

# Snowy Owl

*(Bubo scandiaca)*

## North American Regional Studbook

(Data current as of June 29, 2017)



Cover Photo by Brook Morian



Chicago Zoological Society

*Inspiring Conservation Leadership*

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## DEFINITION OF STUDBOOK COLUMNS

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

**Birth Date-** This field indicates the date of an animal's birth. There is a birth date for every individual.

**Birth Date Est.** – Indicated if the birth date field is an estimate.

None = No estimation

Day = The day is estimated

Month = The month is estimated

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

**Sire/Dam** – Number indicate the studbook ID off the parents of the zoo born animals.

Wild = indicates that an animal was wild caught and its parents are unknown wild individuals.

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

Mult # = indicates that there are several possible parents in zoo.

**Sex** – male, female, unknown

**Event** – This field documents the movements of individual animals from the first location to the current or last known location.

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

**Local ID** – This is the number assigned by the institution in which the event took place.

Unknown indicates that either and ID was not assigned or no information exists to indicate that an ID was assigned.

**Date** – This field documents the date that events occurred. Check the adjacent column

(Date Est.) to determine the accuracy of the date.

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

## **Captive History**

The Snowy Owl (Formerly: *Nyctea scandiaca*; Currently: *Bubo scandiaca*) first recorded breeding occurred in the UK in 1875 by Mr. E. Fountaine (Coles, 2003).

The first record of snowy owls in captivity was at London Zoo in 1835 with an observation recorded by Edward Turner Bennett “The Society’s specimen exhibits somewhat of its natural manners even in its captivity. It never perches itself, like the other owls, in concealment at the back of its cage, but is constantly seen resting upon the ground, and advanced towards the front, regardless of open light of day” (Bennett, 1835).

## **Taxonomy**

Class: Aves

Order: Strigiformes

Family: Strigidae

Genus: *Bubo*

Species: *Bubo scandiaca*

## **Physical Description**

### **Males**

The male Snowy Owl weight ranges from .70 kg – 2.50kg (del Hoyo, 2001). Like most owl species, the male is smaller than the female. When males reach adult age, they are nearly completely white except for black bars on the primary and tail feathers.

### **Females**

The female Snowy Owl weight can range from .78kg – 2.90 kg (del Hoyo, 2001). The female is white with extensive barring on the wings, chest, stomach, legs, and tail feathers.

## **Distribution**

This species is circumpolar which includes Russia, Canada, Greenland, Iceland, Northern Europe, and Alaska.

**Habitat**

Tundra

**Feeding**

A Snowy Owl's diet in the wild mostly consists of lemmings, hares, mice, and voles.

**Courtship Behavior**

During breeding season, the males initiate courtship by aerial and ground displays followed by the offering of food to the female. Snowy owls are mostly silent birds but during breeding season males make hooting calls and, low cackling notes from females when showing pre-coition display and while sitting on eggs females make low clucking vocal (Poulsen, 1959).

**Breeding**

May – September

The majority of chicks hatched in captivity occur between May through July according to the studbook data. The female will typically lay 3-11 white eggs in two-day intervals (del Hoyo, 2001). The female will begin incubation after the first egg is laid. Incubation typically lasts for 31-32 days and the chicks hatch asynchronously. Chicks typically fledge around 14 to 26 days and will continue to be fed until completely independent at around 5 to 7 weeks from hatch date (del Hoyo, 2001).

**Hand Rearing**

Currently, there is no hand-rearing protocol specific to this species is available; however the Avian Rearing Resource offers a generic bird of prey hand-rearing protocol.

<http://www.avianrearingresource.co.uk/species/species-detail.php?frmFamilyID=20&frmSubFamilyID=47&frmSpeciesID=108>

**Parent Rearing**

When allowing parents to rear chicks can be fed mice or rats. The male will bring food to the female and lay it at the nest for the female to feed (Poulsen, 1959). Female will tare mice and rats into smaller pieces when offer to the chicks. Chicks are

only fed by the female while the still in the nest and, by both parents when chicks leave the nest at 14 to 26 days (Poulsen, 1959).

### **Nest**

The female Snowy Owl will dig a small depression in the ground which can be lined with lichen and/or moss.

### **Band Size**

<b>Band Size</b>	<b>Internal Diameter</b>	<b>Height of Band</b>
8	17.48mm	15.80mm
9	22.23mm	15.80mm

Compiled from (Species Table and Recommended Band Size, 2011)

### **Life Span**

Median Life Expectancy: 10.2 years

Maximum Longevity: 32 years

### **First Hatch**

The youngest recorded age of a female to successful hatch and raise her first offspring is two years; however, the median age for successful hatching and raising a chick is 5 years old.

### **Enclosure**

Snowy owls are usually exhibited in institutions located in the northern United States few exceptions being zoos that house the species indoors or a combination of indoor/outdoor access which provides a cooling system during warmer periods. The Tulsa Zoo, located in Tulsa, Oklahoma, can reach over 100 degrees in the summer so the pair is kept indoors year round at temperature of 55 degrees F.

The species is usually housed in opposite sex pair, same sex pair, or individually. Some institutions have kept multiple individuals in an exhibit with successful breeding occurring.

**Medical Issues**

Common medical issues for this species include West Nile Virus (*Flavivirus*), aspergillosis (*Aspergilla flavus*), and avian malaria (*Plasmodium relictum*).

## **BIOLIOGRAPHY**

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*Species Table and Recommended Band Size*. (2011, Feb). Retrieved June 5, 2013, from USGS: <http://www.pwrc.usgs.gov/>

**The *International Zoo Yearbook* breeding records for Snowy Owls (*Bubo scandiaca*) for the period 1959-1978.**

**(Zoological Society of London, 1960-1980)**

**Compiled by Josef Lindholm III, Curator of Birds at Tulsa Zoo Management, Inc. from the Records of Birds Bred in Captivity in Vol.'s 1-36 (Zoological Society of London, 1960-1969).**

(Figures in parentheses indicate pre-fledgling mortalities)

+ indicates unspecified number

Arranged in order of first year of breeding by each institution

Copenhagen, Denmark	1960, 1962-1978	65+(6)
London, UK	1960, 1963, 1969, 1971-1976	23+
Zoologischer Garten Berlin, Germany	1962-1977	54(1)
Basel, Switzerland	1964-1968, 1970-1978	59+(3)
Tierpark Berlin, Germany	1964, 1975-1978	18
Wuppertal, Germany	1964, 1977-1978	7
Chester, UK	1965	1
Helsinki, Finland	1965, 1967-1969	12
Nuremberg, Germany	1966, 1968-1978	61(22)

Zurich, Switzerland	1967-1978	62(20)
Bremerhaven, Germany	1968, 1970, 1973, 1978	15(3)
Bratislava, Slovakia	1969	4
Heidelberg, Germany	1969-1978	23
Matlock (Riber Castle), UK	1969	+
Antwerp, Belgium	1970-1978	32(7)
Great Witchingham (Norfolk Wildlife Park), UK	1970, 1973, 1975-1978	9
Jersey (Durrell Trust), UK	1970-1971, 1973-1978	33
Leeds (Harewood Bird Gardens), UK	1970, 1973-1978	19(4)
Bern, Switzerland	1971, 1973-1978	19(2)
Duisburg, Germany	1971-1972, 1976-1977	15(5)
Edinburgh, UK	1971, 1974-1978	29(3)
Hamburg (Tierpark Hagenbeck), Germany	1971-1974, 1978	12(6)
Magdeburg, Germany	1971-1974	17(5)
Walsrode, Germany	1971, 1973-1975, 1977-1978	16(11)
Warsaw, Poland	1971-1972, 1974-1976	18(7)
Cologne, Germany	1972, 1974-1976	10
Hanover, Germany	1972-1978	42(4)

Osnabruck, Germany	1972-1974, 1977-1978	22(1)
Stuttgart, Germany	1972-1978	20(3)
Bristol, UK	1973-1977	18(2)
Chicago Zoological Park (Brookfield Zoo), USA	1973-1975, 1977	9(6)
Hellenthal (Wildfreigehege), Germany	1973	3(2)
Leipzig, Germany	1973, 1976-1977	13(4)
Rostock, Germany	1973-1975, 1977	9(7)
Seattle (Woodland Park Zoo). USA	1973-1978	19(11)
Vienna, Austria	1973-1976	14(5)
Amsterdam (Artis), Netherlands	1974-1978	11
Darmstadt, Germany	1974, 1976-1978	14(1)
Mulhouse, France	1974-1975, 1978	6
Newent (ICBP), UK	1974	7(7)
Dortmund, Germany	1975	1
Frosön, Sweden	1975	4(1)
Kinguissie (Highland Wildlife Park), UK	1975	2
Philadelphia , USA	1975, 1977-1978	7(3)
Rotterdam, Netherlands	1975-1978	7(3)

Whipsnade, UK	1975-1976	3(1)
Widdington (Mole Hall), UK	1975 , 1977-1978	7(2)
Calgary, Canada	1976, 1978	5(1)
Oundle (Lilford Park), UK	1976-1978	6(2)
Rheine, Germany	1976, 1978	4(1)
Bochum, Germany	1977-1978	6
Chicago (Lincoln Park Zoo), USA	1977	1
Le Vaud (Switzerland), USA	1977-1978	4(1)
Winnipeg, Canada	1977-1978	7(5)
Gelsenkirchen, Germany	1978	5
Marwell, UK	1978	1
Prague, Czech Republic	1978	3

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	<b>SASKATOON</b>	
	<b>KAMLOOPS</b>	

33.28.2 (63) at 35 Institutions

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
AKRON - Akron Zoological Park, Akron, OH, USA											
473	6/28/2011	None	651	652	Male	Not Contracepted	Hatch	KRONBERG	112012	6/28/2011	None
							Transfer	COLUMBUS	112012	3/29/2012	None
							Transfer	AKRON	101198	4/12/2013	None
Totals: 1.0.0 (1)											
AQUAQC - Aquarium du Quebec, Quêbec City, Quêbec, Canada											
562	7/2/1997	None	UNK	UNK	Male	Not Contracepted	Hatch	QUEBEC	975603	7/2/1997	None
							Transfer	AQUAQC	100033	8/9/2006	None
							Transfer	ST FELICI	B00093	11/4/2010	None
							Transfer	AQUAQC	100033	4/19/2011	None
Totals: 1.0.0 (1)											
BALTIMORE - Maryland Zoo in Baltimore, Baltimore, MD, USA											
642	6/23/2012	None	641	640	Male	Not Contracepted	Hatch	KREFELD	V3257	6/23/2012	None
							Transfer	BALTIMORE	6873	1/7/2013	None
644	6/1/2012	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N332	6/1/2012	None
							Transfer	BALTIMORE	6874	1/7/2013	None
Totals: 1.1.0 (2)											
BATTLE CR - Binder Park Zoo, Battle Creek, MI, USA											
688	6/1/2013	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	REHAB	UNKNOWN	1/1/2015	+/- 1 Month
							Transfer	BATTLE CR	B15005	6/1/2015	None
Totals: 0.1.0 (1)											
BIG BEAR - Moonridge Animal Park, Big Bear Lake, CA, USA											

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
689	6/1/2003	+/- 1 Year	UNK	UNK	Male	Not Contracepted	Hatch	PRIVATE	UNK	6/1/2003	+/- 1 Year
							Transfer	BIG BEAR	20896	6/12/2007	None

Totals: 1.0.0 (1)

BINGHAMTO - Binghamton Zoo at Ross Park, Binghamton, NY, USA

474	5/28/2011	None	650	649	Male	Not Contracepted	Hatch	AMERSFOOR	UNK	5/28/2011	None
							Transfer	KRONBERG	2413	1/17/2012	None
							Transfer	COLUMBUS	112013	3/29/2012	None
							Transfer	BINGHAMTO	13008	2/28/2013	None
475	6/1/2011	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	UNK	6/1/2011	None
							Transfer	KRONBERG	2414	1/17/2012	None
							Transfer	COLUMBUS	112014	3/29/2012	None
							Transfer	BINGHAMTO	13009	2/28/2013	None

Totals: 1.1.0 (2)

BRIDGEPRT - Connecticut's Beardsley Zoo, Bridgeport, CT, USA

556	7/15/2010	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N230	7/15/2010	None
							Transfer	BRIDGEPRT	102156	4/8/2011	None
656	6/26/2012	None	641	640	Male	Not Contracepted	Hatch	KREFELD	V3259	6/26/2012	None
							Transfer	BRIDGEPRT	102283	2/11/2013	None

Totals: 1.1.0 (2)

CALGARY - Calgary Zoo, Garden & Prehistoric Park, Calgary, Alberta, Canada

655	6/1/2011	+/- 2 Months	WILD	WILD	Male	Not Contracepted	Wild Capture	CANADA	NONE	2/1/2013	+/- 2 Months
							Transfer	CALGARY	109039	4/1/2013	+/- 2 Months

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
685	11/4/2014	+/- 6 Months	WILD	WILD	Male	Not Contracepted	Wild Capture	CALGARY	NONE	12/1/2014	+/- 2 Months
							Transfer	UNKNOWN	Unknown	12/10/2014	+/- 1 Month
							Transfer	CALGARY	109309	12/15/2014	None
Totals: 2.0.0 (2)											
CHICAGOLP - Lincoln Park Zoological Gardens, Chicago, IL, USA											
236	6/13/2011	None	214	101	Female	Not Contracepted	Hatch	SEATTLE	203786	6/13/2011	None
							Transfer	CHICAGOLP	22899	11/9/2011	None
375	4/17/2001	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	100894	4/17/2001	None
							Transfer	CHICAGOLP	20436	10/9/2001	None
Totals: 1.1.0 (2)											
CRAWFRD W - World Bird Sanctuary (Walter Crawford), Valley Park, MO, USA											
521	6/14/1996	None	241	503	Unknown	Not Contracepted	Hatch	DENVER	960282	6/14/1996	None
							Transfer	CRAWFRD W	UNK	7/20/1996	None
522	6/14/1996	None	241	503	Unknown	Not Contracepted	Hatch	DENVER	960283	6/14/1996	None
							Transfer	CRAWFRD W	UNK	7/20/1996	None
Totals: 0.0.2 (2)											
GRANBY - Granby Zoo / Zoo de Granby, Granby, Quebec, Canada											
634	6/25/2007	None	UNK	UNK	Female	Not Contracepted	Hatch	ROCKTON	A70046	6/25/2007	None
							Transfer	GRANBY	B07010	11/28/2007	None
Totals: 0.1.0 (1)											
HERSHEY - ZooAmerica (No. American Wildlife Pk.), Hershey, PA, USA											

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
392	7/4/2007	None	646	645	Female	Not Contracepted	Hatch	TALLIN	16766	7/4/2007	None
							Transfer	ALEXANDRI	A9.11	4/15/2009	None
							Transfer	HERSHEY	A9.12	5/15/2009	None
623	6/1/2008	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	4/1/2009	None
							Transfer	REHAB	78805642	4/2/2009	None
							Transfer	NW TREK	200911	4/7/2009	None
							Transfer	HERSHEY	200911	1/28/2016	None
Totals: 1.1.0 (2)											
JOHN BALL - John Ball Zoological Garden, Grand Rapids, MI, USA											
693	6/1/2016	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	3/1/2017	+/- 1 Month
							Transfer	JOHN BALL	304359	4/22/2017	None
Totals: 1.0.0 (1)											
KAMLOOPS - British Columbia Wildlife Park, Kamloops, BC, Canada											
694	6/1/2003	None	205	203	Male	Not Contracepted	Hatch	CALGARY	UNK	6/1/2003	None
							Transfer	KAMLOOPS	04002	7/2/2004	None
Totals: 1.0.0 (1)											
LOUISVILL - Louisville Zoological Garden, Louisville, KY, USA											
478	7/18/2010	None	390	452	Female	Not Contracepted	Hatch	WATERTOWN	21196	7/18/2010	None
							Transfer	MINNESOTA	12950	11/4/2010	None
							Transfer	LOUISVILL	202543	6/2/2013	None
653	5/30/2010	+/- 1 Month	663	677	Male	Not Contracepted	Hatch	RHENEN	2782	5/30/2010	+/- 1 Month
							Transfer	LOUISVILL	202488	9/1/2011	None
Totals: 1.1.0 (2)											

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
LVZOO - Lehigh Valley Zoo, Schnecksville, PA, USA											
477	6/24/2010	None	390	452	Male	Not Contracepted	Hatch	WATERTOWN	21194	6/24/2010	None
							Transfer	MINNESOTA	12949	11/4/2010	None
							Transfer	LVZOO	LV0323	7/2/2014	None
Totals: 1.0.0 (1)											
MINNESOTA - Minnesota Zoological Garden, Apple Valley, MN, USA											
479	7/6/2008	None	UNK	UNK	Male	Not Contracepted	Hatch	ROCKTON	UNK	7/6/2008	None
							Transfer	MINNESOTA	12333	1/22/2009	None
Totals: 1.0.0 (1)											
NASHV ZOO - Nashville Zoo at Grassmere, Nashville, TN, USA											
455	6/19/2010	None	390	452	Male	Not Contracepted	Hatch	WATERTOWN	21193	6/19/2010	None
							Transfer	FLUSHINGP	Q10101	10/8/2010	None
							Transfer	NASHV ZOO	4727	3/18/2015	None
554	7/9/2010	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N228	7/9/2010	None
							Transfer	BRIDGEPRT	102154	4/8/2011	None
							Transfer	NASHV ZOO	3639	11/9/2011	None
Totals: 1.1.0 (2)											
NORRISTOW - Elmwood Park Zoo, Norristown, PA, USA											
595	6/1/2011	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/2011	Year
							Transfer	NORRISTOW	120205	9/26/2012	None
Totals: 0.1.0 (1)											
NW TREK - Northwest Trek Wildlife Park, Eatonville, WA, USA											
624	6/25/2011	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	CCSS353	6/25/2011	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	NW TREK	201144	11/30/2011	None
Totals: 0.1.0 (1)											
NY BRONX - Bronx Zoo/Wildlife Conservat'n Society, Bronx, NY, USA											
343	6/30/1999	None	338	332	Male	Not Contracepted	Hatch	SAN FRAN	299086	6/30/1999	None
							Transfer	NY BRONX	B00159	10/25/2000	None
558	6/15/2004	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N168	6/15/2004	None
							Transfer	PARAMUS	2625	2/17/2005	None
							Transfer	NY BRONX	B14191	9/18/2014	None
Totals: 1.1.0 (2)											
OCHSNER - Ochsner Park Zoo, Baraboo, WI, USA											
695	6/1/2015	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	9/11/2016	None
							Transfer	OCHSNER	2016-15	10/11/2016	None
696	6/1/2015	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	9/11/2016	None
							Transfer	OCHSNER	2016-06	10/11/2016	None
Totals: 1.1.0 (2)											
PARAMUS - Bergen County Zoological Park, Paramus, NJ, USA											
648	7/1/2008	None	650	649	Female	Not Contracepted	Hatch	AMERSFOOR	B3634	7/1/2008	None
							Transfer	HERSHEY	A9.08	5/6/2009	None
							Transfer	PARAMUS	3044	10/22/2014	None
Totals: 0.1.0 (1)											
PITTS CA - National Aviary in Pittsburgh, Pittsburgh, PA, USA											
454	6/17/2010	None	390	452	Male	Not Contracepted	Hatch	WATERTOWN	21192	6/17/2010	None
							Transfer	PITTS CA	7920	10/11/2010	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
686	7/1/2010	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	7/1/2014	None
							Transfer	USFWS	Unknown	8/1/2014	None
							Transfer	PITTS CA	8523	3/15/2015	None
687	7/1/2013	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	2/1/2015	+/- 1 Month
							Transfer	PRIVATE	Unknown	3/1/2015	None
							Transfer	PITTS CA	8524	3/18/2015	None
Totals: 3.0.0 (3)											
ROCHESTER - Seneca Park Zoo, Rochester, NY, USA											
592	7/1/2011	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	7/1/2011	Year
							Transfer	WATERTNSD	NONE	1/1/2012	Month
							Transfer	ROCHESTER	105857	2/14/2012	None
Totals: 0.1.0 (1)											
SASKATOON - Saskatoon Forestry Farm and Zoo, Saskatoon, Saskatchewan, Canada											
697	6/1/2008	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	5/1/2009	None
							Transfer	SASKATOON	1982	6/9/2009	None
698	6/1/2011	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	3/1/2012	None
							Transfer	SASKATOON	2148	6/28/2017	None
699	6/1/1998	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	11/1/1999	None
							Transfer	SASKATOON	1516	12/24/1999	None
Totals: 1.2.0 (3)											
SEATTLE - Woodland Park Zoo, Seattle, WA, USA											
593	6/4/2012	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N331	6/4/2012	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	ROCHESTER	105900	1/7/2013	None
							Transfer	SEATTLE	204989	11/6/2013	None
700	6/13/2016	None	375	236	Male	Not Contracepted	Hatch	CHICAGOLP	23713	6/13/2016	None
							Transfer	SEATTLE	206144	10/19/2016	None
Totals: 1.1.0 (2)											
ST FELICI - Zoo Sauvage de St-Félicien, St-Félicien, Quebec, Canada											
160	6/1/2001	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/2001	Unknown
							Transfer	BIRD PREY	NONE	11/1/2002	Unknown
							Transfer	CALGARY	106148	11/22/2002	None
							Transfer	ST FELICI	B00304	5/17/2011	None
611	6/1/2009	None	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	10/1/2011	None
							Transfer	ST FELICI	B00182	10/23/2011	None
Totals: 0.2.0 (2)											
TOLEDO - Toledo Zoological Gardens, Toledo, OH, USA											
557	7/15/2010	None	602	603	Male	Not Contracepted	Hatch	HANNOVER	N231	7/15/2010	None
							Transfer	BRIDGEPRT	102157	4/8/2011	None
							Transfer	NASHV ZOO	3640	11/9/2011	None
							Transfer	TOLEDO	10638	2/21/2015	None
Totals: 1.0.0 (1)											
TORONTO - Toronto Zoo, Scarborough, Ontario, Canada											
701	7/5/2014	None	UNKNOWN	UNKNOWN	Female	Not Contracepted	Hatch	UNKNOWN	UNK	7/5/2014	None
							Transfer	TORONTO	49527	6/21/2017	None
Totals: 0.1.0 (1)											

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
TULSA - Tulsa Zoo, Tulsa, OK, USA											
337	6/23/2011	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	CCSS352	6/23/2011	None
							Transfer	TULSA	16373	12/12/2011	None
339	6/26/1999	None	338	332	Male	Not Contracepted	Hatch	SAN FRAN	299082	6/26/1999	None
							Transfer	NY BRONX	B00158	10/25/2000	None
							Transfer	TULSA	15786	2/26/2009	None
Totals: 1.1.0 (2)											
UTICA - Utica Zoo, Utica, NY, USA											
464	7/7/1997	None	293	419	Male	Not Contracepted	Hatch	BUFFALO	97B48	7/7/1997	None
							Transfer	UTICA	297012	12/4/1997	None
Totals: 1.0.0 (1)											
VALLEYZOO - Valley Zoo & John Janzen Nature Center, Edmonton, Alberta, Canada											
586	6/15/1999	None	UNK	UNK	Female	Not Contracepted	Hatch	ROCKTON	UNK	6/15/1999	None
							Transfer	VALLEYZOO	200706	4/27/2001	None
587	6/15/1999	None	UNK	UNK	Male	Not Contracepted	Hatch	ROCKTON	UNK	6/15/1999	None
							Transfer	VALLEYZOO	200705	4/27/2001	None
Totals: 1.1.0 (2)											
WATERTOWN - NY State Zoo at Thompson Park, Watertown, NY, USA											
390	5/1/1999	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	990500	5/1/1999	None
							Transfer	DENVER	A00057	3/9/2000	None
							Transfer	ROCHESTER	105382	10/14/2004	None
							Transfer	WATERTOWN	10191	5/19/2005	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
453	6/15/2010	None	390	452	Female	Not Contracepted	Hatch	WATERTOWN	21191	6/15/2010	None
							Transfer	PRIVATE	UNK	11/4/2010	None
							Transfer	WATERTOWN	21191	3/29/2011	None
Totals: 1.1.0 (2)											
WINNIPEG - Assiniboine Park Zoo, Winnipeg, Manitoba, Canada											
144	7/3/2001	None	MULT20	MULT21	Female	Not Contracepted	Hatch	WINNIPEG	B00900	7/3/2001	None
154	7/4/2006	None	134	144	Female	Not Contracepted	Hatch	WINNIPEG	G00153	7/4/2006	None
157	8/2/2004	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/5/2007	Unknown
							Transfer	MWRO	NONE	12/6/2007	Unknown
							Transfer	WINNIPEG	H00754	12/7/2007	None
680	6/29/2012	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	ALBERTA	NONE	2/1/2013	Month
							Transfer	WINNIPEG	P00042	6/7/2013	None
682	6/15/2011	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	1/1/2012	None
							Transfer	PRIVATE	NONE	1/15/2012	None
							Transfer	WINNIPEG	N00011	1/31/2012	None
702	6/23/2016	None	682	MULT8	Female	Not Contracepted	Hatch	WINNIPEG	22178	6/23/2016	None
703	7/2/2016	None	682	MULT9	Male	Not Contracepted	Hatch	WINNIPEG	22184	7/2/2016	None
704	7/2/2016	None	682	157	Male	Not Contracepted	Hatch	WINNIPEG	22185	7/2/2016	None
705	7/4/2016	None	682	MULT8	Male	Not Contracepted	Hatch	WINNIPEG	22186	7/4/2016	None
Totals: 5.4.0 (9)											

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
TOTALS: 33.28.2 (63)											

## Historical Population

222.258.194 (674) at 144 Institutions

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
1	6/1/1974	None	UNK	UNK	Male	Not Contracepted	Hatch	PORTLAND	UNK	6/1/1974	None
							Transfer	SAN FRAN	27412	11/27/1979	None
							Transfer	KANSASCTY	B131	11/27/1979	None
							Death	KANSASCTY	FAFB	6/25/1981	None
2	1/1/1969	None	WILD	WILD	Female	Not Contracepted	Wild Capture	GOVT MAN	UNK	4/2/1971	None
							Transfer	WINNIPEG	6524	4/3/1971	None
							Death	WINNIPEG	NHXX	10/7/1980	None
3	6/21/1970	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	GOVT MAN	UNK	1/10/1972	None
							Transfer	WINNIPEG	6252	6/11/1972	None
							Death	WINNIPEG	NHXX	7/4/1984	None
4	6/21/1970	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	2/28/1972	+/- 1 Month
							Transfer	GOVT MAN	UNK	2/28/1972	+/- 1 Month
							Transfer	WINNIPEG	6526	2/29/1972	None
							Death	WINNIPEG	AHXX	10/16/1985	None
5	6/22/1969	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	1/6/1971	+/- 1 Month
							Transfer	GOVT MAN	UNK	1/7/1971	+/- 1 Month
							Transfer	WINNIPEG	6527	1/8/1971	None
							Death	WINNIPEG	NHXX	1/12/1971	None
6	6/22/1971	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	5/8/1973	+/- 1 Month

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	GOVT MAN	UNK	5/9/1973	+/- 1 Month
							Transfer	WINNIPEG	6528	5/10/1973	None
							Death	WINNIPEG	NHXX	9/28/1984	None
7	6/22/1969	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	1/1/1974	+/- 1 Year
							Transfer	RIDLEY	NONE	1/10/1974	+/- 1 Year
							Transfer	WINNIPEG	6529	1/22/1974	None
							Death	WINNIPEG	NCNX	12/8/1976	None
8	6/22/1973	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/1/1974	+/- 1 Month
							Transfer	GOVT MAN	NONE	12/30/1974	+/- 1 Month
							Transfer	WINNIPEG	6530	12/31/1974	None
							Death	WINNIPEG	NHXX	6/21/1989	None
9	6/22/1974	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	12/1/1975	+/- 1 Month
							Transfer	GOVT MAN	UNK	12/11/1975	+/- 1 Month
							Transfer	WINNIPEG	6531	12/12/1975	None
							Death	WINNIPEG	AHXX	11/3/1993	None
10	6/23/1975	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	3/1/1977	+/- 1 Month
							Transfer	PUBLIC	NONE	3/15/1977	+/- 1 Month
							Transfer	WINNIPEG	6774	3/29/1977	None
							Death	WINNIPEG	NHXX	1/1/1979	None
11	6/27/1984	None	MULT 2	MULT 3	Male	Not Contracepted	Hatch	WINNIPEG	001117	6/27/1984	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	WINNIPEG	NHXX	11/8/1990	None
12	6/27/1984	None	MULT 2	MULT 3	Male	Not Contracepted	Hatch	WINNIPEG	001118	6/27/1984	None
							Death	WINNIPEG	NHEX	11/12/1999	None
13	6/23/1990	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	9/1/1991	+/- 1 Month
							Transfer	MWRO	Unkown	9/10/1991	+/- 1 Month
							Transfer	WINNIPEG	001119	9/14/1991	None
							Death	WINNIPEG	NHXX	3/6/1998	None
14	6/23/1990	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	1/1/1992	+/- 1 Month
							Transfer	MWRO	Unkown	1/12/1992	+/- 1 Month
							Transfer	WINNIPEG	001120	1/13/1992	None
							Death	WINNIPEG	NBXX	4/1/2004	None
15	6/23/1991	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	U SASKA V	NONE	6/1/1992	+/- 1 Month
							Transfer	WINNIPEG	001121	6/27/1992	None
							Transfer	U GUELPH	Unkown	3/24/2003	None
							Go LTF	U GUELPH	Unkown	5/16/2005	None
16	6/23/1991	+/- 1 Month	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	10/1/1992	+/- 1 Month
							Transfer	MWRO	Unkown	10/15/1992	+/- 1 Month
							Transfer	WINNIPEG	001122	10/23/1992	None
							Transfer	MWRO	Unkown	10/26/1992	None
							Go LTF	MWRO	Unkown	6/24/2012	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
17	6/23/1991	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	10/1/1992	+/- 1 Month
							Transfer	GOVT MAN	Unkown	10/26/1992	+/- 1 Month
							Transfer	WINNIPEG	001123	10/27/1992	None
							Transfer	U GUELPH	Unkown	3/24/2003	None
							Go LTF	U GUELPH	Unkown	5/16/2005	None
18	6/23/1991	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	10/23/1992	+/- 1 Year
							Transfer	MWRO	UNK	11/2/1992	+/- 1 Month
							Transfer	WINNIPEG	001124	11/3/1992	None
							Death	WINNIPEG	NHXX	11/4/1992	None
19	6/23/1991	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	10/25/1992	+/- 1 Month
							Transfer	MWRO	UNK	11/1/1992	+/- 1 Month
							Transfer	WINNIPEG	001125	11/5/1992	None
							Death	WINNIPEG	NBXX	6/25/2006	None
20	7/2/1995	None	MULT 2	MULT 3	Male	Not Contracepted	Hatch	WINNIPEG	001868	7/2/1995	None
							Transfer	ROGERSON	NONE	8/25/1995	None
							Go LTF	ROGERSON	NONE	8/25/1995	None
21	7/5/1995	None	MULT3	MULT4	Female	Not Contracepted	Hatch	WINNIPEG	001869	7/5/1995	None
							Transfer	ROGERSON	NONE	8/25/1995	None
							Go LTF	ROGERSON	NONE	8/25/1995	None
22	7/11/1996	None	MULT5	MULT6	Female	Not Contracepted	Hatch	WINNIPEG	002174	7/11/1996	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	THOMPSONZ	002174	10/24/1996	None
							Go LTF	THOMPSONZ	002174	10/24/1996	None
23	7/13/1996	None	WILD 2	WILD 3	Male	Not Contracepted	Hatch	WINNIPEG	002175	7/13/1996	None
							Transfer	SEVERNBDG	002175	12/2/1996	None
							Go LTF	SEVERNBDG	002175	12/2/1996	None
24	7/16/1996	None	MULT5	MULT6	Female	Not Contracepted	Hatch	WINNIPEG	002176	7/16/1996	None
							Transfer	SEVERNBDG	NONE	12/2/1996	None
							Go LTF	SEVERNBDG	NONE	12/2/1996	None
25	7/18/1996	None	MULT5	MULT6	Female	Not Contracepted	Hatch	WINNIPEG	002177	7/18/1996	None
							Transfer	CALGARY	211066	9/25/1996	None
							Death	CALGARY	211066	9/14/1998	None
26	7/1/1992	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	10/15/1993	+/- 1 Month
							Transfer	MWRO	uNKOWN	11/1/1993	+/- 1 Month
							Transfer	WINNIPEG	970910	11/22/1993	None
							Transfer	U GUELPH	NONE	3/24/2003	None
							Go LTF	U GUELPH	NONE	5/16/2005	None
27	7/11/1992	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/25/1993	+/- 1 Month
							Transfer	MWRO	UNK	12/7/1993	+/- 1 Month
							Transfer	WINNIPEG	970911	12/8/1993	None
							Transfer	U GUELPH	NONE	3/24/2003	None
							Go LTF	U GUELPH	NONE	5/16/2005	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
28	7/11/1996	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/23/1997	+/- 1 Month
							Transfer	PUBLIC	NONE	11/24/1997	+/- 1 Month
							Transfer	WINNIPEG	970998	11/26/1997	None
							Death	WINNIPEG	970998	11/26/1997	None
29	6/23/1998	None	MULT7	MULT8	Male	Not Contracepted	Hatch	WINNIPEG	981394	6/23/1998	None
							Transfer	ROGERSON	NONE	10/15/1998	None
							Go LTF	ROGERSON	NONE	10/15/1998	None
30	6/25/1998	None	MULT7	MULT8	Male	Not Contracepted	Hatch	WINNIPEG	981408	6/25/1998	None
							Transfer	ANCHORAGE	NS-4A	3/3/1999	None
							Go LTF	ANCHORAGE	NS-4A	3/3/1999	None
31	6/27/1998	None	MULT7	MULT8	Female	Not Contracepted	Hatch	WINNIPEG	981409	6/27/1998	None
							Transfer	CALGARY	211344	4/13/1999	None
							Transfer	DAEJEON	NONE	4/5/2002	None
							Go LTF	DAEJEON	NONE	4/5/2002	None
32	7/1/1914	+/- 2 Years	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	UNK	7/1/1916	+/- 9 Months
							Transfer	UNKNOWN	UNK	7/15/1916	+/- 8 Months
							Transfer	WINNIPEG	990547	7/28/1916	Unknown
							Death	WINNIPEG	NHXX	7/1/1917	Unknown
33	7/1/1916	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	7/1/1916	Unknown
							Transfer	UNKNOWN	NONE	7/1/1918	Unknown
							Transfer	WINNIPEG	990548	7/15/1918	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	WINNIPEG	NHXX	7/1/1926	Unknown
34	7/1/1959	+/- 1 Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	ALBERTA	NONE	12/1/1959	Unknown
							Transfer	EDMONTON	NONE	12/15/1959	Unknown
							Transfer	WINNIPEG	990555	1/2/1961	None
							Death	WINNIPEG	FHAB	3/4/1961	None
35	7/1/1959	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	ALBERTA	NONE	12/1/1959	Unknown
							Transfer	EDMONTON	NONE	12/15/1959	Unknown
							Transfer	WINNIPEG	990556	1/2/1961	None
							Transfer	RUDYS PET	NONE	7/1/1961	None
							Go LTF	RUDYS PET	NONE	7/1/1961	None
36	7/1/1959	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	1/1/1961	Unknown
							Transfer	PUBLIC	NONE	1/15/1961	Unknown
							Transfer	WINNIPEG	990557	1/21/1961	None
							Transfer	AMSTERDAM	NONE	6/20/1961	None
							Go LTF	AMSTERDAM	NONE	6/20/1961	None
38	7/1/1969	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	RIDLEY	NONE	7/1/1969	Unknown
							Transfer	WINNIPEG	990559	1/22/1974	None
							Hatch	MANITOBA	NONE	6/1/1974	Unknown
							Death	WINNIPEG	NHXX	11/10/1975	None
39	7/1/1972	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	3/1/1974	Unknown
							Transfer	GOVT MAN	Unknown	3/26/1974	Unknown
							Transfer	WINNIPEG	990560	3/27/1974	None
							Death	WINNIPEG	NCXX	4/12/1974	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
40	7/1/1972	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/1/1974	Unknown
							Transfer	GOVT MAN	Unknown	4/14/1974	Unknown
							Transfer	WINNIPEG	990561	4/15/1974	None
							Death	WINNIPEG	NCXX	4/21/1974	None
41	7/1/1972	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	6/25/1974	Unknown
							Transfer	GOVT MAN	Unknown	7/1/1974	Unknown
							Transfer	WINNIPEG	990562	7/2/1974	None
							Death	WINNIPEG	ABXX	7/9/1974	None
42	7/1/1972	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/1/1974	Unknown
							Transfer	GOVT MAN	Unknown	12/10/1974	Unknown
							Transfer	WINNIPEG	990563	12/11/1974	None
							Death	WINNIPEG	NCXX	12/12/1974	None
43	7/1/1974	+/- 1 Month	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/1/1975	Unknown
							Transfer	PUBLIC	NONE	11/11/1975	Unknown
							Transfer	WINNIPEG	990564	11/12/1975	None
							Death	WINNIPEG	NHXX	12/17/1975	None
44	7/1/1975	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/1/1977	Unknown
							Transfer	GOVT MAN	Unknown	4/14/1977	Unknown
							Transfer	WINNIPEG	990565	4/15/1977	None
							Death	WINNIPEG	ACXX	4/22/1977	None
45	7/3/1977	None	MULT9	4	Unknown	Not Contracepted	Hatch	WINNIPEG	990566	7/3/1977	None
							Death	WINNIPEG	NHXX	7/10/1977	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
46	7/3/1977	None	MULT9	4	Unknown	Not Contracepted	Hatch	WINNIPEG	990567	7/3/1977	None
							Go LTF	WINNIPEG	990567	7/14/1977	None
47	7/3/1977	None	MULT9	4	Unknown	Not Contracepted	Hatch	WINNIPEG	990568	7/3/1977	None
							Go LTF	WINNIPEG	990568	7/14/1977	None
48	7/3/1977	None	MULT9	4	Unknown	Not Contracepted	Hatch	WINNIPEG	990569	7/3/1977	None
							Go LTF	WINNIPEG	990569	7/14/1977	None
49	7/1/1976	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/28/1978	Unknown
							Transfer	GOVT MAN	NONE	5/1/1978	Unknown
							Transfer	WINNIPEG	990570	5/2/1978	None
							Death	WINNIPEG	NHXX	11/18/1986	None
50	7/8/1978	None	MULT9	4	Male	Not Contracepted	Hatch	WINNIPEG	990571	7/8/1978	None
							Death	WINNIPEG	AHXX	1/13/1993	None
51	7/8/1978	None	MULT9	4	Male	Not Contracepted	Hatch	WINNIPEG	990572	7/8/1978	None
							Transfer	HOGLE	UNK	8/14/1979	None
							Death	HOGLE	UNK	9/9/1980	None
52	7/14/1978	None	MULT9	4	Unknown	Not Contracepted	Hatch	WINNIPEG	990573	7/14/1978	None
							Go LTF	WINNIPEG	990573	7/22/1978	None
53	7/5/1977	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	10/15/1978	Unknown
							Transfer	GOVT MAN	Unknown	11/5/1978	Unknown
							Transfer	WINNIPEG	990574	11/6/1978	None
							Transfer	HOGLE	02408	8/14/1979	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	HOGLE	02406	2/23/1995	None
54	7/1/1977	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	11/15/1978	None
							Transfer	PUBLIC	NONE	11/29/1978	Unknown
							Transfer	WINNIPEG	990575	11/30/1978	None
							Death	WINNIPEG	NHXX	5/21/1985	None
55	7/5/1977	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/1/1978	Unknown
							Transfer	GOVT MAN	Unknown	12/6/1978	Unknown
							Transfer	WINNIPEG	990576	12/7/1978	None
							Transfer	COLUMBIA	SJ1826	6/20/1979	None
							Death	COLUMBIA	NHXX	1/5/1980	None
56	7/5/1977	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	1/22/1979	Unknown
							Transfer	PUBLIC	NONE	1/23/1979	Unknown
							Transfer	WINNIPEG	990577	1/24/1979	None
							Transfer	HOGLE	UNK	8/14/1979	None
							Death	HOGLE	NHXX	6/16/1982	None
57	7/5/1978	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	1/19/1980	Unknown
							Transfer	PUBLIC	NONE	1/20/1980	Unknown
							Transfer	WINNIPEG	990578	1/21/1980	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None
58	7/5/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	10/26/1980	None
							Transfer	GOVT MAN	NONE	10/27/1980	None
							Transfer	WINNIPEG	990579	10/28/1980	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	WINNIPEG	NHXX	10/29/1980	None
59	7/5/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/4/1980	Unknown
							Transfer	GOVT MAN	UNK	11/5/1980	Unknown
							Transfer	WINNIPEG	990580	11/6/1980	None
							Death	WINNIPEG	AHXX	11/26/1980	None
60	7/5/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/8/1980	Unknown
							Transfer	GOVT MAN	NONE	11/9/1980	Unknown
							Transfer	WINNIPEG	990581	11/10/1980	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None
61	7/5/1979	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/12/1980	Unknown
							Transfer	GOVT MAN	Unknown	11/13/1980	Unknown
							Transfer	WINNIPEG	990582	11/14/1980	None
							Death	WINNIPEG	NHXX	11/22/1980	None
62	7/5/1980	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	11/13/1980	Unknown
							Transfer	PUBLIC	NONE	11/14/1980	None
							Transfer	WINNIPEG	990583	11/15/1980	None
							Transfer	HOGLE	03103	6/25/1981	None
							Death	HOGLE	NHXX	6/25/1996	None
63	7/5/1979	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/17/1980	Unknown
							Transfer	PUBLIC	NONE	11/18/1980	Unknown
							Transfer	WINNIPEG	990584	11/19/1980	None
							Death	WINNIPEG	NHXX	12/8/1980	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
64	7/5/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/6/1980	Unknown
							Transfer	PUBLIC	NONE	12/7/1980	Unknown
							Transfer	WINNIPEG	990585	12/8/1980	None
							Transfer	HOGLE	03104	6/25/1981	None
							Death	HOGLE	NHXX	6/14/1987	None
65	7/5/1979	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	12/13/1980	Unknown
							Transfer	GOVT MAN	UNK	12/14/1980	Unknown
							Transfer	WINNIPEG	990586	12/15/1980	None
							Death	WINNIPEG	NHXX	9/20/1981	None
66	12/13/1980	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	12/14/1980	Unknown
							Transfer	GOVT MAN	Unknown	12/14/1980	Unknown
							Transfer	WINNIPEG	990587	12/15/1980	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None
67	7/5/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/3/1980	Unknown
							Transfer	PUBLIC	NONE	12/4/1980	Unknown
							Transfer	WINNIPEG	990588	12/15/1980	None
							Transfer	THOMPSONZ	UNK	7/15/1981	None
							Go LTF	THOMPSONZ	UNK	7/15/1981	None
68	7/6/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/20/1980	Unknown
							Transfer	GOVT MAN	UNK	12/21/1980	Unknown
							Transfer	WINNIPEG	990589	12/22/1980	None
							Death	WINNIPEG	NHXX	12/22/1980	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
69	7/6/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/21/1980	Unknown
							Transfer	PUBLIC	NONE	12/22/1980	Unknown
							Transfer	WINNIPEG	990590	12/23/1980	None
							Transfer	HOGLE	03105	6/25/1981	None
							Death	HOGLE	NHXX	12/31/1982	None
70	7/6/1979	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	12/28/1980	Unknown
							Transfer	GOVT MAN	UNK	12/29/1980	Unknown
							Transfer	WINNIPEG	990591	12/31/1980	None
							Death	WINNIPEG	NHXX	8/2/1981	None
71	7/6/1979	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	1/9/1981	Unknown
							Transfer	PUBLIC	NONE	1/10/1981	None
							Transfer	WINNIPEG	990592	1/11/1981	None
							Death	WINNIPEG	NHXX	1/11/1981	None
72	7/6/1979	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	3/23/1981	Unknown
							Transfer	GOVT MAN	NONE	3/24/1981	Unknown
							Transfer	WINNIPEG	990593	3/25/1981	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None
73	7/6/1979	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	3/30/1981	Unknown
							Transfer	GOVT MAN	NONE	4/1/1981	Unknown
							Transfer	WINNIPEG	990594	4/2/1981	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
74	7/6/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/4/1981	Unknown
							Transfer	PUBLIC	NONE	4/5/1981	Unknown
							Transfer	WINNIPEG	990595	4/6/1981	None
							Death	WINNIPEG	NHXX	4/10/1981	None
75	7/12/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/10/1981	Unknown
							Transfer	PUBLIC	NONE	4/11/1981	Unknown
							Transfer	WINNIPEG	990596	4/13/1981	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None
76	7/12/1979	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	5/6/1981	Unknown
							Transfer	PUBLIC	NONE	5/7/1981	Unknown
							Transfer	WINNIPEG	990597	5/8/1981	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None
77	7/8/1981	None	MULT10	MULT11	Unknown	Not Contracepted	Hatch	WINNIPEG	990598	7/8/1981	None
							Death	WINNIPEG	NBXX	7/9/1981	None
78	7/11/1981	None	MULT10	MULT11	Unknown	Not Contracepted	Hatch	WINNIPEG	990599	7/11/1981	None
							Death	WINNIPEG	NBXX	7/12/1981	None
79	7/12/1980	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	12/19/1981	Unknown
							Transfer	PUBLIC	NONE	12/20/1981	Unknown
							Transfer	WINNIPEG	990600	12/21/1981	None
							Transfer	CHRISHOLM	NONE	5/17/1982	None
							Go LTF	CHRISHOLM	NONE	5/17/1982	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
80	7/23/1980	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/19/1982	Unknown
							Transfer	PUBLIC	NONE	4/20/1982	Unknown
							Transfer	WINNIPEG	990601	4/21/1982	None
							Transfer	VALLEYZOO	000757	8/4/1982	None
							Death	VALLEYZOO	FHAB	12/18/1982	None
81	7/8/1982	None	MULT12	MULT13	Male	Not Contracepted	Hatch	WINNIPEG	990602	7/8/1982	None
							Transfer	VALLEYZOO	000758	9/29/1982	None
							Transfer	CALGARY	204758	3/1/1988	None
							Transfer	DAEJEON	NONE	4/5/2002	None
							Go LTF	DAEJEON	NONE	4/5/2002	None
82	7/8/1982	None	MULT12	MULT13	Female	Not Contracepted	Hatch	WINNIPEG	990603	7/8/1982	None
							Transfer	VALLEYZOO	200043	9/29/1982	None
							Transfer	SHUBENACA	UNK	8/26/1999	None
							Go LTF	SHUBENACA	UNK	8/26/1999	None
83	7/10/1982	None	MULT12	MULT13	Unknown	Not Contracepted	Hatch	WINNIPEG	990604	7/10/1982	None
							Death	WINNIPEG	FBAB	8/3/1982	None
84	7/27/1981	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	11/23/1982	Unknown
							Transfer	U MANITOB	NONE	11/23/1982	Unknown
							Transfer	WINNIPEG	990605	11/24/1982	None
							Transfer	LAVAL	830017	6/7/1983	None
							Go LTF	LAVAL	830017	6/7/1983	None
85	12/12/1982	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	12/12/1982	Unknown
							Transfer	GOVT MAN	NONE	12/13/1982	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	WINNIPEG	990606	12/14/1982	None
							Transfer	LAVAL	830018	3/7/1983	None
							Go LTF	LAVAL	830018	3/7/1983	None
86	7/27/1981	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	12/27/1982	Unknown
							Transfer	GOVT MAN	NONE	12/28/1982	Unknown
							Transfer	WINNIPEG	990607	12/29/1982	None
							Transfer	LAVAL	830019	7/7/1983	None
							Go LTF	LAVAL	830019	7/7/1983	None
87	7/26/1981	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	2/26/1983	Unknown
							Transfer	GOVT MAN	NONE	2/27/1983	Unknown
							Transfer	WINNIPEG	990608	2/28/1983	None
							Transfer	GOVT MAN	NONE	3/2/1983	None
							Go LTF	GOVT MAN	NONE	3/2/1983	None
88	6/27/1983	None	MULT12	MULT13	Unknown	Not Contracepted	Hatch	WINNIPEG	ABAB	6/27/1983	None
							Death	WINNIPEG	990609	7/27/1983	None
89	7/6/1983	None	MULT12	MULT13	Unknown	Not Contracepted	Hatch	WINNIPEG	990610	7/6/1983	None
							Death	WINNIPEG	NBXX	7/27/1983	None
90	7/11/1983	None	MULT12	MULT13	Unknown	Not Contracepted	Hatch	WINNIPEG	990611	7/11/1983	None
							Transfer	PITTS CA	1648	8/16/1984	None
							Death	PITTS CA	FCAI	11/22/1984	None
91	7/10/1983	None	MULT12	MULT13	Unknown	Not Contracepted	Hatch	WINNIPEG	990612	7/10/1983	None
							Death	WINNIPEG	ABAH	8/18/1983	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
92	7/27/1982	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	5/17/1984	Unknown
							Transfer	GOVT MAN	NONE	5/18/1984	Unknown
							Transfer	WINNIPEG	990613	5/19/1984	None
							Transfer	PITTS CA	1647	8/16/1984	None
							Death	PITTS CA	NCAX	9/5/1985	None
93	6/27/1984	None	MULT3	MULT4	Unknown	Not Contracepted	Hatch	WINNIPEG	990614	6/27/1984	None
							Death	WINNIPEG	NBXX	7/4/1984	None
94	7/2/1983	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/3/1984	Unknown
							Transfer	GOVT MAN	NONE	11/4/1984	Unknown
							Transfer	WINNIPEG	990615	11/5/1984	None
							Death	WINNIPEG	ABXX	11/6/1984	None
95	8/2/1983	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	11/27/1984	Unknown
							Transfer	GOVT MAN	NONE	11/28/1984	Unknown
							Transfer	WINNIPEG	990616	11/29/1984	None
							Transfer	WAHPETON	UNK	6/24/1985	None
							Go LTF	WAHPETON	UNK	6/24/1985	None
96	6/18/1985	None	MULT14	MULT15	Male	Not Contracepted	Hatch	WINNIPEG	990617	6/18/1985	None
							Death	WINNIPEG	ABCK	1/4/1988	None
97	6/27/1985	None	MULT14	MULT15	Unknown	Not Contracepted	Hatch	WINNIPEG	990618	6/27/1985	None
							Death	WINNIPEG	NBXX	6/28/1985	None
98	8/2/1984	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	4/13/1986	Unknown
							Transfer	PUBLIC	NONE	4/14/1986	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	WINNIPEG	990619	4/15/1986	None
							Death	WINNIPEG	HBAP	6/12/1986	None
99	8/2/1986	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	6/13/1988	Unknown
							Transfer	MWRO	NONE	6/14/1988	Unknown
							Transfer	WINNIPEG	990620	6/15/1988	None
							Transfer	WAHPETON	UNK	10/20/1988	None
							Go LTF	WAHPETON	UNK	10/20/1988	None
100	8/2/1987	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	5/2/1989	Unknown
							Transfer	GOVT MAN	NONE	5/3/1989	Unknown
							Transfer	WINNIPEG	990621	5/4/1989	None
							Death	WINNIPEG	NBXX	5/5/1989	None
101	8/2/1988	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/4/1989	Unknown
							Transfer	PUBLIC	NONE	12/5/1989	Unknown
							Transfer	WINNIPEG	990622	12/6/1989	None
							Transfer	SEATTLE	900007	1/17/1990	None
							Death	SEATTLE	NHXX	3/22/2013	None
102	8/2/1990	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	2/18/1992	Unknown
							Transfer	MWRO	NONE	2/19/1992	Unknown
							Transfer	WINNIPEG	990623	2/20/1992	None
							Death	WINNIPEG	NBXX	2/29/1992	None
103	7/28/1991	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/25/1992	Unknown
							Transfer	MWRO	NONE	10/26/1992	Unknown
							Transfer	WINNIPEG	990624	10/27/1992	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	WINNIPEG	NHXX	10/28/1992	None
104	8/2/1991	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	10/28/1992	Unknown
							Transfer	MWRO	NONE	10/29/1992	Unknown
							Transfer	WINNIPEG	990625	10/30/1992	None
							Transfer	MWRO	NONE	11/12/1992	None
							Go LTF	MWRO	NONE	11/12/1992	None
105	8/2/1991	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/31/1992	Unknown
							Transfer	MWRO	NONE	11/1/1992	Unknown
							Transfer	WINNIPEG	990626	11/2/1992	None
							Death	WINNIPEG	NHXX	11/3/1992	None
106	8/2/1991	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/3/1992	Unknown
							Transfer	MWRO	NONE	11/4/1992	Unknown
							Transfer	WINNIPEG	990627	11/5/1992	None
							Death	WINNIPEG	NHXX	11/11/1992	None
107	8/2/1991	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	11/14/1992	Unknown
							Transfer	MWRO	NONE	11/15/1992	Unknown
							Transfer	WINNIPEG	990628	11/16/1992	None
							Transfer	HAVELOCKR	UNK	3/9/1993	None
							Go LTF	HAVELOCKR	UNK	3/9/1993	None
108	8/2/1991	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/20/1992	Unknown
							Transfer	MWRO	NONE	11/21/1992	Unknown
							Transfer	WINNIPEG	990629	11/22/1992	None
							Transfer	MWRO	NONE	2/22/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Go LTF	MWRO	NONE	2/22/1993	None
109	8/2/1991	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/16/1992	Unknown
							Transfer	MWRO	NONE	12/17/1992	Unknown
							Transfer	WINNIPEG	990630	12/18/1992	None
							Transfer	HAVELOCKR	UNK	3/9/1993	None
							Go LTF	HAVELOCKR	UNK	3/9/1993	None
110	8/2/1991	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	4/9/1993	Unknown
							Transfer	MWRO	NONE	4/10/1993	Unknown
							Transfer	WINNIPEG	990631	4/11/1993	None
							Transfer	ST FELICI	930081	6/15/1993	None
							Death	ST FELICI	KBN	3/18/1994	None
111	8/2/1991	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	5/15/1993	Unknown
							Transfer	MWRO	NONE	5/16/1993	Unknown
							Transfer	WINNIPEG	990632	5/17/1993	None
							Transfer	ST FELICI	930082	6/15/1993	None
							Death	ST FELICI	FCDC	7/23/1998	None
112	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/10/1993	Unknown
							Transfer	MWRO	NONE	10/11/1993	None
							Transfer	WINNIPEG	990633	10/12/1993	None
							Transfer	MWRO	NONE	10/15/1993	None
							Transfer	WINNIPEG	990633	10/18/1993	None
							Transfer	MWRO	NONE	10/18/1993	None
							Transfer	WINNIPEG	990633	12/12/1993	None
							Death	WINNIPEG	ABXX	12/12/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
113	10/11/1993	Unknown	WILD	WILD	Unknown	Not Contracepted	Hatch	MANITOBA	NONE	10/11/1993	Unknown
							Wild Capture	MWRO	NONE	10/12/1993	Unknown
							Transfer	WINNIPEG	990634	10/12/1993	None
							Transfer	MWRO	NONE	10/13/1993	None
							Go LTF	MWRO	NONE	10/13/1993	None
114	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/13/1993	Unknown
							Transfer	MWRO	NONE	10/14/1993	Unknown
							Transfer	WINNIPEG	990635	10/15/1993	None
							Transfer	MWRO	NONE	10/20/1993	None
							Go LTF	MWRO	NONE	10/20/1993	None
115	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/18/1993	Unknown
							Transfer	MWRO	NONE	10/19/1993	Unknown
							Transfer	WINNIPEG	990636	10/20/1993	None
							Death	WINNIPEG	AHXX	10/21/1993	None
116	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/25/1993	Unknown
							Transfer	MWRO	NONE	10/26/1993	Unknown
							Transfer	WINNIPEG	990637	10/27/1993	None
							Death	WINNIPEG	AHXX	10/28/1993	None
117	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/9/1993	Unknown
							Transfer	MWRO	NONE	11/10/1993	Unknown
							Transfer	WINNIPEG	990638	11/11/1993	None
							Transfer	MWRO	NONE	11/12/1993	None
							Go LTF	MWRO	NONE	11/12/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
118	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/10/1993	Unknown
							Transfer	MWRO	NONE	11/11/1993	Unknown
							Transfer	WINNIPEG	990639	11/12/1993	None
							Death	WINNIPEG	ABXX	11/13/1993	None
119	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/17/1993	Unknown
							Transfer	MWRO	NONE	11/18/1993	Unknown
							Transfer	WINNIPEG	990642	11/19/1993	None
							Transfer	MWRO	NONE	11/19/1993	None
							Go LTF	MWRO	NONE	11/19/1993	None
120	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/20/1993	Unknown
							Transfer	MWRO	NONE	11/21/1993	Unknown
							Transfer	WINNIPEG	990643	11/22/1993	None
							Death	WINNIPEG	AHXX	11/23/1993	None
121	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	11/27/1993	Unknown
							Transfer	MWRO	NONE	11/28/1993	Unknown
							Transfer	WINNIPEG	990644	11/29/1993	None
							Death	WINNIPEG	AHXX	11/30/1993	None
122	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	12/6/1993	Unknown
							Transfer	MWRO	NONE	12/7/1993	Unknown
							Transfer	WINNIPEG	990645	12/8/1993	None
							Transfer	MWRO	NONE	12/9/1993	None
							Go LTF	MWRO	NONE	12/9/1993	None
123	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	12/5/1993	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	MWRO	NONE	12/6/1993	Unknown
							Transfer	WINNIPEG	990647	12/8/1993	None
							Transfer	MWRO	NONE	12/9/1993	None
							Go LTF	MWRO	NONE	12/9/1993	None
124	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	2/6/1993	Unknown
							Transfer	MWRO	NONE	12/7/1993	Unknown
							Transfer	WINNIPEG	990646	12/8/1993	None
							Transfer	MWRO	NONE	12/9/1993	None
							Go LTF	MWRO	NONE	12/9/1993	None
125	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	2/12/1994	Unknown
							Transfer	MWRO	NONE	2/13/1994	Unknown
							Transfer	WINNIPEG	990648	2/14/1994	None
							Transfer	MWRO	NONE	2/15/1994	None
							Go LTF	MWRO	NONE	2/15/1994	None
126	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	3/23/1994	Unknown
							Transfer	MWRO	NONE	3/24/1994	Unknown
							Transfer	WINNIPEG	990649	3/25/1994	None
							Transfer	MWRO	NONE	4/19/1994	None
							Go LTF	MWRO	NONE	4/19/1994	None
127	8/2/1992	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	4/16/1994	Unknown
							Transfer	MWRO	NONE	4/17/1994	Unknown
							Transfer	WINNIPEG	990650	4/18/1994	None
							Death	WINNIPEG	AHXX	4/18/1994	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
128	8/2/1993	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	10/17/1994	Unknown
							Transfer	MWRO	NONE	10/18/1994	Unknown
							Transfer	WINNIPEG	990651	10/19/1994	None
							Transfer	MWRO	NONE	10/19/1994	None
							Go LTF	MWRO	NONE	10/19/1994	None
129	8/2/1997	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	5/23/1999	Unknown
							Transfer	MWRO	NONE	5/24/1999	Unknown
							Transfer	WINNIPEG	990716	5/25/1999	None
							Transfer	BIRD PREY	NONE	7/7/1999	None
							Go LTF	BIRD PREY	NONE	7/7/1999	None
130	6/24/1999	None	MULT16	MULT17	Female	Not Contracepted	Hatch	WINNIPEG	990976	6/24/1999	None
							Transfer	JURONG	J7507	3/20/2000	None
							Go LTF	JURONG	J7507	3/20/2002	None
131	6/26/1999	None	MULT16	MULT17	Female	Not Contracepted	Hatch	WINNIPEG	991064	6/26/1999	None
							Transfer	U GUELPH	UNK	3/24/2003	None
							Transfer	GOVT MAN	NONE	5/16/2005	None
							Go LTF	GOVT MAN	NONE	5/16/2005	None
132	6/28/1999	None	MULT16	MULT17	Female	Not Contracepted	Hatch	WINNIPEG	991065	6/28/1999	None
							Transfer	440318005	NONE	6/8/2000	None
							Go LTF	440318005	NONE	6/8/2000	None
133	6/30/1999	None	MULT16	MULT17	Female	Not Contracepted	Hatch	WINNIPEG	991066	6/30/1999	None
							Transfer	U GUELPH	NONE	3/24/2003	None
							Transfer	GOVT MAN	NONE	5/16/2005	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Go LTF	GOVT MAN	NONE	5/16/2005	None
134	8/2/1996	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	8/2/1996	Unknown
							Transfer	MWRO	NONE	7/14/1999	Unknown
							Transfer	WINNIPEG	991223	7/15/1999	None
							Death	WINNIPEG	NBAX	11/18/2010	None
135	6/2/1999	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	3/22/2000	Unknown
							Transfer	MWRO	006900	3/23/2000	Unknown
							Transfer	WINNIPEG	A00475	3/24/2000	None
							Transfer	SHUBENACA	NONE	5/10/2000	None
							Go LTF	SHUBENACA	NONE	5/10/2000	None
136	6/22/2000	None	MULT18	MULT19	Male	Not Contracepted	Hatch	WINNIPEG	A00892	6/22/2000	None
							Transfer	JURONG	J8299	2/6/2002	None
							Go LTF	JURONG	J8299	2/6/2002	None
137	6/22/2000	None	MULT18	MULT19	Female	Not Contracepted	Hatch	WINNIPEG	A00893	6/22/2000	None
							Transfer	JURONG	J8300	2/6/2002	None
							Go LTF	JURONG	J8300	2/6/2002	None
138	8/2/1998	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	11/15/2000	Unknown
							Transfer	MWRO	Unknown	11/16/2000	Unknown
							Transfer	WINNIPEG	A01708	11/17/2000	None
							Transfer	MASKINONG	UNK	1/15/2001	None
							Go LTF	MASKINONG	UNK	1/15/2001	None
139	5/2/2000	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	12/16/2000	Unknown
							Transfer	MWRO	NONE	12/17/2000	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	WINNIPEG	A01908	12/18/2000	None
							Transfer	MASKINONG	NONE	1/15/2001	None
							Go LTF	MASKINONG	NONE	1/15/2001	None
140	8/2/1999	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	1/10/2001	Unknown
							Transfer	MWRO	NONE	1/11/2001	Unknown
							Transfer	WINNIPEG	B00272	1/12/2001	None
							Transfer	COWAN B	NONE	2/27/2001	None
							Go LTF	COWAN B	NONE	2/27/2001	None
141	6/2/1999	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	5/30/2001	Unknown
							Transfer	MWRO	NONE	5/30/2001	Unknown
							Transfer	WINNIPEG	B00696	6/1/2001	None
							Transfer	STATEN IS	102001	3/18/2002	None
							Transfer	BALTIMORE	4429	2/18/2004	None
							Death	BALTIMORE	NHXX	11/18/2011	None
142	6/21/2001	None	MULT20	MULT21	Male	Not Contracepted	Hatch	WINNIPEG	B00898	6/21/2001	None
							Transfer	JURONG	J8301	2/6/2002	None
							Go LTF	JURONG	J8301	2/6/2002	None
143	6/26/2001	None	MULT20	MULT21	Female	Not Contracepted	Hatch	WINNIPEG	B00899	6/26/2001	None
							Transfer	STATEN IS	102002	3/18/2002	None
							Transfer	BALTIMORE	4430	2/18/2004	None
							Death	BALTIMORE	NHXX	12/21/2007	None
144	7/3/2001	None	MULT20	MULT21	Female	Not Contracepted	Hatch	WINNIPEG	B00900	7/3/2001	None
145	8/2/1998	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	3/6/2002	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	MWRO	002702	3/7/2002	None
							Transfer	WINNIPEG	C00336	3/8/2002	None
							Transfer	TULSA	14346	11/6/2002	None
							Death	TULSA	NHXX	12/6/2010	None
146	6/28/2002	None	MULT20	MULT21	Female	Not Contracepted	Hatch	WINNIPEG	C00495	6/28/2002	None
							Transfer	STEVENSVI	S0225	11/29/2002	None
							Go LTF	STEVENSVI	S0225	11/29/2002	None
147	6/28/2002	None	MULT20	MULT21	Female	Not Contracepted	Hatch	WINNIPEG	C00496	6/28/2002	None
							Death	WINNIPEG	FBAI	8/26/2002	None
148	6/29/2002	None	MULT20	MULT21	Female	Not Contracepted	Hatch	WINNIPEG	C00497	6/29/2002	None
							Transfer	JOHN BALL	302708	4/17/2003	None
							Death	JOHN BALL	FAAI	9/27/2004	None
149	7/5/2003	None	134	144	Male	Not Contracepted	Hatch	WINNIPEG	D00493	7/5/2003	None
							Transfer	CALGARY	106471	11/29/2003	None
							Transfer	ST FELICI	A40093	12/8/2004	None
							Death	ST FELICI	A40093	10/15/2009	None
150	7/7/2003	None	134	144	Female	Not Contracepted	Hatch	WINNIPEG	D00494	7/7/2003	None
							Transfer	ECOMUSEUM	UNK	3/11/2004	None
							Go LTF	ECOMUSEUM	UNK	3/11/2004	None
151	7/13/2003	None	134	144	Female	Not Contracepted	Hatch	WINNIPEG	D00495	7/13/2003	None
							Death	WINNIPEG	D00495	3/26/2015	None
152	8/2/2001	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	7/6/2004	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	MWRO	NONE	7/7/2004	Unknown
							Transfer	WINNIPEG	E00255	7/8/2004	None
							Death	WINNIPEG	FBDB	11/11/2004	None
153	7/4/2006	None	134	144	Male	Not Contracepted	Hatch	WINNIPEG	G00152	7/4/2006	None
							Death	WINNIPEG	G00152	12/21/2011	None
154	7/4/2006	None	134	144	Female	Not Contracepted	Hatch	WINNIPEG	G00153	7/4/2006	None
155	7/4/2006	None	134	144	Female	Not Contracepted	Hatch	WINNIPEG	G00154	7/4/2006	None
							Death	WINNIPEG	FBIF	7/11/2007	None
156	8/2/2004	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	1/1/2007	Unknown
							Transfer	MWRO	NONE	1/2/2007	Unknown
							Transfer	WINNIPEG	H00001	1/3/2007	None
							Death	WINNIPEG	H0001	12/6/2012	None
157	8/2/2004	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	MANITOBA	NONE	12/5/2007	Unknown
							Transfer	MWRO	NONE	12/6/2007	Unknown
							Transfer	WINNIPEG	H00754	12/7/2007	None
158	6/1/2001	Unknown	UNK	UNK	Male	Not Contracepted	Hatch	GOUDREAUL	UNK	6/1/2001	Unknown
							Transfer	CALGARY	105844	12/12/2001	None
							Transfer	BIRD PREY	NONE	10/3/2002	None
							Go LTF	BIRD PREY	NONE	10/3/2002	None
159	6/1/2001	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	GOUDREAUL	UNK	6/1/2001	Unknown
							Transfer	CALGARY	105845	12/12/2001	None
							Transfer	BIRD PREY	NONE	10/3/2002	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Go LTF	BIRD PREY	NONE	10/3/2002	None
160	6/1/2001	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/2001	Unknown
							Transfer	BIRD PREY	NONE	11/1/2002	Unknown
							Transfer	CALGARY	106148	11/22/2002	None
							Transfer	ST FELICI	B00304	5/17/2011	None
161	6/1/2002	Unknown	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/2002	Unknown
							Transfer	BIRD PREY	NONE	11/1/2002	Unknown
							Transfer	CALGARY	106149	11/22/2002	None
							Death	CALGARY	NHXX	4/21/2010	None
162	6/1/2002	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/2002	Unknown
							Transfer	BIRD PREY	NONE	11/1/2002	Unknown
							Transfer	CALGARY	106150	11/22/2002	None
							Transfer	BIRD PREY	NONE	2/8/2003	None
							Go LTF	BIRD PREY	NONE	2/8/2003	None
163	7/11/2004	None	161	160	Male	Not Contracepted	Hatch	CALGARY	106888	7/11/2004	None
							Death	CALGARY	NHXX	7/11/2004	None
164	7/11/2004	None	161	160	Female	Not Contracepted	Hatch	CALGARY	106889	7/11/2004	None
							Death	CALGARY	NHXX	7/11/2004	None
165	6/1/1974	Unknown	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/1974	Unknown
							Transfer	UNKNOWN	UNK	10/1/1975	Unknown
							Transfer	CALGARY	200337	10/31/1975	None
							Transfer	MASSEY	UNK	9/27/1990	None
							Go LTF	MASSY	UNK	9/27/1990	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
167	7/7/1978	None	165	182	Female	Not Contracepted	Hatch	CALGARY	107245	7/7/1978	None
							Transfer	DENVER	03821	4/6/1979	None
							Transfer	COLO SPRG	80A001	3/7/1980	None
							Death	COLO SPRG	80A001	9/6/1983	None
168	7/8/1978	None	165	182	Female	Not Contracepted	Hatch	CALGARY	107246	7/8/1978	None
							Transfer	DENVER	03822	4/6/1979	None
							Death	DENVER	03822	5/23/1988	None
169	7/10/1978	None	165	182	Female	Not Contracepted	Hatch	CALGARY	107247	7/10/1978	None
							Transfer	KANSASCTY	B132	7/17/1979	None
							Death	KANSASCTY	B132	8/20/1987	None
170	7/1/1976	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	UNK	7/1/1976	Unknown
							Transfer	PUBLIC	UNK	2/28/1977	Unknown
							Transfer	CALGARY	107248	3/3/1977	None
							Transfer	DENVER	02619	6/30/1977	None
							Death	DENVER	02619	12/19/1977	None
173	6/23/2006	None	161	160	Female	Not Contracepted	Hatch	CALGARY	107368	6/23/2006	None
							Death	CALGARY	AHXX	4/22/2009	None
174	6/28/2006	None	161	160	Female	Not Contracepted	Hatch	CALGARY	107370	6/28/2006	None
							Transfer	TORONTO	42038	9/12/2007	None
							Transfer	ELMVALE	NONE	7/2/2008	None
							Go LTF	ELMVALE	NONE	7/2/2008	None
175	7/1/2006	None	161	160	Male	Not Contracepted	Hatch	CALGARY	107371	7/1/2006	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	TORONTO	42037	9/12/2007	None
							Death	TORONTO	42037	6/21/2010	None
176	6/1/2005	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	N.AMERICA	Unknown	6/1/2005	None
							Wild Capture	CALGARY	107509	11/10/2006	Unknown
							Death	REHAB	UNK	12/1/2013	None
177	6/25/2009	None	161	160	Female	Not Contracepted	Hatch	CALGARY	108434	6/25/2009	None
							Transfer	ECOMUSEUM	NONE	11/5/2009	None
							Go LTF	ECOMUSEUM	NONE	4/26/2013	None
178	6/27/2009	None	161	160	Unknown	Not Contracepted	Hatch	CALGARY	108436	6/27/2009	None
							Death	CALGARY	NHXX	7/13/2009	None
179	6/29/2009	None	161	160	Unknown	Not Contracepted	Hatch	CALGARY	108444	6/29/2009	None
							Death	CALGARY	NHXX	7/5/2009	None
180	6/1/2010	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/2010	Unknown
							Transfer	REHAB	UNK	11/11/2011	Unknown
							Transfer	CALGARY	108865	11/12/2011	None
							Death	CALGARY	AHXX	11/13/2011	None
182	6/1/1974	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/1974	Unknown
							Wild Capture	UNKNOWN	UNK	10/30/1975	Unknown
							Transfer	CALGARY	200338	10/31/1975	None
							Death	CALGARY	NHN	6/14/1992	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
183	6/29/1979	None	165	182	Unknown	Not Contracepted	Hatch	CALGARY	200798	6/29/1979	None
							Transfer	PENTICTON	UNK	9/26/1979	None
							Go LTF	PENTICTON	UNK	9/26/1979	None
184	6/29/1979	None	165	182	Unknown	Not Contracepted	Hatch	CALGARY	200799	6/29/1979	None
							Transfer	PENTICTON	UNK	9/26/1979	None
							Go LTF	PENTICTON	UNK	9/26/1979	None
185	6/1/1978	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1978	Unknown
							Transfer	CWS	Unknown	2/10/1979	Unknown
							Transfer	CALGARY	200812	2/11/1979	None
							Transfer	OBIHIRO	UNK	6/21/1980	None
							Go LTF	OBIHIRO	UNK	6/21/1980	None
186	6/29/1979	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CALGARY	200813	6/29/1979	None
							Death	CALGARY	NHN	7/15/1979	None
187	6/1/1982	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1982	Unknown
							Transfer	UNKNOWN	UNK	8/14/1983	Unknown
							Transfer	CALGARY	201207	8/15/1983	None
							Death	CALGARY	NCCK	1/16/1986	None
188	6/1/1983	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1983	Unknown
							Transfer	UNKNOWN	NONE	1/22/1984	Unknown
							Transfer	CALGARY	201383	1/23/1984	None
							Death	CALGARY	CHN	3/29/1984	None
189	6/1/1984	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1984	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	SPCA	UNK	1/15/1985	Unknown
							Transfer	CALGARY	202357	1/16/1985	None
							Transfer	COLO SPRG	85AVZ4	11/26/1985	None
							Death	COLO SPRG	85AV24	8/11/1988	None
190	6/1/1984	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	ALBERTA	UNK	6/1/1984	Unknown
							Transfer	UNKNOWN	UNK	1/17/1985	Unknown
							Transfer	CALGARY	202359	1/18/1985	None
							Transfer	COLO SPRG	85AVZ55	11/26/1985	None
							Transfer	PHILADELP	203861	10/6/1988	None
							Death	PHILADELP	203861	7/17/1990	None
191	6/1/1985	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1985	Unknown
							Transfer	USFWS	UNK	12/16/1986	None
							Transfer	CALGARY	203858	12/17/1986	None
							Transfer	B.DOVE	NONE	3/25/1987	None
							Go LTF	B.DOVE	NONE	3/25/1987	None
192	6/1/1986	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1986	Unknown
							Transfer	JORAWSKY	NONE	11/30/1987	Unknown
							Transfer	CALGARY	204674	12/1/1987	None
							Transfer	VALLEYZOO	200044	3/1/1988	None
							Death	VALLEYZOO	FAYX	4/23/1996	None
193	6/1/1986	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1986	Unknown
							Transfer	POLICE	NONE	12/6/1987	Unknown
							Transfer	CALGARY	204680	12/7/1987	None
							Transfer	MASSEY	UNK	9/27/1990	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Go LTF	MASSY	UNK	9/27/1990	None
194	6/1/1988	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1988	Unknown
							Transfer	CALGARY	205679	3/9/1989	None
							Death	CALGARY	NHN	3/10/1989	None
195	6/1/1989	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1989	Unknown
							Transfer	CALGARY	206607	1/10/1990	None
							Death	CALGARY	NHN	1/14/1990	None
196	6/1/1989	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1989	Unknown
							Transfer	PUBLIC	NONE	12/23/1990	Unknown
							Transfer	CALGARY	207742	12/24/1990	None
							Release	WILD	207742	2/11/1991	None
197	6/1/1990	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1990	Unknown
							Transfer	USFWS	UNK	4/1/1991	Unknown
							Transfer	CALGARY	207821	4/3/1991	None
							Transfer	BIRD PREY	UNK	6/25/1991	None
							Go LTF	BIRD PREY	UNK	6/25/1991	None
198	6/1/1992	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1992	Unknown
							Transfer	CALGARY	209960	3/14/1993	None
							Death	CALGARY	KDDC	11/26/1995	None
199	6/1/1992	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1992	Unknown
							Transfer	PUBLIC	NONE	10/24/1993	Unknown
							Transfer	CALGARY	210407	10/25/1993	None
							Death	CALGARY	NHN	10/26/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
200	6/1/1992	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1992	Unknown
							Transfer	PUBLIC	NONE	10/29/1993	Unknown
							Transfer	CALGARY	210410	10/30/1993	None
							Death	CALGARY	NHN	11/2/1993	None
201	6/1/1992	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1992	Unknown
							Transfer	PUBLIC	NONE	11/7/1993	Unknown
							Transfer	CALGARY	210416	11/8/1993	None
							Death	CALGARY	AHN	11/10/1993	None
202	6/1/1992	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	6/1/1992	Unknown
							Transfer	PUBLIC	NONE	10/27/1993	Unknown
							Transfer	CALGARY	210420	10/28/1993	None
							Death	CALGARY	NHN	10/28/1993	None
203	7/2/1995	None	81	198	Unknown	Not Contracepted	Hatch	CALGARY	210730	7/2/1995	None
							Transfer	KAMLOOPS	UNK	3/17/1996	None
							Go LTF	KAMLOOPS	UNK	3/17/1996	None
204	7/7/1995	None	81	198	Unknown	Not Contracepted	Hatch	CALGARY	210746	7/7/1995	None
							Transfer	KAMLOOPS	UNK	3/17/1996	None
							Go LTF	KAMLOOPS	UNK	3/17/1996	None
205	7/7/1995	None	81	198	Female	Not Contracepted	Hatch	CALGARY	210747	7/7/1995	None
							Transfer	KAMLOOPS	UNK	3/17/1996	None
							Go LTF	KAMLOOPS	UNK	3/17/1996	None
206	6/1/1995	Unknown	UNK	UNK	Female	Not Contracepted	Hatch	KAMLOOPS	UNK	6/1/1995	Unknown

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	CALGARY	210878	3/19/1996	None
							Transfer	KAMLOOPS	UNK	4/25/1996	None
							Go LTF	KAMLOOPS	UNK	4/25/1996	None
207	6/1/1966	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1966	Unknown
							Transfer	OLYMPIA	UNK	12/24/1967	Unknown
							Transfer	SEATTLE	20078	1/1/1968	None
							Transfer	COLUMBIA	SJ0185	2/2/1977	None
							Transfer	NZP-WASH	205884	7/11/1979	None
							Death	NZP-WASH	205884	3/12/1981	None
208	6/1/1966	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	ALASKA	NONE	6/1/1966	Unknown
							Transfer	OLYMPIA	UNK	12/24/1967	Unknown
							Transfer	SEATTLE	20079	1/1/1968	None
							Transfer	COLUMBIA	SJ0513	1/1/1974	None
							Death	COLUMBIA	SJ0513	6/20/1979	None
209	6/28/1969	None	WILD	WILD	Female	Not Contracepted	Wild Capture	ALASKA	NONE	6/28/1969	None
							Transfer	PORTLAND	UNK	5/28/1972	Unknown
							Transfer	SEATTLE	20164	6/28/1972	None
							Death	SEATTLE	20164	4/2/1989	None
210	6/1/1966	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	ALASKA	NONE	6/1/1966	Unknown
							Transfer	OLYMPIA	UNK	12/24/1967	Unknown
							Transfer	SEATTLE	20080	1/1/1968	None
							Death	SEATTLE	20080	4/11/1990	None
211	8/16/1973	None	WILD	WILD	Male	Not Contracepted	Wild Capture	ALASKA	NONE	8/16/1973	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	OLYMPIA	NONE	8/10/1974	Unknown
							Transfer	SEATTLE	20343	8/17/1974	None
							Transfer	PHILADELP	200039	2/26/1976	None
							Death	PHILADELP	200039	6/16/1981	None
212	8/16/1973	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	ALASKA	NONE	8/16/1973	Year
							Transfer	OLYMPIA	UNK	8/15/1974	Month
							Transfer	SEATTLE	22084	8/17/1974	None
							Transfer	WILLOW PK	UNK	8/1/1979	None
							Go LTF	WILLOW PK	UNK	8/1/1979	None
213	6/20/1984	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	ALASKA	NONE	6/20/1984	Year
							Transfer	OLYMPIA	UNK	6/20/1985	Month
							Transfer	SEATTLE	4472	6/21/1985	None
							Transfer	PITTS CA	2135	9/26/1985	None
							Transfer	HUTCHINSN	297007	12/10/1997	None
							Death	HUTCHINSN	FEAG	1/7/1999	None
214	6/1/1997	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	CANADA	NONE	1/7/2002	Unknown
							Transfer	COLO SPRG	22A002	4/17/2002	None
							Transfer	SEATTLE	202385	3/27/2007	None
							Death	SEATTLE	202385	12/4/2014	None
215	5/31/1980	None	WILD	WILD	Male	Not Contracepted	Wild Capture	DENVER	UNK	5/31/1980	None
							Transfer	SEATTLE	1420	10/31/1980	None
							Transfer	SEA WORLD	UNK	1/29/1982	None
							Go LTF	SEA WORLD	UNK	1/29/1982	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
216	6/10/1982	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/10/1982	Year
							Transfer	LAUGHINGB	UNK	12/5/1989	None
							Transfer	SEATTLE	891090	12/6/1989	None
							Death	SEATTLE	91090	8/30/1990	None
217	6/1/1988	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1988	Year
							Transfer	OLYMPIA	UNK	10/28/1996	Year
							Transfer	SEATTLE	960340	10/29/1996	None
							Release	SEATTLE	960340	11/8/1996	None
218	6/21/1978	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	22209	6/21/1978	None
							Transfer	DENVER	03786	3/22/1979	None
							Death	DENVER	03786	4/19/1987	None
219	6/8/1981	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	1774	6/8/1981	None
							Transfer	TRACY AV	900177	5/18/1982	None
							Transfer	LUFKIN	08547	1/26/1995	None
							Transfer	ST LOUIS	981223	12/2/1998	None
							Death	ST LOUIS	NHXX	8/12/2002	None
220	6/24/1977	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	20722	6/24/1977	None
							Transfer	NZP-WASH	205289	1/19/1978	None
							Death	NZP-WASH	205289	4/3/1979	None
221	6/27/1977	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	20725q	6/27/1977	None
							Transfer	NW TREK	333	4/5/1978	None
							Death	NW TREK	333	10/4/1990	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
222	6/25/1978	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	22214	6/25/1978	None
							Transfer	ABILENE	603	2/1/1979	None
							Transfer	LOSANGELE	003610	4/12/1990	None
							Death	LOSANGELE	003610	11/24/1993	None
223	6/25/1979	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	22326	6/25/1979	None
							Transfer	ABILENE	604	2/21/1980	None
							Death	ABILENE	604	8/6/1986	None
224	5/18/1980	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	1229	5/18/1980	None
							Transfer	WILLOW PK	UNK	4/14/1981	None
							Go LTF	WILLOW PK	UNK	4/14/1981	None
225	5/20/1980	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	1230	5/20/1980	None
							Transfer	SALISBURY	613	2/17/1982	None
							Death	SALISBURY	613	12/18/1982	None
226	6/6/1981	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	1771	6/6/1981	None
							Transfer	TRACY AV	900178	5/18/1982	None
							Death	TRACY AV	900178	6/6/1994	None
227	5/18/1982	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	2011	5/18/1982	None
							Transfer	PHILADELP	202542	9/15/1983	None
							Transfer	CLEVELAND	900904	9/6/1990	None
							Transfer	AKRON	2187	10/26/1993	None
							Death	AKRON	2187	3/22/1999	None
228	5/24/1982	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	2017	5/24/1982	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	CHICAGOBR	25026	8/18/1983	None
							Transfer	AKRON	2011	10/27/1983	None
							Death	AKRON	2011	7/13/1986	None
229	5/30/1983	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	2281	5/30/1983	None
							Transfer	INDIANAPL	861	9/5/1983	None
							Transfer	COLO SPRG	87AV13	11/5/1987	None
							Death	COLO SPRG	87AV13	8/9/1994	None
230	6/6/1985	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	4444	6/6/1985	None
							Transfer	TULSA	7434	10/10/1985	None
							Death	TULSA	NAAX	5/10/2001	None
231	5/6/1986	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	4643	5/6/1986	None
							Transfer	BUFFALO	86B203	12/3/1986	None
							Death	BUFFALO	NHN	9/8/1989	None
232	5/10/1986	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	4656	5/10/1986	None
							Transfer	PITTS CA	2651	3/26/1987	None
							Death	PITTS CA	2651	7/25/1988	None
233	5/13/1986	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	4657	5/13/1986	None
							Transfer	FRESNO	5579	3/26/1987	None
							Death	FRESNO	5579	7/9/2001	None
234	5/15/1986	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	4658	5/15/1986	None
							Transfer	SYRACUSE	B86195	12/4/1986	None
							Transfer	CHICAGOLP	B8914	6/2/1989	None
							Transfer	SYRACUSE	B86195	1/10/1990	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	SYRACUSE	B86195	8/29/1998	None
235	5/18/1986	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	4664	5/18/1986	None
							Transfer	CLEVELAND	870302	3/17/1987	None
							Death	CLEVELAND	870302	5/9/1989	None
236	6/13/2011	None	214	101	Female	Not Contracepted	Hatch	SEATTLE	203786	6/13/2011	None
							Transfer	CHICAGOLP	22899	11/9/2011	None
237	7/5/1976	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	20578	7/5/1976	None
							Transfer	COLUMBIA	SJ1281	11/17/1977	None
							Transfer	FRANKLINP	98A563	10/7/1998	None
							Death	FRANKLINP	98A563	8/26/2001	None
238	6/27/1977	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	20724	6/27/1977	None
							Transfer	NW TREK	332	4/5/1978	None
							Death	NW TREK	332	10/3/1990	None
239	6/19/1978	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	20879	6/19/1978	None
							Transfer	DENVER	03785	3/22/1979	None
							Death	DENVER	03785	4/7/1979	None
240	6/23/1978	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	22210	6/23/1978	None
							Transfer	ABILENE	274	2/1/1979	None
							Death	ABILENE	274	9/1/1980	None
241	6/23/1979	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	22323	6/23/1979	None
							Transfer	DENVER	05266	11/20/1980	None
							Death	DENVER	05266	9/4/2000	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
242	6/24/1979	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	22325	6/24/1979	None
							Transfer	NZP-WASH	206501	4/17/1981	None
							Transfer	LANSING	1918	1/11/1995	None
							Death	LANSING	1918	7/22/2001	None
243	6/24/1979	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	22324	6/24/1979	None
							Transfer	SEA WORLD	UNK	11/13/1980	None
							Go LTF	SEA WORLD	UNK	11/13/1980	None
245	5/20/1982	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2013	5/20/1982	None
							Transfer	USDI LAW	539110	12/8/1983	None
							Transfer	DICKERSON	2376	7/3/1986	None
							Death	DICKERSON	2376	9/27/1989	None
246	5/28/1982	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2015	5/28/1982	None
							Transfer	USDI LAW	NONE	12/8/1983	None
							Death	SEATTLE	2015	7/2/1986	None
247	5/26/1982	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2021	5/26/1982	None
							Transfer	USDI LAW		12/2/1982	None
							Death	SEATTLE	2021	7/2/1986	None
248	5/28/1982	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2023	5/28/1982	None
							Transfer	USDI LAW		12/2/1982	None
							Death	SEATTLE	2023	7/2/1986	None
249	6/3/1982	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2032	6/3/1982	None
							Transfer	TACOMA	82A075	6/23/1982	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Go LTF	TACOMA	82A075	2/15/2015	None
250	5/23/1983	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2252	5/23/1983	None
							Transfer	RAPTOR RE	UNK	10/4/1983	None
							Go LTF	RAPTOR RE	UNKOWN	10/4/1983	None
251	6/1/1983	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	2282	6/1/1983	None
							Transfer	INDIANAPL	860	9/5/1983	None
							Transfer	BUFFALO	84B37	4/26/1984	None
							Transfer	ANCHORAGE	NS-2A	5/16/1986	None
							Death	ANCHORAGE	NS-2A	11/14/1989	None
252	5/30/1985	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	4436	5/30/1985	None
							Transfer	PITTS CA	2134	9/26/1985	None
							Transfer	DENVER	10513	5/1/1987	None
							Death	DENVER	10513	11/17/1991	None
253	6/1/1985	None	210	209	Male	Not Contracepted	Hatch	SEATTLE	4439	6/1/1985	None
							Transfer	TACOMA	85A012	9/24/1985	None
							Transfer	PROVIDNCE	892001	1/26/1989	None
							Transfer	UTICA	291025	11/26/1991	None
							Death	UTICA	291025	5/26/1997	None
254	6/2/1984	Month	UNK	UNK	Male	Not Contracepted	Hatch	ANTWERP	P753C	6/2/1984	Month
							Transfer	PORTLAND	85022	5/8/1985	None
							Death	PORTLAND	NHXX	12/9/1995	None
255	6/1/1984	Month	UNK	UNK	Female	Not Contracepted	Hatch	ANTWERP	P1162A	6/1/1984	Month
							Transfer	PORTLAND	85023	5/8/1985	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	PORTLAND	NHXX	6/5/1995	None
256	6/4/1987	None	254	255	Female	Not Contracepted	Hatch	PORTLAND	87037	6/4/1987	None
							Transfer	COLUMBIA	004440	3/16/1988	None
							Transfer	FRANKLINP	98A564	3/16/1998	None
							Death	FRANKLINP	NHXX	6/19/2000	None
257	6/14/1989	None	254	255	Male	Not Contracepted	Hatch	PORTLAND	89060	6/14/1989	None
							Transfer	SEATTLE	900011	1/23/1990	None
							Death	SEATTLE	900011	9/22/2006	None
258	6/7/1992	None	254	255	Male	Not Contracepted	Hatch	PORTLAND	92048	6/7/1992	None
							Transfer	JOHN BALL	301157	3/24/1993	None
							Death	JOHN BALL	FAAI	8/15/2002	None
259	6/10/1992	None	254	255	Female	Not Contracepted	Hatch	PORTLAND	92049	6/10/1992	None
							Transfer	NZP-WASH	212834	4/7/1993	None
							Death	NZP-WASH	NCY	7/25/1993	None
260	6/17/1993	None	254	255	Unknown	Not Contracepted	Hatch	PORTLAND	93050	6/17/1993	None
							Death	PORTLAND	NHXX	6/20/1993	None
261	6/17/2001	None	257	101	Male	Not Contracepted	Hatch	SEATTLE	200493	6/17/2001	None
							Transfer	COLO SPRG	21A023	10/9/2001	None
							Death	COLO SPRG	21A023	10/10/2001	None
262	6/17/2001	None	257	101	Male	Not Contracepted	Hatch	SEATTLE	200494	6/17/2001	None
							Transfer	LANSING	2534	10/9/2001	None
							Death	LANSING	2534	8/12/2002	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
263	6/23/2002	None	257	101	Male	Not Contracepted	Hatch	SEATTLE	200801	6/23/2002	None
							Transfer	LOUISVILL	201985	3/6/2003	None
							Death	LOUISVILL	201985	9/19/2003	None
264	5/25/1983	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	2262	5/25/1983	None
							Transfer	CHICAGOBR	25025	8/18/1983	None
							Transfer	BISMARCK	1528	9/25/1996	None
							Death	BISMARCK	1528	9/30/1998	None
265	5/27/1983	None	210	209	Female	Not Contracepted	Hatch	SEATTLE	2263	5/27/1983	None
							Transfer	CHICAGOBR	25027	8/18/1983	None
							Transfer	CLEVELAND	840721	7/25/1984	None
							Death	CLEVELAND	840721	1/5/1989	None
266	5/23/1984	None	210	209	Unknown	Not Contracepted	Hatch	SEATTLE	4144	5/23/1984	None
							Transfer	TACOMA	84A049	6/21/1984	None
							Transfer	PROVIDNCE	892002	1/25/1989	None
							Death	PROVIDNCE	892002	7/14/1994	None
267	5/25/1984	None	210	209	Unknown	Not Contracepted	Hatch	SEATTLE	4146	5/25/1984	None
							Transfer	USDI LAW	UNK	6/26/1984	None
							Go LTF	USDI LAW	UNK	6/26/1984	None
268	5/27/1984	None	210	209	Unknown	Not Contracepted	Hatch	SEATTLE	4156	5/27/1984	None
							Transfer	LOSANGELE	001903	7/12/1984	None
							Transfer	BIG BEAR	20770	5/2/1995	None
							Death	BIG BEAR	20770	5/2/1998	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
269	3/30/1984	None	210	209	Unknown	Not Contracepted	Hatch	SEATTLE	4151	3/30/1984	None
							Transfer	UWBURKE	NCGA	6/1/1984	None
							Go LTF	UWBURKE	NCGA	6/1/1984	None
270	6/1/1984	None	210	209	Unknown	Not Contracepted	Hatch	SEATTLE	4148	6/1/1984	None
							Transfer	LOSANGELE	001904	7/12/1984	None
							Death	LOSANGELE	01904	9/4/1986	None
271	6/21/1999	None	257	101	Unknown	Not Contracepted	Hatch	SEATTLE	990204	6/21/1999	None
							Transfer	MILTON	BTM04	11/3/1999	None
							Go LTF	MILTON	BTM04	11/3/1999	None
272	6/6/1995	None	UNK	UNK	Female	Not Contracepted	Hatch	DENVER	950224	6/6/1995	None
							Transfer	PORTLAND	95145	11/21/1995	None
							Death	PORTLAND	NHXX	8/29/2004	None
273	6/1/1967	+/- 2 Months	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1967	+/- 2 Months
							Transfer	UNKNOWN	NONE	6/1/1968	Unknown
							Transfer	CHICAGOBR	18853	7/29/1970	None
							Transfer	TULSA	784	7/29/1970	None
							Transfer	STATEN IS	986	2/18/1975	None
							Death	STATEN IS	FHAB	7/9/1984	None
274	6/1/1967	Unknown	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	NONE	6/1/1967	Unknown
							Wild Capture	UNKNOWN	UNK	6/1/1969	Unknown
							Transfer	CHICAGOBR	19696	9/1/1969	Unknown
							Transfer	CHICAGOLP	B7022	10/1/1970	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	FRANKLINP	77A277	5/18/1977	None
							Transfer	BALTIMORE	82724	5/19/1982	None
							Death	BALTIMORE	NAAR	6/15/1986	None
275	3/1/1970	+/- 3 Months	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	3/1/1970	+/- 3 Months
							Transfer	UNKNOWN	NONE	9/1/1970	Month
							Transfer	CHICAGOBR	19697	9/25/1970	Day
							Transfer	CHICAGOLP	21697	10/1/1970	None
							Death	CHICAGOLP	21697	11/13/1970	None
276	4/1/1970	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	4/1/1970	None
							Transfer	UNKNOWN	NONE	5/1/1970	Month
							Transfer	CHICAGOBR	20416	6/1/1970	None
							Death	CHICAGOBR	HAER	2/11/1978	None
277	4/1/1970	+/- 1 Month	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	4/1/1970	+/- 1 Month
							Transfer	UNKNOWN	NONE	5/1/1970	Year
							Transfer	CHICAGOBR	20417	6/1/1970	None
							Death	CHICAGOBR	EACO	11/4/1981	None
278	4/1/1970	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	ST.LAWREN	NONE	4/1/1970	Month
							Transfer	ST.LAWREN	NONE	5/1/1970	Month
							Transfer	CHICAGOBR	20418	6/1/1970	None
							Death	CHICAGOBR	HHGP	11/27/1987	None
279	4/1/1970	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	4/1/1970	+/- 1 Month
							Transfer	UNKNOWN	NONE	5/1/1970	+/- 1 Month
							Transfer	CHICAGOBR	20419	6/1/1970	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	CHICAGOBR	NHN	12/31/1977	None
280	6/1/1973	None	MULT1	MULT2	Female	Not Contracepted	Hatch	CHICAGOBR	23353	6/1/1973	None
							Transfer	PHILADELP	200025	1/7/1975	None
							Death	PHILADELP	FHN	7/12/1995	None
281	6/1/1974	None	MULT1	MULT2	Male	Not Contracepted	Hatch	CHICAGOBR	23354	6/1/1974	None
							Transfer	TULSA	2091	1/7/1975	None
							Death	TULSA	FEDC	12/2/1989	None
282	7/1/1980	None	278	277	Female	Not Contracepted	Hatch	CHICAGOBR	24370	7/1/1980	None
							Transfer	HERSHEY	8496	8/30/1984	None
							Death	HERSHEY	8496	8/30/1999	None
283	7/1/1980	None	278	277	Female	Not Contracepted	Hatch	CHICAGOBR	24371	7/1/1980	None
							Death	CHICAGOBR	NAN	7/1/1980	None
284	7/1/1980	None	278	277	Male	Not Contracepted	Hatch	CHICAGOBR	24372	7/1/1980	None
							Transfer	CLEV AQ	100001	12/4/1984	None
							Go LTF	CLEV AQ	100001	12/4/1984	None
286	7/8/1981	None	278	277	Male	Not Contracepted	Hatch	CHICAGOBR	24374	7/8/1981	None
							Death	CHICAGOBR	GHN	12/23/1995	None
287	7/8/1981	None	278	277	Male	Not Contracepted	Hatch	CHICAGOBR	24375	7/8/1981	None
							Transfer	CENTRALPK	886254	6/8/1988	None
							Death	CENTRALPK	NHN	12/28/1991	None
288	6/22/1983	None	278	282	Female	Not Contracepted	Hatch	CHICAGOBR	25058	6/22/1983	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	TOLEDO	841615	12/4/1984	None
							Transfer	PITTS CA	3149	10/5/1988	None
							Death	PITTS CA	FCAG	2/7/1997	None
289	7/12/1985	None	278	264	Unknown	Not Contracepted	Hatch	CHICAGOBR	850179	7/12/1985	None
							Death	CHICAGOBR	AACK	9/5/1985	None
290	7/12/1985	None	278	264	Unknown	Not Contracepted	Hatch	CHICAGOBR	850180	7/12/1985	None
							Transfer	KANSASCTY	201903	12/23/1986	None
							Transfer	MONROE	B116	9/30/1988	None
							Death	MONROE	B116	10/22/1988	None
291	7/26/1988	None	286	264	Male	Not Contracepted	Hatch	CHICAGOBR	880210	7/26/1988	None
							Transfer	OKLAHOMA	505901	7/19/1989	None
							Death	OKLAHOMA	NBFB	6/3/1999	None
292	6/30/1989	None	286	264	Female	Not Contracepted	Hatch	CHICAGOBR	890262	6/30/1989	None
							Transfer	BUFFALO	90B39	8/23/1990	None
							Death	BUFFALO	CHN	9/6/1990	None
293	7/23/1990	None	286	264	Male	Not Contracepted	Hatch	CHICAGOBR	900158	7/23/1990	None
							Transfer	BUFFALO	91B13	5/1/1991	None
							Death	BUFFALO	NHXX	9/28/2002	None
294	6/24/1990	None	286	264	Female	Not Contracepted	Hatch	CHICAGOBR	900159	6/24/1990	None
							Transfer	SOUTHBEND	91013	4/22/1991	None
							Death	SOUTHBEND	91013	6/10/1999	None
295	7/22/1991	None	286	264	Unknown	Not Contracepted	Hatch	CHICAGOBR	910140	7/22/1991	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	CHICAGOBR	NHY	7/22/1991	None
296	7/17/1993	None	286	264	Female	Not Contracepted	Hatch	CHICAGOBR	930119	7/17/1993	None
							Transfer	FRANKLINP	94A057	4/22/1994	None
							Death	FRANKLINP	94A057	4/24/1997	None
297	6/18/1993	None	286	264	Male	Not Contracepted	Hatch	CHICAGOBR	930122	6/18/1993	None
							Transfer	BINGHAMTO	942295	4/20/1994	None
							Death	BINGHAMTO	942295	9/10/2002	None
299	7/13/1988	None	213	232	Unknown	Not Contracepted	Hatch	PITTS CA	3094	7/13/1988	None
							Death	PITTS CA	NCY	7/15/1988	None
301	6/16/1988	None	213	232	Unknown	Not Contracepted	Hatch	PITTS CA	3095	6/16/1988	None
							Death	PITTS CA	NHN	7/19/1988	None
302	7/1/1989	None	213	288	Male	Not Contracepted	Hatch	SEATTLE	891114	7/1/1989	None
							Transfer	BUFFALO	89B73	12/6/1989	None
							Transfer	ROCHESTER	104238	11/10/1993	None
							Transfer	WATERTOWN	94020	10/13/1994	None
							Death	WATERTOWN	FAFI	6/14/2001	None
303	7/3/1989	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3411	7/3/1989	None
							Transfer	BUFFALO	89B74	12/6/1989	None
							Transfer	MANHATTAN	940007	3/8/1994	None
							Transfer	OMAHA	11729	6/22/2000	None
							Death	OMAHA	11729	8/29/2000	None
304	7/6/1989	None	213	288	Unknown	Not Contracepted	Hatch	PITTS CA	3412	7/6/1989	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	PITTS CA	NHN	7/8/1989	None
305	5/16/1990	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	3643	5/16/1990	None
							Transfer	PARAMUS	1890	10/17/1990	None
							Death	PARAMUS	1890	9/23/1999	None
306	5/17/1990	None	213	288	Male	Not Contracepted	Hatch	SEATTLE	900476	5/17/1990	None
							Transfer	DULUTH	867012	10/18/1990	None
							Death	DULUTH	NAAX	7/29/2005	None
307	5/19/1990	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3649	5/19/1990	None
							Transfer	NZP-WASH	211665	9/11/1990	None
							Death	NZP-WASH	NAY	6/27/1992	None
308	5/20/1990	None	213	288	Male	Not Contracepted	Hatch	SEATTLE	900477	5/20/1990	None
							Transfer	KNOXVILLE	245	10/17/1990	None
							Death	KNOXVILLE	245	8/27/2002	None
309	5/22/1990	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3652	5/22/1990	None
							Transfer	KNOXVILLE	246	10/17/1990	None
							Death	KNOXVILLE	246	6/15/1996	None
310	5/23/1990	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	3654	5/23/1990	None
							Transfer	NW TREK	657	10/17/1990	None
							Death	NW TREK	657	6/17/2009	None
311	5/26/1991	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3850	5/26/1991	None
							Death	PITTS CA	FCDC	8/8/1991	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
313	5/30/1991	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	3852	5/30/1991	None
							Transfer	SYRACUSE	B91084	10/17/1991	None
							Death	SYRACUSE	B91084	10/13/2001	None
314	6/7/1991	None	213	288	Unknown	Not Contracepted	Hatch	PITTS CA	3863	6/7/1991	None
							Death	PITTS CA	NHN	6/9/1991	None
315	5/26/1992	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	3934	5/26/1992	None
							Transfer	TULSA	10656	10/8/1992	None
							Death	TULSA	NHXX	12/23/2008	None
316	5/28/1992	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3937	5/28/1992	None
							Transfer	AKRON	2170	10/9/1992	None
							Death	AKRON	2170	8/28/2002	None
317	5/29/1992	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3939	5/29/1992	None
							Transfer	OKLAHOMA	591403	10/8/1992	None
							Transfer	SYRACUSE	B99149	9/15/1999	None
							Death	SYRACUSE	B99149	8/15/2002	None
318	6/1/1992	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	3944	6/1/1992	None
							Transfer	SAN FRAN	293002	3/3/1993	None
							Death	SAN FRAN	NHDC	5/11/1993	None
319	6/3/1992	None	213	288	Unknown	Not Contracepted	Hatch	PITTS CA	3949	6/3/1992	None
							Death	PITTS CA	NHN	6/8/1992	None
320	6/5/1993	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	4057	6/5/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	EMPORIA	103994	2/16/1994	None
							Death	EMPORIA	NCY	8/28/2002	None
321	6/8/1993	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	4059	6/8/1993	None
							Transfer	NZP-WASH	213280	1/27/1994	None
							Transfer	LANSING	1919	1/11/1995	None
							Death	LANSING	1919	7/22/2001	None
322	6/9/1993	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	4062	6/9/1993	None
							Transfer	EMPORIA	104094	2/16/1994	None
							Death	EMPORIA	NBAL	1/28/2002	None
323	6/13/1993	None	213	288	Unknown	Not Contracepted	Hatch	PITTS CA	4073	6/13/1993	None
							Death	PITTS CA	HCH	6/22/1993	None
324	6/15/1993	None	213	288	Unknown	Not Contracepted	Hatch	PITTS CA	4074	6/15/1993	None
							Death	PITTS CA	4074	6/26/1993	None
325	6/11/1996	None	213	288	Unknown	Not Contracepted	Hatch	PITTS CA	4598	6/11/1996	None
							Death	PITTS CA	NCN	6/16/1996	None
326	6/12/1996	None	213	288	Female	Not Contracepted	Hatch	PITTS CA	4604	6/12/1996	None
							Death	PITTS CA	FLDC	10/18/2008	None
327	6/15/1996	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	4609	6/15/1996	None
							Death	PITTS CA	FCAX	6/16/1996	None
328	6/9/1970	None	UNK	UNK	Female	Not Contracepted	Hatch	ZURICH	700076	6/9/1970	None
							Transfer	TULSA	812	10/6/1970	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	SAN FRAN	28042	12/3/1980	None
							Death	SAN FRAN	NEEX	12/29/1980	None
329	6/1/1970	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1970	Unknown
							Transfer	UNKNOWN	UNK	11/1/1970	None
							Transfer	TOPEKA	35470A	4/20/1971	None
							Transfer	TULSA	1097	4/20/1971	None
							Death	TULSA	FEFA	7/13/1984	None
330	8/7/1994	None	315	230	Female	Not Contracepted	Hatch	TULSA	11223	8/7/1994	None
							Transfer	COLO SPRG	95A004	6/21/1995	None
							Transfer	EMPORIA	196507	3/28/2007	None
							Death	EMPORIA	NBDN	8/18/2007	None
331	7/6/1995	None	315	230	Unknown	Not Contracepted	Hatch	TULSA	11539	7/6/1995	None
							Transfer	SEATTLE	950317	2/13/1996	None
							Transfer	MONROE	151798	2/14/1996	None
							Transfer	BISMARCK	1752	4/14/1999	None
							Death	BISMARCK	1752	1/1/2000	None
332	7/6/1996	None	315	230	Female	Not Contracepted	Hatch	TULSA	11884	7/6/1996	None
							Transfer	SAN FRAN	297005	2/5/1997	None
							Death	SAN FRAN	ACAX	9/25/2005	None
333	7/11/1996	None	315	230	Male	Not Contracepted	Hatch	TULSA	11885	7/11/1996	None
							Transfer	SEATTLE	960363	2/4/1997	None
							Transfer	BALTIMORE	970503	2/5/1997	None
							Death	BALTIMORE	NHXX	7/18/2002	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
334	7/28/2003	None	315	145	Unknown	Not Contracepted	Hatch	TULSA	14504	7/28/2003	None
							Death	TULSA	FBDC	11/7/2003	None
335	7/29/2003	None	315	145	Female	Not Contracepted	Hatch	TULSA	14505	7/29/2003	None
							Death	TULSA	FBDC	12/13/2003	None
336	8/6/2003	None	315	145	Male	Not Contracepted	Hatch	TULSA	14522	8/6/2003	None
							Death	TULSA	FBDC	1/29/2004	None
337	6/23/2011	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	CCSS352	6/23/2011	None
							Transfer	TULSA	16373	12/12/2011	None
338	6/3/1983	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	DENVER	06740	6/3/1983	Month
							Transfer	SAN FRAN	283901	10/1/1983	None
							Death	SAN FRAN	NHDC	12/31/2003	None
339	6/26/1999	None	338	332	Male	Not Contracepted	Hatch	SAN FRAN	299082	6/26/1999	None
							Transfer	NY BRONX	B00158	10/25/2000	None
							Transfer	TULSA	15786	2/26/2009	None
340	6/26/1999	None	338	332	Male	Not Contracepted	Hatch	SAN FRAN	299083	6/26/1999	None
							Transfer	HUTCHINSN	299030	11/6/1999	None
							Death	HUTCHINSN	299030	9/26/2002	None
341	6/30/1999	None	338	332	Female	Not Contracepted	Hatch	SAN FRAN	299084	6/30/1999	None
							Transfer	HUTCHINSN	299031	11/6/1999	None
							Death	HUTCHINSN	299031	5/20/2000	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
342	6/30/1999	None	338	332	Female	Not Contracepted	Hatch	SAN FRAN	299085	6/30/1999	None
							Transfer	DETROIT	7758	4/5/2000	None
							Death	DETROIT	FAAJ	7/24/2002	None
343	6/30/1999	None	338	332	Male	Not Contracepted	Hatch	SAN FRAN	299086	6/30/1999	None
							Transfer	NY BRONX	B00159	10/25/2000	None
345	6/30/2000	None	333	360	Unknown	Not Contracepted	Hatch	BALTIMORE	616	6/30/2000	None
							Transfer	CINCINNAT	200203	10/12/2000	None
							Death	CINCINNAT	200203	8/11/2002	None
346	7/11/2000	None	333	360	Unknown	Not Contracepted	Hatch	BALTIMORE	643	7/11/2000	None
							Transfer	FRANKLINP	A00527	11/21/2000	None
							Death	FRANKLINP	A00527	10/5/2001	None
347	6/15/2002	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	NONE	6/15/2002	None
							Transfer	BALTIMORE	3403	4/2/2003	None
							Death	BALTIMORE	NHXX	7/31/2003	None
348	6/15/2002	None	UNK	UNK	Male	Not Contracepted	Hatch	PRIVATE	NONE	6/15/2002	None
							Transfer	BALTIMORE	3404	4/2/2003	None
							Death	BALTIMORE	AHXX	8/6/2004	None
349	6/3/1989	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/3/1989	None
							Transfer	UNKNOWN	UNK	10/30/1990	Unknown
							Transfer	NY BRONX	902370	11/1/1990	None
							Death	NY BRONX	NAYX	9/9/1999	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
350	5/3/1971	None	UNK	UNK	Female	Not Contracepted	Hatch	EDMONTON	UNK	5/3/1971	None
							Transfer	CHICAGOLP	B7215	5/3/1972	None
							Transfer	SOUTHBEND	85244	8/19/1985	None
							Death	SOUTHBEND	FHN	6/25/1987	None
351	5/3/1971	None	UNK	UNK	Male	Not Contracepted	Hatch	EDMONTON	UNK	5/3/1971	None
							Transfer	CHICAGOLP	B7214	5/3/1972	None
							Transfer	SOUTHBEND	85243	8/19/1985	None
							Death	SOUTHBEND	CHN	6/18/1986	None
352	6/3/1975	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	Non	6/3/1975	Year
							Transfer	USFWS	NONE	12/28/1976	None
							Transfer	CHICAGOLP	B76189	12/29/1976	None
							Transfer	FRANKLINP	455	5/7/1977	None
							Death	FRANKLINP	455	1/23/1992	None
353	6/10/1979	None	351	350	Female	Not Contracepted	Hatch	CHICAGOLP	B7954	6/10/1979	None
							Transfer	COLUMBIA	SJ2009	12/5/1979	None
							Death	COLUMBIA	NADC	2/27/1987	None
354	6/12/1979	None	351	350	Male	Not Contracepted	Hatch	CHICAGOLP	B7955	6/12/1979	None
							Transfer	ST LOUIS	179206	12/5/1979	None
							Death	ST LOUIS	NHXX	3/27/1998	None
355	6/14/1979	None	351	350	Female	Not Contracepted	Hatch	CHICAGOLP	B7956	6/14/1979	None
							Transfer	ST LOUIS	179207	12/5/1979	None
							Death	ST LOUIS	NHXX	3/27/1998	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
356	6/16/1979	None	351	350	Unknown	Not Contracepted	Hatch	CHICAGOLP	B7957	6/16/1979	None
							Transfer	MANHATTAN	4380	1/1/1980	None
							Death	MANHATTAN	4380	10/10/1984	None
357	6/18/1979	None	351	350	Male	Not Contracepted	Hatch	CHICAGOLP	B7958	6/18/1979	None
							Transfer	MANHATTAN	004280	1/1/1980	None
							Death	MANHATTAN	NHN	6/15/1987	None
358	6/20/1979	None	351	350	Unknown	Not Contracepted	Hatch	CHICAGOLP	B7959	6/20/1979	None
							Death	CHICAGOLP	B7959	7/1/1979	None
359	6/4/1983	None	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	6/4/1983	None
							Transfer	UNKNOWN	UNK	6/4/1983	None
							Transfer	SYRACUSE	B87021	6/4/1983	None
							Transfer	CHICAGOLP	B8915	6/2/1989	None
							Death	CHICAGOLP	B8915	6/26/1989	None
360	1/7/1985	None	WILD	WILD	Female	Not Contracepted	Wild Capture	LEVIS	NONE	1/7/1985	None
							Transfer	QUEBEC	895605	7/1/1992	Month
							Transfer	CHICAGOLP	B9292	7/7/1992	None
							Transfer	BALTIMORE	960717	9/18/1996	None
							Death	BALTIMORE	NHXX	8/24/2002	None
362	7/5/1993	None	596	360	Female	Not Contracepted	Hatch	CHICAGOLP	B9369	7/5/1993	None
							Transfer	JOHN BALL	201257	11/30/1993	None
							Death	JOHN BALL	FAAI	8/14/2002	None
363	7/5/1993	None	596	360	Unknown	Not Contracepted	Hatch	CHICAGOLP	B9368	7/5/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	CHICAGOLP	B9368	7/5/1993	None
364	7/5/1993	None	596	360	Male	Not Contracepted	Hatch	CHICAGOLP	B9370	7/5/1993	None
							Transfer	ST LOUIS	931202	12/1/1993	None
							Transfer	DETROIT	7196	4/21/1999	None
							Death	DETROIT	FHAJ	8/2/2002	None
365	7/6/1993	None	596	360	Unknown	Not Contracepted	Hatch	CHICAGOLP	B9371	7/6/1993	None
							Death	CHICAGOLP	B9371	7/8/1993	None
366	7/9/1993	None	596	360	Unknown	Not Contracepted	Hatch	CHICAGOLP	B9375	7/9/1993	None
							Death	CHICAGOLP	B9375	7/10/1993	None
368	7/7/1994	None	596	360	Female	Not Contracepted	Hatch	CHICAGOLP	B9489	7/7/1994	None
							Transfer	STATEN IS	010881	4/20/1995	None
							Death	STATEN IS	NAYX	7/31/2000	None
369	7/9/1994	None	596	360	Female	Not Contracepted	Hatch	CHICAGOLP	B9490	7/9/1994	None
							Transfer	GRESS B	UNK	7/19/1995	None
							Go LTF	GRESS B	UNK	7/19/1995	None
371	11/11/1986	None	WILD	WILD	Female	Not Contracepted	Hatch	LUFKIN	07865	11/11/1986	None
							Transfer	ST LOUIS	981224	12/2/1998	None
							Death	ST LOUIS	NHXX	8/12/2002	None
372	4/10/2000	None	219	371	Female	Not Contracepted	Hatch	ST LOUIS	100119	4/10/2000	None
							Transfer	HERSHEY	A1.02	3/1/2001	None
							Death	HERSHEY	A1.02	8/22/2002	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
373	4/15/2000	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	100142	4/15/2000	None
							Transfer	KANSASCTY	A01017	4/2/2001	None
							Death	KANSASCTY	A01017	9/3/2002	None
374	4/24/2000	None	219	371	Female	Not Contracepted	Hatch	ST LOUIS	100183	4/24/2000	None
							Transfer	WILMINGTON	845	4/19/2001	None
							Death	WILMINGTON	845	11/9/2004	None
375	4/17/2001	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	100894	4/17/2001	None
							Transfer	CHICAGOLP	20436	10/9/2001	None
376	5/12/2002	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	101636	5/12/2002	None
							Death	ST LOUIS	NHXX	8/19/2002	None
377	5/6/1992	None	354	355	Unknown	Not Contracepted	Hatch	ST LOUIS	920506	5/6/1992	None
							Death	ST LOUIS	NHAO	5/8/1992	None
378	5/8/1992	None	354	355	Unknown	Not Contracepted	Hatch	ST LOUIS	920509	5/8/1992	None
							Death	ST LOUIS	NHN	5/17/1992	None
379	6/10/1994	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	940731	6/10/1994	None
							Death	ST LOUIS	NHN	7/13/1994	None
380	4/19/1995	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	950423	4/19/1995	None
							Death	ST LOUIS	NHN	4/20/1995	None
381	4/22/1995	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	950425	4/22/1995	None
							Death	ST LOUIS	NHN	5/2/1995	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
382	5/2/1995	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	950507	5/2/1995	None
							Death	ST LOUIS	NHN	5/2/1995	None
383	4/11/1996	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	960406	4/11/1996	None
							Death	ST LOUIS	NHXX	8/6/1996	None
384	4/16/1996	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	960410	4/16/1996	None
							Death	ST LOUIS	NHN	4/21/1996	None
385	4/21/1996	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	960439	4/21/1996	None
							Death	ST LOUIS	NHN	4/21/1996	None
386	4/27/1996	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	960444	4/27/1996	None
							Death	ST LOUIS	NHN	4/28/1996	None
388	5/11/1997	None	364	355	Unknown	Not Contracepted	Hatch	ST LOUIS	970506	5/11/1997	None
							Death	ST LOUIS	970506	5/11/1997	None
389	4/23/1999	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	990434	4/23/1999	None
							Transfer	BUFFALO	B0018	4/6/2000	None
							Transfer	DULUTH	200194	5/18/2006	None
							Death	DULUTH	NHAX	7/30/2007	None
390	5/1/1999	None	219	371	Male	Not Contracepted	Hatch	ST LOUIS	990500	5/1/1999	None
							Transfer	DENVER	A00057	3/9/2000	None
							Transfer	ROCHESTER	105382	10/14/2004	None
							Transfer	WATERTOWN	10191	5/19/2005	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
392	7/4/2007	None	646	645	Female	Not Contracepted	Hatch	TALLIN	16766	7/4/2007	None
							Transfer	ALEXANDRI	A9.11	4/15/2009	None
							Transfer	HERSHEY	A9.12	5/15/2009	None
393	7/1/2008	None	650	649	Male	Not Contracepted	Hatch	AMERSFOOR	B3633	7/1/2008	None
							Transfer	HERSHEY	A9.07	4/6/2009	None
							Death	HERSHEY	A9.07	5/11/2015	None
394	6/17/2012	None	393	392	Unknown	Not Contracepted	Hatch	HERSHEY	12.20	6/17/2012	None
							Death	HERSHEY	12.20	9/4/2012	None
395	6/20/2012	None	393	392	Unknown	Not Contracepted	Hatch	HERSHEY	12.21	6/20/2012	None
							Death	HERSHEY	12.21	9/15/2012	None
396	4/18/1976	None	UNK	UNK	Female	Not Contracepted	Hatch	MICH KEN	UNK	4/18/1976	None
							Transfer	HERSHEY	7825	4/19/1978	None
							Death	HERSHEY	7825	9/10/1983	None
397	4/18/1976	None	UNK	UNK	Male	Not Contracepted	Hatch	MICH KEN	UNK	4/18/1976	None
							Transfer	HERSHEY	7826	4/19/1978	None
							Death	HERSHEY	7826	8/30/1994	None
398	6/16/1985	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8550	6/16/1985	None
							Death	HERSHEY	8550	6/21/1985	None
399	6/18/1985	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8551	6/18/1985	None
							Death	HERSHEY	8551	6/21/1985	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
400	6/13/1986	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8629	6/13/1986	None
							Transfer	WILMINGTON	460	4/22/1988	None
							Death	WILMINGTON	460	9/17/2002	None
401	5/21/1987	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8722	5/21/1987	None
							Death	HERSHEY	8722	10/11/1987	None
402	5/23/1987	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8723	5/23/1987	None
							Death	HERSHEY	8723	5/27/1987	None
403	5/26/1987	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8724	5/26/1987	None
							Death	HERSHEY	8724	6/3/1987	None
404	5/28/1987	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	8725	5/28/1987	None
							Death	HERSHEY	8725	6/2/1987	None
405	5/27/1988	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	88.48	5/27/1988	None
							Death	HERSHEY	88.48	5/30/1988	None
406	5/27/1988	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	88.49	5/27/1988	None
							Transfer	FRESNO	5685	10/11/1988	None
							Death	FRESNO	5685	9/30/2000	None
407	6/7/1988	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	88.54	6/7/1988	None
							Death	HERSHEY	88.54	7/24/1988	None
408	5/28/1989	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	89.14	5/28/1989	None
							Death	HERSHEY	89.14	6/30/1989	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
409	5/28/1989	None	397	282	Female	Not Contracepted	Hatch	HERSHEY	89.15	5/28/1989	None
							Transfer	OKLAHOMA	509802	9/11/1989	None
							Death	OKLAHOMA	NEEX	5/7/1992	None
410	5/29/1989	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	89.16	5/29/1989	None
							Death	HERSHEY	89.16	6/23/1989	None
411	5/23/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.18	5/23/1990	None
							Death	HERSHEY	90.18	5/26/1990	None
412	5/24/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.19	5/24/1990	None
							Death	HERSHEY	90.19	5/26/1990	None
413	5/25/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.20	5/25/1990	None
							Death	HERSHEY	90.20	5/26/1990	None
414	5/27/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.26	5/27/1990	None
							Death	HERSHEY	90.26	5/27/1990	None
415	7/16/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.49	7/16/1990	None
							Death	HERSHEY	90.49	7/23/1990	None
416	7/20/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.50	7/20/1990	None
							Death	HERSHEY	90.50	1/1/2014	None
417	7/23/1990	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	90.51	7/23/1990	None
							Transfer	PROVIDNCE	912003	1/28/1991	None
							Transfer	NEW BEDFO	BOP1	7/15/1994	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	PORTLAND	96066	10/31/1996	None
							Death	PORTLAND	96066	11/3/2006	None
418	7/26/1990	None	397	282	Female	Not Contracepted	Hatch	HERSHEY	90.52	7/26/1990	None
							Transfer	NW TREK	668	5/8/1991	None
							Death	NW TREK	668	8/9/1991	None
419	7/27/1990	None	397	282	Female	Not Contracepted	Hatch	HERSHEY	90.53	7/27/1990	None
							Transfer	BUFFALO	91B2	2/4/1991	None
							Death	BUFFALO	91B2	7/29/1997	None
420	7/31/1990	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	90.54	7/31/1990	None
							Death	HERSHEY	90.54	8/24/1990	None
421	7/26/1991	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	91.103	7/26/1991	None
							Transfer	SIOUX FAL	1347	4/28/1992	None
							Death	SIOUX FAL	1347	4/15/1996	None
422	7/31/1991	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	91.119	7/31/1991	None
							Transfer	SIOUX FAL	1348	7/13/1992	None
							Death	SIOUX FAL	1348	7/13/1992	None
423	8/6/1991	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	91.120	8/6/1991	None
							Death	HERSHEY	91.120	8/11/1991	None
424	5/31/1991	None	397	282	Female	Not Contracepted	Hatch	HERSHEY	91.66	5/31/1991	None
							Transfer	UTICA	292001	1/22/1992	None
							Death	UTICA	292001	8/10/1997	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
425	6/4/1991	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	91.67	6/4/1991	None
							Death	HERSHEY	91.67	6/6/1991	None
426	6/7/1991	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	91.68	6/7/1991	None
							Transfer	MANHATTAN	171291	12/17/1991	None
							Transfer	OMAHA	11728	6/22/2000	None
							Death	OMAHA	11728	6/22/2000	None
427	6/9/1991	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	91.69	6/9/1991	None
							Transfer	COLO SPRG	92A001	3/3/1992	None
							Death	COLO SPRG	92A001	5/2/2001	None
428	5/25/1992	None	397	282	Female	Not Contracepted	Hatch	HERSHEY	92.51	5/25/1992	None
							Transfer	HOGLE	09518	11/24/1992	None
							Transfer	BUFFALO	97B70	11/4/1997	None
							Death	BUFFALO	97B70	6/9/1999	None
429	5/27/1992	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	92.52	5/27/1992	None
							Death	HERSHEY	92.52	6/19/1992	None
430	6/4/1992	None	397	282	Male	Not Contracepted	Hatch	HERSHEY	92.63	6/4/1992	None
							Transfer	CAPE MAY	304	9/24/1992	None
							Death	CAPE MAY	304	6/1/2016	None
432	6/4/1992	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	92.64	6/4/1992	None
							Death	HERSHEY	92.64	6/9/1992	None
433	6/3/1993	None	397	282	Female	Not Contracepted	Hatch	HERSHEY	93.35	6/3/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	PHILADELP	204793	12/5/1993	None
							Death	PHILADELP	204793	1/25/1998	None
434	6/6/1993	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	93.37	6/6/1993	None
							Death	HERSHEY	93.37	6/9/1993	None
435	6/8/1993	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	93.38	6/8/1993	None
							Death	HERSHEY	93.38	6/9/1993	None
436	6/10/1993	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	93.39	6/10/1993	None
							Death	HERSHEY	93.39	6/17/1993	None
437	6/13/1993	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	93.45	6/13/1993	None
							Death	HERSHEY	93.45	6/25/1993	None
438	8/10/1993	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	93.86	8/10/1993	None
							Death	HERSHEY	93.86	8/17/1993	None
439	8/10/1993	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	93.87	8/10/1993	None
							Death	HERSHEY	93.87	8/21/1993	None
440	5/30/1994	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	94.36	5/30/1994	None
							Transfer	STATEN IS	010096	8/31/1995	None
							Death	STATEN IS	NAYX	8/14/2000	None
441	6/4/1994	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	94.38	6/4/1994	None
							Death	HERSHEY	94.38	6/8/1994	None
442	6/7/1994	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	94.39	6/7/1994	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	HERSHEY	94.39	6/8/1994	None
443	6/11/1994	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	94.41	6/11/1994	None
							Death	HERSHEY	94.41	6/12/1994	None
444	8/5/1994	None	397	282	Unknown	Not Contracepted	Hatch	HERSHEY	94.46	8/5/1994	None
							Death	HERSHEY	94.46	8/17/1994	None
445	5/8/1997	None	364	355	Female	Not Contracepted	Hatch	ST LOUIS	970501	5/8/1997	None
							Transfer	WATERTOWN	98001	1/29/1998	None
							Death	WATERTOWN	NHXX	9/9/2003	None
446	6/22/2001	None	302	445	Male	Not Contracepted	Hatch	WATERTOWN	10055	6/22/2001	None
							Death	WATERTOWN	NHXX	11/22/2004	None
447	6/22/2001	None	302	445	Unknown	Not Contracepted	Hatch	WATERTOWN	10056	6/22/2001	None
							Death	WATERTOWN	10056	6/29/2001	None
448	6/23/2001	None	302	445	Unknown	Not Contracepted	Hatch	WATERTOWN	10057	6/23/2001	None
							Death	WATERTOWN	HBNX	6/26/2001	None
449	6/28/2001	None	302	445	Male	Not Contracepted	Hatch	WATERTOWN	10058	6/28/2001	None
							Death	WATERTOWN	NBNX	6/28/2001	None
451	6/1/2002	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/2002	None
							Transfer	UNKNOWN	UNK	6/1/2003	None
							Transfer	WATERTOWN	21016	8/4/2005	None
							Transfer	PRIVATE	UNK	11/10/2007	None
							Go LTF	PRIVATE	UNK	11/10/2007	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
452	6/1/1999	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	UNK	6/1/1999	None
							Transfer	WATERTOWN	21150	5/18/2009	None
							Death	WATERTOWN	FACB	11/11/2010	None
453	6/15/2010	None	390	452	Female	Not Contracepted	Hatch	WATERTOWN	21191	6/15/2010	None
							Transfer	PRIVATE	UNK	11/4/2010	None
							Transfer	WATERTOWN	21191	3/29/2011	None
454	6/17/2010	None	390	452	Male	Not Contracepted	Hatch	WATERTOWN	21192	6/17/2010	None
							Transfer	PITTS CA	7920	10/11/2010	None
455	6/19/2010	None	390	452	Male	Not Contracepted	Hatch	WATERTOWN	21193	6/19/2010	None
							Transfer	FLUSHINGP	Q10101	10/8/2010	None
							Transfer	NASHV ZOO	4727	3/18/2015	None
457	6/1/1992	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1992	None
							Transfer	UNKNOWN	UNK	5/1/1993	None
							Transfer	WATERTOWN	93043	6/1/1993	None
							Death	WATERTOWN	FBAK	6/23/1997	None
458	4/1/1991	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	4/1/1991	None
							Transfer	UNKNOWN	UNK	5/12/1993	None
							Transfer	WATERTOWN	94034	5/12/1994	None
							Transfer	ROCHESTER	104464	10/13/1994	None
							Death	ROCHESTER	GAAK	9/12/2001	None
459	6/1/1996	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1996	None
							Transfer	UNKNOWN	UNK	6/1/1997	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	WATERTOWN	97060	7/7/1997	None
							Transfer	PROSPECTP	988007	1/29/1998	None
							Death	PROSPECTP	NAYX	10/2/2001	None
460	7/1/1997	None	293	419	Unknown	Not Contracepted	Hatch	BUFFALO	97B36	7/1/1997	None
							Death	BUFFALO	NHXX	7/1/1997	None
461	7/3/1997	None	293	419	Unknown	Not Contracepted	Hatch	BUFFALO	97B38	7/3/1997	None
							Death	BUFFALO	NHXX	7/10/1997	None
462	7/5/1997	None	293	419	Unknown	Not Contracepted	Hatch	BUFFALO	97B41	7/5/1997	None
							Death	BUFFALO	NHXX	7/12/1997	None
463	7/9/1997	None	293	419	Unknown	Not Contracepted	Hatch	BUFFALO	97B42	7/9/1997	None
							Death	BUFFALO	JHXX	7/9/1997	None
464	7/7/1997	None	293	419	Male	Not Contracepted	Hatch	BUFFALO	97B48	7/7/1997	None
							Transfer	UTICA	297012	12/4/1997	None
465	7/26/1998	None	293	428	Unknown	Not Contracepted	Hatch	BUFFALO	98B78	7/26/1998	None
							Death	BUFFALO	NHxx	7/28/1998	None
466	7/10/1999	None	293	428	Unknown	Not Contracepted	Hatch	BUFFALO	99B62	7/10/1999	None
							Death	BUFFALO	FHAB	8/2/1999	None
467	6/1/1982	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1982	None
							Transfer	UNKNOWN	UNK	6/1/1983	None
							Transfer	BUFFALO	83B901	10/7/1983	None
							Transfer	LINCOLN C	C-581	1/24/1989	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	LINCOLN C	C-581	5/26/1989	None
468	6/1/1963	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1963	Year
							Transfer	UNKNOWN	UNK	6/1/1964	Year
							Transfer	BUF MUS	UNK	11/8/1964	None
							Transfer	BUFFALO	B90417	11/10/1964	None
							Death	BUFFALO	NHXX	9/22/1966	None
469	6/1/1982	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	UNK	6/1/1982	Year
							Transfer	UNKNOWN	UNK	6/1/1986	None
							Transfer	NYS DEC	UNK	10/1/1986	None
							Transfer	ROCHESTER	102663	11/13/1986	None
							Death	ROCHESTER	FADC	11/21/1986	None
470	6/1/1991	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	UNK	6/1/1991	Year
							Transfer	UNKNOWN	UNK	6/1/1993	None
							Transfer	WSUDVCS	NONE	8/1/1993	Year
							Transfer	ROCHESTER	104206	8/18/1993	None
							Death	ROCHESTER	GAKK	6/11/1998	None
471	6/1/1998	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	6/1/1998	Year
							Transfer	UNKNOWN	NONE	6/1/1999	Year
							Transfer	PUBLIC	NONE	11/1/2000	Year
							Transfer	ROCHESTER	104976	11/17/2000	None
							Death	ROCHESTER	FAFG	7/2/2008	None
472	6/1/1992	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	6/1/1992	Year
							Transfer	UNKNOWN	NONE	12/26/1993	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	TREVOR	93B411	12/26/1993	None
							Death	TREVOR	93B411	8/8/2015	None
473	6/28/2011	None	651	652	Male	Not Contracepted	Hatch	KRONBERG	112012	6/28/2011	None
							Transfer	COLUMBUS	112012	3/29/2012	None
							Transfer	AKRON	101198	4/12/2013	None
474	5/28/2011	None	650	649	Male	Not Contracepted	Hatch	AMERSFOOR	UNK	5/28/2011	None
							Transfer	KRONBERG	2413	1/17/2012	None
							Transfer	COLUMBUS	112013	3/29/2012	None
							Transfer	BINGHAMTO	13008	2/28/2013	None
475	6/1/2011	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	UNK	6/1/2011	None
							Transfer	KRONBERG	2414	1/17/2012	None
							Transfer	COLUMBUS	112014	3/29/2012	None
							Transfer	BINGHAMTO	13009	2/28/2013	None
476	6/15/2011	None	UNK	UNK	Female	Not Contracepted	Hatch	KRONBERG	2415	6/15/2011	None
							Transfer	COLUMBUS	112015	5/29/2012	None
							Death	COLUMBUS	NHXX	3/22/2013	None
477	6/24/2010	None	390	452	Male	Not Contracepted	Hatch	WATERTOWN	21194	6/24/2010	None
							Transfer	MINNESOTA	12949	11/4/2010	None
							Transfer	LVZOO	LV0323	7/2/2014	None
478	7/18/2010	None	390	452	Female	Not Contracepted	Hatch	WATERTOWN	21196	7/18/2010	None
							Transfer	MINNESOTA	12950	11/4/2010	None
							Transfer	LOUISVILL	202543	6/2/2013	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
479	7/6/2008	None	UNK	UNK	Male	Not Contracepted	Hatch	ROCKTON	UNK	7/6/2008	None
							Transfer	MINNESOTA	12333	1/22/2009	None
480	7/6/2002	None	364	342	Female	Not Contracepted	Hatch	DETROIT	10832	7/6/2002	None
							Death	DETROIT	FHAJ	7/23/2002	None
481	7/11/2002	None	364	342	Unknown	Not Contracepted	Hatch	DETROIT	10835	7/11/2002	None
							Death	DETROIT	NHN	7/14/2002	None
482	12/1/1930	None	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	12/1/1930	None
							Transfer	PUBLIC	UNK	12/1/1931	None
							Transfer	DETROIT	H01602	12/2/1931	None
							Death	DETROIT	H01602	12/3/1931	Unknown
483	6/1/1943	+/- 3 Years	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	6/1/1943	+/- 3 Years
							Transfer	PUBLIC	NONE	10/21/1946	None
							Transfer	DETROIT	H01603	10/22/1946	None
							Death	DETROIT	H01603	10/23/1946	None
484	6/1/1963	None	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	6/1/1963	None
							Transfer	PUBLIC	NONE	12/16/1964	None
							Transfer	DETROIT	H01605	12/17/1964	None
							Death	DETROIT	NHXX	5/2/1968	None
485	6/1/1964	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	6/1/1964	Year
							Transfer	PUBLIC	UNK	11/15/1965	None
							Transfer	DETROIT	H01606	11/16/1965	None
							Death	DETROIT	NHXX	5/17/1968	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
486	6/1/1966	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	UNK	6/1/1966	Year
							Transfer	PUBLIC	UNK	4/13/1967	Year
							Transfer	DETROIT	H01607	4/14/1967	None
							Death	DETROIT	FHDC	5/25/1968	None
487	6/11/2008	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	132	6/11/2008	None
							Transfer	BALTIMORE	5973	12/30/2009	None
							Death	BALTIMORE	KHXX	3/3/2012	None
488	7/21/1980	None	218	168	Female	Not Contracepted	Hatch	DENVER	04969	7/21/1980	None
							Transfer	SEA WORLD	UNK	11/20/1980	None
							Go LTF	SEA WORLD	UNK	11/20/1980	None
489	7/14/1981	None	MULT22	MULT23	Unknown	Not Contracepted	Hatch	DENVER	09420	7/14/1981	None
							Death	DENVER	09420	7/28/1981	None
490	7/14/1981	None	MULT22	MULT23	Unknown	Not Contracepted	Hatch	DENVER	09421	7/14/1981	None
							Death	DENVER	09421	7/26/1981	None
491	7/15/1981	None	MULT22	MULT23	Unknown	Not Contracepted	Hatch	DENVER	09422	7/15/1981	None
							Death	DENVER	9422	7/28/1981	None
492	7/15/1981	None	MULT22	MULT23	Unknown	Not Contracepted	Hatch	DENVER	09423	7/15/1981	None
							Death	DENVER	09423	7/28/1981	None
493	7/19/1981	None	MULT22	MULT23	Unknown	Not Contracepted	Hatch	DENVER	09424	7/19/1981	None
							Death	DENVER	09424	7/20/1981	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
494	7/14/1982	None	218	168	Female	Not Contracepted	Hatch	DENVER	06061	7/14/1982	None
							Transfer	RAPT REHA	UNKOWN	2/7/1983	None
							Go LTF	RAPT REHA	UNK	2/7/1983	None
495	7/18/1982	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	06071	7/18/1982	None
							Death	DENVER	06071	1/13/1983	None
496	7/19/1982	None	218	168	Female	Not Contracepted	Hatch	DENVER	06073	7/19/1982	None
							Transfer	MCDOUGLE	06073	7/19/1982	None
							Go LTF	MCDOUGLE	06073	7/19/1982	None
497	7/26/1982	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	06087	7/26/1982	None
							Transfer	SD-WAP	UNK	2/10/1983	None
							Go LTF	SD-WAP	UNK	2/10/1983	None
499	7/8/1983	None	218	168	Female	Not Contracepted	Hatch	DENVER	06745	7/8/1983	None
							Transfer	BUFFALO	83B140	10/6/1983	None
							Death	BUFFALO	BHAK	9/2/1989	None
500	7/12/1983	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	06768	7/12/1983	None
							Transfer	WORLDBIRD	UNK	7/16/1983	None
							Go LTF	WORLDBIRD	UNK	7/16/1983	None
501	7/15/1983	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	06775	7/15/1983	None
							Transfer	FRANK D	UNK	7/27/1983	None
							Go LTF	FRANK D	UNK	7/27/1983	None
502	7/16/1983	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	06776	7/16/1983	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	DENVER	06776	7/18/1983	None
503	7/6/1984	None	218	168	Female	Not Contracepted	Hatch	DENVER	07589	7/6/1984	None
							Transfer	COLO SPRG	85AV26	7/2/1985	None
							Transfer	DENVER	07589	9/22/1988	None
							Death	DENVER	07589	8/16/1996	None
504	7/14/1984	None	218	168	Female	Not Contracepted	Hatch	DENVER	07590	7/14/1984	None
							Death	DENVER	07590	8/5/1984	None
505	7/16/1985	None	218	168	Female	Not Contracepted	Hatch	DENVER	08600	7/16/1985	None
							Transfer	SYRACUSE	B86006	3/25/1986	None
							Transfer	GLEN OAK	13003	4/8/1987	None
							Death	GLEN OAK	13003	6/18/1997	None
506	7/18/1985	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	08608	7/18/1985	None
							Death	DENVER	08608	7/20/1985	None
507	7/19/1985	None	218	168	Unknown	Not Contracepted	Hatch	DENVER	08686	7/19/1985	None
							Death	DENVER	08686	7/20/1985	None
508	6/25/1994	None	241	503	Unknown	Not Contracepted	Hatch	DENVER	940385	6/25/1994	None
							Death	DENVER	40385	7/7/1994	None
509	6/25/1994	None	241	503	Unknown	Not Contracepted	Hatch	DENVER	940388	6/25/1994	None
							Death	DENVER	940388	7/8/1994	None
511	6/10/1995	None	241	503	Female	Not Contracepted	Hatch	DENVER	950258	6/10/1995	None
							Transfer	SANDIEGOZ	396182	4/25/1996	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	SANDIEGOZ	396182	7/6/1996	None
512	6/11/1995	None	241	503	Female	Not Contracepted	Hatch	DENVER	950259	6/11/1995	None
							Transfer	DULUTH	867014	3/13/1996	None
							Death	DULUTH	867014	6/12/2000	None
513	6/14/1995	None	241	503	Male	Not Contracepted	Hatch	DENVER	950263	6/14/1995	None
							Transfer	TRACY AV	950058	11/8/1995	None
							Transfer	FLUSHINGP	Q09071	9/23/2009	None
							Death	FLUSHINGP	Q09071	9/20/2016	None
514	6/19/1995	None	241	503	Male	Not Contracepted	Hatch	DENVER	950275	6/19/1995	None
							Transfer	SEATTLE	950275	7/29/1995	None
							Transfer	PARAMUS	2357	4/27/1998	None
							Death	PARAMUS	2357	8/13/2001	None
515	6/19/1995	None	241	503	Female	Not Contracepted	Hatch	DENVER	950276	6/19/1995	None
							Transfer	LITTLEROC		12/6/1995	None
							Death	LITTLEROC	4899	9/23/2002	None
516	5/28/1996	None	241	503	Female	Not Contracepted	Hatch	DENVER	960224	5/28/1996	None
							Death	DENVER	960224	8/18/1996	None
517	5/21/1996	None	241	503	Female	Not Contracepted	Hatch	DENVER	960242	5/21/1996	None
							Transfer	CHICAGOLP	21300	10/7/2004	None
							Death	CHICAGOLP	21300	7/20/2008	None
518	6/1/1996	None	241	503	Female	Not Contracepted	Hatch	DENVER	960247	6/1/1996	None
							Transfer	CALKINS	UNK	10/30/1996	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Go LTF	CALKINS	UNK	10/30/1996	None
519	6/7/1996	None	241	503	Female	Not Contracepted	Hatch	DENVER	960259	6/7/1996	None
							Death	DENVER	960259	8/21/1996	None
520	6/10/1996	None	241	503	Male	Not Contracepted	Hatch	DENVER	960260	6/10/1996	None
							Transfer	HERSHEY	96.62	12/5/1996	None
							Death	HERSHEY	96.62	8/22/2002	None
521	6/14/1996	None	241	503	Unknown	Not Contracepted	Hatch	DENVER	960282	6/14/1996	None
							Transfer	CRAWFRD W	UNK	7/20/1996	None
522	6/14/1996	None	241	503	Unknown	Not Contracepted	Hatch	DENVER	960283	6/14/1996	None
							Transfer	CRAWFRD W	UNK	7/20/1996	None
523	5/24/1966	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	5/24/1966	None
							Transfer	UNKNOWN	UNK	5/1/1968	None
							Transfer	ACAD NS	UNK	5/22/1968	None
							Transfer	PHILADELP	200024	5/24/1968	None
							Death	PHILADELP	200024	9/23/1975	None
524	7/26/1977	None	211	280	Unknown	Not Contracepted	Hatch	PHILADELP	200218	7/26/1977	None
							Death	PHILADELP	200218	12/31/1979	None
525	7/30/1978	None	211	280	Unknown	Not Contracepted	Hatch	PHILADELP	201250	7/30/1978	None
							Death	PHILADELP	201250	1/23/1981	None
526	6/14/1979	None	211	280	Unknown	Not Contracepted	Hatch	PHILADELP	201252	6/14/1979	None
							Death	331106000	UNK	2/20/1980	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
527	6/16/1979	None	211	280	Male	Not Contracepted	Hatch	PHILADELP	201253	6/16/1979	None
							Transfer	SALISBURY	534	1/28/1980	None
							Transfer	STATEN IS	001389	12/29/1982	None
							Death	STATEN IS	001389	9/9/1994	None
528	6/25/1979	None	211	280	Unknown	Not Contracepted	Hatch	PHILADELP	201254	6/25/1979	None
							Death	PHILADELP	201254	10/10/1979	None
529	5/19/1980	None	211	280	Male	Not Contracepted	Hatch	PHILADELP	201509	5/19/1980	None
							Transfer	BALTIMORE	81665	10/2/1980	None
							Go LTF	BALTIMORE	81665	3/11/1981	None
530	5/22/1980	None	211	280	Female	Not Contracepted	Hatch	PHILADELP	201529	5/22/1980	None
							Transfer	WILMINGTN	203	10/6/1980	None
							Death	WILMINGTN	203	4/22/1993	None
531	5/19/1980	None	211	280	Unknown	Not Contracepted	Hatch	PHILADELP	201530	5/19/1980	None
							Transfer	WILMINGTN	H003	10/6/1980	None
							Death	WILMINGTN	H003	12/8/1980	None
532	5/29/1980	None	211	280	Unknown	Not Contracepted	Hatch	PHILADELP	201531	5/29/1980	None
							Transfer	BALTIMORE	81666	10/2/1980	None
							Death	BALTIMORE	81666	6/15/1983	None
533	6/1/1897	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1897	Unknown
							Transfer	PUBLIC	UNK	12/16/1897	None
							Transfer	PHILADELP	21958	12/17/1897	None
							Death	PHILADELP	21958	10/26/1902	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
534	6/1/1904	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1904	Unknown
							Transfer	UNKNOWN	UNKNOWN	2/15/1905	Unknown
							Transfer	PHILADELP	21959	2/16/1905	None
							Death	PHILADELP	21959	8/11/1909	None
535	6/1/1904	Year	UNK	UNK	Unknown	Not Contracepted	Hatch	PRIVATE	NONE	6/1/1904	Year
							Transfer	PHILADELP	21960	11/27/1905	None
							Death	PHILADELP	21960	4/20/1909	None
536	6/1/1905	Unknown	UNK	UNK	Unknown	Not Contracepted	Hatch	PRIVATE	NONE	6/1/1905	Unknown
							Transfer	PHILADELP	21961	1/3/1906	Year
							Death	PHILADELP	21961	2/23/1906	None
537	6/1/1909	Unknown	UNK	UNK	Unknown	Not Contracepted	Hatch	PRIVATE	NONE	6/1/1909	Unknown
							Transfer	PHILADELP	21962	2/17/1910	None
							Death	PHILADELP	21962	11/15/1911	None
538	6/1/1909	Unknown	UNK	UNK	Unknown	Not Contracepted	Hatch	PRIVATE	NONE	6/1/1909	Unknown
							Transfer	PHILADELP	21963	5/25/1910	None
							Death	PHILADELP	21963	7/23/1910	None
539	6/3/1913	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/3/1913	Unknown
							Transfer	PUBLIC	NONE	3/9/1914	None
							Transfer	PHILADELP	21694	3/10/1914	None
							Death	PHILADELP	21964	12/16/1914	None
540	6/1/1916	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	MANITOBA	NONE	6/1/1916	Unknown
							Transfer	DEALER	NONE	5/6/1917	Day

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	PHILADELP	21965	5/8/1917	None
							Death	PHILADELP	21965	11/16/1917	None
541	6/1/1926	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1926	Year
							Transfer	PUBLIC	NONE	1/19/1927	Month
							Transfer	PHILADELP	21968	1/20/1927	None
							Death	PHILADELP	21968	9/18/1927	None
542	6/1/1926	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1926	Year
							Transfer	UNKNOWN	NONE	2/1/1927	Year
							Transfer	NY BRONX	NONE	2/25/1927	Month
							Transfer	PHILADELP	21969	3/1/1927	None
							Death	PHILADELP	19969	10/6/1927	None
543	6/1/1940	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	EUROPE	NONE	6/1/1940	Year
							Transfer	PRIVATE	UNKnown	11/1/1941	Year
							Transfer	PHILADELP	21971	12/14/1941	None
							Death	PHILADELP	21971	2/19/1944	None
544	6/1/1941	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	6/1/1941	Year
							Transfer	PUBLIC	NONE	11/15/1942	Month
							Transfer	PHILADELP	21972	11/17/1942	None
							Death	PHILADELP	21972	3/3/1944	None
545	6/1/1941	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	6/1/1941	Year
							Transfer	UNKNOWN	NONE	11/27/1942	None
							Transfer	PHILADELP	21973	11/28/1942	None
							Death	PHILADELP	21973	12/12/1942	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
546	6/1/1950	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	6/1/1950	Year
							Transfer	PUBLIC	NONE	12/13/1951	None
							Transfer	PHILADELP	21974	12/14/1951	None
							Death	PHILADELP	21974	12/24/1951	None
547	6/1/1958	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CALGARY	NONE	6/1/1958	Year
							Transfer	CALGARY	NONE	10/28/1959	None
							Transfer	PHILADELP	21975	11/1/1959	None
							Death	PHILADELP	21975	1/5/1960	None
548	6/1/1966	Year	UNK	UNK	Male	Not Contracepted	Hatch	EDMONTON	NONE	6/1/1966	Year
							Transfer	PHILADELP	21976	1/4/1967	None
							Death	PHILADELP	21976	5/16/1968	None
549	6/1/1966	Year	UNK	UNK	Female	Not Contracepted	Hatch	EDMONTON	NONE	6/1/1966	Year
							Transfer	PHILADELP	21977	1/4/1967	None
							Death	PHILADELP	21977	3/17/1967	None
550	6/1/1966	Year	UNK	UNK	Male	Not Contracepted	Hatch	EDMONTON	NONE	6/1/1966	Year
							Transfer	PHILADELP	21978	4/28/1967	None
							Death	PHILADELP	21978	6/12/1967	None
551	7/2/1975	None	523	280	Female	Not Contracepted	Hatch	PHILADELP	21979	7/2/1975	None
							Death	PHILADELP	21979	8/20/1975	None
552	6/12/1978	None	211	280	Female	Not Contracepted	Hatch	PHILADELP	21980	6/12/1978	None
							Death	PHILADELP	21980	4/2/1979	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
553	6/21/1978	None	211	280	Male	Not Contracepted	Hatch	PHILADELP	21981	6/21/1978	None
							Death	PHILADELP	21981	7/16/1979	None
554	7/9/2010	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N228	7/9/2010	None
							Transfer	BRIDGEPRT	102154	4/8/2011	None
							Transfer	NASHV ZOO	3639	11/9/2011	None
555	7/13/2010	None	602	603	Male	Not Contracepted	Hatch	HANNOVER	N229	7/13/2010	None
							Transfer	BRIDGEPRT	102155	4/8/2011	None
							Death	BRIDGEPRT	NAXX	10/27/2011	None
556	7/15/2010	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N230	7/15/2010	None
							Transfer	BRIDGEPRT	102156	4/8/2011	None
557	7/15/2010	None	602	603	Male	Not Contracepted	Hatch	HANNOVER	N231	7/15/2010	None
							Transfer	BRIDGEPRT	102157	4/8/2011	None
							Transfer	NASHV ZOO	3640	11/9/2011	None
							Transfer	TOLEDO	10638	2/21/2015	None
558	6/15/2004	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N168	6/15/2004	None
							Transfer	PARAMUS	2625	2/17/2005	None
							Transfer	NY BRONX	B14191	9/18/2014	None
559	6/16/2004	None	602	603	Male	Not Contracepted	Hatch	HANNOVER	N169	6/16/2004	None
							Transfer	PARAMUS	2624	2/17/2005	None
							Death	PARAMUS	2624	10/19/2016	None
561	6/1/1980	Year	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	UNK	6/1/1980	Year

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Wild Capture	UNKNOWN	UNK	5/13/1983	None
							Transfer	AKRON	10076	5/14/1983	None
							Transfer	CHICAGOBR	24865	5/18/1983	None
							Death	CHICAGOBR	NCN	6/6/1984	None
562	7/2/1997	None	UNK	UNK	Male	Not Contracepted	Hatch	QUEBEC	975603	7/2/1997	None
							Transfer	AQUAQC	100033	8/9/2006	None
							Transfer	ST FELICI	B00093	11/4/2010	None
							Transfer	AQUAQC	100033	4/19/2011	None
564	8/18/1982	None	527	225	Male	Not Contracepted	Hatch	SALISBURY	A14	8/18/1982	None
							Transfer	BATTLE CR	0096	9/25/1985	None
							Transfer	MILWAUKEE	B3153	4/19/1995	None
							Death	MILWAUKEE	FHXX	8/14/2002	None
565	6/1/2002	None	UNK	UNK	Male	Not Contracepted	Hatch	CONSCTR	UNK	6/1/2002	None
							Transfer	LITTLEROC	6240	5/2/2003	None
							Death	LITTLEROC	6240	9/11/2003	None
566	6/1/2002	None	UNK	UNK	Female	Not Contracepted	Hatch	CONSCTR	UNK	6/1/2002	None
							Transfer	LITTLEROC	6241	5/2/2003	None
							Death	LITTLEROC	6241	9/12/2003	None
567	6/15/1978	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/15/1978	+/- 1 Year
							Transfer	UNKNOWN	UNK	3/15/1979	+/- 1 Month
							Transfer	TACOMA	79A001	4/15/1979	None
							Transfer	AKRON	XX2036	10/21/1980	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	AKRON	XX2036	6/4/1992	None
568	5/4/1997	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	5/4/1997	Year
							Transfer	PUBLIC	NONE	10/1/2002	Year
							Transfer	WSU VET M	NONE	10/5/2002	None
							Transfer	TACOMA	T02A31	10/30/2002	None
							Death	TACOMA	T02A31	3/23/2004	None
569	6/1/1982	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1982	Year
							Transfer	SCHMIDT S	UNK	7/1/1983	Month
							Transfer	BATTLE CR	0033	7/8/1983	None
							Death	BATTLE CR	FBAO	8/29/1994	None
570	6/22/1989	None	219	226	Female	Not Contracepted	Hatch	TRACY AV	950055	6/22/1989	None
							Death	TRACY AV	950055	6/22/1989	None
571	6/22/1989	None	219	226	Female	Not Contracepted	Hatch	TRACY AV	950056	6/22/1989	None
							Death	TRACY AV	950056	8/1/2002	None
572	6/22/1989	None	219	226	Female	Not Contracepted	Hatch	TRACY AV	950057	6/22/1989	None
							Death	TRACY AV	950057	11/8/2004	None
574	6/1/1976	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1976	Year
							Transfer	RAPTOR RE	UNK	3/1/1977	Month
							Transfer	INDIANAPL	208091	4/26/1977	None
							Death	INDIANAPL	NHXX	2/12/1978	None
575	6/1/1975	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/1975	Year
							Transfer	UNKNOWN	UNK	6/6/1975	Year

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	USFWS	UNK	2/20/1977	Year
							Transfer	INDIANAPL	58	2/28/1977	None
							Death	INDIANAPL	NCAL	5/4/1981	None
576	6/1/1997	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CANADA	NONE	6/1/1997	Year
							Transfer	JWOOD	UNK	1/1/2002	Year
							Transfer	COLO SPRG	22A003	4/17/2002	None
							Transfer	EMPORIA	196607	3/28/2007	None
							Death	EMPORIA	96607	8/18/2007	None
577	6/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	NEBRASKA	NONE	6/1/1981	Year
							Transfer	RAPTOR RE	UNK	10/1/1983	Year
							Transfer	INDIANAPL	877	10/13/1983	None
							Transfer	COLO SPRG	87AV12	11/5/1987	None
							Transfer	COLO SPRG	87AV12	5/26/1988	None
							Death	INDIANAPL	FIN	9/20/1988	None
578	6/1/1907	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1907	Year
							Transfer	UNKNOWN	NONE	3/1/1908	Year
							Transfer	MILWAUKEE	Y63	4/29/1908	None
							Death	MILWAUKEE	HEXX	1/12/1912	None
579	6/1/1993	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	UNKOWN	6/1/1993	Year
							Transfer	CHGO PD	UNK	2/8/1994	Year
							Transfer	CHICAGOLP	B947	2/9/1994	None
							Transfer	MILWAUKEE	B2979	4/4/1994	None
							Transfer	DULUTH	200187	6/9/2005	None
							Transfer	LVZOO	LV0050	10/16/2006	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	LVZOO	LV0050	12/1/2013	None
580	6/14/1991	Month	UNK	UNK	Female	Not Contracepted	Hatch	B.MALLON	UNK	6/14/1991	Month
							Transfer	CAPE MAY	239	9/14/1991	None
							Death	CAPE MAY	NBXX	10/13/1994	None
581	7/12/1987	None	616	505	Male	Not Contracepted	Hatch	GLEN OAK	13004	7/12/1987	None
							Transfer	PARAMUS	592	12/7/1987	None
							Transfer	CAPE MAY	81	10/20/1988	None
							Death	CAPE MAY	CBXX	12/10/1991	None
582	6/1/1977	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1977	None
							Transfer	UNKNOWN	NONE	12/1/1977	None
							Transfer	VALLEYZOO	000753	1/1/1978	None
							Death	VALLEYZOO	FHAC	1/11/1982	None
584	6/1/1994	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	6/1/1994	Year
							Transfer	MED RIVER	NONE	3/1/1996	Month
							Transfer	VALLEYZOO	200498	3/11/1996	None
							Transfer	SHUBENACA	NONE	8/26/1999	None
							Go LTF	SHUBENACA	NONE	8/26/1999	None
585	6/1/1995	None	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	6/1/1995	None
							Transfer	STRATHRAP	NONE	5/25/1996	Year
							Transfer	VALLEYZOO	200499	5/29/1996	None
							Transfer	SHUBENACA	UNK	8/26/1999	None
							Go LTF	SHUBENACA	UNK	8/26/1999	None
586	6/15/1999	None	UNK	UNK	Female	Not Contracepted	Hatch	ROCKTON	UNK	6/15/1999	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	VALLEYZOO	200706	4/27/2001	None
587	6/15/1999	None	UNK	UNK	Male	Not Contracepted	Hatch	ROCKTON	UNK	6/15/1999	None
							Transfer	VALLEYZOO	200705	4/27/2001	None
588	7/2/2008	None	587	586	Female	Not Contracepted	Hatch	VALLEYZOO	200841	7/2/2008	None
							Transfer	ECOMUSEUM	UNK	7/15/2009	None
							Go LTF	ECOMUSEUM	UNK	7/15/2009	None
589	7/5/2008	None	587	586	Male	Not Contracepted	Hatch	VALLEYZOO	200842	7/5/2008	None
							Death	VALLEYZOO	FAAB	5/6/2011	None
590	7/14/2008	None	587	586	Female	Not Contracepted	Hatch	VALLEYZOO	200843	7/14/2008	None
							Transfer	ECOMUSEUM	UNK	7/24/2009	None
							Go LTF	ECOMUSEUM	UNK	7/24/2009	None
591	7/4/2011	None	587	586	Unknown	Not Contracepted	Hatch	VALLEYZOO	200882	7/4/2011	None
							Death	VALLEYZOO	200882	10/7/2014	None
592	7/1/2011	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	7/1/2011	Year
							Transfer	WATERTNSD	NONE	1/1/2012	Month
							Transfer	ROCHESTER	105857	2/14/2012	None
593	6/4/2012	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N331	6/4/2012	None
							Transfer	ROCHESTER	105900	1/7/2013	None
							Transfer	SEATTLE	204989	11/6/2013	None
594	7/10/2000	None	313	317	Female	Not Contracepted	Hatch	SYRACUSE	B00115	7/10/2000	None
							Death	SYRACUSE	B00115	8/16/2002	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
595	6/1/2011	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	UNK	6/1/2011	Year
							Transfer	NORRISTOW	120205	9/26/2012	None
596	4/26/1991	None	UNK	UNK	Male	Not Contracepted	Hatch	QUEBEC	925601	4/26/1991	None
							Transfer	CHICAGOLP	B9291	7/7/1992	None
							Transfer	BALTIMORE	960716	9/18/1996	None
							Death	BALTIMORE	NHXX	12/15/1996	None
597	7/8/1981	None	278	277	Male	Not Contracepted	Hatch	CHICAGOBR	24373	7/8/1981	None
							Transfer	TOLEDO	851614	12/4/1984	None
							Transfer	SIMMONS	NONE	11/13/1990	None
							Go LTF	SIMMONS	NONE	11/13/1990	None
598	7/7/1988	None	597	288	Unknown	Not Contracepted	Hatch	TOLEDO	881554	7/7/1988	None
							Death	TOLEDO	881554	7/7/1988	None
599	6/3/1981	None	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	UNK	6/3/1981	None
							Transfer	UNKNOWN	UNK	2/1/1982	None
							Transfer	FRANKLINP	456	3/1/1982	None
							Death	FRANKLINP	456	4/8/1993	None
600	6/15/2002	None	UNK	UNK	Male	Not Contracepted	Hatch	GOUDREAUL	2062	6/15/2002	None
							Transfer	FRANKLINP	A02530	12/19/2002	None
							Death	FRANKLINP	A02530	8/31/2003	None
601	6/15/2002	None	UNK	UNK	Female	Not Contracepted	Hatch	GOUDREAUL	2152	6/15/2002	None
							Transfer	FRANKLINP	A02531	12/19/2002	None
							Death	FRANKLINP	A02531	8/20/2003	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
602	6/17/1996	None	657	658	Male	Not Contracepted	Hatch	STUTTGART	V1162	6/17/1996	None
							Transfer	HANNOVER	N125	10/22/1996	None
603	6/14/1999	None	UNK	UNK	Female	Not Contracepted	Hatch	KRONBERG	NONE	6/14/1999	None
							Transfer	HANNOVER	N138	3/13/2000	None
604	6/1/1985	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1985	None
							Transfer	MLCP ALMA	UNK	12/15/1986	None
							Transfer	ST FELICI	861053	12/17/1986	None
							Death	ST FELICI	NCNX	6/22/1998	None
605	6/1/1986	None	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	11/1/1987	None
							Transfer	ST FELICI	870064	11/13/1987	None
							Death	ST FELICI	DCDO	11/3/1992	None
606	7/1/1998	None	UNK	UNK	Female	Not Contracepted	Hatch	UQROP	UNK	7/1/1998	None
							Transfer	ST FELICI	980153	9/25/1998	None
							Death	ST FELICI	DEN	6/29/2002	None
607	6/1/1998	None	UNK	UNK	Male	Not Contracepted	Hatch	UQROP	UNK	6/1/1998	None
							Transfer	ST FELICI	980154	9/25/1998	None
							Death	ST FELICI	GAN	2/5/2004	None
608	5/1/2002	None	UNK	UNK	Female	Not Contracepted	Hatch	UQROP	16413233	5/1/2002	None
							Transfer	ST FELICI	A60096	11/27/2006	None
							Death	ST FELICI	NHXX	4/4/2009	None
609	7/16/2009	None	UNK	UNK	Female	Not Contracepted	Hatch	LAVAL	1380	7/16/2009	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	ST FELICI	A90104	10/19/2009	None
							Death	LAVAL	NBDC	11/10/2009	None
610	6/9/2009	None	UNK	UNK	Male	Not Contracepted	Hatch	HAVELOCKO	UNKNOWN	6/9/2009	None
							Transfer	LAVAL	1379	9/19/2009	None
							Transfer	ST FELICI	A90105	10/19/2009	None
							Go LTF	ST FELICI	A90105	10/19/2009	None
611	6/1/2009	None	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	10/1/2011	None
							Transfer	ST FELICI	B00182	10/23/2011	None
612	6/1/1979	None	UNK	UNK	Male	Not Contracepted	Hatch	LAVAL	NONE	6/1/1979	None
							Transfer	GRANBY	100079	8/3/1982	None
							Transfer	GLEN OAK	13006	7/29/1991	None
							Transfer	WAHPETON	990099	3/3/1999	None
							Death	WAHPETON	NHXX	9/8/2001	None
613	3/16/1993	None	WILD	WILD	Female	Not Contracepted	Wild Capture	PUBLIC	NONE	2/10/1994	None
							Transfer	ERIE	1121	2/11/1994	None
							Transfer	BINGHAMTO	942294	3/17/1994	None
							Death	BINGHAMTO	942294	8/27/2003	None
614	6/1/1991	None	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	6/1/1991	None
							Transfer	WATERTNSD	0456	12/3/1992	None
							Death	WATERTNSD	NIXX	8/13/1995	None
615	6/1/1992	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	10/20/1993	None
							Transfer	WATERTNSD	0466	10/21/1993	None
							Death	WATERTNSD	NHN	9/24/1995	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
616	6/1/1976	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	ILL STATE	UNK	12/25/1977	Year
							Transfer	GLEN OAK	13001	12/28/1977	None
							Death	GLEN OAK	13001	9/25/1990	None
617	7/20/1987	None	616	505	Unknown	Not Contracepted	Hatch	GLEN OAK	13005	7/20/1987	None
							Transfer	PARAMUS	1677	10/20/1987	None
							Death	PARAMUS	1677	8/19/1997	None
618	7/7/1996	None	612	505	Unknown	Not Contracepted	Hatch	GLEN OAK	13007	7/7/1996	None
							Death	GLEN OAK	13007	7/12/1996	None
619	7/13/1996	None	612	505	Unknown	Not Contracepted	Hatch	GLEN OAK	13008	7/13/1996	None
							Death	GLEN OAK	13008	7/16/1996	None
620	7/10/1996	None	612	505	Unknown	Not Contracepted	Hatch	GLEN OAK	13009	7/10/1996	None
							Death	GLEN OAK	13009	7/18/1996	None
621	6/1/1973	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	PRIVATE	NONE	11/28/1973	Year
							Transfer	TACOMA	73A002	11/29/1973	None
							Transfer	KANSASCTY	B79	1/29/1974	None
							Death	KANSASCTY	B79	5/16/1979	None
622	6/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	DAVE FRAN	UNK	6/1/1983	None
							Transfer	KANSASCTY	201136	6/16/1983	None
							Death	KANSASCTY	201136	3/3/1986	None
623	6/1/2008	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	4/1/2009	None
							Transfer	REHAB	78805642	4/2/2009	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	NW TREK	200911	4/7/2009	None
							Transfer	HERSHEY	200911	1/28/2016	None
624	6/25/2011	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	CCSS353	6/25/2011	None
							Transfer	NW TREK	201144	11/30/2011	None
625	5/17/1990	None	213	288	Male	Not Contracepted	Hatch	PITTS CA	3645	5/17/1990	None
							Transfer	DULUTH	867013	10/19/1990	None
							Death	DULUTH	867013	4/29/2005	None
626	7/18/1999	None	625	512	Unknown	Not Contracepted	Hatch	DULUTH	200120	7/18/1999	None
							Death	DULUTH	200120	7/29/1999	None
627	7/2/2000	None	625	512	Unknown	Not Contracepted	Hatch	DULUTH	200124	7/2/2000	None
							Death	DULUTH	200124	8/16/2000	None
628	6/15/1996	None	WILD	WILD	Female	Not Contracepted	Hatch	WATERTNSD	UNK	6/15/1996	None
							Transfer	UTICA	298006	5/27/1998	None
							Death	UTICA	298006	5/9/2014	None
629	6/1/1997	+/- 1 Month	UNK	UNK	Male	Not Contracepted	Hatch	ROCKTON	UNK	6/1/1997	+/- 1 Month
							Transfer	TORONTO	44732	10/14/2010	None
							Go LTF	TORONTO	44732	6/28/2017	None
630	6/1/1989	+/- 1 Month	UNK	UNK	Female	Not Contracepted	Hatch	ROCKTON	44733	6/1/1989	+/- 1 Month
							Transfer	TORONTO	44733	6/1/1989	+/- 1 Month
							Death	TORONTO	44733	6/1/2015	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
631	6/1/1993	+/- 1 Month	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	6/1/1993	+/- 1 Month
							Transfer	WAHPETON	930013	11/29/1993	None
							Go LTF	WAHPETON	930013	11/29/1993	None
632	6/1/1987	+/- 1 Month	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	11/1/1988	Month
							Transfer	WAHPETON	880004	12/2/1988	None
							Go LTF	WAHPETON	880004	12/2/1988	None
633	6/1/1981	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	6/1/1981	+/- 1 Month
							Transfer	LINCOLN C	UNK	1/23/1991	+/- 1 Year
							Transfer	WAHPETON	951111	8/3/1995	None
							Go LTF	WAHPETON	951111	8/3/1995	None
634	6/25/2007	None	UNK	UNK	Female	Not Contracepted	Hatch	ROCKTON	A70046	6/25/2007	None
							Transfer	GRANBY	B07010	11/28/2007	None
635	6/1/1986	+/- 1 Month	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	11/15/1987	+/- 1 Month
							Transfer	UQROP	UNK	11/16/1987	None
							Transfer	GRANBY	120086	2/3/1994	None
							Death	GRANBY	12008	3/12/1996	None
636	6/1/1979	+/- 1 Month	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	7/28/1982	None
							Transfer	LAVAL	NONE	8/1/1982	None
							Transfer	GRANBY	200079	8/3/1982	None
							Death	GRANBY	NCXX	7/10/1984	None
637	6/1/1988	+/- 1 Month	UNK	UNK	Female	Not Contracepted	Hatch	WHITEHORS	00K	6/1/1988	+/- 1 Month
							Transfer	GRANBY	590088	11/23/1994	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	GRANBY	KAY	5/9/2008	None
638	6/1/1989	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	5/1/1990	+/- 1 Month
							Transfer	BIODOME	703	5/5/1990	+/- 1 Month
							Transfer	GRANBY	B90022	5/18/1990	None
							Death	GRANBY	NCXX	11/29/2005	None
639	6/1/1981	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	QUEBEC	NONE	4/28/1992	+/- 1 Month
							Transfer	QUEBEC	895604	5/1/1992	None
							Transfer	GRANBY	B92098	5/4/1992	None
							Death	GRANBY	NAY	10/24/2005	None
640	6/5/1998	Year	UNK	UNK	Female	Not Contracepted	Hatch	AUGSBRUG	9819	6/5/1998	Year
							Transfer	KREFELD	V2605	10/7/2004	Unknown
641	6/1/2000	Unknown	UNK	UNK	Male	Not Contracepted	Hatch	KREFELD	V2860	6/1/2000	Unknown
642	6/23/2012	None	641	640	Male	Not Contracepted	Hatch	KREFELD	V3257	6/23/2012	None
							Transfer	BALTIMORE	6873	1/7/2013	None
644	6/1/2012	None	602	603	Female	Not Contracepted	Hatch	HANNOVER	N332	6/1/2012	None
							Transfer	BALTIMORE	6874	1/7/2013	None
645	6/22/2004	None	UNK	UNK	Female	Not Contracepted	Hatch	TALLIN	15334	6/22/2004	None
646	5/1/2000	None	UNK	UNK	Male	Not Contracepted	Hatch	MOSCOW	200252	5/1/2000	None
							Transfer	TALLIN	13680	3/25/2001	None
647	6/25/2008	None	646	645	Male	Not Contracepted	Hatch	TALLIN	17061	6/25/2008	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Transfer	HERSHEY	A9.11	5/9/2009	None
							Death	HERSHEY	A9.11	9/25/2009	None
648	7/1/2008	None	650	649	Female	Not Contracepted	Hatch	AMERSFOOR	B3634	7/1/2008	None
							Transfer	HERSHEY	A9.08	5/6/2009	None
							Transfer	PARAMUS	3044	10/22/2014	None
649	6/22/1991	None	666	667	Female	Not Contracepted	Hatch	AMERSFOOR	B327	6/22/1991	None
650	1/1/1999	None	UNK	UNK	Male	Not Contracepted	Hatch	NETHERLND	UNK	1/1/1999	None
							Transfer	AMERSFOOR	B1886	6/10/2001	None
651	5/15/2001	None	UNK	UNK	Male	Not Contracepted	Hatch	SASSNI	NONE	5/15/2001	None
							Transfer	KRONBERG	1413	11/27/2002	None
652	6/7/1991	None	UNK	UNK	Female	Not Contracepted	Hatch	PRIVATE	NONE	6/7/1991	None
							Transfer	KRONBERG	1412	5/15/1992	None
653	5/30/2010	+/- 1 Month	663	677	Male	Not Contracepted	Hatch	RHENEN	2782	5/30/2010	+/- 1 Month
							Transfer	LOUISVILL	202488	9/1/2011	None
654	6/1/2011	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	UNK	7/2/2012	+/- 1 Year
							Transfer	CALGARY	109038	4/1/2013	+/- 4 Months
							Transfer	AKRON	101305	3/21/2014	None
							Death	AKRON	101305	3/21/2014	None
655	6/1/2011	+/- 2 Months	WILD	WILD	Male	Not Contracepted	Wild Capture	CANADA	NONE	2/1/2013	+/- 2 Months
							Transfer	CALGARY	109039	4/1/2013	+/- 2 Months

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
656	6/26/2012	None	641	640	Male	Not Contracepted	Hatch	KREFELD	V3259	6/26/2012	None
							Transfer	BRIDGEPRT	102283	2/11/2013	None
657	6/18/1990	None	UNK	UNK	Male	Not Contracepted	Hatch	OSNABRUCK	1455	6/18/1990	None
							Transfer	STUTT GART	V1151	6/21/1992	None
							Death	STUTT GART	V1151	9/15/2001	None
658	5/20/1985	None	UNK	UNK	Female	Not Contracepted	Hatch	STUTT GART	V0182	5/20/1985	None
							Death	STUTT GART	V0182	12/19/2008	None
659	1/27/1975	Year	UNK	UNK	Male	Not Contracepted	Hatch	AMSTERDAM	UNK	1/27/1975	Year
							Transfer	RHENEN	B254	1/7/1976	None
							Death	RHENEN	B254	7/6/1993	None
660	9/25/1977	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	PUBLIC	NONE	9/20/1978	Month
							Transfer	FRANKFURT	27989	9/25/1978	None
							Death	FRANKFURT	27989	10/18/2002	None
661	6/1/1976	Year	UNK	UNK	Female	Not Contracepted	Hatch	RHEINE	UNK	6/1/1976	Year
							Transfer	FRANKFURT	27373	5/25/1977	None
							Death	FRANKFURT	27373	6/30/1997	None
663	6/21/1993	None	659	670	Male	Not Contracepted	Hatch	RHENEN	B1029	6/21/1993	None
664	6/18/1976	Year	UNK	UNK	Male	Not Contracepted	Hatch	ANTWERP	8280	6/18/1976	Year
							Death	ANTWERP	8280	12/12/1995	None
665	6/18/1986	None	UNK	UNK	Female	Not Contracepted	Hatch	ANTWERP	10837	6/18/1986	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	ANTWERP	10837	3/15/2010	None
666	6/1/1979	Year	UNK	UNK	Male	Not Contracepted	Hatch	WASSENAAR	UNK	6/1/1979	Year
							Transfer	AMERSFOOR	B32	1/30/1986	None
							Death	AMERSFOOR	B32	5/8/2001	None
667	6/1/1979	Year	UNK	UNK	Female	Not Contracepted	Hatch	WASSENAAR	UNK	6/1/1979	Year
							Transfer	AMERSFOOR	B33	1/30/1986	None
							Death	AMERSFOOR	B33	10/8/2005	None
670	5/24/1988	None	660	661	Female	Not Contracepted	Hatch	FRANKFURT	32533	5/24/1988	None
							Transfer	RHENEN	B518	1/15/1991	None
							Death	RHENEN	B518	1/7/2003	None
672	4/1/1983	Year	UNK	UNK	Female	Not Contracepted	Hatch	KOLN	NONE	4/1/1983	Year
							Transfer	HANNOVER	N20	9/13/1983	None
							Death	HANNOVER	N20	6/16/1999	None
673	5/24/1999	None	602	672	Male	Not Contracepted	Hatch	HANNOVER	N132	5/24/1999	None
							Transfer	AMSTERDAM	B99082	9/28/1999	None
							Transfer	ROTTERDAM	41140	6/14/2010	None
							Transfer	TER APEL	NONE	2/1/2012	None
674	6/1/1992	Year	UNK	UNK	Male	Not Contracepted	Hatch	LINTON	UNK	6/1/1992	Year
							Transfer	HAYLE	B208	11/26/1992	None
							Death	HAYLE	B208	10/26/2011	None
675	6/1/1991	None	UNK	UNK	Female	Not Contracepted	Hatch	CHARD	UNK	6/1/1991	None
							Transfer	HAYLE	B188	10/23/1991	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	HAYLE	B188	11/25/2003	None
676	6/26/1999	None	674	675	Female	Not Contracepted	Hatch	HAYLE	B323	6/26/1999	None
							Transfer	AMSTERDAM	B00166	12/18/2000	None
							Death	AMSTERDAM	B00166	8/12/2009	None
677	5/27/2005	None	673	676	Female	Not Contracepted	Hatch	AMSTERDAM	B05057	5/27/2005	None
							Transfer	RHENEN	1495	11/15/2005	None
678	6/1/2010	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	9/9/2010	Month
							Transfer	PRIVATE	UNK	4/6/2013	Month
							Transfer	ROCHESTER	105931	6/28/2013	None
							Death	ROCHESTER	105931	7/24/2014	None
680	6/29/2012	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	ALBERTA	NONE	2/1/2013	Month
							Transfer	WINNIPEG	P00042	6/7/2013	None
681	6/1/2005	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	ALBERTA	NONE	2/9/2013	None
							Transfer	UNKNOWN	NONE	2/10/2013	Month
							Transfer	WINNIPEG	P00041	6/7/2013	None
							Death	WINNIPEG	P00041	4/11/2014	None
682	6/15/2011	Month	WILD	WILD	Male	Not Contracepted	Wild Capture	MANITOBA	NONE	1/1/2012	None
							Transfer	PRIVATE	NONE	1/15/2012	None
							Transfer	WINNIPEG	N00011	1/31/2012	None
683	6/24/2014	None	682	680	Unknown	Not Contracepted	Hatch	WINNIPEG	R00108	6/24/2014	None
							Death	WINNIPEG	R00108	7/27/2014	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
684	6/24/2014	None	682	680	Unknown	Not Contracepted	Hatch	WINNIPEG	R00150	6/24/2014	None
							Death	WINNIPEG	R00150	7/15/2014	None
685	11/4/2014	+/- 6 Months	WILD	WILD	Male	Not Contracepted	Wild Capture	CALGARY	NONE	12/1/2014	+/- 2 Months
							Transfer	UNKNOWN	Unknown	12/10/2014	+/- 1 Month
							Transfer	CALGARY	109309	12/15/2014	None
686	7/1/2010	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	7/1/2014	None
							Transfer	USFWS	Unknown	8/1/2014	None
							Transfer	PITTS CA	8523	3/15/2015	None
687	7/1/2013	+/- 1 Month	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	2/1/2015	+/- 1 Month
							Transfer	PRIVATE	Unknown	3/1/2015	None
							Transfer	PITTS CA	8524	3/18/2015	None
688	6/1/2013	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	REHAB	UNKNOWN	1/1/2015	+/- 1 Month
							Transfer	BATTLE CR	B15005	6/1/2015	None
689	6/1/2003	+/- 1 Year	UNK	UNK	Male	Not Contracepted	Hatch	PRIVATE	UNK	6/1/2003	+/- 1 Year
							Transfer	BIG BEAR	20896	6/12/2007	None
690	6/15/2015	None	682	157	Unknown	Not Contracepted	Hatch	WINNIPEG	22049	6/15/2015	None
							Death	WINNIPEG	22049	8/18/2015	None
691	6/17/2015	None	682	157	Unknown	Not Contracepted	Hatch	WINNIPEG	22050	6/17/2015	None
							Death	WINNIPEG	22050	6/29/2015	None
692	6/20/2015	None	682	157	Unknown	Not Contracepted	Hatch	WINNIPEG	22051	6/20/2015	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
							Death	WINNIPEG	22051	6/25/2015	None
693	6/1/2016	+/- 1 Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	3/1/2017	+/- 1 Month
							Transfer	JOHN BALL	304359	4/22/2017	None
694	6/1/2003	None	205	203	Male	Not Contracepted	Hatch	CALGARY	UNK	6/1/2003	None
							Transfer	KAMLOOPS	04002	7/2/2004	None
695	6/1/2015	+/- 1 Year	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	9/11/2016	None
							Transfer	OCHSNER	2016-15	10/11/2016	None
696	6/1/2015	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	9/11/2016	None
							Transfer	OCHSNER	2016-06	10/11/2016	None
697	6/1/2008	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	5/1/2009	None
							Transfer	SASKATOON	1982	6/9/2009	None
698	6/1/2011	None	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	3/1/2012	None
							Transfer	SASKATOON	2148	6/28/2017	None
699	6/1/1998	None	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	11/1/1999	None
							Transfer	SASKATOON	1516	12/24/1999	None
700	6/13/2016	None	375	236	Male	Not Contracepted	Hatch	CHICAGOLP	23713	6/13/2016	None
							Transfer	SEATTLE	206144	10/19/2016	None
701	7/5/2014	None	UNKNOWN	UNKNOWN	Female	Not Contracepted	Hatch	UNKNOWN	UNK	7/5/2014	None
							Transfer	TORONTO	49527	6/21/2017	None
702	6/23/2016	None	682	MULT8	Female	Not Contracepted	Hatch	WINNIPEG	22178	6/23/2016	None

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
703	7/2/2016	None	682	MULT9	Male	Not Contracepted	Hatch	WINNIPEG	22184	7/2/2016	None
704	7/2/2016	None	682	157	Male	Not Contracepted	Hatch	WINNIPEG	22185	7/2/2016	None
705	7/4/2016	None	682	MULT8	Male	Not Contracepted	Hatch	WINNIPEG	22186	7/4/2016	None
TOTALS: 222.258.194 (674)											