

AZA Regional Studbook
Magellanic Penguin (*Spheniscus magellanicus*)



AZA Regional Studbook Keeper
Nancy Gonzalez
ngonzalez@wcs.org

Current to Date
10/10/2013

Date of Publication
10/10/2013

Table of Contents

Introductory Notes	2-4
Living Population	5-36
Historical Population	37-165
Historical Institutions	166-168
Current Institutions	170-171
Studbook Disclaimer	171

Photo Credit: Julie Larsen-Maher © WCS

Introductory Notes

Introduction

Systematics

Along with African, Galapagos and Humboldt penguins, Magellanic penguins comprise the genus *Spheniscus*. All of the birds in this genus lack the colorful feathers or crests of other penguin species, being primarily black and white. They range into the warmer climates of South America and Africa, following cold water currents further North than most other species of penguins, earning them the name "warm weather penguins."

Magellanic penguins, like all other penguins, are flightless aquatic birds. They are medium sized penguins, and males are notably larger than females. They are readily distinguished from the other spheniscid penguins by the double black band of feathers across their breast. There have been reported cases of individual African and Humboldt penguins with double bands across their breast, but these appear to be isolated and rare cases. All magellanic penguins have white underparts and a pattern of black spots across their bellies that can be used to identify individuals. Their flipper length, in proportion to their body size, is larger than most other species of penguins. Magellanic penguins also sport a fringe of white feathers around their bills and eyes that are lost during the breeding season, exposing the bare skin underneath. Both the flipper size and facial feather loss appear to be adaptations to promote heat loss in warmer climates.

Historical Record: *Spheniscus magellanicus* (Johann R. Forster, 1781)

English: Magellanic Penguin

Spanish: Pinguino Magellánico

German: Magellanpinguin

French: Manchot de Magellan

Status of Wild Populations:

Magellan penguins are listed in the 2009 IUCN Red List as near threatened.

Primary threats to wild penguin populations include contamination from oil spills, habitat loss and degradation, competition and loss of available food with commercial fisheries, and increasing human activity near nesting colonies. Climate change has also been recently recognized as a threat to wild populations.

Oil spills are estimated to kill approximately 40,000 penguins per year (Gandini, et al 1994). Drilling for oil off the Falkland Islands in 1998 caused three oil spills, killing several hundred penguins over a five month period of time (Bingham, 2002). Magellanic penguins also appear to be negatively affected by poor water quality caused by chronic oil pollution (Gandini, et al. 1994).

Tourism and continued human development near penguin colonies have exposed the birds to further harm. Introduced predators such as rats, dogs and pigs can do serious damage to a colony. Human activity can have a more direct effect, as dens can collapse under the weight of a human. Nesting parents show increased levels of stress when approached (Cheney 1999). Historically, nest sites have also been destroyed by guano harvesting. Commercial fishing has been linked to a decline in the penguin populations on the Falkland Islands, and in Punto Tombo, Argentina, penguins now swim almost 40 miles farther from their nests to find food than they did a decade ago. The Falklands population of Magellanic penguins is at 20% of the 1990/1991 level, and the Punto Tombo colony has declined by 22 percent since 1987. Other populations of Magellanic penguins appear to be steadily increasing, and the population of these birds on the island of Magdalena, where commercial fishing was banned in the late 1990s, has been rising (Bingham, 2002).

The effects of climate change on penguins is now closely being observed. Long term studies in Argentina's Punto Tombo have indicated that colony nesting failures are linked closely to the amount of rainfall. As ground nesting birds, they are particularly susceptible to flooding and chicks are not well

insulated enough to survive when they get wet. Due to the dynamic nature of penguin colonies in the Atlantic along the coast of Argentina and in the Falklands/Malvinas, estimating overall trends is not currently possible. Further studies and methods are needed to more accurately census populations, especially in areas where birds nest in deep burrows that make census counts difficult.

Range:

Magellanic penguins are distributed along the Southern coasts of South America, from Chile south to Cape Horn and back north to Argentina. They are also found on nearby islands, including the Falkland Islands. Migratory range is north to the coasts of Brazil on the Atlantic side and Peru on the Pacific side (Williams, 1995).

All populations currently continue to exist on previous historical sites, with variations in numbers affected periodically by ENSO events (Boersma, 1987). The number of breeding pairs has declined significantly in Punta Tombo, Argentina and in the Falklands in the past two decades (Bingham, 2002).

Brief description of ecology of wild populations:

Social structure

Like most penguins, Magellanic penguins are social and gregarious. They nest in large colonies, with the population density varying by location and habitat. There may be as many as 1 nest per meter squared or as few as one nest per every 100 meter squared, depending on the colony (Capurro, et al. 1988). Groups of birds hunt for fish together, and it has been reported that groups of Magellanic penguins often feed in association with other seabirds, predatory fish and even sea lions (delHoyo, et al.,1992).

Mating System

Magellanic penguins are primarily monogamous and most successful birds will return to the same nest and pair with the same mate for several years. Males arrive at the nest site prior to females and prepare the den. When the females arrive, pair formation is usually quite rapid (del Hoyo, et al.,1992). Usually, two eggs are laid in the nest, a couple of days apart. Both birds will incubate the eggs and will participate in chick rearing, taking turns at sea hunting (Williams,1995,Scolaro,1987).

Activity Cycle

Magellanic penguins are oceanic hunters, mostly active during the day when they can see and find prey (del Hoyo, et al.,1992).

Diet Type

Mostly feed on pelagic fish, varying by location. Preferred food items include anchovies (*Engraulis ringens*, *Engraulis anchoita*) and sprats (*Sprattus fuegensis*). They will also hunt and eat some squid and crustaceans (Scolaro and Bandano 1986, Scolaro et al 1999, Williams 1995)

Use of Space:

Magellanic penguins are somewhat more territorial than other penguins, especially in those colonies where they nest in underground dens. The spacing between pairs will vary as habitat demands, but males and females will both spar over nest territories with other pairs.

They are migratory, moving North over their range from April through August (the winter season). Birds will leave their summer grounds after their molt and travel as far as Southern Brazil and Peru (Williams 1995).

Scope of Studbook:

This studbook encompasses the North American region, zoos in the United States.

Chronological Scope

The data in this studbook include animals in North American Zoo collections from the earliest date of 1912 current through 2009.

Description of data fields

Data fields used in this studbook:

Unknown (unknown sex)

Genealogical information: WILD (for animals from the wild population, wild caught), UNK (unknown information, incomplete information), MULT (multiple possible parents)

Location identifiers: ISIS recognized mnemonics please see institution lists for full details and contact information.

Hatch date represents date when chick emerges from its shell.

Capture locations will be listed where applicable by country (e.g. Chile, Argentina).

This Studbook was prepared using PopLink 2.4

Bibliography:

- Bingham, M (2002) The decline of Falkland Islands penguins in the presence of a commercial fishing industry. Revista Chilena de Historia National 75: 805-818.
- Boersma, P.D. (1987) El Nino behind penguin deaths? Nature 327: 96.
- Boersma, P.D. (1990) Reproductive variability and historical change of Magellanic Penguins at Punto Tumbo, Argentina. In Davis L.S. and Darby, J.T. (eds) Penguin Biology. Academic Press, San Diego: pp. 15-43.
- Borboroglu, P. and Boersma, P.D. (eds) (2013) Penguins: Natural History and Conservation. University of Washington Press.
- Capurro, A. Frere, Gandini, Holik (1998) Nest density and population size of Magellanic penguins at Cabo Dos Bahias, Argentina. Auk 105: 585-588.
- Cheney (1999) Ecotourism and penguins: measuring stress effects in Magellanic Penguins. Penguin Conservation, v12,2: 24.
- delHoyo, J., Elliott, A., Sargatal, J. et al. (1992) Handbook of the birds of the world. Vol. 1, Lynx Edicions, Barcelona, pp.140-153,159.
- Gandini, et al. (1994) Magellanic Penguins are affected by chronic petroleum pollution along the coast of Chubut, Argentina. Auk, 111: 20-27.
- Scolaro, J.A. and Badano, L.A. (1986) Diet of the Magellanic Penguin *Spheniscus magellanicus* during the chick rearing period at Punta Clara, Argentina. Cormorant 13: 91-97.
- Scolaro,J.A. (1997) A model life table for magellanic penguins (*spheniscus magellanicus*) at Punto Tombo, Argentina. Journal of FieldOrnithology, 58:432-441.
- Scolaro, J.A., et al. (1999) Feeding preferences of the magellanic penguin over its breeding range in Argentina. Waterbirds, 22: 104-110.
- Wagner, Eric (2009) The Penguin Maven. Wildlife Conservation v. 112,1: 34-39.
- Williams, Tony D. (ed) (1995) Bird families of the world: the penguins, spheniscidae. Oxford University Press.

Acknowledgements:

I would like to thank Dr. Chris Sheppard, Anne Rockmore and Laurie Bingaman-Lackey for all the advice and support, Julie Larsen Maher for the beautiful picture and Kim Hyde and Danny for getting me started.

Living Population

STUDBOOK REPORT

MAGELLANIC PENGUIN Studbook
SPHENISCUS MAGELLANICUS
North American regional Studbook

Studbook data current as of 10/10/2013

Compiled by
Nancy Gonzalez
ngonzalez@wcs.org

PopLink Version: 2.4

134.104.6 (244) at 15 Institutions At 15 Institutions

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
BOISE - Zoo Boise, Boise, ID, USA												
450	5/23/1991	None	86	76	Female	Not Contracepted	Hatch	JOHN BALL	300909	5/23/1991	None	TRIXIE
							Transfer	AURORA	MG7538	2/24/2003	None	
							Transfer	BOISE	204008	5/6/2004	None	
545	5/14/1997	None	81	491	Female	Not Contracepted	Hatch	JOHN BALL	301922	5/14/1997	None	MAGGIE
							Transfer	AURORA	MG7540	2/24/2003	None	
							Transfer	BOISE	204009	5/6/2004	None	
607	5/22/2000	None	538	347	Female	Not	Hatch	JOHN BALL	302350	5/22/2000	None	TUFFY

						Contracepted							
							Transfer	AURORA	MG7541	2/24/2003	None		
							Transfer	BOISE	204010	5/6/2004	None		
630	5/27/2001	None	538	347	Female	Not Contracepted	Hatch	JOHN BALL	302550	5/27/2001	None	MARIA	
							Transfer	AURORA	MG7544	2/24/2003	None		
							Transfer	BOISE	204013	5/6/2004	None		
696	5/26/2004	None	72	306	Male	Not Contracepted	Hatch	SAN FRAN	204052	5/26/2004	None	PUDDIN	
							Transfer	BOISE	207044	1/8/2008	None		
725	5/31/2006	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	206040	5/31/2006	None	Jimmy	
							Transfer	BOISE	207046	1/8/2008	None		
728	5/6/2006	None	622	598	Female	Not Contracepted	Hatch	BOISE	206003	5/6/2006	None	SUSHI	

Totals: 2.5.0 (7)

CINCINNAT - Cincinnati Zoo & Botanical Garden, Cincinnati, OH, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
309	5/23/1987	None	37	26	Male	Not Contracepted	Hatch	SAN FRAN	287024	5/23/1987	None	BUDDY
							Transfer	NY BRONX	882110	5/4/1988	None	
							Transfer	CINCINNAT	290232	11/1/1990	None	
							Transfer	CINCINNAT	290232	8/21/1992	None	
524	6/14/1995	None	103	124	Male	Not Contracepted	Hatch	CINCINNAT	295193	6/14/1995	None	MAGGIE

Totals: 2.0.0 (2)

DES MOINE - Blank Park Zoo of Des Moines, Des Moines, IA, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
341	5/9/1988	None	46	19	Female	Not Contracepted	Hatch	SAN FRAN	288013	5/9/1988	None	
							Transfer	DES MOINE	743	9/27/1990	None	
342	5/9/1988	None	25	269	Male	Not Contracepted	Hatch	SAN FRAN	288014	5/9/1988	None	
							Transfer	DES MOINE	744	9/27/1990	None	
583	5/16/1999	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	299058	5/16/1999	None	SATCHEL
							Transfer	DES MOINE	1486	3/14/2003	None	
627	5/19/2001	None	337	300	Male	Not Contracepted	Hatch	SAN FRAN	201047	5/19/2001	None	WILLS
							Transfer	DES MOINE	1485	3/14/2002	None	
674	5/28/2003	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T03P03	5/28/2003	None	
							Transfer	DES MOINE	2156	5/20/2010	None	
701	6/1/2004	None	583	353	Female	Not Contracepted	Hatch	DES MOINE	1614	6/1/2004	None	
749	5/14/2008	None	627	701	Female	Not Contracepted	Hatch	DES MOINE	2005	5/14/2008	None	

Totals: 4.3.0 (7)

JACKSONVL - Jacksonville Zoo and Gardens, Jacksonville, FL, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
625	5/14/2001	None	69	19	Male	Not	Hatch	SAN FRAN	202030	5/14/2001	None	NAUGHTY

						Contracepted						
							Transfer	SACRAMNTO	201642	2/20/2007	None	
							Transfer	SAN FRAN	202030	1/10/2008	None	
							Transfer	JACKSONVL	610316	1/27/2010	None	
634	5/8/2002	None	435	382	Male	Not Contracepted	Hatch	SEA WORLD	MG0112	5/8/2002	None	
							Transfer	JOHN BALL	302689	12/12/2002	None	
							Transfer	JACKSONVL	613329	6/26/2013	None	
660	5/14/2003	None	560	47	Female	Not Contracepted	Hatch	SAN FRAN	203023	5/14/2003	None	SOILED
							Transfer	JACKSONVL	610317	1/27/2010	None	
670	5/26/2003	None	337	300	Male	Not Contracepted	Hatch	SAN FRAN	203030	5/26/2003	None	PUTTY
							Transfer	SACRAMNTO	_____	2/20/2007	None	
							Transfer	SAN FRAN	203030	1/8/2008	None	
							Transfer	JACKSONVL	610319	1/27/2010	None	
678	5/8/2004	None	604	628	Female	Not Contracepted	Hatch	SAN FRAN	204048	5/8/2004	None	DAFFODIL
							Transfer	JACKSONVL	610320	1/27/2010	None	
702	5/1/2005	None	431	559	Male	Not Contracepted	Hatch	LANSING	2680	5/1/2005	None	
							Transfer	JACKSONVL	611330	5/26/2011	None	
707	5/25/2005	None	535	87	Female	Not Contracepted	Hatch	JOHN BALL	302924	5/25/2005	None	
							Transfer	JACKSONVL	613330	6/26/2013	None	
748	5/5/2008	None	431	559	Male	Not Contracepted	Hatch	LANSING	2860	5/5/2008	None	

							Transfer	JACKSONVL	611331	5/26/2011	None	
752	5/5/2008	None	560	612	Female	Not Contracepted	Hatch	SAN FRAN	208007	5/5/2008	None	Plankton
							Transfer	JACKSONVL	610323	1/27/2010	None	
827	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	008262	2/1/2011	Unknown	Kowalski
							Transfer	JACKSONVL	611307	4/8/2011	None	
828	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	007769	2/1/2011	Unknown	Oswald
							Transfer	JACKSONVL	611308	4/8/2011	None	
829	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	0030699	2/1/2011	Unknown	Cobblepot
							Transfer	JACKSONVL	611309	4/8/2011	None	
830	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	007773	2/1/2011	Unknown	Lola
							Transfer	JACKSONVL	611310	4/8/2011	None	

Totals: 7.6.0 (13)

JOHN BALL - John Ball Zoological Garden, Grand Rapids, MI, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
76	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year	
							Transfer	FERNDALE	_____	1/1/1984	Year	
							Transfer	JOHN BALL	204004	4/20/1984	None	
87	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year	
							Transfer	FERNDALE	_____	1/1/1984	Year	

							Transfer	SAN FRAN		5/11/1984	None
							Transfer	JOHN BALL	204015	6/11/1984	None
214	11/20/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0003	11/20/1984	None
							Transfer	AURORA	MG0003	5/4/1996	None
							Transfer	SEA WORLD	MG0003	2/18/2001	None
							Transfer	JOHN BALL	302691	12/12/2002	None
232	11/25/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0021	11/25/1984	None
							Transfer	AURORA	MG0021	5/4/1996	None
							Transfer	SEA WORLD	MG0021	2/18/2001	None
							Transfer	JOHN BALL	302684	12/12/2002	None
445	5/21/1991	None	318	320	Male	Not Contracepted	Hatch	SEA WORLD	MG0068	5/21/1991	None
							Transfer	ORLANDO	MG2506	8/29/1991	None
							Transfer	SEAWLD TX	MG2506	12/20/1994	None
							Transfer	AURORA	MG0068	10/23/1995	None
							Transfer	SEA WORLD	MG0068	2/18/2001	None
							Transfer	JOHN BALL	302685	12/12/2002	None
476	5/19/1992	None	245	242	Male	Not Contracepted	Hatch	SEA WORLD	MG0075	5/19/1992	None
							Transfer	AURORA	MG0075	4/26/1997	None
							Transfer	SEA WORLD	MG0075	2/18/2001	None
							Transfer	JOHN BALL	302687	12/12/2002	None
485	5/23/1992	None	237	214	Female	Not Contracepted	Hatch	AURORA	MG7509	5/23/1992	None

							Transfer	SEAWLD TX	MG7509	10/29/1994	None	
							Transfer	AURORA	MG7509	12/5/1995	None	
							Transfer	SEA WORLD	MG7509	2/18/2001	None	
							Transfer	JOHN BALL	302692	12/12/2002	None	
513	1/1/1995	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1997	Unknown	
							Transfer	GULF AQUA	AQ-1	1/1/1997	Unknown	
							Transfer	JOHN BALL	302023	1/9/1998	None	
516	1/1/1995	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1997	Unknown	
							Transfer	GULF AQUA	AQ-4	1/1/1997	Unknown	
							Transfer	JOHN BALL	302026	1/9/1998	None	
535	5/16/1996	None	430	411	Male	Not Contracepted	Hatch	SEA WORLD	MG0104	5/16/1996	None	
							Transfer	JOHN BALL	302688	12/12/2002	None	
571	5/25/1998	None	81	76	Male	Not Contracepted	Hatch	JOHN BALL	302110	5/25/1998	None	
573	5/30/1998	None	439	438	Male	Not Contracepted	Hatch	AURORA	MG7513	5/30/1998	None	
							Transfer	SEA WORLD	MG-170	10/15/1998	None	
							Transfer	AURORA	MG7513	4/7/1999	None	
							Transfer	SEA WORLD	MG7513	2/18/2001	None	
							Transfer	JOHN BALL	302690	12/12/2002	None	
610	5/24/2000	None	538	347	Male	Not Contracepted	Hatch	JOHN BALL	302352	5/24/2000	None	
611	5/24/2000	None	92	87	Male	Not Contracepted	Hatch	JOHN BALL	302353	5/24/2000	None	

706	5/25/2005	None	476	485	Female	Not Contracepted	Hatch	JOHN BALL	302925	5/25/2005	None	
709	5/26/2005	None	81	516	Male	Not Contracepted	Hatch	JOHN BALL	302928	5/26/2005	None	
718	5/24/2006	Day	573	515	Male	Not Contracepted	Hatch	JOHN BALL	303045	5/24/2006	Day	
719	5/24/2006	Day	573	515	Female	Not Contracepted	Hatch	JOHN BALL	303049	5/24/2006	Day	
722	5/25/2006	None	535	87	Male	Not Contracepted	Hatch	JOHN BALL	303051	5/25/2006	None	
723	5/26/2006	None	476	485	Female	Not Contracepted	Hatch	JOHN BALL	303054	5/26/2006	None	
726	6/1/2006	None	232	214	Male	Not Contracepted	Hatch	JOHN BALL	303071	6/1/2006	None	
750	5/31/2008	None	573	515	Female	Not Contracepted	Hatch	JOHN BALL	303429	5/31/2008	None	
804	5/26/2010	None	81	516	Male	Not Contracepted	Hatch	JOHN BALL	303622	5/26/2010	None	
805	5/28/2010	None	571	347	Male	Not Contracepted	Hatch	JOHN BALL	303623	5/28/2010	None	
806	6/2/2010	None	476	87	Male	Not Contracepted	Hatch	JOHN BALL	303624	6/2/2010	None	
807	6/6/2010	None	476	87	Male	Not Contracepted	Hatch	JOHN BALL	303627	6/6/2010	None	
838	5/19/2012	None	722	706	Male	Not Contracepted	Hatch	JOHN BALL	303834	5/19/2012	None	
854	5/20/2013	None	718	723	Unknown	Not Contracepted	Hatch	JOHN BALL	303985	5/20/2013	None	

855	5/25/2013	None	571	719	Unknown	Not Contracepted	Hatch	JOHN BALL	303988	5/25/2013	None	
856	5/28/2013	None	571	719	Unknown	Not Contracepted	Hatch	JOHN BALL	303989	5/28/2013	None	

Totals: 17.10.3 (30)

LANSING - Potter Park Zoological Gardens, Lansing, MI, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
393	5/22/1989	None	86	76	Male	Not Contracepted	Hatch	JOHN BALL	300586	5/22/1989	None	92
							Transfer	SHEDD AQ	040301	4/2/1991	None	
							Transfer	AURORA	MG7534	4/6/2001	None	
							Transfer	LANSING	2631	4/17/2004	None	
559	5/13/1998	None	181	444	Female	Not Contracepted	Hatch	LANSING	2243	5/13/1998	None	
							Transfer	AURORA	MG7537	11/13/2002	None	
							Transfer	LANSING	2243	10/23/2003	None	
574	5/31/1998	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG7514	5/31/1998	None	CASPER
							Transfer	ORLANDO	MG7514	10/15/1998	None	
							Transfer	NY BRONX	B02134	12/16/2002	None	
							Transfer	LANSING	2595	10/23/2003	None	
585	5/18/1999	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	299074	5/18/1999	None	WALLET (C)
							Transfer	AURORA	MG7529	6/7/2001	None	

							Transfer	LANSING	2634	4/17/2004	None	
606	5/22/2000	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	200051	5/22/2000	None	BOCELLI
							Transfer	AURORA	MG7532	6/7/2001	None	
							Transfer	LANSING	2637	4/17/2004	None	
712	5/5/2006	None	431	559	Female	Not Contracepted	Hatch	LANSING	2751	5/5/2006	None	
729	5/4/2007	None	431	559	Female	Not Contracepted	Hatch	LANSING	2817	5/4/2007	None	
789	5/10/2010	None	393	559	Male	Not Contracepted	Hatch	LANSING	3002	5/10/2010	None	
790	5/11/2010	None	606	656	Female	Not Contracepted	Hatch	LANSING	3005	5/11/2010	None	
841	6/3/2012	None	606	656	Male	Not Contracepted	Hatch	LANSING	4009	6/3/2012	None	
857	5/20/2013	None	393	559	Unknown	Not Contracepted	Hatch	LANSING	4070	5/20/2013	None	

Totals: 6.4.1 (11)

LONG B AQ - Aquarium of the Pacific, Long Beach, Long Beach, CA, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
494	5/20/1993	None	216	230	Male	Not Contracepted	Hatch	ORLANDO	MG0078	5/20/1993	None	HENRY
							Transfer	AURORA	MG0078	12/10/1996	None	
							Transfer	SEA WORLD	MG0078	2/18/2001	None	
							Transfer	SAN FRAN	202072	11/11/2002	None	
							Transfer	LONG B AQ	LBSM121	3/16/2012	None	

635	5/11/2002	None	406	335	Female	Not Contracepted	Hatch	SAN FRAN	202027	5/11/2002	None	WHATEVE
							Transfer	MONTERYAQ	2009112	11/23/2009	None	
							Transfer	LONG B AQ	LBSM- 11-7	9/14/2011	None	
638	5/12/2002	None	69	19	Male	Not Contracepted	Hatch	SAN FRAN	202029	5/12/2002	None	NOODLES
							Transfer	MONTERYAQ	2009111	11/23/2009	None	
							Transfer	LONG B AQ	LBSM- 11-6	9/14/2011	None	
673	5/28/2003	None	337	300	Female	Not Contracepted	Hatch	SAN FRAN	203031	5/28/2003	None	PATSY
							Transfer	SACRAMNTO	201643	2/20/2007	None	
							Transfer	SAN FRAN	203031	1/8/2008	None	
							Transfer	MONTERYAQ	2009113	11/23/2009	None	
							Transfer	LONG B AQ	LBSM- 11-8	9/14/2011	None	
693	5/25/2004	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	204051	5/25/2004	None	SHIM
							Transfer	MONTERYAQ	2009110	11/23/2009	None	
							Transfer	LONG B AQ	LBSM- 11-9	9/14/2011	None	
801	5/22/2010	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	210009	5/22/2010	None	Floyd
							Transfer	LONG B AQ	LBSM123	3/16/2012	None	
820	5/15/2011	None	604	628	Male	Not Contracepted	Hatch	SAN FRAN	211002	5/15/2011	None	Ludwig

							Transfer	LONG B AQ	LBSM124	3/16/2012	None	
822	5/20/2011	None	563	581	Male	Not Contracepted	Hatch	SAN FRAN	211006	5/20/2011	None	Newsome
							Transfer	LONG B AQ	LBSM125	3/16/2012	None	
824	5/24/2011	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	211010	5/24/2011	None	Jeremy
							Transfer	LONG B AQ	LBSM126	3/16/2012	None	
831	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	1/1/2011	Unknown	Avery
							Transfer	USDAAPHIS	UNK	2/11/2011	None	
							Transfer	SEA WORLD	UNK	3/14/2011	None	
							Transfer	LONG B AQ	LBSM- 11-1	4/7/2011	None	
832	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown	Robbie
							Transfer	USDAAPHIS	UNK	2/11/2011	None	
							Transfer	SEA WORLD	UNK	3/14/2011	None	
							Transfer	LONG B AQ	LBSM- 11-4	4/7/2011	None	
834	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown	Kate
							Transfer	USDAAPHIS	UNK	2/11/2011	None	
							Transfer	SEA WORLD	UNK	3/14/2011	None	
							Transfer	LONG B AQ	LBSM- 11-3	4/7/2011	None	
835	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown	Roxy

							Transfer	USDAAPHIS	UNK	2/11/2011	None	
							Transfer	SEA WORLD	UNK	3/14/2011	None	
							Transfer	LONG B AQ	LBSM-11-5	4/7/2011	None	
859	6/19/2013	None	801	835	Female	Not Contracepted	Hatch	LONG B AQ	LBSM 13-1	6/19/2013	None	
860	6/25/2013	None	693	635	Male	Not Contracepted	Hatch	LONG B AQ	LBSM 13-2	6/25/2013	None	

Totals: 10.5.0 (15)

NY BRONX - Bronx Zoo/Wildlife Conservation Society, Bronx, NY, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
279	5/22/1986	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	286010	5/22/1986	None	ETHEL
							Transfer	NY BRONX	882104	5/5/1988	None	
							Transfer	PROSPECTP	882104	2/27/1995	None	
							Transfer	NY BRONX	882104	6/18/1995	None	
							Transfer	PROSPECTP	882104	11/6/1995	None	
							Transfer	NY BRONX	882104	5/6/1996	None	
297	5/11/1987	None	46	19	Male	Not Contracepted	Hatch	SAN FRAN	287012	5/11/1987	None	BANDIT
							Transfer	NY BRONX	882106	5/4/1988	None	
							Transfer	PROSPECTP	882106	2/27/1995	None	
							Transfer	NY BRONX	882106	6/18/1995	None	
							Transfer	PROSPECTP	882106	11/6/1995	None	
							Transfer	NY BRONX	882106	5/6/1996	None	

343	5/9/1988	None	85	77	Male	Not Contracepted	Hatch	JOHN BALL	300387	5/9/1988	None	DANNY
							Transfer	NY BRONX	912033	3/18/1991	None	
							Transfer	PROSPECTP	912033	2/27/1995	None	
							Transfer	NY BRONX	912033	6/18/1995	None	
391	5/20/1989	None	44	250	Female	Not Contracepted	Hatch	SAN FRAN	289011	5/20/1989	None	RUBY BEG
							Transfer	NY BRONX	942031	4/15/1994	None	
							Transfer	PROSPECTP	942031	2/27/1995	None	
							Transfer	NY BRONX	942031	6/18/1995	None	
							Transfer	PROSPECTP	942031	11/6/1995	None	
							Transfer	NY BRONX	942031	5/6/1996	None	
587	5/20/1999	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	299062	5/20/1999	None	SPRINGER
							Transfer	AURORA	MG7530	6/7/2001	None	
							Transfer	LANSING	2635	4/17/2004	None	
							Transfer	NY BRONX	B06058	6/29/2006	None	
603	5/19/2000	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	200048	5/19/2000	None	OBADIAH
							Transfer	AURORA	MG7531	6/7/2001	None	
							Transfer	LANSING	2636	4/17/2004	None	
							Transfer	NY BRONX	B06060	6/29/2006	None	
665	5/17/2003	None	560	47	Female	Not Contracepted	Hatch	SAN FRAN	203026	5/17/2003	None	DIANE
							Transfer	NY BRONX	B11198	10/27/2011	None	
695	5/25/2004	None	574	559	Male	Not	Hatch	LANSING	2644	5/25/2004	None	MICKEY

						Contracepted						
							Transfer	NY BRONX	B06059	6/29/2006	None	
767	5/10/2009	None	604	628	Female	Not Contracepted	Hatch	SAN FRAN	209016	5/10/2009	None	
							Transfer	NY BRONX	B11199	10/27/2011	None	
768	5/11/2009	None	604	628	Male	Not Contracepted	Hatch	SAN FRAN	209017	5/11/2009	None	
							Transfer	NY BRONX	B11196	10/27/2011	None	
798	5/19/2010	None	624	716	Male	Not Contracepted	Hatch	SAN FRAN	210007	5/19/2010	None	
							Transfer	NY BRONX	B11197	10/27/2011	None	
803	5/26/2010	None	587	279	Male	Not Contracepted	Hatch	NY BRONX	B10077	5/26/2010	None	Hugo

Totals: 8.4.0 (12)

ORLANDO - Sea World Orlando, Orlando, FL, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
436	5/7/1991	None	225	221	Female	Not Contracepted	Hatch	SEA WORLD	MG0064	5/7/1991	None	
							Transfer	ORLANDO	MG2504	8/29/1991	None	
439	5/17/1991	None	243	230	Male	Not Contracepted	Hatch	SEA WORLD	MG0066	5/17/1991	None	SPIKE
							Transfer	SEAWLD TX	MG0066	11/12/1991	None	
							Transfer	AURORA	MG0066	4/2/1992	None	
							Transfer	ORLANDO	MG0066	2/6/2001	None	
441	5/18/1991	None	237	223	Male	Not Contracepted	Hatch	SEA WORLD	MG0067	5/18/1991	None	HOWARD

							Transfer	ORLANDO	MG2505	8/29/1991	None	
							Transfer	SEAWLD TX	MG2505	12/20/1994	None	
							Transfer	AURORA	MG0067	10/23/1995	None	
							Transfer	ORLANDO	MG0067	2/6/2001	None	
493	5/20/1993	None	418	320	Female	Not Contracepted	Hatch	SEA WORLD	MG0077	5/20/1993	None	TIERRA
							Transfer	ORLANDO	MG0077	5/20/1993	None	
496	5/22/1993	None	324	223	Female	Not Contracepted	Hatch	ORLANDO	MG0080	5/22/1993	None	MARIO
							Transfer	ORLANDO	MG0080	5/23/1993	None	
562	5/18/1998	None	20	36	Female	Not Contracepted	Hatch	ORLANDO	MG2508	5/18/1998	None	NEWMAN
565	5/20/1998	None	405	446	Female	Not Contracepted	Hatch	AURORA	MG7511	5/20/1998	None	FRED
							Transfer	ORLANDO	MG7511	10/15/1998	None	
570	5/24/1998	None	402	382	Male	Not Contracepted	Hatch	AURORA	MG7512	5/24/1998	None	STERLING
							Transfer	ORLANDO	MG7512	10/15/1998	None	
589	5/25/1999	None	225	221	Male	Not Contracepted	Hatch	AURORA	MG7521	5/25/1999	None	
							Transfer	ORLANDO	MG7521	2/6/2001	None	
754	11/19/2008	None	439	436	Male	Not Contracepted	Hatch	ORLANDO	MG2516	11/19/2008	None	
755	11/21/2008	None	441	565	Male	Not Contracepted	Hatch	ORLANDO	MG2517	11/21/2008	None	
756	11/22/2008	None	439	436	Male	Not Contracepted	Hatch	ORLANDO	MG2518	11/22/2008	None	

757	11/24/2008	None	589	562	Male	Not Contracepted	Hatch	ORLANDO	MG2519	11/24/2008	None	
759	12/1/2008	None	570	493	Female	Not Contracepted	Hatch	ORLANDO	MG2521	12/1/2008	None	

Totals: 8.6.0 (14)

SAN FRAN - San Francisco Zoological Gardens, San Francisco, CA, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
69	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year	CAPTAIN F
							Transfer	FERNDALE		1/1/1984	Year	
							Transfer	SAN FRAN	284086	5/11/1984	None	
300	5/13/1987	None	39	59	Female	Not Contracepted	Hatch	SAN FRAN	287015	5/13/1987	None	LOUISE
327	1/1/1988	Year	WILD	WILD	Male	Not Contracepted	Hatch	WEBB B		1/1/1988	Year	KEVIN
							Transfer	SAN FRAN	292038	2/15/1992	None	
330	1/1/1988	Year	WILD	WILD	Female	Not Contracepted	Hatch	WEBB B		1/1/1988	Year	SCOOTER
							Transfer	SAN FRAN	292041	2/15/1992	None	
349	5/14/1988	None	34	33	Female	Not Contracepted	Hatch	SAN FRAN	288018	5/14/1988	None	ANNIE
394	5/23/1989	None	67	71	Male	Not Contracepted	Hatch	SAN FRAN	289012	5/23/1989	None	TOMMY
411	5/18/1990	None	245	242	Female	Not Contracepted	Hatch	SEA WORLD	MG0050	5/18/1990	None	SCOUT
							Transfer	AURORA	MG0050	5/18/1996	None	

							Transfer	SEA WORLD	MG0050	2/18/2001	None	
							Transfer	SAN FRAN	202070	11/11/2002	None	
451	5/24/1991	None	312	47	Male	Not Contracepted	Hatch	SAN FRAN	291024	5/24/1991	None	MUD PUPP
461	5/31/1991	None	69	71	Male	Not Contracepted	Hatch	SAN FRAN	291031	5/31/1991	None	PIPPIN
462	6/1/1991	None	284	306	Male	Not Contracepted	Hatch	SAN FRAN	291032	6/1/1991	None	BRUNO
558	5/13/1998	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	298030	5/13/1998	None	SOPHIA LC
560	5/17/1998	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	298032	5/17/1998	None	HOWARD '
							Transfer	SACRAMNTO	201644	2/20/2007	None	
							Transfer	SAN FRAN	298032	5/17/2007	None	
563	5/20/1998	None	394	299	Male	Not Contracepted	Hatch	SAN FRAN	298033	5/20/1998	None	MEL/MARS
569	5/24/1998	None	312	47	Male	Not Contracepted	Hatch	SAN FRAN	298035	5/24/1998	None	GRUB
580	4/7/1999	None	396	346	Female	Not Contracepted	Hatch	DES MOINE	1317	4/7/1999	None	HEAVEN
							Transfer	SAN FRAN	200125	12/7/2000	None	
581	4/7/1999	None	396	346	Female	Not Contracepted	Hatch	DES MOINE	1318	4/7/1999	None	TEENA
							Transfer	SAN FRAN	200126	12/7/2000	None	
591	5/28/1999	None	435	223	Female	Not Contracepted	Hatch	AURORA	MG7522	5/28/1999	None	LINDA
							Transfer	SEA WORLD	MG7522	6/26/1999	None	

							Transfer	SAN FRAN	202074	11/11/2002	None	
601	5/15/2000	None	69	19	Male	Not Contracepted	Hatch	SAN FRAN	200041	5/15/2000	None	MR. LOVEI
604	5/20/2000	None	20	47	Male	Not Contracepted	Hatch	SAN FRAN	200053	5/20/2000	None	FILTHY MC
612	5/25/2000	None	394	299	Female	Not Contracepted	Hatch	SAN FRAN	200054	5/25/2000	None	ALGAE
							Transfer	SACRAMNTO	201639	2/20/2007	None	
							Transfer	SAN FRAN	200054	5/17/2007	None	
624	5/11/2001	None	37	331	Male	Not Contracepted	Hatch	SAN FRAN	201032	5/11/2001	None	VITO (DON)
628	5/21/2001	None	69	19	Female	Not Contracepted	Hatch	SAN FRAN	201048	5/21/2001	None	MAGGIE M
629	5/21/2001	None	337	300	Male	Not Contracepted	Hatch	SAN FRAN	201049	5/21/2001	None	HARRY
							Transfer	SACRAMNTO	201640	2/20/2007	None	
							Transfer	SAN FRAN	201049	1/10/2008	None	
636	5/11/2002	None	37	331	Male	Not Contracepted	Hatch	SAN FRAN	202028	5/11/2002	None	RAVIOLI
646	5/25/2002	None	72	306	Male	Not Contracepted	Hatch	SAN FRAN	202035	5/25/2002	None	BISCUIT B
647	5/26/2002	None	72	306	Male	Not Contracepted	Hatch	SAN FRAN	202036	5/26/2002	None	PEPPER
657	5/11/2003	None	37	331	Female	Not Contracepted	Hatch	SAN FRAN	203022	5/11/2003	None	MONA LIS.
666	5/18/2003	None	69	19	Female	Not Contracepted	Hatch	SAN FRAN	203029	5/18/2003	None	GINA LOL.
690	5/21/2004	None	37	331	Female	Not	Hatch	SAN FRAN	204050	5/21/2004	None	DEEVA

						Contracepted							
714	5/17/2006	None	327	330	Female	Not Contracepted	Hatch	SAN FRAN	206034	5/17/2006	None	RIZZO	
716	5/22/2006	None	451	349	Female	Not Contracepted	Hatch	SAN FRAN	206036	5/22/2006	None	FRENCHIE	
738	5/22/2007	None	451	349	Male	Not Contracepted	Hatch	SAN FRAN	207058	5/22/2007	None	Riley	
751	5/2/2008	None	693	690	Male	Not Contracepted	Hatch	SAN FRAN	208008	5/2/2008	None	JR	
753	5/18/2008	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	208013	5/18/2008	None	Chuck Norri	
769	5/12/2009	None	675	660	Female	Not Contracepted	Hatch	SAN FRAN	209018	5/12/2009	None	Sparkles	
772	5/24/2009	None	569	581	Female	Not Contracepted	Hatch	SAN FRAN	209021	5/24/2009	None	Cecilia	
783	11/1/2008	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	NONE	6/1/2009	Year	Sol (new na Fran)	
							Transfer	MONTERYAQ	200913	9/21/2009	None		
							Transfer	SAN FRAN	211013	9/27/2011	None		
784	11/1/2008	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	NONE	6/1/2009	Year	Dulce	
							Transfer	MONTERYAQ	200915	9/21/2009	None		
							Transfer	SAN FRAN	211015	9/27/2011	None		
785	6/1/2008	Unknown	WILD	WILD	Male	Not Contracepted	Hatch	S.AMERICA	NONE	6/1/2008	Unknown	Tango "Tanl	
							Wild Capture	BRAZIL	NONE	6/1/2009	Year		
							Transfer	MONTERYAQ	200914	9/21/2009	None		

							Transfer	SAN FRAN	211014	9/27/2011	None	
786	6/1/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	12/7/2009	Year	Pingo
							Transfer	MONTERYAQ	2009118	12/7/2009	None	
							Transfer	SAN FRAN	211016	9/27/2011	None	
787	11/1/2008	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	4/13/2010	None	Areia (new Fran)
							Transfer	MONTERYAQ	201005	4/13/2010	None	
							Transfer	SAN FRAN	211018	9/27/2011	None	
788	10/1/2008	+/- 3 Months	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	4/13/2010	None	Romario "R"
							Transfer	MONTERYAQ	201004	4/13/2010	None	
							Transfer	SAN FRAN	211017	9/27/2011	None	
802	5/23/2010	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	210011	5/23/2010	None	Panggo
823	5/23/2011	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	211009	5/23/2011	None	Harvey Milk
839	5/20/2012	None	462	714	Female	Not Contracepted	Hatch	SAN FRAN	212009	5/20/2012	None	Perri
840	5/26/2012	None	462	714	Male	Not Contracepted	Hatch	SAN FRAN	212016	5/26/2012	None	Burt
850	5/26/2012	None	646	300	Female	Not Contracepted	Hatch	SAN FRAN	212017	5/26/2012	None	One
851	5/27/2012	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	212018	5/27/2012	None	Eduardo
861	5/13/2013	None	624	716	Female	Not Contracepted	Hatch	SAN FRAN	213011	5/13/2013	None	Lucky Joseph

862	5/17/2013	None	624	716	Male	Not Contracepted	Hatch	SAN FRAN	213012	5/17/2013	None	George Ale
863	5/20/2013	None	646	300	Female	Not Contracepted	Hatch	SAN FRAN	213014	5/20/2013	None	Goobin Park
864	5/25/2013	None	569	581	Unknown	Not Contracepted	Hatch	SAN FRAN	213019	5/25/2013	None	Tootsie
865	5/29/2013	None	785	783	Unknown	Not Contracepted	Hatch	SAN FRAN	213020	5/29/2013	None	Arjun

Totals: 28.23.2 (53)

SEA WORLD - Sea World San Diego, San Diego, CA, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
217	11/21/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0007	11/21/1984	None	
							Transfer	AURORA	MG0007	5/4/1996	None	
							Transfer	SEA WORLD	MG0007	2/18/2001	None	
							Transfer	AURORA	MG0007	12/10/2002	None	
							Transfer	SEA WORLD	MG0007	6/5/2004	None	
402	5/9/1990	None	225	221	Male	Not Contracepted	Hatch	SEA WORLD	MG0052	5/9/1990	None	
							Transfer	AURORA	MG0052	5/4/1996	None	
							Transfer	SEA WORLD	MG0052	2/18/2001	None	
							Transfer	AURORA	MG0052	12/10/2002	None	
							Transfer	SEA WORLD	MG0052	6/5/2004	None	
							Transfer	SACRAMNTO	201652	1/21/2008	None	
							Transfer	SEA WORLD	MG0052	7/8/2008	None	
405	5/10/1990	None	216	218	Male	Not	Hatch	SEA WORLD	MG0053	5/10/1990	None	

						Contracepted					
							Transfer	AURORA	MG0053	5/4/1996	None
							Transfer	SEA WORLD	MG0053	2/18/2001	None
433	5/4/1991	None	210	214	Female	Not Contracepted	Hatch	SEA WORLD	MG0063	5/4/1991	None
							Transfer	ORLANDO	MG2503	8/29/1991	None
							Transfer	SEA WORLD	MG2503	4/7/2001	None
446	5/21/1991	None	236	211	Female	Not Contracepted	Hatch	SEA WORLD	MG0073	5/21/1991	None
							Transfer	AURORA	MG0073	5/4/1996	None
							Transfer	SEA WORLD	MG0073	2/18/2001	None
495	5/21/1993	None	324	223	Male	Not Contracepted	Hatch	SEA WORLD	MG0079	5/21/1993	None
							Transfer	AURORA	MG0079	4/26/1997	None
							Transfer	SEAWLD TX	NG0079	1/7/1998	None
							Transfer	AURORA	MG0079	4/30/1998	None
							Transfer	SEA WORLD	MG0079	2/18/2001	None
							Transfer	SOUTH CAR	UNK	2/24/2009	None
							Transfer	SEA WORLD	MG0079	11/2/2010	None
518	5/6/1995	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0092	5/6/1995	None
519	5/15/1995	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG0093	5/15/1995	None
							Transfer	SEA WORLD	MG0093	2/18/2001	None
							Transfer	SOUTH CAR	UNK	2/24/2009	None
							Transfer	SEA WORLD	MG0093	11/2/2010	None

522	5/20/1995	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG0094	5/20/1995	None	
							Transfer	SEA WORLD	MG0094	2/18/2001	None	
527	5/1/1996	None	402	382	Female	Not Contracepted	Hatch	SEA WORLD	MG0097	5/1/1996	None	
532	5/13/1996	None	430	411	Male	Not Contracepted	Hatch	SEA WORLD	MG0101	5/13/1996	None	STITCH
							Wild Capture	SOUTH CAR	UNK	2/24/2009	None	
							Transfer	SEA WORLD	MG0101	11/2/2010	None	
534	5/15/1996	None	413	242	Female	Not Contracepted	Hatch	SEA WORLD	MG0103	5/15/1996	None	
577	6/1/1998	None	439	438	Female	Not Contracepted	Hatch	AURORA	MG7517	6/1/1998	None	
							Transfer	SEA WORLD	MG7517	10/19/1998	None	
584	5/17/1999	None	402	382	Female	Not Contracepted	Hatch	AURORA	MG7519	5/17/1999	None	KERMIT
							Transfer	SEA WORLD	MG7519	6/26/1999	None	
							Transfer	AURORA	MG7519	12/10/2002	None	
							Transfer	SEA WORLD	MG7519	6/5/2004	None	
							Transfer	SACRAMNTO	201656	1/21/2008	None	
							Transfer	SEA WORLD	MG7519	2/1/2008	None	
586	5/19/1999	None	402	382	Female	Not Contracepted	Hatch	AURORA	MG7520	5/19/1999	None	ALBIE
							Transfer	SEA WORLD	MG7520	6/26/1999	None	
686	5/17/2004	None	69	19	Male	Not Contracepted	Hatch	SEA WORLD	MG0127	5/17/2004	None	

							Transfer	SEAWLD TX	MG0127	2/12/2005	None	
							Transfer	SEA WORLD	MG0127	2/19/2007	None	
692	5/23/2004	None	569	581	Female	Not Contracepted	Hatch	SEA WORLD	MG0131	5/23/2004	None	
							Transfer	SEAWLD TX	MG0131	2/12/2005	None	
							Transfer	SEA WORLD	MG0131	2/12/2007	None	
731	5/11/2007	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0138	5/11/2007	None	
							Transfer	SOUTH CAR	UNK	2/24/2009	None	
							Transfer	SEA WORLD	MG0138	11/2/2010	None	
732	5/15/2007	None	533	517	Male	Not Contracepted	Hatch	SEA WORLD	MG0139	5/15/2007	None	
734	5/18/2007	None	519	433	Male	Not Contracepted	Hatch	SEA WORLD	MG0140	5/18/2007	None	
735	5/18/2007	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0141	5/18/2007	None	
736	5/20/2007	None	519	433	Female	Not Contracepted	Hatch	SEA WORLD	MG0142	5/20/2007	None	
740	5/22/2007	None	594	600	Female	Not Contracepted	Hatch	SEA WORLD	MG0144	5/22/2007	None	
747	11/24/2007	None	439	436	Male	Not Contracepted	Hatch	ORLANDO	MG2515	11/24/2007	None	Chagal
							Transfer	SEAWLD TX	MG2515	4/3/2009	None	
							Transfer	SEA WORLD	MG2515	3/29/2010	None	
760	5/18/2008	None	495	534	Male	Not Contracepted	Hatch	SEA WORLD	MG0148	5/18/2008	None	
761	5/20/2008	None	532	577	Male	Not	Hatch	SEA WORLD	MG0149	5/20/2008	None	

						Contracepted						
762	5/21/2008	None	519	433	Female	Not Contracepted	Hatch	SEA WORLD	MG0150	5/21/2008	None	
763	5/22/2008	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0151	5/22/2008	None	
812	4/29/2010	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0155	4/29/2010	None	
813	4/30/2010	None	217	692	Female	Not Contracepted	Hatch	SEA WORLD	MG0156	4/30/2010	None	
814	5/1/2010	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0157	5/1/2010	None	
816	5/16/2011	None	402	433	Male	Not Contracepted	Hatch	SEA WORLD	MG0160	5/16/2011	None	
825	5/16/2011	None	402	433	Female	Not Contracepted	Hatch	SEA WORLD	MG0161	5/16/2011	None	
836	4/28/2012	None	735	527	Female	Not Contracepted	Hatch	SEA WORLD	MG0164	4/28/2012	None	
837	4/29/2012	None	734	584	Male	Not Contracepted	Hatch	SEA WORLD	MG0165	4/29/2012	None	
842	5/1/2010	+/- 6 Months	UNK	UNK	Male	Not Contracepted	Hatch	MUNDOMARI	1570	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0167	11/7/2012	None	
843	5/1/2010	+/- 6 Months	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	1552	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0168	11/7/2012	None	
844	5/1/2010	+/- 6 Months	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	1568	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0169	11/7/2012	None	

845	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1551	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0171	11/7/2012	None	
846	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1321	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0172	11/7/2012	None	
847	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1569	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0174	11/7/2012	None	
848	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1571	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0175	11/7/2012	None	
849	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1320	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0176	11/7/2012	None	

Totals: 24.19.0 (43)

SEAWLD TX - Sea World San Antonio, San Antonio, TX, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
575	5/31/1998	None	435	223	Male	Not Contracepted	Hatch	AURORA	MG7515	5/31/1998	None	KERMIT
							Transfer	SEA WORLD	MG7515	10/15/1998	None	
							Transfer	AURORA	MG7515	4/16/2000	None	
							Transfer	SEAWLD TX	MG7515	2/7/2001	None	
632	5/4/2002	None	430	411	Female	Not Contracepted	Hatch	SEA WORLD	MG0110	5/4/2002	None	Maggie
							Transfer	SEAWLD TX	MG0110	5/13/2009	None	

679	5/8/2004	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0123	5/8/2004	None	Jordan
							Transfer	SEAWLD TX	MG0123	2/14/2007	None	
711	12/6/2005	None	551	496	Female	Not Contracepted	Hatch	ORLANDO	MG2514	12/6/2005	None	Yoshi
							Transfer	SEAWLD TX	mg2514	4/3/2009	None	
741	5/24/2007	None	594	600	Male	Not Contracepted	Hatch	SEA WORLD	MG0145	5/24/2007	None	Ferdi
							Transfer	SEAWLD TX	MG0145	5/13/2009	None	

Totals: 3.2.0 (5)

SHEDD AQ - John G. Shedd Aquarium, Chicago, IL, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
517	5/5/1995	None	405	446	Female	Not Contracepted	Hatch	SEA WORLD	MG0091	5/5/1995	None	
							Transfer	SACRAMNTO	201653	1/21/2008	None	
							Transfer	SEA WORLD	MG0091	2/1/2008	None	
							Transfer	SHEDD AQ	3985	5/8/2009	None	
533	5/14/1996	None	435	223	Male	Not Contracepted	Hatch	SEA WORLD	MG0102	5/14/1996	None	
							Transfer	SACRAMNTO	201654	1/21/2008	None	
							Transfer	SEA WORLD	MG0102	7/8/2008	None	
							Transfer	SHEDD AQ	3951	5/8/2009	None	
594	5/31/1999	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG7524	5/31/1999	None	AUSTIN
							Transfer	SEAWLD TX	MG7524	2/7/2001	None	
							Transfer	SEA WORLD	MG7524	4/19/2005	None	

							Transfer	SACRAMNTO	201657	1/21/2008	None	
							Transfer	SEA WORLD	MG7524	7/8/2008	None	
							Transfer	SHEDD AQ	3946	5/7/2009	None	
600	5/13/2000	None	533	517	Female	Not Contracepted	Hatch	SEA WORLD	MG0109	5/13/2000	None	
							Transfer	SHEDD AQ	4080	5/7/2009	None	
637	5/12/2002	None	494	591	Male	Not Contracepted	Hatch	SEA WORLD	MG0113	5/12/2002	None	Humphrey
							Transfer	AURORA	MG0113	12/10/2002	None	
							Transfer	SEA WORLD	MG0113	6/5/2004	None	
							Transfer	SEAWLD TX	MG0113	2/12/2005	None	
							Transfer	SHEDD AQ	7203	4/8/2009	None	
640	5/14/2002	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0115	5/14/2002	None	Lily
							Transfer	SEAWLD TX	MG5001	5/14/2003	None	
							Transfer	SEA WORLD	MG0115	5/4/2005	None	
							Transfer	SEAWLD TX	MG5001	2/14/2007	None	
							Transfer	SHEDD AQ	7147	4/8/2009	None	
641	5/14/2002	None	476	485	Male	Not Contracepted	Hatch	SEA WORLD	MG0116	5/14/2002	None	George
							Transfer	SEAWLD TX	MG5002	5/14/2003	None	
							Transfer	SHEDD AQ	7162	4/8/2009	None	
697	5/26/2004	None	494	591	Female	Not Contracepted	Hatch	SEA WORLD	MG0132	5/26/2004	None	
							Transfer	SEAWLD TX	MG0132	3/22/2007	None	
							Transfer	SHEDD AQ	7139	4/8/2009	None	

777	5/16/2009	None	675	660	Female	Not Contracepted	Hatch	SHEDD AQ	4128	5/16/2009	None	401
778	5/19/2009	None	638	714	Female	Not Contracepted	Hatch	SHEDD AQ	4155	5/19/2009	None	402
779	5/22/2009	None	629	591	Female	Not Contracepted	Hatch	SHEDD AQ	4160	5/22/2009	None	406
780	5/22/2009	None	569	581	Female	Not Contracepted	Hatch	SHEDD AQ	4171	5/22/2009	None	405
781	5/23/2009	None	629	591	Female	Not Contracepted	Hatch	SHEDD AQ	5204	5/23/2009	None	407
792	5/9/2010	None	604	628	Female	Not Contracepted	Hatch	SHEDD AQ	3474	5/9/2010	None	408
793	5/12/2010	None	601	657	Female	Not Contracepted	Hatch	SHEDD AQ	3480	5/12/2010	None	409
794	5/13/2010	None	604	628	Female	Not Contracepted	Hatch	SHEDD AQ	3491	5/13/2010	None	410
796	5/16/2010	None	601	657	Male	Not Contracepted	Hatch	SHEDD AQ	3511	5/16/2010	None	412
797	5/18/2010	None	624	716	Female	Not Contracepted	Hatch	SHEDD AQ	3597	5/18/2010	None	413
799	5/20/2010	None	69	665	Male	Not Contracepted	Hatch	SHEDD AQ	3890	5/20/2010	None	415

Totals: 7.12.0 (19)

ST LOUIS - Saint Louis Zoological Park, St. Louis, MO, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
644	5/16/2002	None	538	347	Female	Not Contracepted	Hatch	JOHN BALL	302607	5/16/2002	None	SHADOW

							Transfer	ST LOUIS	102188	3/2/2003	None	
645	5/18/2002	None	538	347	Male	Not Contracepted	Hatch	JOHN BALL	302608	5/18/2002	None	FIDGET
							Transfer	ST LOUIS	102189	3/2/2003	None	
744	6/1/2007	None	535	87	Male	Not Contracepted	Hatch	JOHN BALL	303206	6/1/2007	None	
							Transfer	ST LOUIS	106613	5/29/2008	None	
745	6/8/2007	None	476	485	Male	Not Contracepted	Hatch	JOHN BALL	303215	6/8/2007	None	
							Transfer	ST LOUIS	106611	5/29/2008	None	
746	6/14/2007	None	476	485	Male	Not Contracepted	Hatch	JOHN BALL	303222	6/14/2007	None	
							Transfer	ST LOUIS	106612	5/29/2008	None	

Totals: 4.1.0 (5)

TACOMA - Point Defiance Zoo & Aquarium, Tacoma, WA, USA

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.	House Name
691	5/22/2004	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T04P01	5/22/2004	None	
703	5/13/2005	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T05P01	5/13/2005	None	
717	5/22/2006	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T06P01	5/22/2006	None	
774	5/5/2009	None	583	346	Female	Not Contracepted	Hatch	DES MOINE	2068	5/5/2009	None	
							Transfer	TACOMA	T10P01	5/13/2010	None	

808	12/1/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown	
							Transfer	MONTERYAQ	3	3/7/2011	Month	
							Transfer	TACOMA	T11P01	4/8/2011	None	
809	12/1/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown	
							Transfer	MONTERYAQ	8	3/7/2011	Month	
							Transfer	TACOMA	T11P02	4/8/2011	None	
810	12/1/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown	
							Transfer	MONTERYAQ	12	3/7/2011	Month	
							Transfer	TACOMA	T11P03	4/8/2011	None	
811	12/1/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	None	
							Transfer	MONTERYAQ	6	3/7/2011	Month	
							Transfer	TACOMA	T11P04	4/8/2011	None	

Totals: 4.4.0 (8)

TOTALS: 134.104.6 (244)

STUDBOOK REPORT

MAGELLANIC PENGUIN Studbook
SPHENISCUS MAGELLANICUS
North American regional Studbook
Historical Data 1912-2013
Studbook data current as of 10/10/13/2013

Compiled by
Nancy Gonzalez
ngonzalez@wcs.org

PopLink Version: 2.4

303.262.299 (864) at 28 Institutions

Studbook ID	Hatch Date	Hatch Date Est.	Sire	Dam	Sex	Reproductive	Event	Location	Local ID	Date	Date Est.
1	1/1/1912	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	1/1/1912	Unknown
							Transfer	PHILADELPHIA	21248	9/19/1912	None
							Death	PHILADELPHIA	FHDC	12/23/1915	None
2	1/1/1912	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	1/1/1912	Unknown

							Transfer	PHILADELPHIA	21249	9/19/1912	None
							Death	PHILADELPHIA	FHDC	8/15/1913	None
3	1/1/1947	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	1/1/1947	Unknown
							Transfer	PHILADELPHIA	21250	5/13/1947	None
							Death	PHILADELPHIA	NHXX	8/18/1947	None
4	1/1/1947	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	1/1/1947	Unknown
							Transfer	PHILADELPHIA	21251	12/27/1947	None
							Death	PHILADELPHIA	NHXX	8/4/1948	None
5	1/1/1948	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	1/1/1948	Unknown
							Transfer	PHILADELPHIA	21252	4/16/1948	None
							Death	PHILADELPHIA	NHXX	8/20/1948	None
6	1/1/1948	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	1/1/1948	Unknown
							Transfer	PHILADELPHIA	21253	4/16/1948	None
							Death	PHILADELPHIA	FHAC	4/9/1949	None
7	1/1/1949	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	1/1/1949	Unknown
							Transfer	PHILADELPHIA	21254	4/19/1949	None
							Death	PHILADELPHIA	FHAC	7/5/1949	None
8	1/1/1949	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	WILD	NONE	1/1/1949	Unknown
							Transfer	PHILADELPHIA	21255	4/19/1949	None
							Death	PHILADELPHIA	NHXX	7/25/1949	None

9	1/1/1970	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1970	Unknown
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1A	4/15/1971	None
							Death	COLO SPRG	NHN	4/28/1971	None
10	1/1/1970	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1970	Unknown
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1B	4/15/1971	None
							Death	COLO SPRG	FHXX	6/15/1971	None
11	1/1/1971	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1971	Unknown
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1D	4/15/1971	None
							Death	COLO SPRG	FHDC	2/23/1972	None
12	1/1/1971	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1971	Unknown
							Transfer	SOUTHWICK	_____	3/1/1971	Unknown
							Transfer	COLO SPRG	1E	4/15/1971	None
							Death	COLO SPRG	NHN	4/1/1972	None
13	1/1/1971	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1971	Year
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1F	4/15/1971	None
							Death	COLO SPRG	NHXX	4/7/1972	None
14	1/1/1971	Unknown	WILD	WILD	Unknown	Not	Wild	UNKNOWN	NONE	1/1/1971	Unknown

						Contracepted	Capture				
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1G	4/15/1971	None
							Death	COLO SPRG	NHN	5/27/1972	None
15	1/1/1971	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1971	Unknown
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1H	4/15/1971	None
							Death	COLO SPRG	NHXX	8/23/1972	None
16	1/1/1971	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1971	Unknown
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	II	4/15/1971	None
							Death	COLO SPRG	FHAF	9/9/1972	None
17	1/1/1971	Unknown	WILD	WILD	Unknown	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1971	Unknown
							Transfer	SOUTHWICK	_____	1/1/1971	Unknown
							Transfer	COLO SPRG	1J	4/15/1971	None
							Death	COLO SPRG	FHGF	11/17/1972	None
18	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284034	5/11/1984	None
							Death	SAN FRAN	NAXX	4/17/1989	None
19	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year

							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284036	5/11/1984	None
							Death	SAN FRAN	284036	4/30/2009	None
20	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284037	5/11/1984	None
							Death	SAN FRAN	FIDC	10/28/2001	None
21	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284038	5/11/1984	None
							Death	SAN FRAN	NHXX	7/5/1984	None
22	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284039	5/11/1984	None
							Death	SAN FRAN	NHXX	6/6/1989	None
23	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284040	5/11/1984	None
							Death	SAN FRAN	NHXX	6/2/1985	None
24	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year

							Transfer	SAN FRAN	284041	5/11/1984	None
							Death	SAN FRAN	NHXX	5/16/1989	None
25	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284042	5/11/1984	None
							Death	SAN FRAN	NHXX	6/12/1988	None
26	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284043	5/11/1984	None
							Death	SAN FRAN	NAN	2/12/2001	None
27	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284044	5/11/1984	None
							Death	SAN FRAN	NAFG	10/14/2000	None
28	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284045	5/11/1984	None
							Death	SAN FRAN	NHXX	8/5/1989	None
29	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284046	5/11/1984	None

							Death	SAN FRAN	NAAB	4/11/2005	None
30	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284047	5/11/1984	None
							Death	SAN FRAN	NHXX	3/5/1990	None
31	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284048	5/11/1984	None
							Death	SAN FRAN	NHXX	2/5/1987	None
32	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284049	5/11/1984	None
							Death	SAN FRAN	NAAB	3/20/2005	None
33	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284050	5/11/1984	None
							Death	SAN FRAN	NHXX	11/17/1989	None
34	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284051	5/11/1984	None
							Death	SAN FRAN	NHXX	5/8/1989	None

35	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284052	5/11/1984	None
							Death	SAN FRAN	NHXX	11/28/1984	None
36	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284053	5/11/1984	None
							Death	SAN FRAN	NAAJ	8/6/1999	None
37	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284054	5/11/1984	None
							Death	SAN FRAN	NAXX	4/26/2005	None
38	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284055	5/11/1984	None
							Death	SAN FRAN	NHXX	5/6/1993	None
39	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284056	5/11/1984	None
							Death	SAN FRAN	AIDC	11/30/2001	None
40	1/1/1981	Year	WILD	WILD	Female	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284057	5/11/1984	None
							Death	SAN FRAN	NHN	7/14/1986	None
41	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	None
							Transfer	SAN FRAN	284058	5/11/1984	None
							Death	SAN FRAN	NHXX	5/5/1986	None
42	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284059	5/11/1984	None
							Death	SAN FRAN	NHXX	2/6/1985	None
43	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284060	5/11/1984	None
							Death	SAN FRAN	NHXX	6/3/1989	None
44	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284061	5/11/1984	None
							Death	SAN FRAN	FADC	4/29/1989	None
45	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year

							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284062	5/11/1984	None
							Death	SAN FRAN	NHXX	9/27/1984	None
46	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284063	5/11/1984	None
							Death	SAN FRAN	NAGK	12/30/1991	None
47	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284064	5/11/1984	None
							Death	SAN FRAN	NHXX	8/1/2003	Day
48	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284065	5/11/1984	None
							Death	SAN FRAN	NHXX	1/11/1988	None
49	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	SAN FRAN	284066	5/11/1984	None
							Death	SAN FRAN	NHXX	1/10/1988	None
50	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year

							Transfer	SAN FRAN	284067	5/11/1984	None
							Death	SAN FRAN	NAXX	2/27/1992	None
51	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284068	5/11/1984	None
							Death	SAN FRAN	NAXX	1/7/1986	None
52	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284069	5/11/1984	None
							Death	SAN FRAN	NAXX	4/12/1989	None
53	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284070	5/11/1984	None
							Death	SAN FRAN	NAXX	8/8/1986	None
54	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284071	5/11/1984	None
							Death	SAN FRAN	NAXX	6/12/1988	None
55	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284072	5/11/1984	None

							Death	SAN FRAN	FADC	5/14/1989	None
56	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284073	5/11/1984	None
							Death	SAN FRAN	NACN	3/24/2005	None
57	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284074	5/11/1984	None
							Death	SAN FRAN	NHXX	8/1/2003	Day
58	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284075	5/11/1984	None
							Death	SAN FRAN	NAXX	1/1/1987	None
59	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284076	5/11/1984	None
							Death	SAN FRAN	NAXX	7/18/1994	None
60	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284077	5/11/1984	None
							Death	SAN FRAN	NAXX	2/22/1988	None

61	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284078	5/11/1984	None
							Death	SAN FRAN	NAXX	6/14/1994	None
62	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284079	5/11/1984	None
							Death	SAN FRAN	NAXX	1/23/1986	None
63	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284080	5/11/1984	None
							Death	SAN FRAN	NAXX	1/19/1986	None
64	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284081	5/11/1984	None
							Death	SAN FRAN	NAXX	6/28/1986	None
65	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284082	5/11/1984	None
							Death	SAN FRAN	NAXX	5/31/1989	None
66	1/1/1981	Year	WILD	WILD	Male	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284083	5/31/1984	None
							Death	SAN FRAN	NAXX	8/19/1989	None
67	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284084	5/11/1984	None
							Death	SAN FRAN	NAXX	5/14/1989	None
68	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284085	5/11/1984	None
							Death	SAN FRAN	NAXX	8/13/1986	None
69	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284086	5/11/1984	None
70	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284087	5/11/1984	None
							Death	SAN FRAN	NAXX	9/20/1992	None
71	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year

							Transfer	SAN FRAN	284088	5/11/1984	None
							Death	SAN FRAN	FHFG	7/30/1998	None
72	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	284035	5/11/1984	None
							Death	SAN FRAN	NAY	4/14/2005	None
73	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204001	4/20/1984	None
							Death	JOHN BALL	FAAB	12/26/1985	None
74	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204002	4/20/1984	None
							Death	JOHN BALL	FADC	5/8/1984	None
75	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204003	4/20/1984	None
							Death	JOHN BALL	FAAX	6/25/1984	None
76	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204004	4/20/1984	None

77	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204005	4/20/1984	None
							Transfer	SHEDD AQ	040300	4/2/1991	None
							Transfer	AURORA	MG7533	4/6/2001	None
							Death	AURORA	NHXX	5/1/2002	None
78	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204006	4/20/1984	None
							Death	JOHN BALL	FEDC	12/1/1994	None
79	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Month
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204007	4/20/1984	None
							Death	JOHN BALL	FAAB	1/23/1985	None
80	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204008	4/20/1984	None
							Death	JOHN BALL	NHAO	1/16/2004	None
81	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204009	4/20/1984	None

							Death	JOHN BALL	204009	6/6/2010	None
82	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204010	4/20/1984	None
							Death	JOHN BALL	FAAB	1/11/1985	None
83	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204011	4/20/1984	None
							Death	JOHN BALL	FAAB	5/27/1984	None
84	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	JOHN BALL	204012	4/20/1984	None
							Death	JOHN BALL	FAAB	12/5/1985	None
85	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204013	6/11/1984	None
							Death	JOHN BALL	FBDC	3/20/1995	None
86	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None

							Transfer	JOHN BALL	204014	6/11/1984	None
							Death	JOHN BALL	FADC	5/5/1995	None
87	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204015	6/11/1984	None
88	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204016	6/11/1984	None
							Death	JOHN BALL	FAAB	9/13/1984	None
89	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204017	6/11/1984	None
							Death	JOHN BALL	FAAB	12/18/1985	None
90	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204018	6/11/1984	None
							Death	JOHN BALL	FAAB	5/4/1985	None
91	1/1/1981	Year	WILD	WILD	Male	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204019	6/11/1984	None
							Transfer	NY BRONX	912032	3/18/1991	None
							Death	NY BRONX	NHXX	6/25/1991	None
92	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	SAN FRAN	_____	5/11/1984	None
							Transfer	JOHN BALL	204020	6/11/1984	None
							Death	JOHN BALL	FAAB	11/27/2000	None
93	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	AS-08	6/2/1984	None
							Transfer	JOHN BALL	204022	4/26/1985	None
							Death	JOHN BALL	FAAB	11/2/1985	None
94	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	AS-9	6/2/1984	None
							Transfer	JOHN BALL	204023	4/26/1985	None
							Death	JOHN BALL	FAAB	10/2/1985	None
95	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year

							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3010	5/11/1984	None
							Death	CINCINNAT	FIDC	7/30/1984	None
96	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3011	5/11/1984	None
							Death	CINCINNAT	FIDC	8/27/1984	None
97	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Month
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3012	5/11/1984	None
							Death	CINCINNAT	FIAB	8/28/1984	None
98	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3013	5/11/1984	None
							Death	CINCINNAT	FIGO	9/30/1984	None
99	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3014	5/11/1984	None
							Death	CINCINNAT	FIGO	10/6/1984	None
100	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year

							Transfer	CINCINNAT	B3015	5/11/1984	None
							Death	CINCINNAT	FIGO	6/6/1985	None
101	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3016	5/11/1984	None
							Death	CINCINNAT	FIDC	4/3/1985	None
102	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3017	5/11/1984	None
							Death	CINCINNAT	FIGO	8/11/1985	None
103	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3018	5/11/1984	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Go LTF	LISBOA AQ	_____	11/20/1997	None
104	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3019	5/11/1984	None
							Death	CINCINNAT	NIGL	4/4/1985	None
105	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year

							Transfer	CINCINNAT	B3020	5/11/1984	None
							Death	CINCINNAT	NIJJ	11/2/1989	None
106	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3021	5/11/1984	None
							Death	CINCINNAT	FIGO	6/29/1985	None
107	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3022	5/11/1984	None
							Death	CINCINNAT	AICB	11/12/1984	None
108	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3023	5/11/1984	None
							Death	CINCINNAT	NIBO	3/6/1985	None
109	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3024	5/11/1984	None
							Death	CINCINNAT	HIGO	2/1/1985	None
110	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3025	5/11/1984	None

							Death	CINCINNAT	NIBO	3/8/1985	None
111	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3026	5/11/1984	None
							Death	CINCINNAT	NIXX	2/18/1985	None
112	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3027	5/11/1984	None
							Death	CINCINNAT	FIGO	9/5/1985	None
113	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3028	5/11/1984	None
							Death	CINCINNAT	FIDC	5/30/1996	None
114	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3029	5/11/1984	None
							Death	CINCINNAT	NIDC	2/6/1985	None
115	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3030	5/11/1984	None
							Death	CINCINNAT	FIGO	7/25/1985	None

116	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3031	5/11/1984	None
							Death	CINCINNAT	MIBP	3/7/1985	None
117	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3032	5/11/1984	None
							Death	CINCINNAT	NIGO	2/21/1985	None
118	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3033	5/11/1984	None
							Death	CINCINNAT	NHXX	8/14/1986	None
119	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3034	5/11/1984	None
							Death	CINCINNAT	NIEO	3/6/1985	None
120	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3035	5/11/1984	None
							Death	CINCINNAT	NHXX	12/12/1985	None
121	1/1/1981	Year	WILD	WILD	Male	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3036	5/11/1984	None
							Death	CINCINNAT	NICX	3/2/1997	None
122	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3037	5/11/1984	None
							Death	CINCINNAT	AIGO	6/6/1985	None
123	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3038	5/11/1984	None
							Death	CINCINNAT	FAEL	11/15/1991	None
124	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3039	5/11/1984	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Go LTF	LISBOA AQ	_____	11/20/1997	None
125	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3040	5/11/1984	None
							Death	CINCINNAT	HIGO	1/17/1985	None
126	1/1/1981	Year	WILD	WILD	Unknown	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3041	5/11/1984	None
							Death	CINCINNAT	NIBO	3/6/1985	None
127	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3042	5/11/1984	None
							Death	CINCINNAT	NHXX	9/4/1985	None
128	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3044	5/11/1984	None
							Death	CINCINNAT	FIGO	7/31/1985	None
129	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3045	5/11/1984	None
							Death	CINCINNAT	FIGO	6/9/1985	None
130	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3046	5/11/1984	None
							Death	CINCINNAT	NIAX	1/14/1989	None
131	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year

							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3047	5/11/1984	None
							Death	CINCINNAT	FBFC	10/17/1989	None
132	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3048	5/11/1984	None
							Death	CINCINNAT	NIGO	3/4/1985	None
133	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3049	5/11/1984	None
							Death	CINCINNAT	FIGO	4/29/1985	None
134	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3050	5/11/1984	None
							Death	CINCINNAT	FIDC	6/11/1984	None
135	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3052	5/11/1984	None
							Death	CINCINNAT	FIAB	5/11/1984	None
136	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	FERNDALE	NONE	1/1/1984	Year
							Transfer	CINCINNAT	B3053	5/11/1984	None

							Death	CHILE	FICB	11/11/1984	None
137	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3054	5/11/1984	None
							Death	CINCINNAT	FIAO	11/12/1984	None
138	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3055	5/11/1984	None
							Death	CINCINNAT	AICB	11/15/1984	None
139	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3056	5/11/1984	None
							Death	CINCINNAT	FIAO	11/20/1984	None
140	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3057	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
141	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year

							Transfer	CINCINNAT	B3058	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
142	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3059	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
143	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3060	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
144	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3061	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
145	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year

							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3062	5/11/1984	None
							Transfer	NEWTON W		1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
146	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3063	5/11/1984	None
							Transfer	NEWTON W		1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
147	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3064	5/11/1984	None
							Transfer	NEWTON W		1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
148	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE		1/1/1984	Year
							Transfer	CINCINNAT	B3065	5/11/1984	None
							Transfer	NEWTON W		1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
149	1/1/1981	Year	WILD	WILD	Unknown	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3066	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
150	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3067	5/11/1984	None
							Transfer	NEWTON W	_____	1/16/1985	None
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
151	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	CINCINNAT	B3068	5/11/1984	None
							Death	CINCINNAT	NBN	1/16/1985	None
152	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL013	6/2/1984	None
							Death	COLO SPRG	FADC	6/12/1984	None
153	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year

							Transfer	COLO SPRG	DL014	6/2/1984	None
							Death	COLO SPRG	FADC	6/20/1984	None
154	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL015	6/2/1984	None
							Death	COLO SPRG	FADC	6/20/1984	None
155	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL016	6/2/1984	None
							Death	COLO SPRG	FADC	6/21/1984	None
156	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL017	6/2/1984	None
							Death	COLO SPRG	FIDC	6/16/1984	None
157	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL019	6/2/1984	None
							Death	COLO SPRG	FADC	6/18/1984	None
158	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL020	6/2/1984	None

							Death	COLO SPRG	FADC	6/15/1984	None
159	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL021	6/2/1984	None
							Death	COLO SPRG	FAAG	7/10/1984	None
160	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL022	6/2/1984	None
							Death	COLO SPRG	FADF	6/13/1984	None
161	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL024	6/2/1984	None
							Death	COLO SPRG	FADC	6/21/1984	None
162	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL025	6/2/1984	None
							Death	COLO SPRG	FADC	6/18/1984	None
163	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL026	6/2/1984	None
							Death	COLO SPRG	FADC	6/25/1984	None

164	1/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL028	6/2/1984	None
							Death	COLO SPRG	FADC	6/13/1984	None
165	1/1/1981	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL029	6/2/1984	None
							Death	COLO SPRG	FADC	6/28/1984	None
166	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL030	6/2/1984	None
							Death	COLO SPRG	FAGG	7/2/1984	None
167	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL031	6/2/1984	None
							Death	COLO SPRG	FADC	6/20/1984	None
168	1/1/1981	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL032	6/2/1984	None
							Death	COLO SPRG	FADC	6/20/1984	None
169	1/1/1981	Year	WILD	WILD	Male	Not	Wild	CHILE	NONE	1/1/1984	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	DL033	6/2/1984	None
							Death	COLO SPRG	FADC	6/15/1984	None
170	11/1/1981	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1984	Year
							Transfer	FERNDALE	_____	1/1/1984	Year
							Transfer	COLO SPRG	AS-7	6/2/1984	None
							Transfer	JOHN BALL	204021	4/26/1985	Day
							Death	JOHN BALL	FAAB	9/6/1985	None
171	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1128	4/30/1986	None
							Death	LANSING	NHXX	8/25/1986	None
172	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1129	4/30/1986	None
							Death	LANSING	NHXX	1/1/1991	None
173	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1130	4/20/1986	None
							Death	LANSING	NHXX	10/12/1991	None
174	1/1/1983	Year	WILD	WILD	Unknown	Not	Wild	CHILE	NONE	1/1/1986	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1131	4/30/1986	None
							Death	LANSING	NHXX	7/8/1986	None
175	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1132	4/30/1986	None
							Death	LANSING	AHN	10/22/1998	None
176	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1133	4/30/1986	None
							Death	LANSING	NHXX	10/28/1986	None
177	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1116	4/30/1986	None
							Death	LANSING	FADB	10/10/1998	None
178	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1117	4/30/1986	None
							Death	LANSING	NHXX	8/2/1987	None
179	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year

							Transfer	FERNDALE		1/1/1986	Year
							Transfer	LANSING	1118	4/30/1986	None
							Death	LANSING	NHXX	9/1/1986	None
180	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE		1/1/1986	Year
							Transfer	LANSING	1119	4/30/1986	None
							Death	LANSING	NHXX	5/6/1986	None
181	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE		1/1/1986	Year
							Transfer	LANSING	1120	4/30/1986	None
							Death	LANSING	KHXX	10/23/2000	None
182	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE		1/1/1986	Year
							Transfer	LANSING	1121	4/30/1986	None
							Death	LANSING	NHXX	6/19/1986	None
183	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE		1/1/1986	Year
							Transfer	LANSING	1122	4/30/1986	None
							Death	LANSING	NHXX	7/18/1986	None
184	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE		1/1/1986	Year

							Transfer	LANSING	1123	4/30/1986	None
							Death	LANSING	NHXX	11/12/1986	None
185	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1124	4/30/1986	None
							Death	LANSING	NHXX	8/7/1988	None
186	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	WILD	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1125	4/30/1986	None
							Death	LANSING	NHXX	8/4/1987	None
187	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1126	4/30/1986	None
							Death	LANSING	NHXX	8/5/1986	None
188	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	LANSING	1127	4/30/1986	None
							Death	LANSING	NHXX	8/21/1997	None
189	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Unknown
							Transfer	FERNDALE	_____	1/1/1986	Month
							Transfer	RAPID CIT	_____	4/1/1986	None

							Transfer	FERNDALE	49420	10/31/1996	None
							Transfer	SIOUX FAL	1951	11/1/1996	None
							Death	SIOUX FAL	FAAC	4/7/1997	None
190	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Unknown
							Transfer	FERNDALE	_____	1/1/1986	Unknown
							Transfer	RAPID CIT	_____	1/1/1986	Month
							Transfer	FERNDALE	49418	10/31/1996	None
							Transfer	SIOUX FAL	1952	11/1/1996	None
							Transfer	WATERTNSD	_____	5/6/1997	None
							Transfer	DULUTH	200022	11/24/1997	None
							Death	DULUTH	AADC	7/31/2000	None
							Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
191	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Transfer	DES MOINE	219	4/26/1986	None
							Death	DES MOINE	FIAC	7/4/1986	None
							Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
192	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Transfer	DES MOINE	220	4/26/1986	None
							Death	DES MOINE	FCAG	8/28/1986	None
							Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	S504WO	1/1/1986	Year
193	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Transfer	DES MOINE	221	4/26/1986	None
							Death	DES MOINE	FCAG	8/28/1986	None
							Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	221	4/26/1986	None

							Death	DES MOINE	FIAC	7/24/1986	None
194	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	222	4/26/1986	None
							Death	DES MOINE	FIAG	7/3/1986	None
195	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	223	4/26/1986	None
							Death	DES MOINE	FIAC	6/27/1986	None
196	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	224	4/26/1986	None
							Death	DES MOINE	FIAG	7/19/1986	None
197	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	225	4/26/1986	None
							Death	DES MOINE	FIDC	12/17/1987	None
198	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	226	4/26/1986	None
							Death	DES MOINE	FIDB	10/26/1987	None

199	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	227	4/26/1986	None
							Death	DES MOINE	FIAC	7/16/1987	None
200	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	228	4/26/1986	None
							Death	DES MOINE	FIAC	7/4/1987	None
201	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	229	4/26/1986	None
							Death	DES MOINE	FIAC	9/13/1986	None
202	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	230	4/26/1986	None
							Death	DES MOINE	FIAC	6/15/1986	None
203	1/1/1983	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	231	4/26/1986	None
							Death	DES MOINE	FIAC	11/2/1987	None
204	1/1/1983	Year	WILD	WILD	Female	Not	Wild	CHILE	NONE	1/1/1986	Year

						Contracepted	Capture				
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	232	4/26/1986	None
							Death	DES MOINE	FIAC	8/1/1986	None
205	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	233	4/26/1986	None
							Death	DES MOINE	FIAG	7/1/1986	None
206	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	234	4/26/1986	None
							Death	DES MOINE	FIAC	8/3/1986	None
207	1/1/1983	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	_____	1/1/1986	Year
							Transfer	DES MOINE	235	4/26/1986	None
							Death	DES MOINE	FIAG	7/26/1986	None
208	1/1/1983	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1986	Year
							Transfer	FERNDALE	S504W0	1/1/1986	Year
							Transfer	DES MOINE	236	4/26/1986	None
							Death	DES MOINE	FIAC	9/1/1986	None
209	1/1/1984	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	UNKNOWN	NONE	1/1/1984	Unknown

							Transfer	WEBB B		1/1/1984	Unknown
							Transfer	SEA WORLD	MG0038	1/5/1985	None
							Death	SEA WORLD	NHXX	11/1/1990	None
210	1/1/1984	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	WILD	NONE	1/1/1984	Unknown
							Transfer	WEBB B		1/1/1985	Unknown
							Transfer	SEA WORLD	MG0039	1/5/1985	None
							Death	SEA WORLD	NHXX	1/9/1992	None
							Hatch	SEA WORLD	MG0001	11/16/1984	None
							Death	SEA WORLD	NHN	11/23/1992	None
211	11/16/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0004	11/17/1984	None
							Transfer	TACOMA	89AM01	5/30/1989	None
							Death	TACOMA	LEIN	8/22/1991	None
							Hatch	SEA WORLD	MG0002	11/19/1984	None
212	11/17/1984	None	WILD	WILD	Female	Not Contracepted	Death	SEA WORLD	NHXX	6/23/1989	None
							Hatch	SEA WORLD	MG0003	11/20/1984	None
							Transfer	AURORA	MG0003	5/4/1996	None
							Transfer	SEA WORLD	MG0003	2/18/2001	None
							Transfer	JOHN BALL	302691	12/12/2002	None
213	11/19/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0005	11/21/1984	None
							Death	SEA WORLD	NHXX	3/23/1991	None
214	11/20/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0006	11/21/1984	None
							Transfer	AURORA	MG0003	5/4/1996	None
							Transfer	SEA WORLD	MG0003	2/18/2001	None
							Transfer	JOHN BALL	302691	12/12/2002	None
215	11/21/1984	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0005	11/21/1984	None
							Death	SEA WORLD	NHXX	3/23/1991	None

216	11/21/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0006	11/21/1984	None
							Death	SEA WORLD	NHXX	11/4/1995	None
217	11/21/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0007	11/21/1984	None
							Transfer	AURORA	MG0007	5/4/1996	None
							Transfer	SEA WORLD	MG0007	2/18/2001	None
							Transfer	AURORA	MG0007	12/10/2002	None
							Transfer	SEA WORLD	MG0007	6/5/2004	None
218	11/21/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0008	11/21/1984	None
							Death	SEA WORLD	NHXX	6/9/1991	None
219	11/23/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0009	11/23/1984	None
							Transfer	TACOMA	89AM02	5/30/1989	None
							Death	TACOMA	FHDC	8/22/1989	None
220	11/23/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0010	11/23/1984	None
							Transfer	TACOMA	89AM03	5/30/1989	None
							Death	TACOMA	NHN	8/7/1990	None
221	11/23/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0011	11/23/1984	None
							Transfer	AURORA	MG0011	5/4/1996	None
							Death	AURORA	NIXX	7/20/1999	None
222	11/23/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0012	11/23/1984	None
							Death	SEA WORLD	NHXX	8/23/1991	None

223	11/23/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0026	11/23/1984	None
							Transfer	AURORA	MG0026	5/4/1996	None
							Transfer	SEA WORLD	MG0026	2/18/2001	None
							Death	SEA WORLD	NHXX	10/21/2001	None
224	11/24/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0013	11/24/1984	None
							Transfer	TACOMA	89AM04	5/30/1989	None
							Death	TACOMA	FHDJ	9/7/1989	None
225	11/24/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0014	11/24/1984	None
							Transfer	AURORA	MG0014	5/4/1996	None
							Transfer	SEA WORLD	MG0014	2/18/2001	None
							Death	SEA WORLD	MG0014	3/23/2007	None
226	11/24/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0015	11/24/1984	None
							Death	SEA WORLD	MG0015	7/26/2011	None
227	11/24/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0016	11/24/1984	None
							Death	SEA WORLD	NHXX	9/30/1993	None
228	11/24/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0017	11/24/1984	None
							Transfer	TACOMA	89AM05	5/31/1989	None
							Death	TACOMA	FADX	9/13/1992	None
229	11/24/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0018	11/24/1984	None
							Death	SEA WORLD	NHXX	9/22/1989	None

230	11/24/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0019	11/24/1984	None
							Death	SEA WORLD	NHXX	10/27/1995	None
231	11/25/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0020	11/25/1984	None
							Transfer	TACOMA	89AM06	5/30/1989	None
							Transfer	TACOMA	89AM06	7/30/1996	None
							Death	TACOMA	NHXX	7/28/2006	None
232	11/25/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0021	11/25/1984	None
							Transfer	AURORA	MG0021	5/4/1996	None
							Transfer	SEA WORLD	MG0021	2/18/2001	None
							Transfer	JOHN BALL	302684	12/12/2002	None
233	11/26/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0023	11/26/1984	None
							Transfer	TACOMA	89AM07	5/30/1989	None
							Transfer	TACOMA	89AM07	5/3/1996	None
							Death	TACOMA	89AM07	4/2/2007	None
234	11/26/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0024	11/26/1984	None
							Death	SEA WORLD	NHXX	11/26/1991	None
235	11/26/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0025	11/26/1984	None
							Transfer	TACOMA	89AM08	5/30/1989	None
							Death	TACOMA	NCYX	8/7/1990	None
236	11/27/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0027	11/27/1984	None

							Death	SEA WORLD	NHXX	5/4/1994	None
237	11/27/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0028	11/27/1984	None
							Death	SEA WORLD	NHXX	1/27/1993	None
238	11/27/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0029	11/27/1984	None
							Transfer	TACOMA	89AM09	5/30/1989	None
							Death	TACOMA	NEER	10/4/1994	None
239	11/27/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0030	11/27/1984	None
							Death	SEA WORLD	NHXX	8/20/1990	None
240	12/2/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0031	12/2/1984	None
							Transfer	TACOMA	89AM10	5/30/1989	None
							Transfer	TACOMA	89AM10	7/30/1996	None
							Death	TACOMA	GHAK	7/24/2003	None
241	12/2/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0032	12/2/1984	None
							Transfer	TACOMA	89AM11	5/30/1989	None
							Death	TACOMA	NCAX	9/3/1993	None
242	12/4/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0033	12/4/1984	None
							Transfer	AURORA	MG0033	4/15/2000	None
							Transfer	SEA WORLD	MG0033	2/18/2001	None
							Transfer	AURORA	MG0033	12/9/2002	None
							Death	AURORA	AHXX	7/31/2003	None

243	12/4/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0034	12/4/1984	None
							Death	SEA WORLD	NHXX	6/5/1991	None
244	12/6/1984	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0035	12/6/1984	None
							Transfer	TACOMA	89AM12	5/30/1989	None
							Transfer	TACOMA	89AM12	7/30/1996	None
							Death	TACOMA	89AM12	11/16/2008	None
245	12/7/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0036	12/7/1984	None
							Death	SEA WORLD	NHXX	9/30/1993	None
246	12/7/1984	None	WILD	WILD	Unknown	Not Contracepted	Hatch	AURORA	_____	12/7/1984	None
							Transfer	ORLANDO	MG2500	6/27/1987	None
							Transfer	SEAWLD TX	MG2500	1/23/1992	None
							Transfer	TACOMA	92AM02	4/28/1992	None
							Death	TACOMA	NHY	6/25/1992	None
247	12/7/1984	None	WILD	WILD	Male	Not Contracepted	Hatch	AURORA	_____	12/7/1984	None
							Transfer	ORLANDO	MG2501	6/27/1987	None
							Transfer	SEAWLD TX	MG2501	1/23/1992	None
							Transfer	TACOMA	92AM01	4/28/1992	None
							Transfer	TACOMA	92AM01	5/3/1996	None
							Death	TACOMA	NHXX	8/14/2004	None
248	12/8/1984	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0037	12/8/1984	None

							Death	SEA WORLD	NHXX	10/6/1989	None
249	5/15/1985	None	67	58	Unknown	Not Contracepted	Hatch	SAN FRAN	285033	5/15/1985	None
							Death	SAN FRAN	NAXX	7/6/1989	None
250	5/15/1985	None	37	64	Female	Not Contracepted	Hatch	SAN FRAN	285034	5/15/1985	None
							Death	SAN FRAN	NAXX	5/1/1989	None
251	5/17/1985	None	67	58	Male	Not Contracepted	Hatch	SAN FRAN	285035	5/17/1985	None
							Transfer	DETROIT	1555	7/31/1985	None
							Transfer	LANSING	1135	1/14/1987	None
							Death	LANSING	NHXX	6/11/1993	None
252	5/17/1985	None	37	64	Unknown	Not Contracepted	Hatch	SAN FRAN	285036	5/17/1985	None
							Transfer	DETROIT	1554	7/31/1985	None
							Transfer	LANSING	1134	1/14/1987	None
							Transfer	DULUTH	870006	10/22/1990	None
							Death	DULUTH	FBDB	11/9/1991	None
253	5/17/1985	None	72	65	Male	Not Contracepted	Hatch	SAN FRAN	285037	5/17/1985	None
							Transfer	DES MOINE	399	4/30/1987	None
							Death	DES MOINE	NHN	11/1/2001	Day
254	5/19/1985	None	63	58	Unknown	Not Contracepted	Hatch	SAN FRAN	285038	5/19/1985	None
							Death	SAN FRAN	NAXX	2/26/1986	None
255	5/19/1985	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	285039	5/19/1985	None

							Death	SAN FRAN	NAXX	6/1/1987	None
256	5/19/1985	None	66	29	Unknown	Not Contracepted	Hatch	SAN FRAN	285040	5/19/1985	None
							Death	SAN FRAN	NAXX	6/30/1985	None
257	5/19/1985	None	28	47	Unknown	Not Contracepted	Hatch	SAN FRAN	285041	5/19/1985	None
							Transfer	DES MOINE	400	4/30/1987	None
							Death	DES MOINE	FIAC	7/15/1989	None
258	5/20/1985	None	66	29	Unknown	Not Contracepted	Hatch	SAN FRAN	285042	5/20/1985	None
							Death	SAN FRAN	NAXX	5/25/1985	None
259	5/20/1985	None	72	65	Female	Not Contracepted	Hatch	SAN FRAN	285043	5/20/1985	None
							Death	SAN FRAN	NHN	12/6/1990	None
260	5/21/1985	None	22	18	Unknown	Not Contracepted	Hatch	SAN FRAN	285044	5/21/1985	None
							Transfer	DES MOINE	401	1/1/1986	None
							Death	DES MOINE	FIGB	5/25/1989	None
261	5/22/1985	None	63	58	Unknown	Not Contracepted	Hatch	SAN FRAN	285045	5/22/1985	None
							Transfer	DETROIT	1560	7/31/1985	None
							Transfer	LANSING	1139	1/14/1987	None
							Death	LANSING	NHN	8/24/1988	None
262	5/22/1985	None	28	47	Male	Not Contracepted	Hatch	SAN FRAN	285046	5/22/1985	None
							Transfer	DETROIT	1559	7/31/1985	None
							Death	DETROIT	NAXX	10/5/1985	None

263	5/22/1985	None	46	19	Unknown	Not Contracepted	Hatch	SAN FRAN	285047	5/22/1985	None
							Transfer	DETROIT	1556	7/31/1985	None
							Transfer	LANSING	1136	1/14/1987	None
							Transfer	DULUTH	870005	10/22/1990	None
							Death	DULUTH	FBDB	8/23/1991	None
264	5/22/1985	None	31	62	Male	Not Contracepted	Hatch	SAN FRAN	285048	5/22/1985	None
							Transfer	DETROIT	1558	7/31/1985	None
							Transfer	LANSING	1138	1/14/1987	None
							Death	LANSING	NHN	7/18/1990	None
265	5/22/1985	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	285049	5/22/1985	None
							Transfer	DETROIT	1557	7/31/1985	None
							Transfer	LANSING	1137	1/14/1987	None
							Death	LANSING	NHN	1/23/1989	None
266	5/24/1985	None	22	18	Unknown	Not Contracepted	Hatch	SAN FRAN	285050	5/24/1985	None
							Transfer	DETROIT	1561	7/31/1985	None
							Transfer	LANSING	1140	1/14/1987	None
							Death	LANSING	NHN	7/7/1989	None
267	5/25/1985	None	31	62	Unknown	Not Contracepted	Hatch	SAN FRAN	285051	5/25/1985	None
							Transfer	DETROIT	1562	7/31/1985	None
							Transfer	LANSING	1141	1/14/1987	None
							Death	LANSING	NHN	8/18/1988	None

268	5/26/1985	None	40	26	Unknown	Not Contracepted	Hatch	SAN FRAN	285052	5/26/1985	None
							Death	SAN FRAN	NAXX	4/15/1988	None
269	5/27/1985	None	41	19	Female	Not Contracepted	Hatch	SAN FRAN	285053	5/27/1985	None
							Death	SAN FRAN	AAAP	9/28/1998	None
270	5/29/1985	None	40	26	Unknown	Not Contracepted	Hatch	SAN FRAN	285056	5/29/1985	None
							Death	SAN FRAN	NAXX	5/30/1985	None
271	5/29/1985	None	39	41	Female	Not Contracepted	Hatch	SAN FRAN	285057	5/29/1985	None
							Transfer	DETROIT	1563	7/31/1985	None
							Transfer	LANSING	1142	1/14/1987	None
							Death	LANSING	NHN	12/15/1990	None
272	5/30/1985	None	70	32	Male	Not Contracepted	Hatch	SAN FRAN	285058	5/30/1985	None
							Transfer	DETROIT	1564	7/31/1985	None
							Transfer	LANSING	1143	1/14/1987	None
							Death	LANSING	NHN	10/12/1993	None
273	5/31/1985	None	49	25	Female	Not Contracepted	Hatch	SAN FRAN	285059	5/31/1985	None
							Transfer	DETROIT	1565	7/31/1985	None
							Transfer	LANSING	1144	1/14/1987	None
							Death	LANSING	NHN	12/5/1991	None
274	6/4/1985	None	34	33	Male	Not Contracepted	Hatch	SAN FRAN	285060	6/4/1985	None
							Transfer	NY BRONX	882103	5/4/1988	None

							Transfer	PROSPECTP	882103	2/27/1995	None
							Transfer	NY BRONX	882103	6/18/1995	None
							Transfer	PROSPECTP	882103	11/6/1995	None
							Transfer	NY BRONX	882103	5/6/1996	None
							Death	NY BRONX	NAYX	12/6/1997	None
275	6/11/1985	None	60	57	Unknown	Not Contracepted	Hatch	SAN FRAN	285061	6/11/1985	None
							Death	SAN FRAN	NAXX	12/18/1986	None
276	5/8/1986	None	118	130	Unknown	Not Contracepted	Hatch	CINCINNAT	B3075	5/8/1986	None
							Death	CINCINNAT	NIN	5/17/1986	None
277	5/12/1986	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CINCINNAT	B3076	5/12/1986	None
							Death	CINCINNAT	NIN	5/17/1986	None
278	5/22/1986	None	30	27	Female	Not Contracepted	Hatch	SAN FRAN	286009	5/22/1986	None
							Death	SAN FRAN	NAXX	5/6/1993	None
279	5/22/1986	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	286010	5/22/1986	None
							Transfer	NY BRONX	882104	5/5/1988	None
							Transfer	PROSPECTP	882104	2/27/1995	None
							Transfer	NY BRONX	882104	6/18/1995	None
							Transfer	PROSPECTP	882104	11/6/1995	None
							Transfer	NY BRONX	882104	5/6/1996	None
280	5/22/1986	None	105	124	Unknown	Not Contracepted	Hatch	CINCINNAT	B3077	5/22/1986	None

							Death	CINCINNAT	NEGB	5/28/1986	None
							Hatch	SAN FRAN	286011	5/23/1986	None
281	5/23/1986	None	37	UNK	Unknown	Not Contracepted	Hatch	SAN FRAN	286011	5/23/1986	None
							Transfer	DES MOINE	402	4/30/1987	None
							Death	DES MOINE	NHN	10/31/1989	None
282	5/24/1986	None	30	27	Unknown	Not Contracepted	Hatch	SAN FRAN	286012	5/24/1986	None
							Death	SAN FRAN	NAXX	5/30/1986	None
283	5/25/1986	None	20	36	Unknown	Not Contracepted	Hatch	SAN FRAN	286013	5/25/1986	None
							Transfer	NORTHLAND	_____	9/4/1986	None
							Go LTF	NORTHLAND	_____	9/4/1986	None
284	5/25/1986	None	46	19	Male	Not Contracepted	Hatch	SAN FRAN	286014	5/25/1986	None
							Death	SAN FRAN	FHFG	7/31/1998	None
285	5/25/1986	None	28	47	Unknown	Not Contracepted	Hatch	SAN FRAN	286015	5/25/1986	None
							Transfer	DES MOINE	403	9/4/1986	None
							Death	DES MOINE	FIDB	10/6/1987	None
286	5/26/1986	None	37	64	Male	Not Contracepted	Hatch	SAN FRAN	286016	5/26/1986	None
							Death	SAN FRAN	AADC	4/1/2001	None
287	5/27/1986	None	28	47	Female	Not Contracepted	Hatch	SAN FRAN	286017	5/27/1986	None
							Death	SAN FRAN	NHN	3/16/1996	None
288	5/27/1986	None	67	58	Unknown	Not Contracepted	Hatch	SAN FRAN	286018	5/27/1986	None

							Transfer	HYATT KOL	_____	9/30/1986	None
							Transfer	NEWTON W	_____	1/1/1988	Unknown
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
289	5/28/1986	None	67	58	Unknown	Not Contracepted	Hatch	SAN FRAN	286022	5/28/1986	None
							Death	SAN FRAN	NAXX	6/13/1986	None
290	6/1/1986	None	72	65	Unknown	Not Contracepted	Hatch	SAN FRAN	286028	6/1/1986	None
							Transfer	DES MOINE	404	4/30/1987	None
							Death	DES MOINE	HIEP	10/29/1987	None
291	6/2/1986	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	286029	6/2/1986	None
							Transfer	HYATT KOL	_____	9/30/1986	None
							Transfer	NEWTON W	_____	1/1/1988	Unknown
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
292	6/3/1986	None	22	18	Unknown	Not Contracepted	Hatch	SAN FRAN	286030	6/3/1986	None
							Death	SAN FRAN	NAXX	6/6/1986	None
293	6/5/1986	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	286031	6/5/1986	None
							Transfer	NORTHLAND	_____	9/4/1986	None
							Go LTF	NORTHLAND	_____	9/4/1986	None
294	6/5/1986	None	72	65	Unknown	Not Contracepted	Hatch	SAN FRAN	286032	6/5/1986	None
							Transfer	HYATT KOL	_____	10/30/1986	None

							Transfer	NEWTON W		1/1/1988	Unknown
							Death	NEWTON W	NHN	1/1/1992	+/- 5 Years
295	6/8/1986	None	54	71	Unknown	Not Contracepted	Hatch	SAN FRAN	286037	6/8/1986	None
							Death	SAN FRAN	NAXX	6/10/1986	None
296	5/9/1987	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	287011	5/9/1987	None
							Transfer	NY BRONX	882105	5/4/1988	None
							Transfer	PROSPECTP	882105	2/27/1995	None
							Transfer	NY BRONX	882105	6/18/1995	None
							Transfer	PROSPECTP	882105	11/6/1995	None
							Transfer	NY BRONX	882105	5/6/1996	None
							Death	NY BRONX	NHY	9/1/2004	None
297	5/11/1987	None	46	19	Male	Not Contracepted	Hatch	SAN FRAN	287012	5/11/1987	None
							Transfer	NY BRONX	882106	5/4/1988	None
							Transfer	PROSPECTP	882106	2/27/1995	None
							Transfer	NY BRONX	882106	6/18/1995	None
							Transfer	PROSPECTP	882106	11/6/1995	None
							Transfer	NY BRONX	882106	5/6/1996	None
298	5/12/1987	None	34	33	Unknown	Not Contracepted	Hatch	SAN FRAN	287013	5/12/1987	None
							Death	SAN FRAN	NAXX	3/7/1990	None
299	5/12/1987	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	287014	5/12/1987	None

							Death	SAN FRAN	NHY	9/22/2000	None
300	5/13/1987	None	39	59	Female	Not Contracepted	Hatch	SAN FRAN	287015	5/13/1987	None
301	5/20/1987	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	287016	5/20/1987	None
							Death	SAN FRAN	NAXX	11/3/1987	None
302	5/20/1987	None	37	26	Male	Not Contracepted	Hatch	SAN FRAN	287017	5/20/1987	None
							Death	SAN FRAN	NAAX	6/29/2005	None
303	5/20/1987	None	22	18	Female	Not Contracepted	Hatch	SAN FRAN	287018	5/20/1987	None
							Transfer	NY BRONX	882107	5/4/1988	None
							Death	NY BRONX	FADC	7/15/1989	None
304	5/21/1987	None	28	47	Female	Not Contracepted	Hatch	SAN FRAN	287019	5/21/1987	None
							Transfer	NY BRONX	882108	5/4/1988	None
							Death	NY BRONX	NHN	4/19/1994	None
305	5/21/1987	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	287020	5/21/1987	None
							Death	SAN FRAN	NAXX	11/3/1987	None
306	5/22/1987	None	22	18	Female	Not Contracepted	Hatch	SAN FRAN	287021	5/22/1987	None
							Death	SAN FRAN	287021	2/5/2009	None
307	5/23/1987	None	72	65	Unknown	Not Contracepted	Hatch	SAN FRAN	287022	5/23/1987	None
							Transfer	NY BRONX	882109	5/4/1988	None
							Death	NY BRONX	NHN	7/1/1988	None

308	5/23/1987	None	50	43	Female	Not Contracepted	Hatch	SAN FRAN	287023	5/23/1987	None
							Death	SAN FRAN	NAXX	5/10/1991	None
309	5/23/1987	None	37	26	Male	Not Contracepted	Hatch	SAN FRAN	287024	5/23/1987	None
							Transfer	NY BRONX	882110	5/4/1988	None
							Transfer	CINCINNAT	290232	11/1/1990	None
							Transfer	CINCINNAT	290232	8/21/1992	None
310	5/23/1987	None	28	47	Unknown	Not Contracepted	Hatch	SAN FRAN	287025	5/23/1987	None
							Death	SAN FRAN	NAXX	9/10/1988	None
311	5/27/1987	None	50	43	Male	Not Contracepted	Hatch	SAN FRAN	287026	5/27/1987	None
							Transfer	NY BRONX	882111	5/4/1988	None
							Death	NY BRONX	NHN	1/9/1994	None
312	6/1/1987	None	49	25	Male	Not Contracepted	Hatch	SAN FRAN	287027	6/1/1987	None
							Death	SAN FRAN	NAEG	7/13/1999	None
313	11/27/1987	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG7500	11/27/1987	None
							Transfer	AURORA	MG7500	3/30/1988	None
							Death	AURORA	NHXX	9/16/1990	None
314	11/27/1987	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG7501	11/27/1987	None
							Transfer	AURORA	MG7501	3/30/1988	None
							Death	AURORA	NHAX	7/7/1989	None
315	11/28/1987	None	WILD	WILD	Unknown	Not	Hatch	SEA WORLD	MG7502	11/28/1987	None

						Contracepted					
							Transfer	AURORA	MG7502	3/30/1989	None
							Death	AURORA	NIAC	1/17/1992	None
316	11/29/1987	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG7503	11/29/1987	None
							Transfer	AURORA	MG7503	3/30/1988	None
							Death	AURORA	NIAC	10/29/1990	None
317	12/1/1987	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0040	12/1/1987	None
							Death	SEA WORLD	NHXX	10/13/1994	None
318	12/1/1987	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0041	12/1/1987	None
							Death	SEA WORLD	NHXX	5/12/1992	None
319	12/1/1987	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG7504	12/1/1987	None
							Transfer	AURORA	MG7504	3/30/1988	None
							Death	AURORA	NIAB	10/12/1991	None
320	12/2/1987	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0042	12/2/1987	None
							Death	SEA WORLD	NHXX	5/28/1994	None
321	12/3/1987	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	_____	12/3/1987	None
							Transfer	SEAWLD TX	MG7505	1/1/1992	Year
							Transfer	TACOMA	92AM03	4/28/1992	None
							Transfer	TACOMA	92AM03	5/3/1996	None
							Death	TACOMA	NHN	2/16/2004	None

322	12/4/1987	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	MG0043	12/4/1987	None
							Death	SEA WORLD	NHXX	5/7/1993	None
323	12/4/1987	None	WILD	WILD	Female	Not Contracepted	Hatch	SEA WORLD	UNK-	12/4/1987	None
							Transfer	ORLANDO	MG2502	4/1/1988	None
							Transfer	SEA WORLD	MG2502	4/7/2001	None
							Death	SEA WORLD	NHXX	3/4/2002	None
324	12/5/1987	None	WILD	WILD	Male	Not Contracepted	Hatch	SEA WORLD	MG0044	12/5/1987	None
							Death	SEA WORLD	NHXX	10/12/1994	None
325	12/5/1987	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0045	12/5/1987	None
							Death	SEA WORLD	NHXX	2/3/1991	None
326	12/6/1987	None	WILD	WILD	Unknown	Not Contracepted	Hatch	SEA WORLD	_____	12/6/1987	None
							Transfer	ORLANDO	MG2507	4/1/1988	None
							Death	ORLANDO	FHN	6/7/1990	None
327	1/1/1988	Year	WILD	WILD	Male	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292038	2/15/1992	None
328	1/1/1988	Year	WILD	WILD	Female	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292039	2/15/1992	None
							Death	SAN FRAN	NAXX	6/12/1993	None
329	1/1/1988	Year	WILD	WILD	Male	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year

							Transfer	SAN FRAN	292040	2/15/1992	None
							Death	SAN FRAN	NAGI	3/21/1997	None
330	1/1/1988	Year	WILD	WILD	Female	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292041	2/15/1992	None
331	1/1/1988	Year	WILD	WILD	Female	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292042	2/15/1992	None
							Death	SAN FRAN	NAEN	2/23/2005	None
332	1/1/1988	Year	WILD	WILD	Female	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292043	2/15/1992	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None
333	1/1/1988	Year	WILD	WILD	Unknown	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292044	2/15/1992	None
							Death	SAN FRAN	NAXX	5/6/1993	None
334	1/1/1988	Year	WILD	WILD	Unknown	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292045	2/15/1992	None
							Death	SAN FRAN	NAXX	4/9/1992	None
335	1/1/1988	Year	WILD	WILD	Female	Not Contracepted	Hatch	WEBB B	_____	1/1/1988	Year
							Transfer	SAN FRAN	292046	2/15/1992	None
							Death	SAN FRAN	NAAB	2/12/2005	None

336	5/5/1988	None	81	80	Female	Not Contracepted	Hatch	JOHN BALL	300385	5/5/1988	None
							Transfer	NY BRONX	912034	3/18/1991	None
							Death	NY BRONX	NHXX	8/20/1991	None
337	5/6/1988	None	46	19	Male	Not Contracepted	Hatch	SAN FRAN	288009	5/6/1988	None
							Death	SAN FRAN	288009	3/30/2007	None
338	5/6/1988	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	288010	5/6/1988	None
							Death	SAN FRAN	NAHO	4/7/2005	None
339	5/6/1988	None	86	76	Male	Not Contracepted	Hatch	JOHN BALL	300386	5/6/1988	None
							Death	JOHN BALL	FADB	9/17/1995	None
340	5/7/1988	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	288011	5/7/1988	None
							Transfer	DES MOINE	742	9/27/1990	None
							Death	DES MOINE	FHAC	6/2/1998	None
341	5/9/1988	None	46	19	Female	Not Contracepted	Hatch	SAN FRAN	288013	5/9/1988	None
							Transfer	DES MOINE	743	9/27/1990	None
342	5/9/1988	None	25	269	Male	Not Contracepted	Hatch	SAN FRAN	288014	5/9/1988	None
							Transfer	DES MOINE	744	9/27/1990	None
343	5/9/1988	None	85	77	Male	Not Contracepted	Hatch	JOHN BALL	300387	5/9/1988	None
							Transfer	NY BRONX	912033	3/18/1991	None
							Transfer	PROSPECTP	912033	2/27/1995	None

							Transfer	NY BRONX	912033	6/18/1995	None
344	5/9/1988	None	172	188	Unknown	Not Contracepted	Hatch	LANSING	1259	5/9/1988	None
							Death	LANSING	NHN	1/1/1990	None
345	5/10/1988	None	25	269	Unknown	Not Contracepted	Hatch	SAN FRAN	288015	5/10/1988	None
							Death	SAN FRAN	NAXX	2/11/1992	None
346	5/10/1988	None	72	65	Female	Not Contracepted	Hatch	SAN FRAN	288016	5/10/1988	None
							Transfer	DES MOINE	745	9/27/1990	None
							Death	DES MOINE	745	4/24/2013	None
347	5/11/1988	None	85	77	Female	Not Contracepted	Hatch	JOHN BALL	300396	5/11/1988	None
							Death	JOHN BALL	300396	5/21/2013	None
348	5/14/1988	None	28	47	Female	Not Contracepted	Hatch	SAN FRAN	288017	5/14/1988	None
							Transfer	DES MOINE	746	9/27/1990	None
							Death	DES MOINE	NIDC	2/20/2003	None
349	5/14/1988	None	34	33	Female	Not Contracepted	Hatch	SAN FRAN	288018	5/14/1988	None
350	5/14/1988	None	72	65	Female	Not Contracepted	Hatch	SAN FRAN	288019	5/14/1988	None
							Death	SAN FRAN	NAXX	9/25/1995	None
351	5/14/1988	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL	300397	5/14/1988	None
							Death	JOHN BALL	NAN	5/29/1988	None
352	5/15/1988	None	92	87	Unknown	Not	Hatch	JOHN BALL	300398	5/15/1988	None

						Contracepted					
							Death	JOHN BALL	NHN	5/15/1988	None
353	5/17/1988	None	37	26	Female	Not Contracepted	Hatch	SAN FRAN	288020	5/17/1988	None
							Transfer	DES MOINE	747	9/27/1990	None
							Death	DES MOINE	747	8/4/2008	None
354	5/19/1988	None	22	18	Female	Not Contracepted	Hatch	SAN FRAN	288021	5/19/1988	None
							Transfer	DES MOINE	748	9/27/1990	None
							Death	DES MOINE	FHAC	5/15/2005	None
355	5/20/1988	None	69	24	Unknown	Not Contracepted	Hatch	SAN FRAN	288022	5/20/1988	None
							Death	SAN FRAN	NAXX	8/15/1988	None
356	5/24/1988	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CINCINNAT	B3083	5/24/1988	None
							Death	CINCINNAT	FBDC	7/12/1988	None
357	5/25/1988	None	54	71	Female	Not Contracepted	Hatch	SAN FRAN	288088	5/25/1988	None
							Death	SAN FRAN	NAXX	10/29/1992	None
358	5/28/1988	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CINCINNAT	B3084	5/28/1988	None
							Death	CINCINNAT	FBFG	10/26/1989	None
359	5/28/1988	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CINCINNAT	B3085	5/28/1988	None
							Death	CINCINNAT	FEDC	8/18/1990	None
360	6/12/1988	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CINCINNAT	B3087	6/12/1988	None

							Death	CINCINNAT	NIAJ	6/14/1989	None
361	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	41831	3/7/1992	None
							Transfer	CINCINNAT	292196	6/11/1992	None
							Death	CINCINNAT	FAYX	7/15/1992	None
362	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	41834	3/7/1992	None
							Transfer	CINCINNAT	292197	6/11/1992	None
							Death	CINCINNAT	FAYX	7/14/1992	None
363	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	41830	3/7/1992	None
							Transfer	CINCINNAT	292198	6/11/1992	None
							Death	CINCINNAT	FAYX	7/1/1992	None
364	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	41820	3/7/1992	None
							Transfer	CINCINNAT	292199	6/11/1992	None
							Death	CINCINNAT	FAYX	7/16/1992	None
365	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	41832	3/7/1992	None
							Transfer	CINCINNAT	292200	6/11/1992	None
							Death	CINCINNAT	FAYX	7/7/1992	None

366	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	41833	3/7/1992	None
							Transfer	CINCINNAT	292201	6/11/1992	None
							Death	CINCINNAT	FAYX	7/17/1992	None
367	1/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	_____	1/1/1992	Year
							Transfer	PITTSBURG	100485	4/10/1992	None
							Death	PITTSBURG	NHXX	6/28/1992	None
368	1/1/1989	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	_____	1/1/1992	Year
							Transfer	PITTSBURG	100486	4/10/1992	None
							Transfer	NY BRONX	982245	11/19/1998	None
							Death	NY BRONX	982245	9/28/2008	None
369	1/1/1989	Year	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	_____	1/1/1992	Year
							Transfer	PITTSBURG	100487	4/10/1992	None
							Transfer	NY BRONX	982246	11/19/1998	None
							Death	NY BRONX	982246	5/7/2008	None
370	1/1/1989	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	_____	1/1/1992	Year
							Transfer	PITTSBURG	100659	4/10/1992	None

							Transfer	NY BRONX	982247	11/19/1998	None
							Death	NY BRONX	NHN	8/25/1999	None
371	1/1/1989	Year	WILD	WILD	Male	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	_____	1/1/1992	Year
							Transfer	PITTSBURG	100660	4/10/1992	None
							Transfer	NY BRONX	982248	11/19/1998	None
							Death	NY BRONX	NHN	9/29/2000	None
372	4/1/1989	Year	WILD	WILD	Unknown	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1992	Year
							Transfer	FERNDALE	_____	1/1/1992	Year
							Transfer	PITTSBURG	100484	4/10/1992	None
							Death	PITTSBURG	NHXX	6/24/1992	None
373	5/6/1989	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1256	5/6/1989	None
							Death	LANSING	NHN	6/22/1989	None
374	5/13/1989	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	289001	5/13/1989	None
							Death	SAN FRAN	NAAJ	8/6/1999	None
375	5/14/1989	None	46	19	Unknown	Not Contracepted	Hatch	SAN FRAN	289002	5/14/1989	None
							Death	SAN FRAN	NAXX	3/28/1990	None
376	5/14/1989	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1257	5/14/1989	None
							Transfer	DULUTH	870007	10/22/1990	None
							Death	DULUTH	FBDB	7/7/1991	None

377	5/15/1989	None	20	36	Unknown	Not Contracepted	Hatch	SAN FRAN	289003	5/15/1989	None
							Transfer	WEBB B		11/26/1990	None
							Transfer	SAN FRAN	289003	3/15/1992	None
							Death	SAN FRAN	NAXX	5/27/1992	None
378	5/15/1989	None	225	221	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0046	5/15/1989	None
							Death	SEA WORLD	NHXX	12/11/1989	None
379	5/16/1989	None	55	269	Unknown	Not Contracepted	Hatch	SAN FRAN	289006	5/16/1989	None
							Death	SAN FRAN	NAXX	11/24/1990	None
380	5/16/1989	None	28	47	Female	Not Contracepted	Hatch	SAN FRAN	289005	5/16/1989	None
							Death	SAN FRAN	AAGG	11/10/1998	None
381	5/16/1989	None	55	269	Unknown	Not Contracepted	Hatch	SAN FRAN	289004	5/16/1989	None
							Death	SAN FRAN	NAXX	1/8/1990	None
382	5/16/1989	None	236	211	Female	Not Contracepted	Hatch	SEA WORLD	MG0047	5/16/1989	None
							Transfer	AURORA	MG0047	5/4/1996	None
							Transfer	SEA WORLD	MG0047	2/18/2001	None
							Transfer	SAN FRAN	202069	11/11/2002	None
							Death	SAN FRAN	NAAB	1/31/2005	None
383	5/16/1989	None	172	188	Unknown	Not Contracepted	Hatch	LANSING	1258	5/16/1989	None
							Death	LANSING	NHN	5/20/1989	None
384	5/17/1989	None	55	269	Unknown	Not	Hatch	SAN FRAN	289007	5/17/1989	None

						Contracepted					
							Transfer	WEBB B	_____	11/26/1990	None
							Transfer	SAN FRAN	289007	3/15/1992	None
							Death	SAN FRAN	NAXX	4/9/1992	None
385	5/17/1989	None	28	47	Unknown	Not Contracepted	Hatch	SAN FRAN	289008	5/17/1989	None
							Transfer	DES MOINE	749	9/27/1990	None
							Death	DES MOINE	FHDC	1/7/1995	None
386	5/17/1989	None	216	218	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0048	5/17/1989	None
							Death	SEA WORLD	NHXX	3/16/1990	None
387	5/18/1989	None	72	65	Unknown	Not Contracepted	Hatch	SAN FRAN	289009	5/18/1989	None
							Transfer	WEBB B	_____	11/26/1990	None
							Transfer	SAN FRAN	289009	5/15/1992	None
							Death	SAN FRAN	NAXX	5/15/1992	None
388	5/18/1989	None	213	229	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0049	5/18/1989	None
							Death	SEA WORLD	NHXX	8/6/1990	None
389	5/19/1989	None	66	29	Unknown	Not Contracepted	Hatch	SAN FRAN	289010	5/19/1989	None
							Death	SAN FRAN	NAXX	2/1/1991	None
390	5/19/1989	None	81	80	Female	Not Contracepted	Hatch	JOHN BALL	300582	5/19/1989	None
							Transfer	NY BRONX	912035	3/18/1991	None
							Death	NY BRONX	NHXX	3/23/1993	None

391	5/20/1989	None	44	250	Female	Not Contracepted	Hatch	SAN FRAN	289011	5/20/1989	None
							Transfer	NY BRONX	942031	4/15/1994	None
							Transfer	PROSPECTP	942031	2/27/1995	None
							Transfer	NY BRONX	942031	6/18/1995	None
							Transfer	PROSPECTP	942031	11/6/1995	None
							Transfer	NY BRONX	942031	5/6/1996	None
392	5/20/1989	None	81	80	Female	Not Contracepted	Hatch	JOHN BALL	300583	5/20/1989	None
							Transfer	NY BRONX	912036	3/18/1991	None
							Transfer	PROSPECTP	912036	2/27/1995	None
							Transfer	NY BRONX	912036	6/18/1995	None
							Death	NY BRONX	912036	4/18/2008	None
393	5/22/1989	None	86	76	Male	Not Contracepted	Hatch	JOHN BALL	300586	5/22/1989	None
							Transfer	SHEDD AQ	040301	4/2/1991	None
							Transfer	AURORA	MG7534	4/6/2001	None
							Transfer	LANSING	2631	4/17/2004	None
394	5/23/1989	None	67	71	Male	Not Contracepted	Hatch	SAN FRAN	289012	5/23/1989	None
395	5/23/1989	None	86	76	Female	Not Contracepted	Hatch	JOHN BALL	300587	5/23/1989	None
							Transfer	NY BRONX	912037	3/18/1991	None
							Death	NY BRONX	NHXX	8/21/1993	None
396	5/26/1989	None	67	71	Male	Not Contracepted	Hatch	SAN FRAN	289013	5/26/1989	None

							Transfer	DES MOINE	750	9/27/1990	None
							Death	DES MOINE	750	7/6/2008	None
397	5/29/1989	None	UNK	UNK	Unknown	Not Contracepted	Hatch	CINCINNAT	289047	5/29/1989	None
							Death	CINCINNAT	FAN	5/29/1989	None
398	6/9/1989	None	56	57	Unknown	Not Contracepted	Hatch	SAN FRAN	289014	6/9/1989	None
							Death	SAN FRAN	NAXX	10/13/1990	None
399	6/9/1989	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL	300600	6/9/1989	None
							Death	JOHN BALL	NHXX	6/18/1989	None
400	6/5/1989	None	92	87	Female	Not Contracepted	Hatch	JOHN BALL	300599	6/5/1989	None
							Transfer	NY BRONX	912038	3/18/1991	None
							Death	NY BRONX	NHN	8/18/1991	None
401	5/6/1990	None	264	273	Unknown	Not Contracepted	Hatch	LANSING	1289	5/6/1990	None
							Transfer	DULUTH	870004	10/22/1990	None
							Death	DULUTH	FBDB	5/12/1994	None
402	5/9/1990	None	225	221	Male	Not Contracepted	Hatch	SEA WORLD	MG0052	5/9/1990	None
							Transfer	AURORA	MG0052	5/4/1996	None
							Transfer	SEA WORLD	MG0052	2/18/2001	None
							Transfer	AURORA	MG0052	12/10/2002	None
							Transfer	SEA WORLD	MG0052	6/5/2004	None
							Transfer	SACRAMNTO	201652	1/21/2008	None

							Transfer	SEA WORLD	MG0052	7/8/2008	None
403	5/9/1990	None	177	175	Female	Not Contracepted	Hatch	LANSING	1290	5/9/1990	None
							Transfer	DULUTH	870003	5/9/1990	None
							Death	DULUTH	FBXX	7/22/1996	None
404	5/10/1990	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	290020	5/10/1990	None
							Death	SAN FRAN	FHFG	7/29/1998	None
405	5/10/1990	None	216	218	Male	Not Contracepted	Hatch	SEA WORLD	MG0053	5/10/1990	None
							Transfer	AURORA	MG0053	5/4/1996	None
							Transfer	SEA WORLD	MG0053	2/18/2001	None
406	5/13/1990	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	NAXX	5/13/1990	None
							Death	SAN FRAN	290021	1/2/2009	None
407	5/13/1990	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1408	5/13/1990	None
							Transfer	DULUTH	870002	10/22/1990	None
							Death	DULUTH	NHN	8/28/1998	None
408	5/14/1990	None	232	222	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0054	5/14/1990	None
							Death	SEA WORLD	NHXX	8/19/1993	None
409	5/17/1990	None	81	80	Unknown	Not Contracepted	Hatch	JOHN BALL	300753	5/17/1990	None
							Death	JOHN BALL	NHAN	7/5/1990	None
410	5/18/1990	None	50	29	Female	Not Contracepted	Hatch	SAN FRAN	290022	5/18/1990	None

							Transfer	NY BRONX	942032	4/15/1994	None
							Transfer	PROSPECTP	942032	2/27/1995	None
							Transfer	NY BRONX	942032	6/18/1995	None
							Transfer	PROSPECTP	942032	11/6/1995	None
							Transfer	NY BRONX	942032	5/6/1996	None
							Death	NY BRONX	NHN	6/17/2000	None
411	5/18/1990	None	245	242	Female	Not Contracepted	Hatch	SEA WORLD	MG0050	5/18/1990	None
							Transfer	AURORA	MG0050	5/18/1996	None
							Transfer	SEA WORLD	MG0050	2/18/2001	None
							Transfer	SAN FRAN	202070	11/11/2002	None
412	5/18/1990	None	243	230	Female	Not Contracepted	Hatch	SEA WORLD	MG0056	5/18/1990	None
							Death	SEA WORLD	NHXX	10/23/1993	None
413	5/18/1990	None	236	211	Male	Not Contracepted	Hatch	SEA WORLD	MG0057	5/18/1990	None
							Transfer	AURORA	MG0057	5/4/1996	None
							Transfer	SEA WORLD	MG0057	2/18/2001	None
							Transfer	AURORA	MG0057	12/10/2002	None
							Death	AURORA	NHXX	5/2/2004	None
414	5/18/1990	None	81	80	Female	Not Contracepted	Hatch	JOHN BALL	300759	5/18/1990	None
							Transfer	SHEDD AQ	040302	4/2/1991	None
							Death	SHEDD AQ	NHN	2/11/1992	None
415	5/18/1990	None	251	271	Unknown	Not Contracepted	Hatch	LANSING	409	5/18/1990	None

							Transfer	DULUTH	870001	10/22/1990	None
							Death	DULUTH	FBDB	7/7/1991	None
416	5/19/1990	None	284	306	Male	Not Contracepted	Hatch	SAN FRAN	290023	5/19/1990	None
							Death	SAN FRAN	FADC	3/30/1993	None
417	5/20/1990	None	56	57	Female	Not Contracepted	Hatch	SAN FRAN	290024	5/20/1990	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None
418	5/20/1990	None	236	211	Male	Not Contracepted	Hatch	SEA WORLD	MG0051	5/20/1990	None
							Death	SEA WORLD	NHXX	10/22/1994	None
419	5/20/1990	None	251	271	Unknown	Not Contracepted	Hatch	LANSING	1410	5/20/1990	None
							Death	LANSING	NHXX	9/27/1990	None
420	5/21/1990	None	237	223	Female	Not Contracepted	Hatch	SEA WORLD	MG0058	5/21/1990	None
							Death	SEA WORLD	NHXX	8/15/1997	None
421	5/22/1990	None	286	29	Male	Not Contracepted	Hatch	SAN FRAN	290025	5/22/1990	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None
422	5/22/1990	None	56	57	Female	Not Contracepted	Hatch	SAN FRAN	290026	5/22/1990	None
							Death	SAN FRAN	NAXX	8/23/1993	None
423	5/22/1990	None	172	188	Unknown	Not Contracepted	Hatch	LANSING	1411	5/22/1990	None

							Transfer	DULUTH	870000	10/22/1990	None
							Death	DULUTH	ABDC	12/14/1997	None
424	5/24/1990	None	86	76	Unknown	Not Contracepted	Hatch	JOHN BALL	300760	5/24/1990	None
							Death	JOHN BALL	HHN	6/8/1990	None
425	5/30/1990	None	302	287	Unknown	Not Contracepted	Hatch	SAN FRAN	290027	5/30/1990	None
							Death	SAN FRAN	NAXX	6/2/1990	None
426	5/31/1990	None	302	287	Male	Not Contracepted	Hatch	SAN FRAN	290028	5/31/1990	None
							Death	SAN FRAN	290028	2/22/2010	None
427	5/31/1990	None	239	227	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0059	5/31/1990	None
							Death	SEA WORLD	NHXX	1/30/1995	None
428	5/31/1990	None	85	77	Female	Not Contracepted	Hatch	JOHN BALL	300764	5/31/1990	None
							Transfer	NY BRONX	912039	3/18/1991	None
							Death	NY BRONX	NHN	7/26/1991	None
429	6/1/1990	None	92	87	Male	Not Contracepted	Hatch	JOHN BALL	300766	6/1/1990	None
							Transfer	SHEDD AQ	040303	4/2/1991	None
							Transfer	AURORA	MG7535	4/6/2001	None
							Transfer	LANSING	2632	4/17/2004	None
							Death	LANSING	NHXX	6/24/2004	None
430	6/2/1990	None	239	227	Male	Not Contracepted	Hatch	SEA WORLD	MG0060	6/2/1990	None
							Transfer	AURORA	MG0060	5/4/1996	None

							Transfer	SEA WORLD	MG0060	2/18/2001	None
							Transfer	SAN FRAN	202071	11/11/2002	None
							Death	SAN FRAN	NAHO	3/22/2005	None
431	6/2/1990	None	85	77	Male	Not Contracepted	Hatch	JOHN BALL	300769	6/2/1990	None
							Transfer	SHEDD AQ	040304	4/2/1991	None
							Transfer	AURORA	MG7536	4/6/2001	None
							Transfer	LANSING	2633	4/17/2004	None
							Death	LANSING	2633	2/22/2009	None
432	6/5/1990	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL	300770	6/5/1990	None
							Death	JOHN BALL	NHN	6/5/1990	None
433	5/4/1991	None	210	214	Female	Not Contracepted	Hatch	SEA WORLD	MG0063	5/4/1991	None
							Transfer	ORLANDO	MG2503	8/29/1991	None
							Transfer	SEA WORLD	MG2503	4/7/2001	None
434	5/6/1991	None	210	214	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0061	5/6/1991	None
							Death	SEA WORLD	NHXX	5/16/1993	None
435	5/6/1991	None	225	221	Male	Not Contracepted	Hatch	SEA WORLD	MG0062	5/6/1991	None
							Transfer	AURORA	MG0062	5/4/1996	None
							Transfer	SEA WORLD	MG0062	2/18/2001	None
							Transfer	SAN FRAN	202073	11/11/2002	None
							Death	SAN FRAN	NAAB	2/13/2005	None
436	5/7/1991	None	225	221	Female	Not	Hatch	SEA WORLD	MG0064	5/7/1991	None

						Contracepted					
							Transfer	ORLANDO	MG2504	8/29/1991	None
437	5/15/1991	None	243	230	Male	Not Contracepted	Hatch	SEA WORLD	MG0072	5/15/1991	None
							Transfer	AURORA	MG0072	5/4/1996	None
							Death	AURORA	NHN	5/4/1996	None
438	5/16/1991	None	216	218	Female	Not Contracepted	Hatch	SEA WORLD	MG0065	5/16/1991	None
							Transfer	SEAWLD TX	MG0065	11/12/1991	None
							Transfer	AURORA	MG0065	4/1/1992	None
							Transfer	SEA WORLD	MG0065	2/18/2001	None
							Death	SEA WORLD	NHN	10/15/2003	None
439	5/17/1991	None	243	230	Male	Not Contracepted	Hatch	SEA WORLD	MG0066	5/17/1991	None
							Transfer	SEAWLD TX	MG0066	11/12/1991	None
							Transfer	AURORA	MG0066	4/2/1992	None
							Transfer	ORLANDO	MG0066	2/6/2001	None
440	5/17/1991	None	177	175	Male	Not Contracepted	Hatch	LANSING	1587	5/17/1991	None
							Death	LANSING	NHXX	11/1/1996	None
441	5/18/1991	None	237	223	Male	Not Contracepted	Hatch	SEA WORLD	MG0067	5/18/1991	None
							Transfer	ORLANDO	MG2505	8/29/1991	None
							Transfer	SEAWLD TX	MG2505	12/20/1994	None
							Transfer	AURORA	MG0067	10/23/1995	None
							Transfer	ORLANDO	MG0067	2/6/2001	None

442	5/18/1991	None	216	218	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0071	5/18/1991	None
							Transfer	AURORA	MG0071	10/1/1991	None
							Death	AURORA	NIAC	2/25/1992	None
443	5/18/1991	None	272	273	Unknown	Not Contracepted	Hatch	LANSING	1581	5/18/1991	None
							Death	LANSING	NHXX	8/27/1991	None
444	5/19/1991	None	251	188	Female	Not Contracepted	Hatch	LANSING	1584	5/19/1991	None
							Death	LANSING	FAAX	4/23/2002	None
445	5/21/1991	None	318	320	Male	Not Contracepted	Hatch	SEA WORLD	MG0068	5/21/1991	None
							Transfer	ORLANDO	MG2506	8/29/1991	None
							Transfer	SEAWLD TX	MG2506	12/20/1994	None
							Transfer	AURORA	MG0068	10/23/1995	None
							Transfer	SEA WORLD	MG0068	2/18/2001	None
							Transfer	JOHN BALL	302685	12/12/2002	None
446	5/21/1991	None	236	211	Female	Not Contracepted	Hatch	SEA WORLD	MG0073	5/21/1991	None
							Transfer	AURORA	MG0073	5/4/1996	None
							Transfer	SEA WORLD	MG0073	2/18/2001	None
447	5/22/1991	None	50	29	Male	Not Contracepted	Hatch	SAN FRAN	291021	5/22/1991	None
							Transfer	LISBOA AQ	IND003	11/20/1997	None
							Death	LISBOA AQ	NHN	12/31/2000	None
448	5/23/1991	None	337	300	Female	Not Contracepted	Hatch	SAN FRAN	291022	5/23/1991	None

							Transfer	LISBOA AQ		11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None
449	5/23/1991	None	72	269	Male	Not Contracepted	Hatch	SAN FRAN	291023	5/23/1991	None
							Transfer	NY BRONX	942029	4/15/1994	None
							Death	NY BRONX	AAN	10/12/1994	None
450	5/23/1991	None	86	76	Female	Not Contracepted	Hatch	JOHN BALL	300909	5/23/1991	None
							Transfer	AURORA	MG7538	2/24/2003	None
							Transfer	BOISE	204008	5/6/2004	None
451	5/24/1991	None	312	47	Male	Not Contracepted	Hatch	SAN FRAN	291024	5/24/1991	None
452	5/24/1991	None	50	29	Female	Not Contracepted	Hatch	SAN FRAN	291025	5/24/1991	None
							Transfer	NY BRONX	942033	4/15/1994	None
							Transfer	PROSPECTP	942033	5/27/1995	None
							Transfer	NY BRONX	942033	11/6/1995	None
							Death	NY BRONX	NAY	3/3/1996	None
453	5/24/1991	None	236	211	Female	Not Contracepted	Hatch	SEA WORLD	MG0069	5/24/1991	None
							Transfer	AURORA	MG0069	10/1/1991	None
							Death	AURORA	NHXX	2/1/1999	None
454	5/25/1991	None	318	320	Male	Not Contracepted	Hatch	SEA WORLD	MG0070	5/25/1991	None
							Transfer	AURORA	MG0070	10/1/1991	None
							Transfer	SEA WORLD	MG0070	2/18/2001	None

							Transfer	JOHN BALL	302686	12/12/2002	None
							Death	JOHN BALL	FBAC	5/16/2005	None
455	5/26/1991	None	337	300	Unknown	Not Contracepted	Hatch	SAN FRAN	291026	5/26/1991	None
							Death	SAN FRAN	NAXX	6/1/1991	None
456	5/29/1991	None	69	71	Female	Not Contracepted	Hatch	SAN FRAN	291027	5/29/1991	None
							Death	SAN FRAN	FHFG	7/30/1998	None
457	5/29/1991	None	103	113	Unknown	Not Contracepted	Hatch	CINCINNAT	291105	5/29/1991	None
							Death	CINCINNAT	NHXX	5/29/1991	None
458	5/30/1991	None	302	287	Unknown	Not Contracepted	Hatch	SAN FRAN	291028	5/30/1991	None
							Death	SAN FRAN	NAXX	6/5/1991	None
459	5/30/1991	None	284	306	Male	Not Contracepted	Hatch	SAN FRAN	291029	5/30/1991	None
							Transfer	LISBOA AQ	IND005	11/20/1997	None
							Death	LISBOA AQ	NHN	9/1/1999	None
460	5/31/1991	None	302	287	Unknown	Not Contracepted	Hatch	SAN FRAN	291030	5/31/1991	None
							Death	SAN FRAN	NAXX	6/1/1991	None
461	5/31/1991	None	69	71	Male	Not Contracepted	Hatch	SAN FRAN	291031	5/31/1991	None
462	6/1/1991	None	284	306	Male	Not Contracepted	Hatch	SAN FRAN	291032	6/1/1991	None
463	6/1/1991	None	103	113	Unknown	Not Contracepted	Hatch	CINCINNAT	291110	6/1/1991	None

							Death	CINCINNAT	NHN	6/5/1991	None
464	6/3/1991	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL	300923	6/3/1991	None
							Death	JOHN BALL	NAXX	6/13/1991	None
465	5/6/1992	None	20	36	Unknown	Not Contracepted	Hatch	SAN FRAN	292001	5/6/1992	None
							Death	SAN FRAN	NAXX	5/13/1993	None
466	5/8/1992	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	292002	5/8/1992	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Go LTF	LISBOA AQ	_____	11/20/1997	None
467	5/10/1992	None	39	27	Unknown	Not Contracepted	Hatch	SAN FRAN	292003	5/10/1992	None
							Death	SAN FRAN	NAXX	5/13/1993	None
468	5/11/1992	None	337	300	Unknown	Not Contracepted	Hatch	SAN FRAN	292004	5/11/1992	None
							Death	SAN FRAN	NAXX	5/31/1992	None
469	5/11/1992	None	302	287	Unknown	Not Contracepted	Hatch	SAN FRAN	292005	5/11/1992	None
							Death	SAN FRAN	NAXX	5/13/1992	None
470	5/11/1992	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1682	5/11/1992	None
							Transfer	CHATHAM	_____	9/28/1993	None
							Go LTF	CHATHAM	_____	9/28/1993	None
471	5/12/1992	None	337	300	Unknown	Not Contracepted	Hatch	SAN FRAN	292006	5/12/1992	None
							Death	SAN FRAN	NAXX	1/18/1993	None

472	5/14/1992	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1735	5/14/1992	None
							Transfer	CHATHAM	_____	9/28/1993	None
							Go LTF	CHATHAM	_____	9/28/1993	None
473	5/15/1992	None	394	299	Unknown	Not Contracepted	Hatch	SAN FRAN	292007	5/15/1992	None
							Death	SAN FRAN	NAXX	8/19/1993	None
474	5/16/1992	None	245	242	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0074	5/16/1992	None
							Death	SEA WORLD	NHXX	5/25/1993	None
475	5/19/1992	None	72	269	Male	Not Contracepted	Hatch	SAN FRAN	292008	5/19/1992	None
							Death	SAN FRAN	NAAJ	9/6/1999	None
476	5/19/1992	None	245	242	Male	Not Contracepted	Hatch	SEA WORLD	MG0075	5/19/1992	None
							Transfer	AURORA	MG0075	4/26/1997	None
							Transfer	SEA WORLD	MG0075	2/18/2001	None
							Transfer	JOHN BALL	302687	12/12/2002	None
477	5/19/1992	None	251	188	Unknown	Not Contracepted	Hatch	LANSING	1736	5/19/1992	None
							Transfer	CHATHAM	_____	9/28/1993	None
							Go LTF	CHATHAM	_____	9/28/1993	None
478	5/20/1992	None	72	269	Male	Not Contracepted	Hatch	SAN FRAN	292009	5/20/1992	None
							Death	SAN FRAN	NAXX	5/25/1992	None
479	5/21/1992	None	237	214	Male	Not Contracepted	Hatch	AURORA	MG7508	5/21/1992	None

							Transfer	SEAWLD TX	MG7508	10/29/1994	None
							Transfer	AURORA	MG7508	12/5/1995	None
							Transfer	SEAWLD TX	MG7508	1/7/1998	None
							Transfer	AURORA	MG7508	4/30/1998	None
							Transfer	SEA WORLD	MG7508	2/18/2001	None
							Death	SEA WORLD	MG7508	12/26/2007	None
480	5/21/1992	None	UNK	UNK	Unknown	Not Contracepted	Hatch	AURORA	MG7506	5/21/1992	None
							Transfer	SEAWLD TX	MG7506	10/29/1994	None
							Go LTF	SEAWLD TX	MG7506	10/29/1994	None
481	5/23/1992	None	70	32	Unknown	Not Contracepted	Hatch	SAN FRAN	292010	5/23/1992	None
							Death	SAN FRAN	NAXX	1/29/1993	None
482	5/23/1992	None	374	380	Female	Not Contracepted	Hatch	SAN FRAN	292011	5/23/1992	None
							Death	SAN FRAN	NAAJ	4/2/1999	None
483	5/23/1992	None	251	188	Unknown	Not Contracepted	Hatch	LANSING	1706	5/23/1992	None
							Transfer	CHATHAM	_____	9/28/1993	None
							Go LTF	CHATHAM	_____	9/28/1993	None
484	5/23/1992	None	251	188	Unknown	Not Contracepted	Hatch	LANSING	1796	5/23/1992	None
							Transfer	CHATHAM	_____	9/28/1993	None
							Go LTF	CHATHAM	_____	9/28/1993	None
485	5/23/1992	None	237	214	Female	Not Contracepted	Hatch	AURORA	MG7509	5/23/1992	None

							Transfer	SEAWLD TX	MG7509	10/29/1994	None
							Transfer	AURORA	MG7509	12/5/1995	None
							Transfer	SEA WORLD	MG7509	2/18/2001	None
							Transfer	JOHN BALL	302692	12/12/2002	None
486	5/23/1992	None	UNK	UNK	Unknown	Not Contracepted	Hatch	AURORA	MG7507	5/23/1992	None
							Transfer	SEAWLD TX	MG7507	10/29/1994	None
							Go LTF	SEAWLD TX	MG7507	10/29/1994	None
487	5/24/1992	None	232	227	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0076	5/24/1992	None
							Death	SEA WORLD	NHXX	5/25/1992	None
488	5/26/1992	None	284	306	Male	Not Contracepted	Hatch	SAN FRAN	292012	5/26/1992	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None
489	5/26/1992	None	284	306	Male	Not Contracepted	Hatch	SAN FRAN	292014	5/26/1992	None
							Transfer	NY BRONX	942030	4/15/1994	None
							Death	NY BRONX	NHN	8/24/1994	None
490	5/26/1992	None	233	244	Female	Not Contracepted	Hatch	TACOMA	92AM04	5/26/1992	None
							Death	TACOMA	DEYX	8/3/1992	None
491	6/3/1992	None	92	87	Female	Not Contracepted	Hatch	JOHN BALL	301050	6/3/1992	None
							Transfer	AURORA	MG7539	2/24/2003	None
							Death	AURORA	NHXX	8/21/2003	None

492	5/6/1993	None	225	221	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0085	5/6/1993	None
							Death	SEA WORLD	NHXX	5/9/1993	None
493	5/20/1993	None	418	320	Female	Not Contracepted	Hatch	SEA WORLD	MG0077	5/20/1993	None
							Transfer	ORLANDO	MG0077	5/20/1993	None
494	5/20/1993	None	216	230	Male	Not Contracepted	Hatch	ORLANDO	MG0078	5/20/1993	None
							Transfer	AURORA	MG0078	12/10/1996	None
							Transfer	SEA WORLD	MG0078	2/18/2001	None
							Transfer	SAN FRAN	202072	11/11/2002	None
							Transfer	LONG B AQ	LBSM121	3/16/2012	None
495	5/21/1993	None	324	223	Male	Not Contracepted	Hatch	SEA WORLD	MG0079	5/21/1993	None
							Transfer	AURORA	MG0079	4/26/1997	None
							Transfer	SEAWLD TX	NG0079	1/7/1998	None
							Transfer	AURORA	MG0079	4/30/1998	None
							Transfer	SEA WORLD	MG0079	2/18/2001	None
							Transfer	SOUTH CAR	UNK	2/24/2009	None
							Transfer	SEA WORLD	MG0079	11/2/2010	None
496	5/22/1993	None	324	223	Female	Not Contracepted	Hatch	ORLANDO	MG0080	5/22/1993	None
							Transfer	ORLANDO	MG0080	5/23/1993	None
497	5/23/1993	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1795	5/23/1993	None
							Transfer	CHATHAM	_____	9/28/1993	None

							Go LTF	CHATHAM		9/28/1993	None
498	5/25/1993	None	216	230	Unknown	Not Contracepted	Hatch	AURORA	MG0081	5/25/1993	None
							Transfer	AURORA	MG0081	5/26/1993	None
							Death	AURORA	NHXX	6/20/1993	None
499	5/25/1993	None	413	412	Unknown	Not Contracepted	Hatch	AURORA	MG0082	5/25/1993	None
							Transfer	AURORA	MG0082	5/26/1993	None
							Death	AURORA	NIAC	12/23/1993	None
500	5/26/1993	None	UNK	227	Unknown	Not Contracepted	Hatch	AURORA	MG0083	5/26/1993	None
							Transfer	AURORA	MG0083	5/27/1993	None
							Death	AURORA	NIAC	7/28/1993	None
501	5/29/1993	None	233	244	Female	Not Contracepted	Hatch	TACOMA	93AM01	5/29/1993	None
							Death	TACOMA	93AM01	5/30/2007	None
502	5/30/1993	None	UNK	227	Unknown	Not Contracepted	Hatch	AURORA	MG0084	5/30/1993	None
							Transfer	AURORA	MG0084	5/31/1993	None
							Death	AURORA	NIAC	11/24/1993	None
503	6/15/1993	None	103	113	Male	Not Contracepted	Hatch	CINCINNAT	293106	6/15/1993	None
							Transfer	LISBOA AQ		11/20/1997	None
							Go LTF	LISBOA AQ		11/20/1997	None
504	5/1/1994	Month	20	36	Unknown	Not Contracepted	Hatch	SAN FRAN	294010	5/1/1994	Month
							Death	SAN FRAN	NAAB	8/8/1994	None

505	5/8/1994	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	294009	5/8/1994	None
							Transfer	LISBOA AQ		11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None
506	5/16/1994	None	181	444	Unknown	Not Contracepted	Hatch	LANSING	1883	5/16/1994	None
							Death	LANSING	FADB	8/23/1998	None
507	5/18/1994	None	177	175	Female	Not Contracepted	Hatch	LANSING	1884	5/18/1994	None
							Death	LANSING	AAAX	7/1/2002	None
508	5/20/1994	None	430	411	Male	Not Contracepted	Hatch	SEA WORLD	MG0086	5/20/1994	None
							Transfer	AURORA	MG0086	5/4/1996	None
							Death	AURORA	NHN	7/2/1998	None
509	5/21/1994	None	216	230	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0087	5/21/1994	None
							Death	SEA WORLD	NHXX	7/30/1996	None
510	5/22/1994	None	324	223	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0088	5/22/1994	None
							Death	SEA WORLD	FEN	11/15/1997	None
511	5/23/1994	None	430	411	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0089	5/23/1994	None
							Transfer	AURORA	MG0089	5/4/1996	None
							Death	AURORA	NHN	9/4/1996	None
512	5/24/1994	None	216	230	Male	Not Contracepted	Hatch	SEA WORLD	MG0090	5/24/1994	None
							Transfer	AURORA	MG0090	5/4/1996	None

							Transfer	SEA WORLD	MG0090	2/18/2001	None
							Death	SEA WORLD	MG0090	7/7/2011	None
513	1/1/1995	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1997	Unknown
							Transfer	GULF AQUA	AQ-1	1/1/1997	Unknown
							Transfer	JOHN BALL	302023	1/9/1998	None
514	1/1/1995	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1997	Unknown
							Transfer	GULF AQUA	AQ-2	1/1/1997	Unknown
							Transfer	JOHN BALL	302024	1/9/1998	None
							Death	JOHN BALL	FHDC	7/26/2004	None
515	1/1/1995	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1997	Unknown
							Transfer	GULF AQUA	AQ-3	1/1/1997	Unknown
							Transfer	JOHN BALL	302025	1/9/1998	None
							Death	JOHN BALL	302025	10/10/2013	Month
516	1/1/1995	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	CHILE	NONE	1/1/1997	Unknown
							Transfer	GULF AQUA	AQ-4	1/1/1997	Unknown
							Transfer	JOHN BALL	302026	1/9/1998	None
517	5/5/1995	None	405	446	Female	Not Contracepted	Hatch	SEA WORLD	MG0091	5/5/1995	None
							Transfer	SACRAMNTO	201653	1/21/2008	None
							Transfer	SEA WORLD	MG0091	2/1/2008	None
							Transfer	SHEDD AQ	3985	5/8/2009	None
518	5/6/1995	None	405	446	Male	Not	Hatch	SEA WORLD	MG0092	5/6/1995	None

						Contracepted					
519	5/15/1995	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG0093	5/15/1995	None
							Transfer	SEA WORLD	MG0093	2/18/2001	None
							Transfer	SOUTH CAR	UNK	2/24/2009	None
							Transfer	SEA WORLD	MG0093	11/2/2010	None
520	5/18/1995	None	181	444	Unknown	Not Contracepted	Hatch	LANSING	1964	5/18/1995	None
							Death	LANSING	AHAX	3/28/1999	None
521	5/19/1995	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	1965	5/19/1995	None
							Death	LANSING	NHXX	9/22/1995	None
522	5/20/1995	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG0094	5/20/1995	None
							Transfer	SEA WORLD	MG0094	2/18/2001	None
523	5/21/1995	None	413	242	Female	Not Contracepted	Hatch	AURORA	MG0095	5/21/1995	None
							Transfer	AURORA	MG0095	5/21/1995	None
							Death	AURORA	NHXX	6/8/1998	Unknown
524	6/14/1995	None	103	124	Male	Not Contracepted	Hatch	CINCINNAT	295193	6/14/1995	None
525	1/1/1996	Year	UNK	UNK	Male	Not Contracepted	Hatch	RAPID CIT	_____	1/1/1996	Year
							Transfer	SIOUX FAL	1953	11/1/1996	None
							Transfer	FERNDALE	49419	11/4/1996	None
							Transfer	WATERTNSD	_____	5/6/1997	None
							Death	WATERTNSD	NHXX	10/1/1997	Month

526	4/29/1996	None	402	382	Male	Not Contracepted	Hatch	SEA WORLD	MG0096	4/29/1996	None
							Transfer	AURORA	MG0096	4/26/1997	None
							Transfer	SEAWLD TX	MG0096	1/7/1998	None
							Transfer	AURORA	MG0096	4/15/1998	None
							Transfer	LANSING	2412	5/6/2000	None
							Death	LANSING	AAAX	6/10/2002	None
527	5/1/1996	None	402	382	Female	Not Contracepted	Hatch	SEA WORLD	MG0097	5/1/1996	None
528	5/6/1996	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0098	5/6/1996	None
							Death	SEA WORLD	NEN	6/7/1998	None
529	5/7/1996	None	225	221	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0099	5/7/1996	None
							Death	SEA WORLD	NHXX	5/14/1996	None
530	5/8/1996	None	225	221	Male	Not Contracepted	Hatch	SEA WORLD	MG0100	5/8/1996	None
							Death	SEA WORLD	AEN	4/20/1998	None
531	5/11/1996	None	181	444	Male	Not Contracepted	Hatch	LANSING	2074	5/11/1996	None
							Death	LANSING	AADX	8/11/2002	None
532	5/13/1996	None	430	411	Male	Not Contracepted	Hatch	SEA WORLD	MG0101	5/13/1996	None
							Wild Capture	SOUTH CAR	UNK	2/24/2009	None
							Transfer	SEA WORLD	MG0101	11/2/2010	None
533	5/14/1996	None	435	223	Male	Not	Hatch	SEA WORLD	MG0102	5/14/1996	None

						Contracepted					
							Transfer	SACRAMNTO	201654	1/21/2008	None
							Transfer	SEA WORLD	MG0102	7/8/2008	None
							Transfer	SHEDD AQ	3951	5/8/2009	None
534	5/15/1996	None	413	242	Female	Not Contracepted	Hatch	SEA WORLD	MG0103	5/15/1996	None
535	5/16/1996	None	430	411	Male	Not Contracepted	Hatch	SEA WORLD	MG0104	5/16/1996	None
							Transfer	JOHN BALL	302688	12/12/2002	None
536	5/16/1996	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	2075	5/16/1996	None
							Death	LANSING	NHXX	5/29/1996	None
537	5/18/1996	None	435	223	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0105	5/18/1996	None
							Transfer	AURORA	MG0105	4/26/1997	None
							Transfer	SEAWLD TX	MG0105	1/7/1998	None
							Transfer	AURORA	MG0105	4/15/1998	None
							Transfer	LANSING	2413	5/6/2000	None
							Death	LANSING	AHXX	9/7/2001	None
538	5/30/1996	None	92	87	Male	Not Contracepted	Hatch	JOHN BALL	301800	5/30/1996	None
							Death	JOHN BALL	301800	11/1/2007	None
539	5/10/1997	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	297018	5/10/1997	None
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Death	LISBOA AQ	NHXX	4/30/2006	None

540	5/11/1997	None	475	331	Male	Not Contracepted	Hatch	SAN FRAN	297019	5/11/1997	None
							Transfer	LISBOA AQ		11/20/1997	None
							Go LTF	LISBOA AQ		11/20/1997	None
541	5/11/1997	None	374	380	Female	Not Contracepted	Hatch	SAN FRAN	297020	5/11/1997	None
							Transfer	LISBOA AQ		11/20/1997	None
							Go LTF	LISBOA AQ		11/20/1997	None
542	5/12/1997	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	297021	5/12/1997	None
							Transfer	LISBOA AQ		11/20/1997	None
							Go LTF	LISBOA AQ		11/20/1997	None
543	5/12/1997	None	181	444	Male	Not Contracepted	Hatch	LANSING	2144	5/12/1997	None
							Death	LANSING	AAAX	6/27/2002	None
544	5/14/1997	None	475	331	Male	Not Contracepted	Hatch	SAN FRAN	297022	5/14/1997	None
							Death	SAN FRAN	AAXX	9/6/1997	None
545	5/14/1997	None	81	491	Female	Not Contracepted	Hatch	JOHN BALL	301922	5/14/1997	None
							Transfer	AURORA	MG7540	2/24/2003	None
							Transfer	BOISE	204009	5/6/2004	None
546	5/16/1997	None	406	335	Female	Not Contracepted	Hatch	SAN FRAN	297023	5/16/1997	None
							Transfer	LISBOA AQ		11/20/1997	None
							Go LTF	LISBOA AQ		11/20/1997	None
547	5/16/1997	None	103	124	Male	Not	Hatch	CINCINNAT	297071	5/16/1997	None

						Contracepted					
							Transfer	LISBOA AQ	_____	11/20/1997	None
							Go LTF	LISBOA AQ	_____	11/20/1997	None
548	5/18/1997	None	405	446	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0106	5/18/1997	None
							Death	SEA WORLD	NHN	5/21/1997	None
549	5/19/1997	None	451	349	Male	Not Contracepted	Hatch	SAN FRAN	297024	5/19/1997	None
							Transfer	LISBOA AQ	IND034	11/20/1997	None
							Death	LISBOA AQ	NHN	11/23/1997	None
550	5/19/1997	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	2153	5/19/1997	None
							Death	LANSING	NHXX	6/8/1997	None
551	5/20/1997	None	225	221	Male	Not Contracepted	Hatch	AURORA	MG7510	5/20/1997	None
							Transfer	ORLANDO	MG7510	2/6/2001	None
							Death	ORLANDO	MG7510	8/8/2011	None
552	5/21/1997	None	435	223	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0107	5/21/1997	None
							Death	SEA WORLD	NEN	8/23/1997	None
553	5/22/1997	None	405	446	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0108	5/22/1997	None
							Death	SEA WORLD	NIN	5/26/1997	None
554	5/23/1997	None	92	87	Female	Not Contracepted	Hatch	JOHN BALL	301941	5/23/1997	None
							Transfer	AURORA	MG7545	2/24/2003	None
							Death	AURORA	NHXX	9/21/2003	None

555	5/29/1997	None	69	71	Unknown	Not Contracepted	Hatch	SAN FRAN	P97025	5/29/1997	None
							Death	SAN FRAN	NAXX	5/29/1997	None
556	4/7/1998	None	396	346	Unknown	Not Contracepted	Hatch	DES MOINE	1288	4/7/1998	None
							Death	DES MOINE	HIAK	4/12/1998	None
557	5/12/1998	None	181	444	Female	Not Contracepted	Hatch	LANSING	2242	5/12/1998	None
							Death	LANSING	AAAX	9/27/2002	None
558	5/13/1998	None	20	36	Female	Not Contracepted	Hatch	SAN FRAN	298030	5/13/1998	None
559	5/13/1998	None	181	444	Female	Not Contracepted	Hatch	LANSING	2243	5/13/1998	None
							Transfer	AURORA	MG7537	11/13/2002	None
							Transfer	LANSING	2243	10/23/2003	None
560	5/17/1998	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	298032	5/17/1998	None
							Transfer	SACRAMNTO	201644	2/20/2007	None
							Transfer	SAN FRAN	298032	5/17/2007	None
561	5/18/1998	None	462	456	Female	Not Contracepted	Hatch	SAN FRAN	298031	5/18/1998	None
							Death	SAN FRAN	NAAX	7/18/2002	None
562	5/18/1998	None	20	36	Female	Not Contracepted	Hatch	ORLANDO	MG2508	5/18/1998	None
563	5/20/1998	None	394	299	Male	Not Contracepted	Hatch	SAN FRAN	298033	5/20/1998	None
564	5/20/1998	None	337	300	Unknown	Not	Hatch	SAN FRAN	298034	5/20/1998	None

						Contracepted					
							Death	SAN FRAN	NAXK	6/24/1998	None
565	5/20/1998	None	405	446	Female	Not Contracepted	Hatch	AURORA	MG7511	5/20/1998	None
							Transfer	ORLANDO	MG7511	10/15/1998	None
566	5/21/1998	None	406	335	Unknown	Not Contracepted	Hatch	ORLANDO	MG2509	5/21/1998	None
							Death	ORLANDO	NHN	5/21/1998	None
567	5/22/1998	None	337	300	Female	Not Contracepted	Hatch	ORLANDO	MG2510	5/22/1998	None
							Transfer	NY BRONX	B02135	12/16/2002	None
							Transfer	LANSING	2596	10/23/2003	None
							Death	LANSING	NHXX	5/12/2004	None
568	5/23/1998	None	177	175	Unknown	Not Contracepted	Hatch	LANSING	2259	5/23/1998	None
							Death	LANSING	AHN	8/23/1999	None
569	5/24/1998	None	312	47	Male	Not Contracepted	Hatch	SAN FRAN	298035	5/24/1998	None
570	5/24/1998	None	402	382	Male	Not Contracepted	Hatch	AURORA	MG7512	5/24/1998	None
							Transfer	ORLANDO	MG7512	10/15/1998	None
571	5/25/1998	None	81	76	Male	Not Contracepted	Hatch	JOHN BALL	302110	5/25/1998	None
572	5/27/1998	None	284	306	Unknown	Not Contracepted	Hatch	ORLANDO	MG2511	5/27/1998	None
							Death	ORLANDO	NHN	5/27/1998	None
573	5/30/1998	None	439	438	Male	Not	Hatch	AURORA	MG7513	5/30/1998	None

						Contracepted					
							Transfer	SEA WORLD	MG-170	10/15/1998	None
							Transfer	AURORA	MG7513	4/7/1999	None
							Transfer	SEA WORLD	MG7513	2/18/2001	None
							Transfer	JOHN BALL	302690	12/12/2002	None
574	5/31/1998	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG7514	5/31/1998	None
							Transfer	ORLANDO	MG7514	10/15/1998	None
							Transfer	NY BRONX	B02134	12/16/2002	None
							Transfer	LANSING	2595	10/23/2003	None
575	5/31/1998	None	435	223	Male	Not Contracepted	Hatch	AURORA	MG7515	5/31/1998	None
							Transfer	SEA WORLD	MG7515	10/15/1998	None
							Transfer	AURORA	MG7515	4/16/2000	None
							Transfer	SEAWLD TX	MG7515	2/7/2001	None
576	6/1/1998	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG7516	6/1/1998	None
							Transfer	SEAWLD TX	MG7516	2/7/2001	None
							Transfer	BOISE	202137	4/15/2003	None
							Death	BOISE	202137	12/22/2010	None
577	6/1/1998	None	439	438	Female	Not Contracepted	Hatch	AURORA	MG7517	6/1/1998	None
							Transfer	SEA WORLD	MG7517	10/19/1998	None
578	6/5/1998	None	435	223	Unknown	Not Contracepted	Hatch	AURORA	MG7518	6/5/1998	None
							Death	AURORA	NHAL	6/9/1998	None

579	6/8/1998	None	72	269	Unknown	Not Contracepted	Hatch	ORLANDO	MG2512	6/8/1998	None
							Death	ORLANDO	NHN	6/8/1998	None
580	4/7/1999	None	396	346	Female	Not Contracepted	Hatch	DES MOINE	1317	4/7/1999	None
							Transfer	SAN FRAN	200125	12/7/2000	None
581	4/7/1999	None	396	346	Female	Not Contracepted	Hatch	DES MOINE	1318	4/7/1999	None
							Transfer	SAN FRAN	200126	12/7/2000	None
582	4/14/1999	None	342	341	Male	Not Contracepted	Hatch	DES MOINE	1332	4/14/1999	None
							Death	DES MOINE	NHN	6/21/2000	None
583	5/16/1999	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	299058	5/16/1999	None
							Transfer	DES MOINE	1486	3/14/2003	None
584	5/17/1999	None	402	382	Female	Not Contracepted	Hatch	AURORA	MG7519	5/17/1999	None
							Transfer	SEA WORLD	MG7519	6/26/1999	None
							Transfer	AURORA	MG7519	12/10/2002	None
							Transfer	SEA WORLD	MG7519	6/5/2004	None
							Transfer	SACRAMNTO	201656	1/21/2008	None
							Transfer	SEA WORLD	MG7519	2/1/2008	None
585	5/18/1999	None	20	36	Male	Not Contracepted	Hatch	SAN FRAN	299074	5/18/1999	None
							Transfer	AURORA	MG7529	6/7/2001	None
							Transfer	LANSING	2634	4/17/2004	None
586	5/19/1999	None	402	382	Female	Not	Hatch	AURORA	MG7520	5/19/1999	None

						Contracepted					
							Transfer	SEA WORLD	MG7520	6/26/1999	None
587	5/20/1999	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	299062	5/20/1999	None
							Transfer	AURORA	MG7530	6/7/2001	None
							Transfer	LANSING	2635	4/17/2004	None
							Transfer	NY BRONX	B06058	6/29/2006	None
588	5/21/1999	None	69	19	Unknown	Not Contracepted	Hatch	SAN FRAN	299064	5/21/1999	None
							Death	SAN FRAN	NHN	5/22/1999	None
589	5/25/1999	None	225	221	Male	Not Contracepted	Hatch	AURORA	MG7521	5/25/1999	None
							Transfer	ORLANDO	MG7521	2/6/2001	None
590	5/26/1999	None	72	306	Unknown	Not Contracepted	Hatch	SAN FRAN	299066	5/26/1999	None
							Death	SAN FRAN	NAGB	5/28/1999	None
591	5/28/1999	None	435	223	Female	Not Contracepted	Hatch	AURORA	MG7522	5/28/1999	None
							Transfer	SEA WORLD	MG7522	6/26/1999	None
							Transfer	SAN FRAN	202074	11/11/2002	None
592	5/30/1999	None	72	306	Unknown	Not Contracepted	Hatch	SAN FRAN	299073	5/30/1999	None
							Death	SAN FRAN	NHN	6/26/1999	None
593	5/30/1999	None	494	438	Female	Not Contracepted	Hatch	AURORA	MG7523	5/30/1999	None
							Transfer	SEA WORLD	MG7523	6/26/1999	None
							Transfer	JOHN BALL	302693	12/12/2002	None

							Death	JOHN BALL	NHFO	6/10/2004	None
594	5/31/1999	None	430	411	Male	Not Contracepted	Hatch	AURORA	MG7524	5/31/1999	None
							Transfer	SEAWLD TX	MG7524	2/7/2001	None
							Transfer	SEA WORLD	MG7524	4/19/2005	None
							Transfer	SACRAMNTO	201657	1/21/2008	None
							Transfer	SEA WORLD	MG7524	7/8/2008	None
							Transfer	SHEDD AQ	3946	5/7/2009	None
595	6/2/1999	None	435	223	Male	Not Contracepted	Hatch	AURORA	MG7525	6/2/1999	None
							Transfer	SEA WORLD	MG7525	6/26/1999	None
							Transfer	SEAWLD TX	MG7525	2/6/2001	None
							Transfer	SEA WORLD	MG7525	1/1/2002	Year
							Death	SEA WORLD	NHN	10/16/2003	None
596	6/24/1999	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL	302248	6/24/1999	None
							Death	JOHN BALL	NHN	6/24/1999	None
597	5/8/2000	None	531	507	Unknown	Not Contracepted	Hatch	LANSING	2410	5/8/2000	None
							Death	LANSING	FAAX	5/30/2000	None
598	5/11/2000	None	402	382	Female	Not Contracepted	Hatch	AURORA	MG7526	5/11/2000	None
							Transfer	SEAWLD TX	MG7526	2/6/2001	None
							Transfer	BOISE	202138	4/15/2003	None
							Death	BOISE	AAXX	8/27/2006	None
599	5/12/2000	None	181	444	Male	Not	Hatch	LANSING	2411	5/12/2000	None

						Contracepted					
							Death	LANSING	AAAX	8/30/2002	None
600	5/13/2000	None	533	517	Female	Not Contracepted	Hatch	SEA WORLD	MG0109	5/13/2000	None
							Transfer	SHEDD AQ	4080	5/7/2009	None
601	5/15/2000	None	69	19	Male	Not Contracepted	Hatch	SAN FRAN	200041	5/15/2000	None
602	5/17/2000	None	69	19	Unknown	Not Contracepted	Hatch	SAN FRAN	200042	5/17/2000	None
							Death	SAN FRAN	CAYX	5/19/2000	None
603	5/19/2000	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	200048	5/19/2000	None
							Transfer	AURORA	MG7531	6/7/2001	None
							Transfer	LANSING	2636	4/17/2004	None
							Transfer	NY BRONX	B06060	6/29/2006	None
604	5/20/2000	None	20	47	Male	Not Contracepted	Hatch	SAN FRAN	200053	5/20/2000	None
605	5/22/2000	None	394	299	Female	Not Contracepted	Hatch	SAN FRAN	200050	5/22/2000	None
							Death	SAN FRAN	NAEK	4/4/2004	None
606	5/22/2000	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	200051	5/22/2000	None
							Transfer	AURORA	MG7532	6/7/2001	None
							Transfer	LANSING	2637	4/17/2004	None
607	5/22/2000	None	538	347	Female	Not Contracepted	Hatch	JOHN BALL	302350	5/22/2000	None
							Transfer	AURORA	MG7541	2/24/2003	None

							Transfer	BOISE	204010	5/6/2004	None
608	5/22/2000	None	92	87	Female	Not Contracepted	Hatch	JOHN BALL	302351	5/22/2000	None
							Transfer	AURORA	MG7542	2/24/2003	None
							Transfer	BOISE	204011	5/6/2004	None
							Death	BOISE	204011	11/4/2012	None
609	5/23/2000	None	435	223	Male	Not Contracepted	Hatch	AURORA	MG7527	5/23/2000	None
							Transfer	SEAWLD TX	MG7527	2/7/2001	None
							Transfer	BOISE	202139	4/15/2003	None
							Death	BOISE	NHZK	2/26/2004	None
610	5/24/2000	None	538	347	Male	Not Contracepted	Hatch	JOHN BALL	302352	5/24/2000	None
611	5/24/2000	None	92	87	Male	Not Contracepted	Hatch	JOHN BALL	302353	5/24/2000	None
612	5/25/2000	None	394	299	Female	Not Contracepted	Hatch	SAN FRAN	200054	5/25/2000	None
							Transfer	SACRAMNTO	201639	2/20/2007	None
							Transfer	SAN FRAN	200054	5/17/2007	None
613	5/29/2000	None	81	514	Female	Not Contracepted	Hatch	JOHN BALL	302360	5/29/2000	None
							Transfer	AURORA	MG7543	2/24/2003	None
							Transfer	BOISE	204012	5/6/2004	None
							Death	BOISE	204012	11/3/2011	Month
614	5/14/1990	None	210	214	Female	Not Contracepted	Hatch	SEA WORLD	MG0055	5/14/1990	None
							Death	SEA WORLD	NHN	3/10/1993	None

615	5/8/1986	None	81	80	Unknown	Not Contracepted	Hatch	JOHN BALL		5/8/1986	None
							Death	JOHN BALL	NHN	5/13/1986	Day
616	5/9/1986	None	86	76	Unknown	Not Contracepted	Hatch	JOHN BALL		5/9/1986	None
							Death	JOHN BALL	NHN	5/29/1986	None
617	5/10/1986	None	81	80	Unknown	Not Contracepted	Hatch	JOHN BALL		5/10/1986	None
							Death	JOHN BALL	NHN	5/13/1987	Day
618	5/11/1986	None	86	76	Unknown	Not Contracepted	Hatch	JOHN BALL		5/11/1986	None
							Death	JOHN BALL	NHN	5/18/1986	None
619	5/6/1987	None	86	76	Unknown	Not Contracepted	Hatch	JOHN BALL		5/6/1987	None
							Death	JOHN BALL	NHN	5/16/1987	None
620	5/17/1987	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL		5/17/1987	None
							Death	JOHN BALL	NHN	5/24/1987	None
621	5/19/1987	None	92	87	Unknown	Not Contracepted	Hatch	JOHN BALL		5/19/1987	None
							Death	JOHN BALL	NHN	5/30/1987	None
622	5/10/2000	None	402	382	Male	Not Contracepted	Hatch	AURORA	MG7528	5/10/2000	None
							Transfer	SEAWLD TX	MG7528	2/7/2001	None
							Transfer	BOISE	202140	4/15/2003	None
							Death	BOISE	FAXX	9/4/2006	None
623	5/31/2000	None	371	368	Male	Not	Hatch	NY BRONX	B00077	5/31/2000	None

						Contracepted					
							Death	NY BRONX	NAYX	6/11/2000	None
624	5/11/2001	None	37	331	Male	Not Contracepted	Hatch	SAN FRAN	201032	5/11/2001	None
625	5/14/2001	None	69	19	Male	Not Contracepted	Hatch	SAN FRAN	202030	5/14/2001	None
							Transfer	SACRAMNTO	201642	2/20/2007	None
							Transfer	SAN FRAN	202030	1/10/2008	None
							Transfer	JACKSONVL	610316	1/27/2010	None
626	5/15/2001	None	37	331	Male	Not Contracepted	Hatch	SAN FRAN	201033	5/15/2001	None
							Death	SAN FRAN	NACD	8/1/2001	None
627	5/19/2001	None	337	300	Male	Not Contracepted	Hatch	SAN FRAN	201047	5/19/2001	None
							Transfer	DES MOINE	1485	3/14/2002	None
628	5/21/2001	None	69	19	Female	Not Contracepted	Hatch	SAN FRAN	201048	5/21/2001	None
629	5/21/2001	None	337	300	Male	Not Contracepted	Hatch	SAN FRAN	201049	5/21/2001	None
							Transfer	SACRAMNTO	201640	2/20/2007	None
							Transfer	SAN FRAN	201049	1/10/2008	None
630	5/27/2001	None	538	347	Female	Not Contracepted	Hatch	JOHN BALL	302550	5/27/2001	None
							Transfer	AURORA	MG7544	2/24/2003	None
							Transfer	BOISE	204013	5/6/2004	None
631	6/19/2001	None	81	514	Unknown	Not Contracepted	Hatch	JOHN BALL	302555	6/19/2001	None

							Death	JOHN BALL	CHAK	6/23/2001	None
632	5/4/2002	None	430	411	Female	Not Contracepted	Hatch	SEA WORLD	MG0110	5/4/2002	None
							Transfer	SEAWLD TX	MG0110	5/13/2009	None
633	5/6/2002	None	430	411	Male	Not Contracepted	Hatch	SEA WORLD	MG0111	5/6/2002	None
							Death	SEA WORLD	NHXX	8/30/2003	None
634	5/8/2002	None	435	382	Male	Not Contracepted	Hatch	SEA WORLD	MG0112	5/8/2002	None
							Transfer	JOHN BALL	302689	12/12/2002	None
							Transfer	JACKSONVL	613329	6/26/2013	None
635	5/11/2002	None	406	335	Female	Not Contracepted	Hatch	SAN FRAN	202027	5/11/2002	None
							Transfer	MONTERYAQ	2009112	11/23/2009	None
							Transfer	LONG B AQ	LBSM- 11-7	9/14/2011	None
636	5/11/2002	None	37	331	Male	Not Contracepted	Hatch	SAN FRAN	202028	5/11/2002	None
637	5/12/2002	None	494	591	Male	Not Contracepted	Hatch	SEA WORLD	MG0113	5/12/2002	None
							Transfer	AURORA	MG0113	12/10/2002	None
							Transfer	SEA WORLD	MG0113	6/5/2004	None
							Transfer	SEAWLD TX	MG0113	2/12/2005	None
							Transfer	SHEDD AQ	7203	4/8/2009	None
638	5/12/2002	None	69	19	Male	Not Contracepted	Hatch	SAN FRAN	202029	5/12/2002	None
							Transfer	MONTERYAQ	2009111	11/23/2009	None

							Transfer	LONG B AQ	LBSM-11-6	9/14/2011	None
639	5/13/2002	None	435	382	Male	Not Contracepted	Hatch	SEA WORLD	MG0114	5/13/2002	None
							Transfer	SEAWLD TX	MG5000	5/14/2003	None
							Transfer	SEA WORLD	MG0114	5/4/2005	None
							Death	SEA WORLD	AIDC	12/23/2005	None
640	5/14/2002	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0115	5/14/2002	None
							Transfer	SEAWLD TX	MG5001	5/14/2003	None
							Transfer	SEA WORLD	MG0115	5/4/2005	None
							Transfer	SEAWLD TX	MG5001	2/14/2007	None
							Transfer	SHEDD AQ	7147	4/8/2009	None
641	5/14/2002	None	476	485	Male	Not Contracepted	Hatch	SEA WORLD	MG0116	5/14/2002	None
							Transfer	SEAWLD TX	MG5002	5/14/2003	None
							Transfer	SHEDD AQ	7162	4/8/2009	None
642	5/15/2002	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0117	5/15/2002	None
							Transfer	SEAWLD TX	MG5003	5/14/2003	None
							Transfer	SEA WORLD	MG0117	5/19/2005	None
							Transfer	SACRAMNTO	201655	1/21/2008	None
							Transfer	SEA WORLD	MG0117	7/8/2008	None
							Death	SEA WORLD	MG0117	9/29/2008	None
643	5/16/2002	None	37	331	Unknown	Not Contracepted	Hatch	SAN FRAN	202031	5/16/2002	None

							Death	SAN FRAN	NAXX	5/17/2002	None
644	5/16/2002	None	538	347	Female	Not Contracepted	Hatch	JOHN BALL	302607	5/16/2002	None
							Transfer	ST LOUIS	102188	3/2/2003	None
645	5/18/2002	None	538	347	Male	Not Contracepted	Hatch	JOHN BALL	302608	5/18/2002	None
							Transfer	ST LOUIS	102189	3/2/2003	None
646	5/25/2002	None	72	306	Male	Not Contracepted	Hatch	SAN FRAN	202035	5/25/2002	None
647	5/26/2002	None	72	306	Male	Not Contracepted	Hatch	SAN FRAN	202036	5/26/2002	None
648	6/5/2002	None	560	47	Unknown	Not Contracepted	Hatch	SAN FRAN	202037	6/5/2002	None
							Death	SAN FRAN	NAXX	6/13/2002	None
649	6/7/2002	None	81	514	Unknown	Not Contracepted	Hatch	JOHN BALL	302634	6/7/2002	None
							Death	JOHN BALL	FHAB	6/16/2002	None
650	4/8/2002	None	233	244	Unknown	Not Contracepted	Hatch	TACOMA	T02P06	4/8/2002	None
							Death	TACOMA	IHAA	4/8/2002	None
651	5/15/2002	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T02P01	5/15/2002	None
							Death	TACOMA	T02P01	5/5/2010	None
652	5/22/2002	None	247	231	Unknown	Not Contracepted	Hatch	TACOMA	T02P02	5/22/2002	None
							Death	TACOMA	NIDN	5/22/2002	None
653	5/22/2002	None	321	240	Male	Not	Hatch	TACOMA	T02P03	5/22/2002	None

						Contracepted					
							Death	TACOMA	FIDC	5/1/2006	None
654	5/22/2002	None	247	231	Unknown	Not Contracepted	Hatch	TACOMA	T02P04	5/22/2002	None
							Go LTF	TACOMA	T02P04	5/22/2002	None
655	5/23/2002	None	321	240	Male	Not Contracepted	Hatch	TACOMA	T02P05	5/23/2002	None
							Death	TACOMA	KHXX	11/18/2005	None
656	5/21/2003	None	413	450	Female	Not Contracepted	Hatch	AURORA	MG7546	5/21/2003	None
							Transfer	JOHN BALL	302788	5/6/2004	None
							Transfer	LANSING	2851	2/26/2008	None
							Death	LANSING	2851	4/17/2013	None
657	5/11/2003	None	37	331	Female	Not Contracepted	Hatch	SAN FRAN	203022	5/11/2003	None
658	5/11/2003	None	394	580	Female	Not Contracepted	Hatch	SAN FRAN	203020	5/11/2003	None
							Death	SAN FRAN	NAAG	7/21/2006	None
659	5/13/2003	None	394	580	Male	Not Contracepted	Hatch	SAN FRAN	203021	5/13/2003	None
							Death	SAN FRAN	NADK	4/27/2004	None
660	5/14/2003	None	560	47	Female	Not Contracepted	Hatch	SAN FRAN	203023	5/14/2003	None
							Transfer	JACKSONVL	610317	1/27/2010	None
661	5/14/2003	None	495	534	Male	Not Contracepted	Hatch	SEA WORLD	MG0118	5/14/2003	None
							Death	SEA WORLD	NHXX	9/10/2003	None

662	5/15/2003	None	406	335	Male	Not Contracepted	Hatch	SAN FRAN	203025	5/15/2003	None
							Transfer	JACKSONVL	610318	1/27/2010	None
							Death	JACKSONVL	610318	3/9/2010	None
663	5/17/2003	None	461	612	Male	Not Contracepted	Hatch	SAN FRAN	203024	5/17/2003	None
							Death	SAN FRAN	NAHO	4/22/2005	None
664	5/17/2003	None	69	19	Female	Not Contracepted	Hatch	SAN FRAN	203028	5/17/2003	None
							Death	SAN FRAN	NAHO	11/29/2005	None
665	5/17/2003	None	560	47	Female	Not Contracepted	Hatch	SAN FRAN	203026	5/17/2003	None
							Transfer	NY BRONX	B11198	10/27/2011	None
666	5/18/2003	None	69	19	Female	Not Contracepted	Hatch	SAN FRAN	203029	5/18/2003	None
667	5/20/2003	None	519	433	Male	Not Contracepted	Hatch	SEA WORLD	MG0119	5/20/2003	None
							Death	SEA WORLD	NHN	9/24/2003	None
668	5/23/2003	None	297	391	Female	Not Contracepted	Hatch	NY BRONX	B03067	5/23/2003	None
							Death	NY BRONX	NHY	7/14/2003	None
669	5/23/2003	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0120	5/23/2003	None
							Death	SEA WORLD	NHN	10/15/2003	None
670	5/26/2003	None	337	300	Male	Not Contracepted	Hatch	SAN FRAN	203030	5/26/2003	None
							Transfer	SACRAMNTO	_____	2/20/2007	None

							Transfer	SAN FRAN	203030	1/8/2008	None
							Transfer	JACKSONVL	610319	1/27/2010	None
671	5/27/2003	None	247	231	Female	Not Contracepted	Hatch	TACOMA	T03P01	5/27/2003	None
							Death	TACOMA	NHXX	11/10/2004	None
672	5/27/2003	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T03P02	5/27/2003	None
							Death	TACOMA	FHDC	7/10/2006	None
673	5/28/2003	None	337	300	Female	Not Contracepted	Hatch	SAN FRAN	203031	5/28/2003	None
							Transfer	SACRAMNTO	201643	2/20/2007	None
							Transfer	SAN FRAN	203031	1/8/2008	None
							Transfer	MONTERYAQ	2009113	11/23/2009	None
							Transfer	LONG B AQ	LBSM- 11-8	9/14/2011	None
674	5/28/2003	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T03P03	5/28/2003	None
							Transfer	DES MOINE	2156	5/20/2010	None
675	6/2/2003	None	494	591	Male	Not Contracepted	Hatch	SEA WORLD	MG0121	6/2/2003	None
							Transfer	SAN FRAN	203032	6/2/2003	None
							Transfer	LONG B AQ	LBSM122	3/16/2012	None
							Death	LONG B AQ	LBSM122	4/23/2012	None
676	6/2/2003	None	494	591	Female	Not Contracepted	Hatch	SEA WORLD	MG0122	6/2/2003	None
							Transfer	SAN FRAN	203033	6/2/2003	None
							Death	SAN FRAN	NAAG	7/10/2006	None

677	6/3/2003	None	476	485	Unknown	Not Contracepted	Hatch	JOHN BALL	302732	6/3/2003	None
							Death	JOHN BALL	NHXX	7/6/2003	None
678	5/8/2004	None	604	628	Female	Not Contracepted	Hatch	SAN FRAN	204048	5/8/2004	None
							Transfer	JACKSONVL	610320	1/27/2010	None
679	5/8/2004	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0123	5/8/2004	None
							Transfer	SEAWLD TX	MG0123	2/14/2007	None
680	5/8/2004	None	604	628	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0124	5/8/2004	None
							Death	SEA WORLD	AIXX	5/24/2004	None
681	5/9/2004	None	435	382	Male	Not Contracepted	Hatch	SAN FRAN	204049	5/9/2004	None
							Death	SEA WORLD	AAY	12/16/2006	None
682	5/13/2004	None	297	391	Unknown	Not Contracepted	Hatch	NY BRONX	B04034	5/13/2004	None
							Death	NY BRONX	AHY	5/13/2004	None
683	5/16/2004	None	406	335	Male	Not Contracepted	Hatch	SEA WORLD	MG0125	5/16/2004	None
							Death	SEA WORLD	NHXX	7/18/2005	None
684	5/17/2004	None	611	76	Unknown	Not Contracepted	Hatch	JOHN BALL	302802	5/17/2004	None
							Death	JOHN BALL	FHAB	8/17/2004	None
685	5/17/2004	None	337	300	Female	Not Contracepted	Hatch	SEA WORLD	MG0126	5/17/2004	None
							Death	SEA WORLD	MG0126	6/10/2008	None

686	5/17/2004	None	69	19	Male	Not Contracepted	Hatch	SEA WORLD	MG0127	5/17/2004	None
							Transfer	SEAWLD TX	MG0127	2/12/2005	None
							Transfer	SEA WORLD	MG0127	2/19/2007	None
687	5/17/2004	None	37	331	Female	Not Contracepted	Hatch	SEA WORLD	MG0128	5/17/2004	None
							Transfer	SEAWLD TX	MG0128	2/12/2005	None
							Transfer	SEA WORLD	MG0128	3/1/2007	Day
							Death	SEA WORLD	MG0128	7/19/2008	None
688	5/19/2004	None	69	19	Female	Not Contracepted	Hatch	SEA WORLD	MG0129	5/19/2004	None
							Death	SEA WORLD	AHXX	3/28/2005	None
689	5/20/2004	None	406	335	Male	Not Contracepted	Hatch	SEA WORLD	MG0130	5/20/2004	None
							Death	SEA WORLD	FHDC	2/5/2007	None
690	5/21/2004	None	37	331	Female	Not Contracepted	Hatch	SAN FRAN	204050	5/21/2004	None
691	5/22/2004	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T04P01	5/22/2004	None
692	5/23/2004	None	569	581	Female	Not Contracepted	Hatch	SEA WORLD	MG0131	5/23/2004	None
							Transfer	SEAWLD TX	MG0131	2/12/2005	None
							Transfer	SEA WORLD	MG0131	2/12/2007	None
693	5/25/2004	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	204051	5/25/2004	None
							Transfer	MONTERYAQ	2009110	11/23/2009	None
							Transfer	LONG B AQ	LBSM-	9/14/2011	None

									11-9		
694	5/25/2004	None	232	214	Unknown	Not Contracepted	Hatch	JOHN BALL	302806	5/25/2004	None
							Death	JOHN BALL	NHN	6/1/2004	None
695	5/25/2004	None	574	559	Male	Not Contracepted	Hatch	LANSING	2644	5/25/2004	None
							Transfer	NY BRONX	B06059	6/29/2006	None
696	5/26/2004	None	72	306	Male	Not Contracepted	Hatch	SAN FRAN	204052	5/26/2004	None
							Transfer	BOISE	207044	1/8/2008	None
697	5/26/2004	None	494	591	Female	Not Contracepted	Hatch	SEA WORLD	MG0132	5/26/2004	None
							Transfer	SEAWLD TX	MG0132	3/22/2007	None
							Transfer	SHEDD AQ	7139	4/8/2009	None
698	5/26/2004	None	233	244	Female	Not Contracepted	Hatch	TACOMA	T04P02	5/26/2004	None
							Death	TACOMA	NHXX	8/10/2004	None
699	5/26/2004	None	232	214	Unknown	Not Contracepted	Hatch	JOHN BALL	302808	5/26/2004	None
							Death	JOHN BALL	NHN	6/1/2004	None
700	5/27/2004	None	494	591	Male	Not Contracepted	Hatch	SEA WORLD	MG0133	5/27/2004	None
							Death	SEA WORLD	MG0133	6/1/2011	None
701	6/1/2004	None	583	353	Female	Not Contracepted	Hatch	DES MOINE	1614	6/1/2004	None
702	5/1/2005	None	431	559	Male	Not Contracepted	Hatch	LANSING	2680	5/1/2005	None

							Transfer	JACKSONVL	611330	5/26/2011	None
703	5/13/2005	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T05P01	5/13/2005	None
704	5/15/2005	None	233	244	Unknown	Not Contracepted	Hatch	TACOMA	T05P02	5/15/2005	None
							Death	TACOMA	NHXX	8/25/2005	None
705	5/24/2005	None	535	87	Unknown	Not Contracepted	Hatch	JOHN BALL	302922	5/24/2005	None
							Death	JOHN BALL	NHXX	6/15/2005	None
706	5/25/2005	None	476	485	Female	Not Contracepted	Hatch	JOHN BALL	302925	5/25/2005	None
707	5/25/2005	None	535	87	Female	Not Contracepted	Hatch	JOHN BALL	302924	5/25/2005	None
							Transfer	JACKSONVL	613330	6/26/2013	None
708	5/26/2005	None	476	485	Unknown	Not Contracepted	Hatch	JOHN BALL	302927	5/26/2005	None
							Death	JOHN BALL	FAAB	6/1/2005	None
709	5/26/2005	None	81	516	Male	Not Contracepted	Hatch	JOHN BALL	302928	5/26/2005	None
710	12/2/2005	None	551	496	Unknown	Not Contracepted	Hatch	ORLANDO	MG2513	12/2/2005	None
							Death	ORLANDO	NIAX	12/12/2005	None
711	12/6/2005	None	551	496	Female	Not Contracepted	Hatch	ORLANDO	MG2514	12/6/2005	None
							Transfer	SEAWLD TX	mg2514	4/3/2009	None
712	5/5/2006	None	431	559	Female	Not Contracepted	Hatch	LANSING	2751	5/5/2006	None

713	5/6/2006	None	431	559	Female	Not Contracepted	Hatch	LANSING	2752	5/6/2006	None
							Death	LANSING	NHXX	5/12/2006	None
714	5/17/2006	None	327	330	Female	Not Contracepted	Hatch	SAN FRAN	206034	5/17/2006	None
715	5/20/2006	None	327	330	Male	Not Contracepted	Hatch	SAN FRAN	206035	5/20/2006	None
							Transfer	BOISE	207045	1/8/2008	None
							Death	BOISE	207045	2/18/2013	None
716	5/22/2006	None	451	349	Female	Not Contracepted	Hatch	SAN FRAN	206036	5/22/2006	None
717	5/22/2006	None	233	244	Male	Not Contracepted	Hatch	TACOMA	T06P01	5/22/2006	None
718	5/24/2006	Day	573	515	Female	Not Contracepted	Hatch	JOHN BALL	303045	5/24/2006	Day
719	5/24/2006	Day	573	515	Female	Not Contracepted	Hatch	JOHN BALL	303049	5/24/2006	Day
720	5/24/2006	None	451	349	Unknown	Not Contracepted	Hatch	SAN FRAN	206037	5/24/2006	None
							Death	SAN FRAN	206037	8/8/2008	None
721	5/25/2006	None	535	87	Unknown	Not Contracepted	Hatch	JOHN BALL	303050	5/25/2006	None
							Death	JOHN BALL	NHY	6/5/2006	None
722	5/25/2006	None	535	87	Male	Not Contracepted	Hatch	JOHN BALL	303051	5/25/2006	None
723	5/26/2006	None	476	485	Male	Not Contracepted	Hatch	JOHN BALL	303054	5/26/2006	None
724	5/29/2006	None	569	581	Male	Not	Hatch	SAN FRAN	206039	5/29/2006	None

						Contracepted					
							Death	SAN FRAN	206039	3/29/2008	None
725	5/31/2006	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	206040	5/31/2006	None
							Transfer	BOISE	207046	1/8/2008	None
726	6/1/2006	None	232	214	Male	Not Contracepted	Hatch	JOHN BALL	303071	6/1/2006	None
727	6/17/2006	None	610	513	Unknown	Not Contracepted	Hatch	JOHN BALL	303082	6/17/2006	None
							Death	JOHN BALL	IHY	6/17/2006	None
728	5/6/2006	None	622	598	Female	Not Contracepted	Hatch	BOISE	206003	5/6/2006	None
729	5/4/2007	None	431	559	Female	Not Contracepted	Hatch	LANSING	2817	5/4/2007	None
730	5/10/2007	None	512	527	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0137	5/10/2007	None
							Death	SEA WORLD	MG0137	6/5/2007	None
731	5/11/2007	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0138	5/11/2007	None
							Transfer	SOUTH CAR	UNK	2/24/2009	None
							Transfer	SEA WORLD	MG0138	11/2/2010	None
732	5/15/2007	None	533	517	Male	Not Contracepted	Hatch	SEA WORLD	MG0139	5/15/2007	None
733	5/17/2007	None	601	657	Female	Not Contracepted	Hatch	SAN FRAN	207057	5/17/2007	None
							Death	SAN FRAN	207057	7/7/2008	None
734	5/18/2007	None	519	433	Male	Not	Hatch	SEA WORLD	MG0140	5/18/2007	None

						Contracepted						
735	5/18/2007	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0141	5/18/2007	None	
736	5/20/2007	None	519	433	Female	Not Contracepted	Hatch	SEA WORLD	MG0142	5/20/2007	None	
737	5/21/2007	None	217	685	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0143	5/21/2007	None	
						Death	SEA WORLD	MG0143	6/2/2007	None		
738	5/22/2007	None	451	349	Male	Not Contracepted	Hatch	SAN FRAN	207058	5/22/2007	None	
739	5/22/2007	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	207059	5/22/2007	None	
						Transfer	JACKSONVL	610321	1/27/2010	None		
						Death	JACKSONVL	610321	11/29/2010	None		
740	5/22/2007	None	594	600	Female	Not Contracepted	Hatch	SEA WORLD	MG0144	5/22/2007	None	
741	5/24/2007	None	594	600	Male	Not Contracepted	Hatch	SEA WORLD	MG0145	5/24/2007	None	
						Transfer	SEAWLD TX	MG0145	5/13/2009	None		
742	5/26/2007	None	451	349	Male	Not Contracepted	Hatch	SAN FRAN	207061	5/26/2007	None	
						Transfer	JACKSONVL	610322	1/27/2010	None		
						Death	JACKSONVL	610322	9/6/2010	None		
743	6/1/2007	None	611	76	Male	Not Contracepted	Hatch	JOHN BALL	303205	6/1/2007	None	
						Transfer	ST LOUIS	106610	5/29/2008	None		
						Death	ST LOUIS	106610	9/22/2011	None		

744	6/1/2007	None	535	87	Male	Not Contracepted	Hatch	JOHN BALL	303206	6/1/2007	None
							Transfer	ST LOUIS	106613	5/29/2008	None
745	6/8/2007	None	476	485	Male	Not Contracepted	Hatch	JOHN BALL	303215	6/8/2007	None
							Transfer	ST LOUIS	106611	5/29/2008	None
746	6/14/2007	None	476	485	Male	Not Contracepted	Hatch	JOHN BALL	303222	6/14/2007	None
							Transfer	ST LOUIS	106612	5/29/2008	None
747	11/24/2007	None	439	436	Male	Not Contracepted	Hatch	ORLANDO	MG2515	11/24/2007	None
							Transfer	SEAWLD TX	MG2515	4/3/2009	None
							Transfer	SEA WORLD	MG2515	3/29/2010	None
748	5/5/2008	None	431	559	Male	Not Contracepted	Hatch	LANSING	2860	5/5/2008	None
							Transfer	JACKSONVL	611331	5/26/2011	None
749	5/14/2008	None	627	701	Female	Not Contracepted	Hatch	DES MOINE	2005	5/14/2008	None
750	5/31/2008	None	573	515	Female	Not Contracepted	Hatch	JOHN BALL	303429	5/31/2008	None
751	5/2/2008	None	693	690	Male	Not Contracepted	Hatch	SAN FRAN	208008	5/2/2008	None
752	5/5/2008	None	560	612	Female	Not Contracepted	Hatch	SAN FRAN	208007	5/5/2008	None
							Transfer	JACKSONVL	610323	1/27/2010	None
753	5/18/2008	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	208013	5/18/2008	None

754	11/19/2008	None	439	436	Male	Not Contracepted	Hatch	ORLANDO	MG2516	11/19/2008	None
755	11/21/2008	None	441	565	Male	Not Contracepted	Hatch	ORLANDO	MG2517	11/21/2008	None
756	11/22/2008	None	439	436	Male	Not Contracepted	Hatch	ORLANDO	MG2518	11/22/2008	None
757	11/24/2008	None	589	562	Male	Not Contracepted	Hatch	ORLANDO	MG2519	11/24/2008	None
758	11/28/2008	None	589	562	Male	Not Contracepted	Hatch	ORLANDO	MG2520	11/28/2008	None
							Death	ORLANDO	MG2520	1/10/2011	None
759	12/1/2008	None	570	493	Female	Not Contracepted	Hatch	ORLANDO	MG2521	12/1/2008	None
760	5/18/2008	None	495	534	Male	Not Contracepted	Hatch	SEA WORLD	MG0148	5/18/2008	None
761	5/20/2008	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0149	5/20/2008	None
762	5/21/2008	None	519	433	Female	Not Contracepted	Hatch	SEA WORLD	MG0150	5/21/2008	None
763	5/22/2008	None	532	577	Male	Not Contracepted	Hatch	SEA WORLD	MG0151	5/22/2008	None
764	5/25/2008	None	519	433	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0152	5/25/2008	None
							Death	SEA WORLD	MG0152	5/28/2008	None
765	5/6/2009	None	693	690	Unknown	Not Contracepted	Hatch	SAN FRAN	20914	5/6/2009	None
							Death	SAN FRAN	20914	5/15/2009	None
766	5/8/2009	None	693	690	Unknown	Not	Hatch	SAN FRAN	209015	5/8/2009	None

						Contracepted					
							Death	SAN FRAN	209015	5/22/2009	None
767	5/10/2009	None	604	628	Female	Not Contracepted	Hatch	SAN FRAN	209016	5/10/2009	None
							Transfer	NY BRONX	B11199	10/27/2011	None
768	5/11/2009	None	604	628	Male	Not Contracepted	Hatch	SAN FRAN	209017	5/11/2009	None
							Transfer	NY BRONX	B11196	10/27/2011	None
769	5/12/2009	None	675	660	Female	Not Contracepted	Hatch	SAN FRAN	209018	5/12/2009	None
770	5/15/2009	None	638	714	Unknown	Not Contracepted	Hatch	SAN FRAN	209019	5/15/2009	None
							Death	SAN FRAN	209019	5/23/2009	None
771	5/17/2009	None	624	716	Unknown	Not Contracepted	Hatch	SAN FRAN	209020	5/17/2009	None
							Death	SAN FRAN	209020	6/3/2009	None
772	5/24/2009	None	569	581	Female	Not Contracepted	Hatch	SAN FRAN	209021	5/24/2009	None
773	5/4/2009	None	583	346	Female	Not Contracepted	Hatch	DES MOINE	2067	5/4/2009	None
							Transfer	TACOMA	T10P02	5/13/2010	None
							Death	TACOMA	T10P02	9/4/2010	None
774	5/5/2009	None	583	346	Female	Not Contracepted	Hatch	DES MOINE	2068	5/5/2009	None
							Transfer	TACOMA	T10P01	5/13/2010	None
775	5/8/2009	None	217	692	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0153	5/8/2009	None

							Death	SEA WORLD	MG0153	5/8/2009	None
776	6/1/2009	None	594	600	Unknown	Not Contracepted	Hatch	SEA WORLD	MG0154	6/1/2009	None
							Recapture	SEA WORLD	MG0154	7/31/2009	None
							Death	SEA WORLD	MG0154	7/31/2009	None
777	5/16/2009	None	675	660	Female	Not Contracepted	Hatch	SHEDD AQ	4128	5/16/2009	None
778	5/19/2009	None	638	714	Female	Not Contracepted	Hatch	SHEDD AQ	4155	5/19/2009	None
779	5/22/2009	None	629	591	Female	Not Contracepted	Hatch	SHEDD AQ	4160	5/22/2009	None
780	5/22/2009	None	569	581	Female	Not Contracepted	Hatch	SHEDD AQ	4171	5/22/2009	None
781	5/23/2009	None	629	591	Female	Not Contracepted	Hatch	SHEDD AQ	5204	5/23/2009	None
782	5/20/2009	None	646	300	Unknown	Not Contracepted	Hatch	SHEDD AQ	4146	5/20/2009	None
							Death	SHEDD AQ	4146	6/8/2009	None
783	11/1/2008	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	NONE	6/1/2009	Year
							Transfer	MONTERYAQ	200913	9/21/2009	None
							Transfer	SAN FRAN	211013	9/27/2011	None
784	11/1/2008	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	NONE	6/1/2009	Year
							Transfer	MONTERYAQ	200915	9/21/2009	None
							Transfer	SAN FRAN	211015	9/27/2011	None
785	6/1/2008	Unknown	WILD	WILD	Male	Not	Hatch	S.AMERICA	NONE	6/1/2008	Unknown

						Contracepted					
							Wild Capture	BRAZIL	NONE	6/1/2009	Year
							Transfer	MONTERYAQ	200914	9/21/2009	None
							Transfer	SAN FRAN	211014	9/27/2011	None
786	6/1/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	12/7/2009	Year
							Transfer	MONTERYAQ	2009118	12/7/2009	None
							Transfer	SAN FRAN	211016	9/27/2011	None
787	11/1/2008	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	4/13/2010	None
							Transfer	MONTERYAQ	201005	4/13/2010	None
							Transfer	SAN FRAN	211018	9/27/2011	None
788	10/1/2008	+/- 3 Months	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	4/13/2010	None
							Transfer	MONTERYAQ	201004	4/13/2010	None
							Transfer	SAN FRAN	211017	9/27/2011	None
789	5/10/2010	None	393	559	Male	Not Contracepted	Hatch	LANSING	3002	5/10/2010	None
790	5/11/2010	None	606	656	Female	Not Contracepted	Hatch	LANSING	3005	5/11/2010	None
791	5/12/2010	None	583	346	Male	Not Contracepted	Hatch	DES MOINE	2154	5/12/2010	None
							Death	DES MOINE	2154	6/19/2011	None
792	5/9/2010	None	604	628	Female	Not Contracepted	Hatch	SHEDD AQ	3474	5/9/2010	None
793	5/12/2010	None	601	657	Female	Not	Hatch	SHEDD AQ	3480	5/12/2010	None

						Contracepted					
794	5/13/2010	None	604	628	Female	Not Contracepted	Hatch	SHEDD AQ	3491	5/13/2010	None
795	5/14/2010	None	560	612	Unknown	Not Contracepted	Hatch	SHEDD AQ	3508	5/14/2010	None
							Death	SHEDD AQ	3508	5/27/2010	None
796	5/16/2010	None	601	657	Male	Not Contracepted	Hatch	SHEDD AQ	3511	5/16/2010	None
797	5/18/2010	None	624	716	Female	Not Contracepted	Hatch	SHEDD AQ	3597	5/18/2010	None
798	5/19/2010	None	624	716	Male	Not Contracepted	Hatch	SAN FRAN	210007	5/19/2010	None
							Transfer	NY BRONX	B11197	10/27/2011	None
799	5/20/2010	None	69	665	Male	Not Contracepted	Hatch	SHEDD AQ	3890	5/20/2010	None
800	5/20/2010	None	569	581	Unknown	Not Contracepted	Hatch	SHEDD AQ	3600	5/20/2010	None
							Death	SHEDD AQ	3600	6/16/2010	None
801	5/22/2010	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	210009	5/22/2010	None
							Transfer	LONG B AQ	LBSM123	3/16/2012	None
802	5/23/2010	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	210011	5/23/2010	None
803	5/26/2010	None	587	279	Male	Not Contracepted	Hatch	NY BRONX	B10077	5/26/2010	None
804	5/26/2010	None	81	516	Male	Not Contracepted	Hatch	JOHN BALL	303622	5/26/2010	None
805	5/28/2010	None	571	347	Male	Not	Hatch	JOHN BALL	303623	5/28/2010	None

						Contracepted					
806	6/2/2010	None	476	87	Male	Not Contracepted	Hatch	JOHN BALL	303624	6/2/2010	None
807	6/6/2010	None	476	87	Male	Not Contracepted	Hatch	JOHN BALL	303627	6/6/2010	None
808	12/1/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	MONTERYAQ	3	3/7/2011	Month
							Transfer	TACOMA	T11P01	4/8/2011	None
809	12/1/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	MONTERYAQ	8	3/7/2011	Month
							Transfer	TACOMA	T11P02	4/8/2011	None
810	12/1/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	MONTERYAQ	12	3/7/2011	Month
							Transfer	TACOMA	T11P03	4/8/2011	None
811	12/1/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	None
							Transfer	MONTERYAQ	6	3/7/2011	Month
							Transfer	TACOMA	T11P04	4/8/2011	None
812	4/29/2010	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0155	4/29/2010	None
813	4/30/2010	None	217	692	Female	Not Contracepted	Hatch	SEA WORLD	MG0156	4/30/2010	None
814	5/1/2010	None	405	446	Male	Not Contracepted	Hatch	SEA WORLD	MG0157	5/1/2010	None

816	5/16/2011	None	402	433	Male	Not Contracepted	Hatch	SEA WORLD	MG0160	5/16/2011	None
817	5/21/2011	None	UNK	UNK	Unknown	Not Contracepted	Hatch	JOHN BALL	303752	5/21/2011	None
							Death	JOHN BALL	303752	6/18/2011	None
818	6/8/2011	None	476	87	Unknown	Not Contracepted	Hatch	JOHN BALL	303762	6/8/2011	None
							Death	JOHN BALL	303762	6/17/2011	None
819	6/2/2011	None	573	515	Unknown	Not Contracepted	Hatch	JOHN BALL	303759	6/2/2011	None
							Death	JOHN BALL	303759	6/2/2011	None
820	5/15/2011	None	604	628	Male	Not Contracepted	Hatch	SAN FRAN	211002	5/15/2011	None
							Transfer	LONG B AQ	LBSM124	3/16/2012	None
821	5/20/2011	None	462	714	Female	Not Contracepted	Hatch	SAN FRAN	211005	5/20/2011	None
							Death	SAN FRAN	211005	8/27/2012	None
822	5/20/2011	None	563	581	Male	Not Contracepted	Hatch	SAN FRAN	211006	5/20/2011	None
							Transfer	LONG B AQ	LBSM125	3/16/2012	None
823	5/23/2011	None	646	300	Male	Not Contracepted	Hatch	SAN FRAN	211009	5/23/2011	None
824	5/24/2011	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	211010	5/24/2011	None
							Transfer	LONG B AQ	LBSM126	3/16/2012	None
825	5/16/2011	None	402	433	Female	Not Contracepted	Hatch	SEA WORLD	MG0161	5/16/2011	None

826	5/23/2011	None	627	701	Female	Not Contracepted	Hatch	DES MOINE	2267	5/23/2011	None
							Death	DES MOINE	2267	11/1/2012	None
827	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	008262	2/1/2011	Unknown
							Transfer	JACKSONVL	611307	4/8/2011	None
828	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	007769	2/1/2011	Unknown
							Transfer	JACKSONVL	611308	4/8/2011	None
829	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	0030699	2/1/2011	Unknown
							Transfer	JACKSONVL	611309	4/8/2011	None
830	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	007773	2/1/2011	Unknown
							Transfer	JACKSONVL	611310	4/8/2011	None
831	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	NONE	1/1/2011	Unknown
							Transfer	USDAAPHIS	UNK	2/11/2011	None
							Transfer	SEA WORLD	UNK	3/14/2011	None
							Transfer	LONG B AQ	LBSM- 11-1	4/7/2011	None
832	11/15/2009	Unknown	WILD	WILD	Male	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	USDAAPHIS	UNK	2/11/2011	None
							Transfer	SEA WORLD	UNK	3/14/2011	None
							Transfer	LONG B AQ	LBSM- 11-4	4/7/2011	None

833	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	USDAAPHIS	UNK	2/11/2011	None
							Transfer	SEA WORLD	UNK	3/14/2011	None
							Transfer	LONG B AQ	SM-11-2	4/7/2011	None
							Death	LONG B AQ	SM-11-2	9/12/2011	None
834	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	USDAAPHIS	UNK	2/11/2011	None
							Transfer	SEA WORLD	UNK	3/14/2011	None
							Transfer	LONG B AQ	LBSM- 11-3	4/7/2011	None
835	11/15/2009	Unknown	WILD	WILD	Female	Not Contracepted	Wild Capture	BRAZIL	UNK	1/1/2011	Unknown
							Transfer	USDAAPHIS	UNK	2/11/2011	None
							Transfer	SEA WORLD	UNK	3/14/2011	None
							Transfer	LONG B AQ	LBSM- 11-5	4/7/2011	None
836	4/28/2012	None	735	527	Female	Not Contracepted	Hatch	SEA WORLD	MG0164	4/28/2012	None
837	4/29/2012	None	734	584	Male	Not Contracepted	Hatch	SEA WORLD	MG0165	4/29/2012	None
838	5/19/2012	None	722	706	Male	Not Contracepted	Hatch	JOHN BALL	303834	5/19/2012	None
839	5/20/2012	None	462	714	Female	Not Contracepted	Hatch	SAN FRAN	212009	5/20/2012	None
840	5/26/2012	None	462	714	Male	Not	Hatch	SAN FRAN	212016	5/26/2012	None

						Contracepted						
841	6/3/2012	None	606	656	Male	Not Contracepted	Hatch	LANSING	4009	6/3/2012	None	
842	5/1/2010	+/- 6 Months	UNK	UNK	Male	Not Contracepted	Hatch	MUNDOMARI	1570	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0167	11/7/2012	None	
843	5/1/2010	+/- 6 Months	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	1552	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0168	11/7/2012	None	
844	5/1/2010	+/- 6 Months	UNK	UNK	Male	Not Contracepted	Hatch	UNKNOWN	1568	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0169	11/7/2012	None	
845	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1551	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0171	11/7/2012	None	
846	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1321	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0172	11/7/2012	None	
847	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1569	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0174	11/7/2012	None	
848	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1571	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0175	11/7/2012	None	
849	5/1/2010	+/- 6 Months	UNK	UNK	Female	Not Contracepted	Hatch	UNKNOWN	1320	5/1/2010	+/- 6 Months	
							Transfer	SEA WORLD	MG0176	11/7/2012	None	

850	5/26/2012	None	646	300	Female	Not Contracepted	Hatch	SAN FRAN	212017	5/26/2012	None
851	5/27/2012	None	569	581	Male	Not Contracepted	Hatch	SAN FRAN	212018	5/27/2012	None
852	5/15/2013	None	722	706	Unknown	Not Contracepted	Hatch	JOHN BALL	303981	5/15/2013	None
							Death	JOHN BALL	303981	5/20/2013	None
853	5/17/2013	None	722	706	Unknown	Not Contracepted	Hatch	JOHN BALL	303984	5/17/2013	None
							Death	JOHN BALL	303984	5/31/2013	None
854	5/20/2013	None	718	723	Unknown	Not Contracepted	Hatch	JOHN BALL	303985	5/20/2013	None
855	5/25/2013	None	571	719	Unknown	Not Contracepted	Hatch	JOHN BALL	303988	5/25/2013	None
856	5/28/2013	None	571	719	Unknown	Not Contracepted	Hatch	JOHN BALL	303989	5/28/2013	None
857	5/20/2013	None	393	559	Unknown	Not Contracepted	Hatch	LANSING	4070	5/20/2013	None
858	5/21/2013	None	393	559	Female	Not Contracepted	Hatch	LANSING	4071	5/21/2013	None
							Death	LANSING	4071	7/29/2013	None
859	6/19/2013	None	801	835	Female	Not Contracepted	Hatch	LONG B AQ	LBSM 13-1	6/19/2013	None
860	6/25/2013	None	693	635	Male	Not Contracepted	Hatch	LONG B AQ	LBSM 13-2	6/25/2013	None
861	5/13/2013	None	624	716	Female	Not Contracepted	Hatch	SAN FRAN	213011	5/13/2013	None
862	5/17/2013	None	624	716	Male	Not	Hatch	SAN FRAN	213012	5/17/2013	None

						Contracepted						
863	5/20/2013	None	646	300	Female	Not Contracepted	Hatch	SAN FRAN	213014	5/20/2013	None	
864	5/25/2013	None	569	581	Unknown	Not Contracepted	Hatch	SAN FRAN	213019	5/25/2013	None	
865	5/29/2013	None	785	783	Unknown	Not Contracepted	Hatch	SAN FRAN	213020	5/29/2013	None	
TOTALS: 303.262.299 (864)												

Historical Institutions

HISTORIC INSTITUTIONS

Mnemonic	Name	Address	City	State	Country	Mail Code	Phone	Fax	Email	Liaison	Notes	Synonyms
AURORA	Six Flags Worlds of Adventure (1989-04)	Attn: Zoology Dept.	Aurora	OH	USA	44202	+1.330.562.8101					SEAWRLDOH, SEAWLD OH, SW-OHIO, WORLDOFAD
BRAZIL	BRAZIL		SOUTH AMERICA	American Region								BRZ, BRASIL, BRASILE, BRASILIEN, BRAZILIA, BRAZILIE, E BRAZIL, BRASLIA
CHATHAM	Grindstone Valley Zoological (extinct)	R.R. 1 Box 290	Chatham	IL	USA	62629	+1.217.483.3410					GRINDSTON, REYNOLDS, BRADREYNO, B REYNOLD, B.REYNOLD, REYNOLDSB, GRINDSTNE, GRINSTONE, GRIVALZOO
CHILE	CHILE		SOUTH AMERICA	American Region								
COLO SPRG	Cheyenne Mtn Zoological Park	4250 Cheyenne Mountain Zoo Rd.	Colorado Springs	CO	USA	80906	+1.719.633.9925					CHEYEN MT, CHEYENNE, COLO SPGS, CO SPR CO, COL SPRIN, COLOSPGS
DETROIT	Detroit Zoological Society	8450 W 10 Mile Rd.	Royal Oak	MI	USA	48067- 3001	+1.248.541.5717					DETROIT Z, DETROITZO
DULUTH	Lake Superior Zoological Gardens	7210 Fremont St.	Duluth	MN	USA	55807	+1.218.730.4500					LK SUPZOO, LAKESUPER
FERNDALE	International Animal Exchange, Inc.	25600 Woodward Ave., Suite 110	Royal Oak	MI	USA	48067	+1.248.398.6533					IAE, BRIANHUNT, I.A.E., INT AN EX, INT AN XC, INT AN.EX, INT.AN.EX, INTANEX, INTANEXCH, INTANIEXC, INTANIMEX, INTL.ANIM, Z.ANI.EX, Z.ANI.EX.
GULF AQUA	Gulf of Maine Research Institute	350 Commercial St.	Portland	ME	USA	04101	+1.207.772.2321					MAINE AQU
HYATT KOL	Hyatt Hotel Hawaii	1571 Poipu Road	Koloa	HI	USA	96756	+1.808.742.1234					HYATT, HYATT HAW, HYATTHAWA

LISBOA AQ	Oceanario de Lisboa	Esplanada D. Carlos I	Lisboa		Portugal	1990-196	+351.21.891.7002					LISBOA-AQ, OCEANARIO
MONTERYAQ	Monterey Bay Aquarium	886 Cannery Row	Monterey	CA	USA	93940-1085	+1.831.648.4800					
MUNDOMARI	Mundo Marino	Av. X No. 157	San Clemente del Tuy	Buenos Aires	Argentina		+54.252.21071					
NEWTON W	Wayne Newton's Aramus Arabian	Casa de Shenandoah	Las Vegas	NV	USA	89120	+1.702.451.0444					W NEWTON, WAYNENEWT
NORTHLAND	Northland Wildlife	2601 E Highway 169	Grand Rapids	MN	USA	55744	+1.218.326.0515					BOVEY, TROUMBLEY, TROMBLEY, B. TROMBY, NLANDWLIF, NLNDWDLF, NORTH WLD, NORTHALND, TROUMBLY, B TROUBL
Not Reported												
PHILADELPH	The Philadelphia Zoo	3400 W Girard Ave.	Philadelphia	PA	USA	19104	+1.215.243.1100					PHILIZOO, PHILAEDA
PITTSBURG	Pittsburgh Zoo & PPG Aquarium	One Wild Place	Pittsburgh	PA	USA	15206-1178	+1.412.665.3639					HIGHLAND, PK ZOO, PITTSBG, PITTBURG, PITTS PA, PITTS, PA, PITTSBRG, PITTSBUR, PTTSBRGH
PROSPECTP	Prospect Park Zoo	450 Flatbush Ave.	Brooklyn	NY	USA	11225	+1.718.399.7333					PROS PARK, PROSPECT, PROSPECTZ
RAPID CIT	Marine Life Aquarium	HC 41, Box 365	Rapid City	SD	USA	57701	+1.605.348.0403					
S.AMERICA	SOUTH AMERICA		AMERICAN REGION									SA, S AMERICA, SOUTH AME, S. AMERIC, SO AMERIC, SOUTHAMER, S.AMERIKA, SO. AMERI, SO.AMERIC, SOAMERICA, SOTHAMERI, SOUTH AM, STH.AMERI, SUDAMERIC, STH AMERI
SACRAMNTO	Sacramento Zoo	3930 W Land Park Dr.	Sacramento	CA	USA	95822-1123	+1.916.808.5166					SACRAMENT, SCRMENTO.
sea world												
SIOUX FAL	Great Plains Zoo	805 S Kiwanis Ave	Sioux Falls	SD	USA	57104-3714	+1.605.367.7003					GR PLAINS, GREAT PLA, GREATPLNS, GRTPLAINS, SOUIX FAL, SOUIXFALL
SOUTH CAR	SOUTH CAROLINA		USA	NORTH AMERICA	USA							S CAROLIN, S. CAROLI, SCAROLIN, SCAROLINA, SO CAROLI

SOUTHWICK	Southwick's Zoo	2 Southwick St.	Mendon	MA	USA	01756	+1.508.883.9182				D.SOTHWCK, SOUTWICKS
UNKNOWN	Unknown Location										UKN, MISSING, NONE, NOT KNOWN, XXXXXXXX, UNKNOWN, UNBEKANNT, UUNKNOWN, XX, XXXXXXXXX, UN K, N/A
USDAAPHIS	USDA / APHIS / Wildlife Services				USA						USDA, U S D A, USDA-CA, USDA-SD, USDAAMES
WATERTNSD	Bramble Park Zoo	P.O. Box 910	Watertown	SD	USA	57201-0910	+1.605.882.6269				BRAMBLEPK, BRAMBLE P, BRAMBLE, BRAMBLEPA
WEBB B	Robert Webb	572 Toro Canyon Road	Santa Barbara	CA	USA	93108	+1.805.565.9691				WEBBROBER, BOB WEBB, WEBB, WEBB BOB, WEBB/SW, WEBBBOBBY, B WEBB, B.WEBB, B. WEBB, WEBBBOBBY, BOBBYWEBB, BOBBY WEB
WILD	Wild Population										WILD (GA), WILD CAUG, WILDWILD, AUFFANG, WILD BORN

Current Institutions

CURRENT INSTITUTIONS

Mnemonic	Name	Address	City	State	Country	Mail Code	Phone	Fax	Email	Liaison	Notes	Synonyms
BOISE	Zoo Boise	355 N Julia Davis Dr.	Boise	ID	USA	83706	+1.208.384.4230					BOISE CTY, BOISE CY., ZOO BOISE
CINCINNAT	Cincinnati Zoo & Botanical Garden	3400 Vine St.	Cincinnati	OH	USA	45220-1399	+1.513.281.4701					CINNCINAT, CINCINAT, CINCINATT, CINCINATI, CINNCINNA
DES MOINE	Blank Park Zoo of Des Moines	7401 SW 9th St.	Des Moines	IA	USA	50315	+1.515.285.4722					BLANKPRK, BLANKPARK, DESMOINES, BLANK PRK, BLANK PK, BLANK PAR
JACKSONVL	Jacksonville Zoo and Gardens	370 Zoo Parkway	Jacksonville	FL	USA	32218-5769	+1.904.757.4463					JACKSNVLE, JACKSONVI
JOHN BALL	John Ball Zoological Garden	1300 W. Fulton St.	Grand Rapids	MI	USA	49504-6100	+1.616.336.4301					GRAND RAP, JOHNBALL
LANSING	Potter Park Zoological Gardens	1301 S Pennsylvania Ave	Lansing	MI	USA	48912	+1.517.483.4221					POTTER PK
LONG B AQ	Aquarium of the Pacific, Long Beach	100 Aquarium Way	Long Beach	CA	USA	90802-8126	+1.562.951.3100					AOP
NY BRONX	Bronx Zoo/Wildlife Conservat'n Society	2300 Southern Blvd.	Bronx	NY	USA	10460-1099	+1.718.220.5125					BRONX, NYZS, BRONX NY, BRONX ZOO, BRONZ ZOO, W.C.S., NYBRONX, NY-BRONX, WCS, NYZ-BRONX, NEWYORK
ORLANDO	Sea World Orlando	7007 Sea World Dr.	Orlando	FL	USA	32821-8097	+1.407.363.2662					SEAWRLDFL, SEAWLD FL, SEAWORLDDF, SEAWRD FL
SAN FRAN	San Francisco Zoological Gardens	1 Zoo Rd.	San Francisco	CA	USA	94132-1098	+1.415.753.7146					SANFRANCA, SANFRANSI, SANFRANZO, SF ZOO, SAN FRANS, SANFRANCI
SEA WORLD	Sea World San Diego	500 Sea World Dr.	San Diego	CA	USA	92109-7904	+1.619.222.6363					SANDIEGOS, SEAWRLDCA, SEAWORLD, SEAWLD CA, SEAWLD SD
SEAWLD TX	Sea World San Antonio	10500 Sea World Dr.	San Antonio	TX	USA	78251-3001	+1.210.523.3272					SEAWRD TX, SEAWRDTEX, SEAWRLDTE, SEAWRLDTX, SEAWORLDT, SEAWLDTX

SHEDD AQ	John G. Shedd Aquarium	1200 S Lake Shore Dr.	Chicago	IL	USA	60605-2490	+1.312.939.2438				
ST LOUIS	Saint Louis Zoological Park	1 Government Dr.	St. Louis	MO	USA	63110-1395	+1.314.781.0900				ST. LOUIS, ST.LOUIS, ST,LOUISZ, STLOUIS, STLOUISZO
TACOMA	Point Defiance Zoo & Aquarium	5400 N Pearl St.	Tacoma	WA	USA	98407-3218	+1.253.404.3631				TACOMA AQ, POINT DEF, PTDEFIANC

AZA Regional Studbook Disclaimer

Copyright 2013 by Wildlife Conservation Society (WCS) / Bronx Zoo. All rights reserved. No part of this publication may be reproduced in hard copy, machine-readable or other forms without advance written permission from the WCS/Bronx Zoo. Members of the Association of Zoos and Aquariums (AZA) may copy this information for their own use as needed.

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

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

