Transfer	CRE QUEST	UNK	5/18/2014	None
						Go LTF	CRE QUEST	UNK	5/18/2014	None
						Return From LTF	CRE QUEST	UNK	4/9/2017	None
						Transfer	ORONO	K170002	4/10/2017	None
278	4/7/2015	Day	82	84	Female	Hatch	SCOT NECK	UNK	4/7/2015	Day
						Transfer	TOLEDO	10804	4/7/2015	None
279	4/7/2015	Day	82	84	Female	Hatch	SCOT NECK	UNK	4/7/2015	Day
						Transfer	TOLEDO	10805	4/7/2015	None
280	4/20/2015	None	259	260	Male	Hatch	CED CK RP		4/20/2015	None
						Transfer	B A UNLIM	UNK	10/12/2015	Unknown
						Transfer	LANDRYSAQ	B1	10/13/2015	None
281	5/20/2015	None	191	190	Female	Hatch	CBPSC	CBP SC 11 1	5/20/2015	None
282	6/5/2015	None	107	91	Male	Hatch	DENVER	A15140	6/5/2015	None
						Transfer	COLUMBIA	13725	9/27/2016	None
283	2/11/2016	None	110	102	Male	Hatch	PITTS CA	8646	2/11/2016	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
						Transfer	HOUSTON	31122	7/19/2016	None
284	2/13/2016	None	110	102	Male	Hatch	PITTS CA	8647	2/13/2016	None
285	2/14/2016	Day	74	175	Female	Hatch	VALLEYZOO	200940	2/14/2016	Day
286	4/6/2016	None	107	91	Male	Hatch	DENVER	A16074	4/6/2016	None
287	4/6/2016	None	107	91	Female	Hatch	DENVER	A16075	4/6/2016	None
						Transfer	LANSING	4292	5/25/2017	None
288	4/9/2016	None	UNK	UNK	Male	Hatch	UNKNOWN		4/9/2016	None
						Transfer	SYRACUSE	B16085	5/9/2016	None
289	4/16/2016	None	181	246	Unknown	Hatch	ROCKTON	CAN ALS 16 71	4/16/2016	None
						Transfer	CAN R CON	UNK	5/31/2016	None
						Go LTF	CAN R CON	UNK	5/31/2016	None
290	4/20/2016	None	191	190	Female	Hatch	CBPSC	CBP SC 11 2	4/20/2016	None
						Transfer	MINNESOTA	14531	6/17/2016	None
291	5/1/2016	None	UNK	UNK	Female	Hatch	CONWAY	UNK	5/1/2016	None
						Transfer	W COAST F		6/15/2016	Year
292	5/3/2016	None	251	180	Female	Hatch	ROCKTON	UNK	5/3/2016	None
293	5/5/2016	None	251	180	Male	Hatch	ROCKTON	CAN ALS 16 79	5/5/2016	None
294	6/5/2016	None	82	84	Male	Hatch	SCOT NECK	UNK	6/5/2016	None
						Transfer	KNOXVILLE	5196	7/18/2016	None
295	4/9/2016	None	191	190	Unknown	Hatch	CBPSC	CBP SC 11 3	4/9/2016	None
						Transfer	BARNHILL	UNK	4/10/2016	Unknown
						Go LTF	BARNHILL	UNK	4/10/2016	Unknown
296	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
297	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown
298	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown
299	2/14/2010	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown
300	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown
301	2/14/2010	Unknown	UNK	UNK	Male	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown
302	2/14/2010	Unknown	UNK	UNK	Female	Hatch	UNKNOWN		2/14/2010	Unknown
						Transfer	CRAWFRD W	UNK	2/15/2010	Unknown
303	6/15/2010	Unknown	UNK	UNK	Unknown	Hatch	CRAWFRD W	UNK	6/15/2010	Unknown
304	6/15/2010	Unknown	UNK	UNK	Unknown	Hatch	CRAWFRD W	UNK	6/15/2010	Unknown
305	6/15/2010	Unknown	UNK	UNK	Unknown	Hatch	CRAWFRD W	UNK	6/15/2010	Unknown
306	1/24/2017	None	110	102	Male	Hatch	PITTS CA	8822	1/24/2017	None
						Transfer	NORFOLK	217054	4/5/2017	None
307	1/26/2017	None	110	102	Male	Hatch	PITTS CA	8824	1/26/2017	None
						Death	PITTS CA	8824	1/28/2017	None
308	2/4/2017	None	282	104	Male	Hatch	COLUMBIA	13868	2/4/2017	None
309	3/16/2017	None	110	102	Male	Hatch	PITTS CA	8836	3/16/2017	None
						Transfer	CLEVELAND	170603	6/15/2017	None
310	3/20/2017	None	110	102	Unknown	Hatch	PITTS CA	8840	3/20/2017	None
						Transfer	ST LOUIS	121134	6/15/2017	None

Studbook ID	Hatch Date	Date Est.	Sire	Dam	Sex	Event	Location	Local ID	Date	Date Est.
311	4/1/2016	None	UNK	UNK	Male	Hatch	UNKNOWN		4/1/2016	None
						Transfer	OMAHA	24357	4/17/2017	None
312	4/2/2017	None	259	260	Male	Hatch	CED CK RP		4/2/2017	None
						Transfer	BIRMINGHM	217017	5/4/2017	None
313	6/8/2017	None	261	262	Male	Hatch	CED CK RP		6/8/2017	None
						Transfer	AUDUBON	17B044	7/6/2017	None
314	6/15/1989	Year	UNK	UNK	Female	Hatch	UNKNOWN		6/15/1989	Year
						Transfer	FRESNO	207044	6/15/1990	Year
315	5/15/2005	Month	UNK	UNK	Female	Hatch	UNKNOWN		5/15/2005	Month
						Transfer	FRESNO	207045	7/15/2005	Month
316	5/3/2017	None	UNK	UNK	Male	Hatch	UNKNOWN		5/3/2017	None
						Transfer	W ORANGE	2179	7/1/2017	None
317	5/5/2017	None	UNK	UNK	Female	Hatch	UNKNOWN		5/5/2017	None
						Transfer	W ORANGE	2178	7/1/2017	None

Historic Institutions

Mnemonic	Name	City	State	Country
A PICO	Aimee Pico	Jones	MI	USA
ABERDE HK	Ocean Park Corporation	Aberdeen	Hong Kong SAR	China
ANTWERP	Zoo of Antwerp	Antwerp	Antwerpen	Belgium
ATLANTA	Zoo Atlanta	Atlanta	GA	USA
AV RECOND	Avian Reconditioning Center	Apopka	FL	USA
B A UNLIM	Birds and Animals Unlimited	El Toro	CA	USA
B SAYERS	Bernard Sayers	Chelmsford	Essex	England (UK)
BARNHILL	Barnhill Preserve - Louisiana	Ethel	LA	USA
BERLIN TP	Tierpark Berlin-Friedrichsfelde	Berlin		Germany
BERWICK P	Berwick Productions Inc.	Escondido	CA	USA
BIRDHAVEN	Bird Haven Inc.	Elmhurst	IL	USA
BOISE	Zoo Boise	Boise	ID	USA
BRATISLAV	Zoologicka Zahrada Bratislava	Bratislava	Bratislavsky	Slovakia
BUFFALO	Buffalo Zoological Gardens	Buffalo	NY	USA
CALEDONIA	Killman Zoo	Caledonia	Ontario	Canada
CALGARY	Calgary Zoo, Garden & Prehistoric Park	Calgary	Alberta	Canada
CAN R CON	Canadian Raptor Conservancy	Fishers Glen	Ontario	Canada
CCSS	Centre for Cons. of Specialized Species	Havelock	ON	Canada
CED CK RP	Cedar Creek Raptors	Scappoose	Oregon	US
CFBP	California Foundation for Birds of Prey	Roseville	CA	USA
CHAMBERSK	Zool. Animal Repro. Ctr.	Shelburn	IN	USA
CHATTANOO	Tennessee Aquarium	Chattanooga	TN	USA
COLO SPRG	Cheyenne Mountain Zoological Park	Colorado Springs	CO	USA
CONWAY	Massachusetts Bird of Prey Rehab	Conway	MA	USA
COPENHAGE	Copenhagen Zoo	Frederiksberg	Copenhagen	Denmark
CRE QUEST	Creature Quest	Toronto	Ontario	Canada
D MEADOR	Deron Meador	Monrovia	MD	USA
DALLASBPC	Dallas Birds of Prey Center	Dallas	TX	USA
ELMVALE	Elmvale Jungle Zoo	Elmvale	Ontario	Canada
FORTUNATO	Bucks County Zoo (Joe Fortunato)	Warminster	PA	USA
G B DAVID	World of Reptiles and Birds Park	Oak Bluffs	MA	USA
G PRIEST	Gary Priest	San Diego	CA	USA
GARRETT R	Worldwide Zool Exchange(Ricky Garrett)	Hernando	MS	USA
GIBSBIRDS	Gibbon Conservation Center (GCC)	Santa Clarita	CA	USA
GREATBEND	Great Bend Zoo and Raptor Center	Great Bend	KS	USA
INDIANAPL	Indianapolis Zoo	Indianapolis	IN	USA
J SLAVEN	Joel Slaven's Professional Animals	St. Cloud	Florida	USA
JURONG	Jurong Birdpark, Singapore	Singapore		Singapore

Mnemonic	Name	City	State	Country
K CALDWEL	Kim Caldwell	Escondido	CA	USA
K YOUNG	Karen Young	Saline	MI	USA
KARGER J	Mr. John Karger	San Antonio	TX	USA
KRATHWOHL	World Center for Exotic Birds	Las Vegas	NV	USA
LAVAL	INTERZOO	Laval	Quebec	Canada
LECUYER J	L'Ecuyer Collection	Montreal	Quebec	Canada
LEGAL	Alberta Wildlife Park	Legal	Alberta	Canada
LEIBARHEC	Matt Leibarhech		Ontario	Canada
LITTLEROC	Little Rock Zoological Gardens	Little Rock	AR	USA
LONDON RP	ZSL London Zoo	London		England (UK)
LOUISVILL	Louisville Zoological Garden	Louisville	KY	USA
LUU P	Phung T. Luu	Wilmington	DE	USA
M DUPUY	Mike Dupuy Falconry	Bethesda	Maryland	US
M EMBURY	Mac Embury		OR	USA
M MOGLICH	American Gyrs		Nevada	US
N LTS BC	Northern Lights Wildlife Shelter	Smithers	British Columbia	Canada
ORILLIA	Golden Creek Exotic Bird Farm	Orillia	Ontario	Canada
PORTLAND	Oregon Zoo	Portland	OR	USA
QUEBEC	Jardin Zoologique du Quebec (extinct)	Charlesbourg	Quebec	Canada
QUITUGUA	HawkQuest	Parker	CO	USA
R SCHWART	Rick Schwartz	Nashville	Tennessee	US
RAPT P NY	The Raptor Project (Jonathon Wood)	Roxbury	NY	USA
RAPTR ADV	Raptor Adventures	Marysville	CA	USA
ROBINSON	Bill Robinson	Saugerties	NY	USA
RUSHDEN	Ravensden Zoo Ltd. (extinct Dec 1999)	Rushden	Northamptonshir	England (UK)
S MARSH	The Creature Conservancy	Ann Arbor	MI	USA
SALIBA D	Quality Waterfowl (Dan & Patti Saliba)	Hornby	Ontario	Canada
SAN ANTON	San Antonio Zoological Gardens & Aquar.	San Antonio	TX	USA
SIA	Sia: The Comanche Nation Ethno-Ornithological Initiative	Cyril	OK	USA
STATEN IS	Staten Island Zoo	Staten Island	NY	USA
TEHERAN	Teheran Zoological Gardens	Teheran		Iran
TH CULLEN	Tom Cullen	Goshen	NY	USA
THURMONT	Catoctin Wildlife Preserve and Zoo	Thurmont	MD	USA
TOLLEY S	Steven Tolley	Rock, Kidderminster	Worcestershire	England (UK)
USDI LAW	USDI Fish and Wildlife Service	Lawrence	NY	USA
WALTHERSD	Daniel Walthers	Jefferson	GA	USA
WELSH HWK	Welsh Hawking Centre	Barry	South Glamorgan	Wales (UK)
WILD WRLD	Wildlife World Zoo	Litchfield Park	AZ	USA
WILLIM BU	Busch Gardens-Williamsburg	Williamsburg	VA	USA

Mnemonic	Name	City	State	Country
WINNIPEG	Assiniboine Park Zoo	Winnipeg	Manitoba	Canada
ZOO IMPRT	Zoological Imports 2000, Inc.	Miami	FL	USA

Multiple Parentage Sets

MULT Set	Potential Parents	MULT Set	Potential Parents
MULT 1	1, 5 @ SANDIEGOZ	MULT 6	129, 130, 131, 132, 201 @ TH CULLEN
MULT 2	25, 32 @ KETOLA	MULT 7	133, 134, 135, 136, 202 @ TH CULLEN
MULT 3	24, 29 @ KETOLA	MULT 8	120, 194 @ CRAWFRD W
MULT 4	129, 130 @ TH CULLEN	MULT 9	121, 195 @ CRAWFRD W
MULT 5	133, 134 @ TH CULLEN		

Studbook Disclaimer

Copyright 18 Aug 2017 by Dallas Zoo. All rights reserved. No part of this publication may be reproduced in hard copy, machine-readable or other forms without advance written permission from the Dallas Zoo. Members of the Association of Zoos and Aquariums (AZA) may copy this information for their own use as needed.

The information contained in this studbook has been obtained from numerous sources believed to be reliable. AZA and the Dallas Zoo make a diligent effort to provide a complete and accurate representation of the data in its reports, publications, and services. However, AZA and the Dallas Zoo do not guarantee the accuracy, adequacy, or completeness of any information. AZA and the Dallas Zoo make no warranties or representations of any kind, express or implied, including but not limited to warranties of merchantability of fitness for particular purpose. AZA and the Dallas Zoo 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 Dallas Zoo strongly recommend that users of this information consult the Studbook Keeper in all matters related to data analysis and interpretation.