

ZOO BASEL

**GREATER ONE-HORNED RHINOCEROS
(RHINOCEROS UNICORNIS)**

INTERNATIONAL STUDBOOK 2019



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Greater One-Horned Rhinoceros

Rhinoceros unicornis Linné, 1758

Updated, 31 December 2019

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Reference:

von Houwald, F. 2020. International Studbook for the greater one-horned rhinoceros 2019. Zoo Basel, Switzerland



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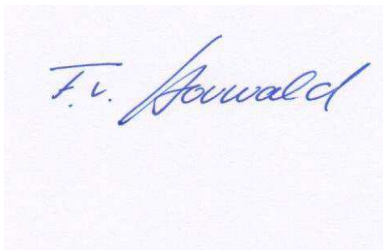
1 Acknowledgment

On 31st of December 2019, 224 (116.107.1) animals were living in 80 zoological institutions worldwide. The age distribution is healthy, with 12 (8.4) animals born in 2018 at nine institutions and 9 (2.7) animals born at nine institutions in 2019. 7 (5.2) animals died during 2018 and 5 (3.2) died during 2019.

In 2019, the studbook was moved to ZIMS, therefore all data are now from ZIMS and the format of the studbook changed thereby as well.

Still, not all zoos in all regions use ZIMS and the information flow from certain zoos is more than poor. The information provided to ZIMS from some zoos do not match the information from previous data put into SPARKS. I did not remove animals from SPARKS upon an assumption that they are dead or have been moved to another facility just because they were not recorded in ZIMS. The reason for not doing so is that the entry (of what actually has happened to that individual) would rely on an assumption and would not match reality. Therefore, the data are left as previously recorded in SPARKS and I hope that I will receive more information – especially from India – in order to sort out these mismatches.

Nevertheless, I very much appreciate the input I received from various people over the years and hope that the data are getting better with each new studbook.

A handwritten signature in blue ink, reading "F.v. Houwald", on a light blue background.

Dr. Friederike von Houwald

International Studbook Keeper for the Greater one-horned rhinoceros

2 Biological Data

Name	Greater one-horned rhinoceros or Indian rhinoceros
Present distribution	India (Assam, West Bengal, Uttar Pradesh), Nepal
Population status	Vulnerable, CITES Appendix I
Habitat	Riverine grasslands of the Terai and Brahmaputra basins

Food

Greater one-horned rhinos feed predominantly on grass, but are known to consume a wide range of other plants, such as leaves, branches, shrubs, cultivated crops and fruits. In addition, the rhinos frequently visit areas rich in minerals.

Behaviour

Social groupings

Adult males and adult females without calves live mostly solitarily. Males defend loosely defined territories, which can overlap with territories of other males. The strongest male usually has the best food area. As territories depend strongly on the availability of food, they change during the different seasons.

A female and a calf stay together at least, until the calf reaches the age of 3 - 4 years. Female calves are tolerated for a longer period, whereas young bulls leave the mother and form loose 'boy groups'. Females wander loosely between the territories of the bulls and mate usually with the strongest one.

Short-term aggregations

The most common aggregations occur in mud wallows. As rhinos graze in the morning and afternoon, they use the hottest time of the day to submerge in wallows or water. At those places, rhinos seem to be more tolerant against each other. After wallowing they separate again. During the monsoon the water level is rising to extreme levels. Although adults as well as young animals are good swimmers, it often occurs that calves are separated from their mothers.

Reproduction

Birth weight in captivity:	64.5kg (44 - 91kg)
Gestation length in captivity:	479.1 days (425-496 days)
Oestrus cycle in captivity:	30-45 days
Interbirth interval in the wild:	34 - 50 months
Interbirth interval in captivity:	32.6 months
Sexual maturity:	Females: 4 – 6 years

Males: 7 - 10 years

First reproduction in captivity:

Male of known age: 6 years, 3 months, 24 days

Female: 4 years and 7 days

Mating takes place throughout the year (wild) and there is no specific calving season.

A calf drinks on average 20 - 30 litres of milk per day. The milk is very rich in lactose and low in fat. On average a calf gains 1 - 2kg weight per day. Calves suckle for a long period (up to 20 months) but do start feeding on roughage at an early age (3 months).

Sizes and weights

Body weight in the wild:

Up to 2000kg

Body weight in captivity:

Males: 1800 - 2300kg

Females: 1500 - 2100kg

Shoulder height in the wild:

150 - 180cm, with males being taller

Shoulder height in captivity:

Males up to 195cm, females up to 172cm

Head-body-length:

Between 3 -4m (with captive animals usually being taller and larger than wild animals).

Horn length in captivity:

Typically between 20 – 60cm

Longevity

Animals in captivity live on average up to 35 - 40 years, maximum recorded age is 45 years.

3 Status and Conservation

At the end of 2019, the numbers of wild Greater one-horned rhinos stand at 3588. These numbers include all animals living in Nepal as well as in India.

Despite the fact that wild populations are rising, poaching is still an ongoing threat.

Situation in India

As many as 102 rhinos have been poached in India since 2008 / 2009 with 84 GOHs being killed in Assam alone.

An analysis of the data showed that the maximum killings took place in 2017 and 2014 (22 each year), followed by 11 in 2010, eight in 2015 and 2009 and seven in 2011, 2012 and 2018, five in 2016, three in 2008 and two in 2017 (numbers taken from an article 22 January 2019, Hindustantimes).

Apart from poaching, the biggest threat for GOH are habitat loss and encroachment. Alien plant species, such as mimosa invasions arriving from tea estates, cause tremendous problems to the habitat and food resources for GOH.

Additional challenges come with the monsoon, as well described in a report written by Jack Bedford, Fundraising Officer from Save the Rhino (<https://www.savetherhino.org/asia/india/monsoon-brings-danger-and-opportunity-for-assams-greater-one-horned-rhinos/>):

Kaziranga National Park, home to the largest population of Greater one-horned rhinos (*Rhinoceros unicornis*) in the world, sits on the southern banks of the mighty Brahmaputra River, which runs through Assam. In mid-July, a month after the first rains fell in Assam this year, the river burst its banks, inundating land on either side of its vast width. At the flood's peak, as much as 95% of Kaziranga was underwater (up to a depth of 4.5 m), causing massive disturbance to the wildlife that calls the park home.

How does the monsoon impact Kaziranga?

By 1 August 2019, 91 people lost their lives and more than 3 million were displaced or otherwise affected by the flooding in Assam alone. Additionally, 220 large animals have died in Kaziranga as a result of the floods, including:

- 146 hog deer
- 13 sambar deer
- 20 wild boars
- 1 elephant
- 21 Greater one-horned rhinos (including 16 calves)

Whilst the flood sounds disastrous for people and wildlife alike, this annual phenomenon plays an important role in maintaining the balance of the local ecosystem. Firstly, when the river floods, rich alluvial soil is deposited on the grasslands surrounding the river. This adds vital nutrients to the land and, once the floodwaters have receded, will allow the grasses to flourish. Fresh growth benefits the Park's large populations of herbivores, like rhinos and deer, by providing a renewed, plentiful food source. In turn, animals higher up the food chain, such as tigers, benefit too.

The flood also prevents the grasslands from becoming woodland. Without the floods, the grasslands would, over time, naturally convert to woods. This would be disastrous for the rhinos and many other species relying on this important grassland habitat.

Monsoon waters also tackle a newer threat facing the park. In recent years, the Park has had to deal with the spread of the invasive water hyacinth. This plant (originally from South America) outcompetes native flora, including the natural food plants of rhinos and other species, and clogs waterways, threatening the ecology of the Park. During the monsoon, the floods wash away the water hyacinth, giving native plants a chance to recolonise Kaziranga.

Another interesting effect of the floods is on animal populations as a whole. The animals that have died during the monsoon tend to be the weakest; those that are old, young, ill or injured. The floods are a mediator of natural selection: the strongest, fittest animals tend to survive. These animals can then continue to breed and produce the next generation, passing on the genes that made them so successful, meaning that future generations will be better adapted to cope with the floods.

Focusing on rhinos, although it is always incredibly sad to hear of rhinos dying, the number lost represents less than 1% of Kaziranga's total population of Greater one-horned rhinos (yet this is more than the number of Assam's total rhinos lost to poaching in a year (in 2017, only nine rhinos were killed by poachers in Assam State). However, this loss is unlikely to have a large negative impact on the population or its future growth, and Kaziranga will retain its status as the home of the largest population of Greater one-horned rhinos in the world.

However, whilst the floods are a natural, annual occurrence in Assam, their impacts on rhinos and wildlife can be exacerbated by human development. As roads, shops, restaurants and hotels have been built around Kaziranga, this has impacted the movement of wildlife, blocking their passage to higher land, where they would naturally retreat during floods. To try and redress the balance, conservationists in the Park have constructed artificial highlands to act as refuges for animals fleeing the rising waters. Some of the Park's rhinos have been seen using these highlands, showing their importance as an alternative to natural refuge areas.

In some hopeful news, 72 animals have been rescued from the floodwaters, including five rhinos. They have received expert care, and many have already been released, giving them a second chance to thrive in the Park.

Conservation work / information:

In **India**, the International Rhino Foundation (IRF), is active in the management and conservation of wild greater one-horned rhinos. On their website, <https://rhinos.org/where-we-work/indian-rhino-vision-2020/> they report about their initiative to work in cooperation with various NGOs and government for the Indian Rhino Vision 2020 (IRV 2020). Some highlights are presented here:

2005 to 2008— IRF and their Indian Rhino Vision 2020 partners worked with local communities and park and government authorities to improve protection and monitoring of existing populations, constructing guard posts, patrol roads, and bridges.

April 2008 — Rhino translocations began and over the next 4 years, IRV 2020 moved 18 Indian rhinos from Pabitora Wildlife Sanctuary and Kaziranga National Park to Manas National Park (a protected area and UNESCO World Heritage site that had previously been home to a large rhino population before the poaching

crisis). An additional eight rhinos were moved to Manas by the Centre for Wildlife Rehabilitation and Conservation.

Mid-2012 – One of the females gave birth to the first calf born in Manas since rhino reintroductions began! A total of 18 rhino calves have been born in the park – a sure sign that the translocated animals are adapting well to their new home.

2012- 2013 – Unfortunately, this population has also been touched by a region-wide increase in poaching. After losing eight animals, IRV 2020 halted rhino translocations to Manas in 2013 to focus on improving security. Training in new patrolling methods, along with the support of new park leadership, has made a big difference – only one rhino was lost to poaching in Manas in 2014 and one in 2017. The current population of rhinos in Manas continues to thrive with two more births in 2019.

February 29, 2020 – The 19th & 20th translocations under IRV2020 were completed with two females moved from Kaziranga to Manas NP, bringing the total Manas population to 40.

Aaranyak is an Indian NGO that is also very active in the protection of greater one-horned rhinos in Assam.

For further information please have a look at their webpage:

<https://www.aaranyak.org/showsubsubpage.asp?ssubid=38&subid=3&id=2>

Situation in Nepal

The situation in Nepal has been very stable since almost 10 years. Current numbers for Nepal are at 650 individuals.

There are about 600 in Chitwan National Park, and the other 50 scattered across the Parsa Wildlife Reserve, and Bardia and Shuklaphanta National Parks.

51 rhino deaths were reported in two fiscal years: 25 in 2016-2017, and 26 in 2017-2018. The majority of these deaths were recorded as natural and due to old age, fights over females, following territorial battles due to loss of habitat, illness, getting trapped in quicksand, during birth, drowning, electric shocks and injuries, and other undetermined unnatural reasons. The officials further informed that the floods in 2017 and 2018 also swept away and killed rhinoceros. The numbers rose further in 2018-2019, and the last reported death in the park was on March 24, 2019, bringing the total to 41 deaths in the previous nine months.

Chitwan National Park, in average has reported 23 to 25 rhinos by natural death every year. An article in the Himalayan times from June 23 2019 notices that in 2019 on average one Greater one-horned rhinoceros dies every eight days in Chitwan National Park. This has prompted authorities to conduct a comprehensive study on whether Nepal's first national park is becoming densely populated with the animal. Despite the increase in death of rhinos, the population of the endangered animal in Chitwan National Park has not come down, as 50 baby rhinos are being born every year, according to park officials.

In **Nepal**, the National Trust for Nature Conservation is working in various areas on the protection of greater one-horned rhinos. On their website <https://ntnc.org.np/index.php/thematic-area/greater-one-horned-rhino> they state:

Rhino conservation in Nepal has taken a long journey. Once widespread throughout the lowlands, they were reduced to only few pockets by 1950s and only around 100 individuals. Conservation efforts boosted the population by the 1990s but took a toll during the political turmoil between 1996 to 2006. Their numbers are now rising again and reaches over 600 individuals. Strengthened park management combined with effective army patrols along with community engagement have allowed Chitwan's rhinos to rebound from extinction. Chitwan National Park remains the stronghold of rhino population in Nepal and in order to reduce the vulnerability of a single population to stochastic events—disease and natural disasters—NTNC in collaboration with the Government of Nepal and conservation partners have translocated rhinos to Bardia and Suklaphanta National Parks to create additional viable populations. Since 2009, NTNC in collaboration with the park authorities has initiated ID-based rhino monitoring which has been valuable in evidence-based planning for rhino conservation. NTNC works closely with the parks to implement SMART Patrolling and support with the livelihood improvement of buffer zone communities to discourage poaching. A result of joint effort between Government of Nepal, NTNC, conservation partners and community, Nepal has won widespread praise from international conservationists. In 2013, 2015 and 2016, Nepal celebrated zero poaching of rhinos. Going forward, NTNC will continue to engage in research and monitoring of rhinos, providing rescue operations and veterinarian care, engaging local communities and promote transboundary cooperation for rhino conservation. Readily available to the sighting eye, NTNC continues to promote rhino attraction to wildlife tourists.

For further information on rhino conservation projects, please visit:

www.rhinos.org

www.savetherhinos.org

www.ntnc.org

www.araanyak.org

Or contact friederike.vonhouwald@zoobasel.ch

4 Demographic and Genetic Analysis

4.1. Demographic analysis

As of 31 December 2019 the International Studbook listed 224 (116/107.1) Greater one-horned (GOH) in 80 institutions.

The age structure, illustrated in Figure 1, of the captive greater one-horned rhinoceros population is healthy. There are a few more males born than females. At the end of 2016, a total of 118 males and 104 females were living. In the past years, an almost even number of males and females have been born.

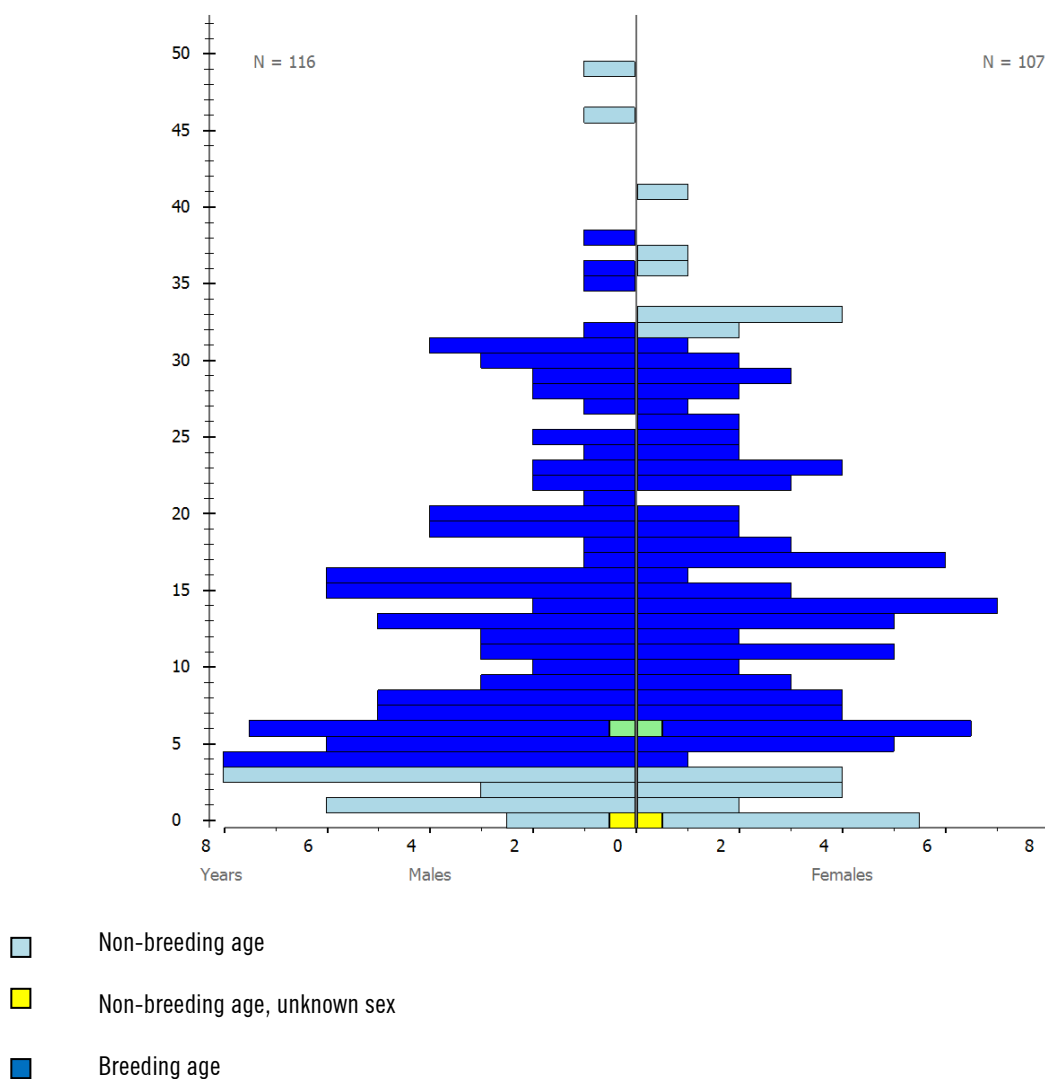


Figure 1 Age pyramid of the captive populations of the greater one-horned rhinoceros at the end of 2019

Total	224 (116.107.1)
Pre Reproductive	35 (19/16)

Breeding Age	179 (95/84)
Post Reproductive	11 (2/9)
Proven Breeder	96 (34/62)
Of breeding age	89 (34/55)
Contracepted	0.3
Sterilized	0

Life Table Summary (years)

	Total	Males	Females
r	0.019	0.014	0.024
lambda	1.019	1.014	1.025
T	15.8 years	17.6 years	14.0 years
Ro	1.345	1.281	1.408
N 20 years	326.8	165.2	161.5

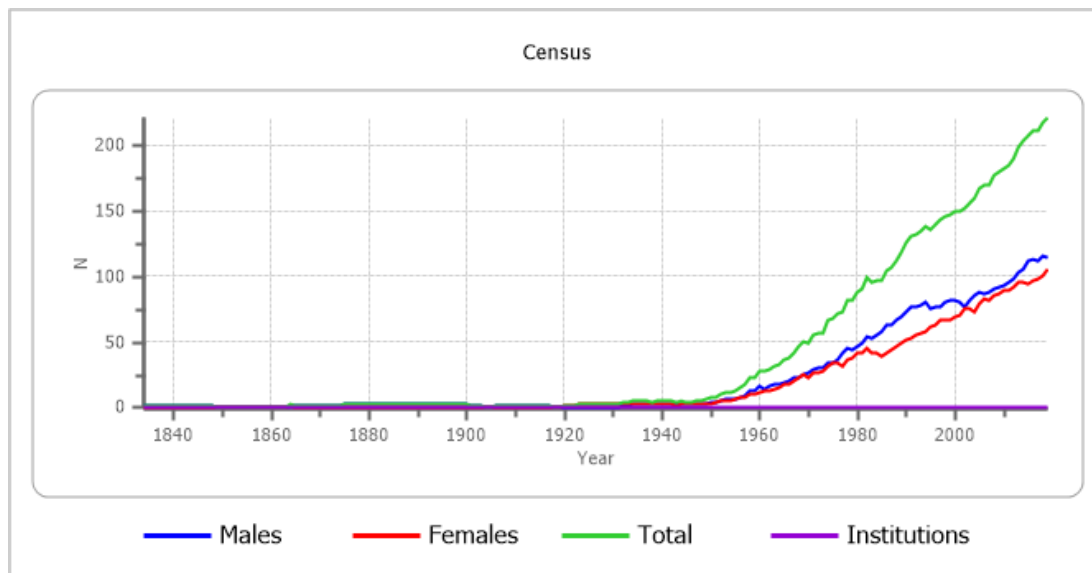


Figure 2 Census of the Greater one-horned rhino population

The graph clearly shows a continuous rise of the population. The number of males and females is almost equal.

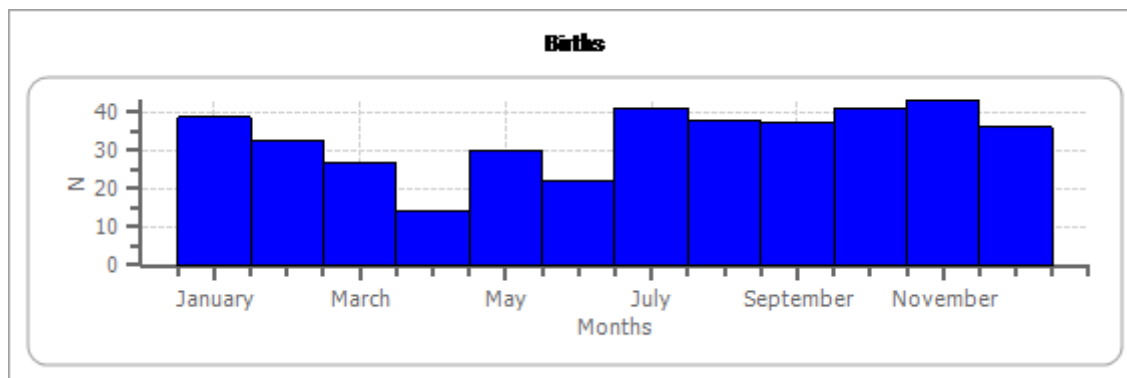


Figure 3a Seasonality in birth

The slight seasonality in birth can be associated with the seasonality in mating. Most zoos allow courtship starting in spring, when temperatures allow animals to be outside day and night.

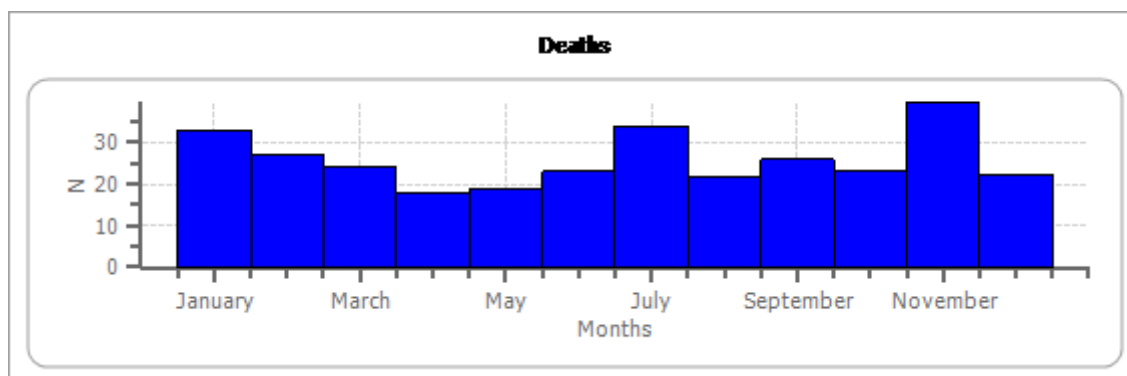


Figure 3b Seasonality in death

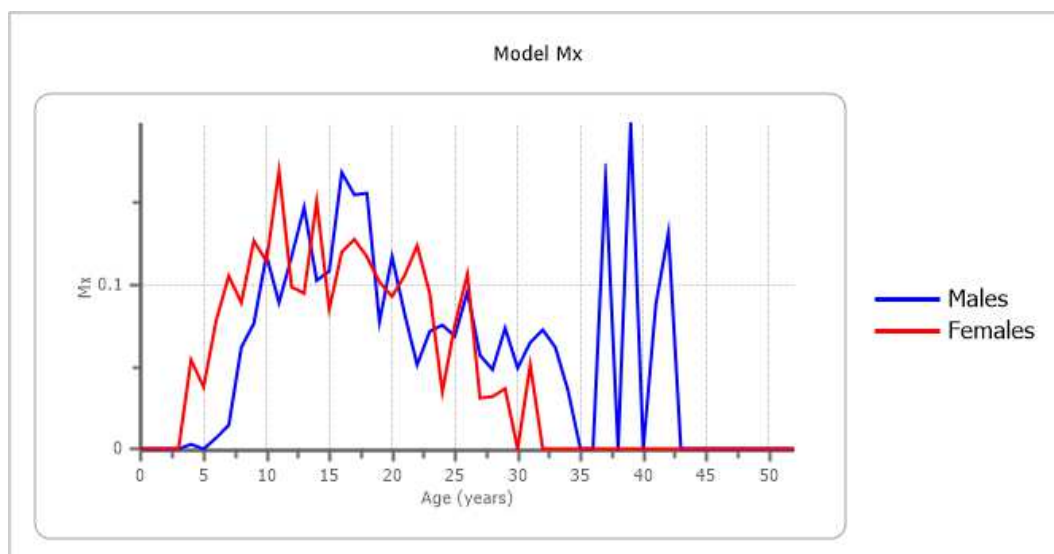


Figure 4 Age-specific rates of fecundity (Mx)

It illustrates the onset of fecundity (females can start at the age of 3 -4 years, males at the age of 6-7) and the end of fecundity (females stop at the age of around 30, males almost 12 years later).



Figure 5 Reproductive value (V_x)

It supports the previous figure and highlights the peak of reproduction between the age of 4 / 8 (females / males) and 16 / 20 (females / males). Males are capable of reproducing until the age of 40.



Figure 6 Mortality (Q_x)

It can be noticed that the mortality rate of the first 30 days stands at 19% (including both sexes). When comparing data from 2016 with data from 2019, it can be noticed that this mortality rate has gone down from 23% to 19%. Research in this matter is necessary as it is assumed that mainly behavioural aspects and animal management play an important role.

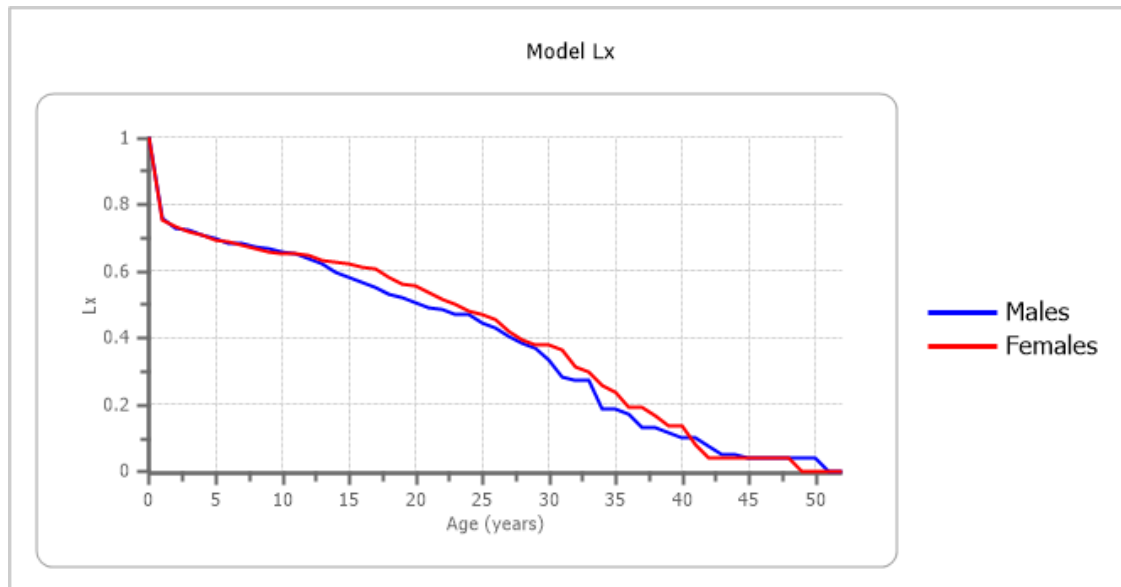


Figure 7 Survivorship (Lx)

In general, there are no major death rates recorded apart from the above-mentioned infant mortality. The average age of zoo Greater one-horned rhinos in zoos is for females at 22.5 years ($L_x = 0.5$) and males at 20 years ($L_x = 0.5$). Compared to previous years, the L_x value for both sexes went up.

Table 2 Summary Demography statistics

Population Size	116.107.1 = 224
Life expectancy from birth to death	23.1 years
30 day mortality	0.19 (N=363)
25% live to	33.8 years
10 % live to	40.9 years
Oldest living	50.0 (ID:398) years
λ	1.019

Please notice here that the data for the oldest living animal may not be correct. This animal is apparently living at Calcutta Zoo.

Table 3 Summary Genetics

Founders	41
Potential (additional) Founders	22
Living Animals	224
Living Descendants	197.00
% Pedigree Known	100%
% Ancestry Certain	100%
Gene Diversity	0.9656
Population Mean Kinship	0.0344
Gene Value	0.9
Founder Genome Equivalents	11.41
Founder Genomes Surviving	26.05
Potential Gene Diversity	0.9901
Mean Inbreeding	0.0344
Ne/N	0.4159

Figure 8 Founder Representation

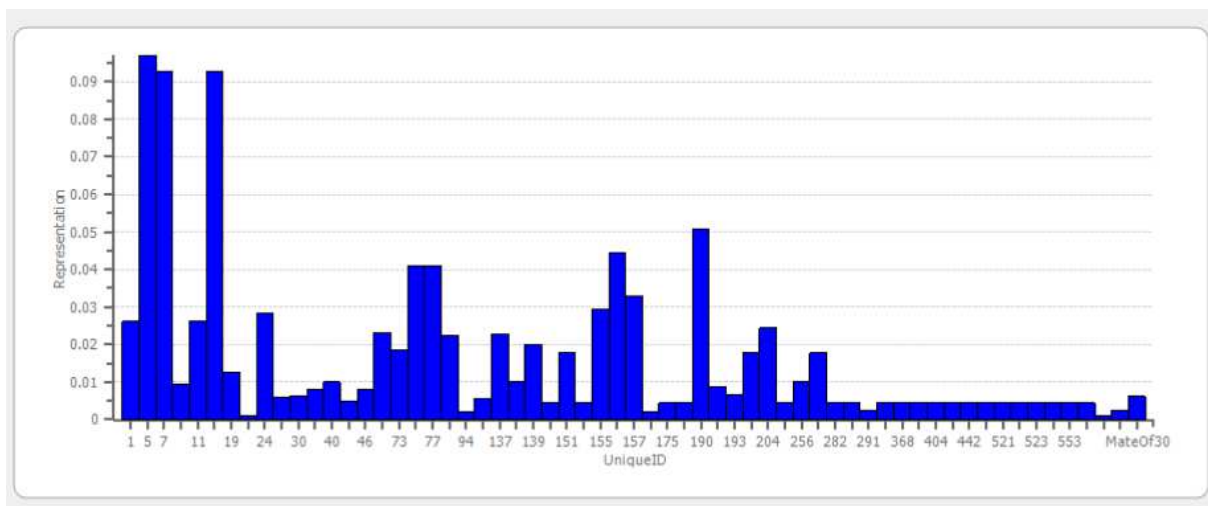


Figure 9 Founder Contribution

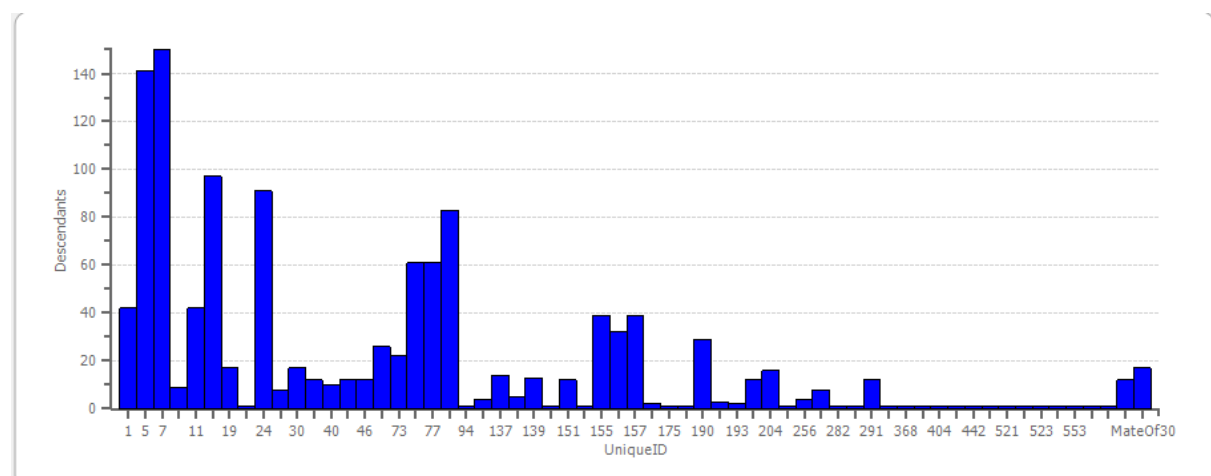
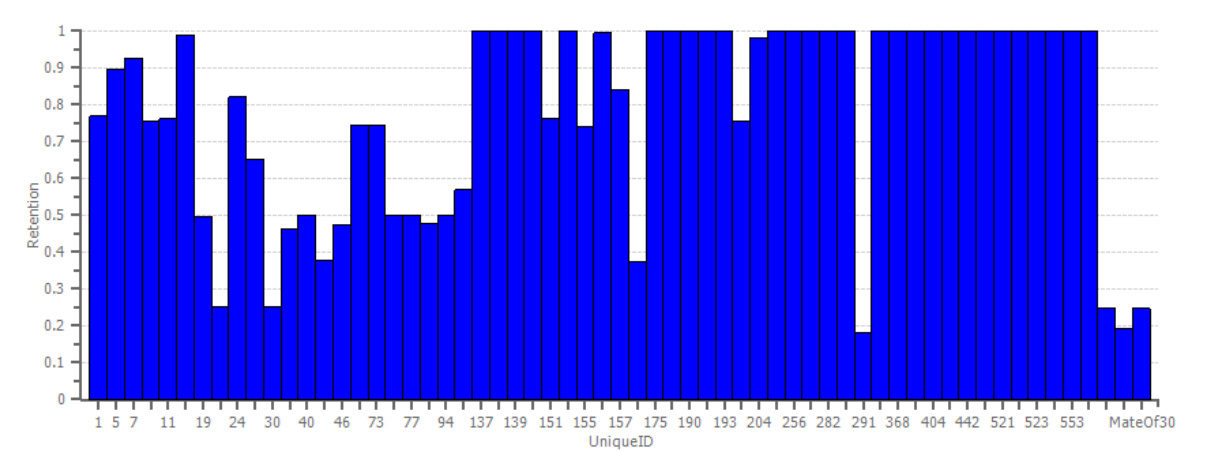


Figure 10 Founder Retention



5 Abbreviations

Sex

F = female

M = male

U = unknown sex

Parents

WILD = Animal has been captured from the wild

UNK = Captive born animal, but the identification of the parents (or sire / dam) is impossible

Breeder Name

Assam = animal born in Assam, including the Kaziranga NP

Kaz = animal born in Kaziranga NP

Nepal = animal born in Nepal

India = animal born on the Indian subcontinent, including Nepal

The breeder name shows the name of the place where an animal was born or captured. The following letter or number indicates the sequences of birth or capture.

For example:

Kaz 5 = the 5th animal captured in the Kaziranga Reserve (as often animals are reported, that have been captured years ago, the number unfortunately does no longer correspond with a certain year / time)

Basel 28 = the 28th animal born in Basel Zoological Garden

Status

B = Birth

P = Purchase

L = Loan

R = Return from loan

D = Donation

T = Trade

O = Owner

REL = Release

6 Events in 2018 and 2019

6.1.1 Births in 2018

Births 12 (8.4) in 9 institutions with 1.1 DNS

Studbook ID	GAN	Current Location	House Name	Current Local ID	Sex Type	Birth Date	Current Status	Sire	Dam
556	QRD18-03123	BEAUV AL	SANANDA	M02297	Female	Jan 16, 2018	Alive	336	360
567	JLG19-03966	BERLINZOO	Karl	Undetermined	Male	Sep 05, 2018	Alive	166	226
559	OFF18-23347	CHESTER	AKENO	C18418	Male	May 03, 2018	Alive	339	376
564	GGW18-01349	LISBON		12535	Female	Jul 04, 2018	Dead	188	201
563	YZQ18-01681	NYIREGYHA	Csülök	M13601	Male	Sep 26, 2018	Alive	333	407
562	SQW18-09084	SD-WAP	Tio	618270	Male	Jul 09, 2018	Alive	351	372
557	SQW18-08710	SD-WAP		618077	Male	Mar 10, 2018	Dead	351	346
561	SQW18-09033	SD-WAP	CAROLE	618244	Female	Jun 22, 2018	Alive	351	464
555	YVZ17-10178	TORONTO	KIRAN	50000	Male	Jan 04, 2018	Alive	332	342
558	JTD18-04768	WARSAW	Yang	S7482	Male	Mar 16, 2018	Alive	335	374
568	WHN19-02807	YULEE		184073	Female	Dec 21, 2018	Alive	394	471
560	WHN18-02523	YULEE	Mow gli	184019	Male	Mar 26, 2018	Alive	394	238

6.1.2 Births in 2019

Births: 9 (2.7) at 9 institutions with 0.1 DNS

Studbook ID	GAN	Current Location	House Name	Current Local ID	Sex Type	Birth Date	Current Status	Sire	Dam	Age
574	QRD19-05097	BEAUV AL	Anjali	M02739	Female	Aug 28, 2019	Alive	336	432	0Y,6M,11D
569	SYF19-01082	BEWDLEY		1826	Female	Feb 14, 2019	Dead	393	419	0Y,0M,0D
571	QQJ19-01710	BUFFALO	Mohan	M19003	Male	Jun 17, 2019	Alive	273	241	0Y,8M,22D
570	HPB19-06869	METROZOO		19M050	Female	Apr 23, 2019	Alive	273	460	0Y,10M,16D
576	MSH19-10555	OMAHA	Marshall	25949	Male	Aug 30, 2019	Alive	406	395	0Y,6M,10D
572	SQW19-18851	SD-WAP	ANUSHA	4000844	Female	Jul 30, 2019	Alive	351	346	0Y,7M,10D
575	RMC19-00313	TERRA NAT	DUNA	R006	Female	Sep 02, 2019	Alive	134	284	0Y,6M,8D
577	RGZ19-04887	WHIPNADE	ZHIMA	8066	Female	Dec 08, 2019	Alive	287	257	0Y,3M,2D
573	WVL19-01568	WILDS	Rohini	119057	Female	Aug 24, 2019	Alive	451	264	0Y,6M,15D

6.2.1 Deaths in 2018

5.2 GOH died in 2018

Studbook ID	GAN	Current Location	House Name	Current Local ID	Sex Type	Birth Date	Current Status	Sire	Dam	Age
173	MIG12-28712816	ASSAM	Bishnu	1000059	Male	May 11, 1987	Dead	169	168	30Y,8M,25D
554	FBY18-00300	ASSAM	Shanti	000R6	Female	Jan 26, 2016 +/- 15 day	Dead	UND	UND	1Y,11M,18D
564	GGW18-01349	LISBON		12535	Female	Jul 04, 2018	Dead	188	201	0Y,0M,0D
129	MNM12-00105	LUCKNOW	Lohit	063	Male	Dec 06, 1984	Dead	70	128	33Y,1M,27D
125	2389094	OKLAHOMA	Chandra	542704	Male	Aug 11, 1985	Dead	35	46	33Y,1M,17D
469	WVL12-00118	SD-WAP	JEEZAN	515170	Male	Oct 14, 2012	Dead	364	264	5Y,5M,2D
557	SQW18-08710	SD-WAP		618077	Male	Mar 10, 2018	Dead	351	346	0Y,0M,0D

6.2.2 Deaths in 2019

3.2 GOH died in 2019

Studbook ID	GAN	Current Location	House Name	Current Local ID	Sex Type	Birth Date	Current Status	Sire	Dam	Age
569	SYF19-01082	BEWDLEY		1826	Female	Feb 14, 2019	Dead	393	419	0Y,0M,0D
478	BPL13-00615	SANDIEGOZ	Jiyu	516018	Male	May 09, 2013	Dead	254	276	5Y,7M,24D
204	24000021	STUTTGART	Sani	5143	Female	Oct 01, 1992 +/- 15 day	Dead	WILD	WILD	27Y,0M,14D
428	MIG12-29212934	TERRA NAT	Tarun	R005	Male	Jan 17, 2010	Dead	132	182	9Y,1M,7D
134	MIG12-29317484	TERRA NAT	NICO / NIKKO	R003	Male	Oct 24, 1986	Dead	73	55	33Y,0M,4D

6.3.1 Transfers 2018

Studbook ID	GAN	Current Location	House Name	Current Local ID	Sex Type	Birth Date	Current Status	Sire	Dam	Age
411	MIG12-28149210	BATUSECRE	Bertus	M2011	Male	Jul 13, 2008	Alive	134	185	11Y,7M,26D
524	SVT15-02899	EDINBURGH	QABID	M18G04	Male	Dec 12, 2015	Alive	184	435	4Y,2M,27D
485	WVL13-00562	NY BRONX	Priya/Rani	M13195	Female	Sep 27, 2013	Alive	364	230	6Y,5M,12D
530	SQW16-07030	SEATTLE	TAJ	Undetermined	Male	Nov 10, 2016	Alive	351	372	3Y,4M,0D
542	WVL16-01248	SEATTLE	GLENN	206623	Male	Nov 11, 2016	Alive	364	264	3Y,3M,28D
499	QQJ14-00795	TANGAN WP	Monica	A18785	Female	Jun 05, 2014	Alive	147	241	5Y,9M,5D
428	MIG12-29212934	TERRA NAT	Tarun	R1005	Male	Jan 17, 2010	Dead	132	182	9Y,1M,7D
502	WVL14-00805	TOLEDO	Aashish	13285	Male	Aug 31, 2014	Alive	364	264	5Y,6M,10D

6.3.2 Transfers 2019

Studbook ID	GAN	Current Location	House Name	Current Local ID	Sex Type	Birth Date	Current Status	Sire	Dam	Age
548	HNIH18-07828	BASEL	Shakti	190052	Female	Feb 05, 2017	Alive	345	409	3Y,1M,5D
567	JLG19-03966	BERLINZOO	Karl	Undetermined	Male	Sep 05, 2018	Alive	166	226	1Y,6M,5D
226	MIG12-29209659	BERLINZOO	Betty	Undetermined	Female	Jan 21, 1995	Alive	106	182	25Y,1M,18D
534	FCB17-01497	EDINBURGH	SANJAY	UNDETERMINED	Male	Mar 01, 2017	Alive	145	363	3Y,0M,9D
144	3099152	EUROPA	Narayani	Undetermined	Female	Nov 01, 1987 +/- 6 month	Alive	WILD	WILD	32Y,4M,9D
182	MIG12-28332680	EUROPA	Jhansi	Undetermined	Female	Jul 20, 1990	Alive	106	130	29Y,7M,19D
527	QRD16-01594	EUROPA	Gainda	M16064	Male	Sep 09, 2016	Alive	336	432	3Y,6M,1D
553	FBY18-00299	MYSORE	Bagori	M01555	Female	Mar 05, 2016 +/- 15 day	Alive	WILD	WILD	4Y,0M,5D
166	MIG12-29211430	NURNBERG	BELUR	Undetermined	Male	Jan 01, 1990	Alive	42	40	30Y,2M,9D
190	25214748	OKLAHOMA	Arun	774712	Male	Dec 01, 1989 +/- 6 month	Alive	WILD	WILD	30Y,3M,9D
137	MIG12-29489703	OKLAHOMA	Shanti	774813	Female	Oct 01, 1986 +/- 6 month	Alive	WILD	WILD	33Y,5M,9D
497	SQW14-01978	SANDIEGOZ	PARVESH	614063	Male	Feb 25, 2014	Alive	351	346	6Y,0M,14D
513	YVZ16-08090	STEVENSVI	NANDU	UNDETERMINED	Male	Feb 17, 2016	Alive	332	342	4Y,0M,22D
498	HNIH15-04756	WROCLAW	Maruška	219077	Female	Feb 02, 2014	Alive	345	409	6Y,1M,8D

7 Appendix I – International Studbook Population

STBK ID	GAN	CURRENT LOCATION	HOUSE NAME	CURRENT LOCAL ID	SEX TYPE	BIRTH DATE	CURRENT STATUS	SIRE	DAM	AGE	BIRTH TYPE
1		MYSORE	Kasi	_____	Male	Jan 01, 1959 +/- 6 month	Dead	WILD	WILD	20Y,3M,29D	Wild Birth
2	22277474	CHICAGOBR	KAMALA RANI	20037	Female	Undetermined	Dead	WILD	WILD	29Y,10M,5D	Wild Birth
3	22277473	CHICAGOBR	KASHI RAM	20035	Male	Undetermined	Dead	WILD	WILD	23Y,5M,12D	Wild Birth
4		SHIP		NHN	Female	May 16, 1948	Dead	WILD	2	0Y,0M,0D	Captive Birth
5	27656333	BASEL	Gadadh ar	510001	Male	Undetermined	Dead	WILD	WILD	16Y,10M,24D	Wild Birth
6		ROMA	Tomy	_____	Male	Jan 01, 1949 +/- 6 month	Dead	WILD	WILD	34Y,1M,27D	Wild Birth
7	27656334	BASEL	Jyomothi	520016	Female	Mar 21, 1951 +/- 6 month	Dead	WILD	WILD	32Y,7M,20D	Wild Birth
8	MIG12-17776404	AMSTERDAM	MOHINI	_____	Female	Jan 01, 1950 +/- 6 month	Dead	WILD	WILD	35Y,3M,24D	Wild Birth
9	MIG12-13841403	SD-WAP	KANAKL OTA	101985	Female	Jun 17, 1949 +/- 6 month	Dead	WILD	WILD	27Y,10M,25D	Wild Birth
10	MIG12-30029248	PHILADELP	Billy/Ka nakbala	100249	Male	Undetermined	Dead	WILD	WILD	43Y,6M,5D	Wild Birth
11		MYSORE	Rani	560003	Female	May 17, 1954 +/- 6 month	Dead	WILD	WILD	37Y,11M,20D	Wild Birth
12		TRIVANDRU	Mony	_____	Male	Jun 30, 1950 +/- 6 month	Dead	WILD	WILD	36Y,7M,17D	Wild Birth
13	27016302	WHIPNADE	MOHAN	2138	Male	Jul 23, 1946 +/- 6 month	Dead	WILD	WILD	14Y,7M,12D	Wild Birth
14	14159268	MILWAUKEE	Rudra	202	Male	Sep 14, 1956	Dead	5	7	30Y,4M,23D	Captive Birth
15	17152757	MILWAUKEE	MOHINU A	203	Female	Oct 29, 1957	Dead	13	8	17Y,7M,26D	Captive Birth
16	21878406	LOSANGELE	Nepali II	04427	Female	Jan 01, 1956 +/- 6 month	Dead	WILD	WILD	15Y,0M,21D	Wild Birth
17	27656335	BASEL	Moola	580018	Female	Aug 17, 1958	Dead	5	7	14Y,4M,18D	Captive Birth
18	27656553	BASEL	Arijun	650023	Male	Nov 26, 1957 +/- 6 month	Dead	WILD	WILD	25Y,4M,20D	Wild Birth
19	MIG12-28303904	OKLAHOMA	Tarun	238503	Male	Nov 18, 1957 +/- 6 month	Dead	WILD	WILD	31Y,10M,7D	Wild Birth
20	27016303	WHIPNADE	MANIK	2141	Male	Aug 18, 1960	Dead	13	8	14Y,8M,7D	Captive Birth
21	27224377	TOKYOTAMA	RANI	3422	Female	Jun 06, 1946 +/- 6 month	Dead	WILD	WILD	45Y,5M,27D	Wild Birth
22	27224378	TOKYOTAMA	Tamao	267	Male	Jul 23, 1957 +/- 6 month	Dead	WILD	WILD	37Y,11M,23D	Wild Birth
23		KOLKATA	Sneha	_____	Female	Jun 12, 1961	Dead	WILD	21	21Y,2M,2D	Captive Birth
24	MIG12-28712839	ASSAM	Shivaji	100005	Male	Jun 30, 1955 +/- 6 month	Dead	WILD	WILD	29Y,2M,24D	Wild Birth
25	MIG12-28712826	ASSAM	Padmini Junior	1000011	Female	Jun 03, 1956 +/- 6 month	Dead	WILD	WILD	26Y,4M,16D	Wild Birth

26	MIG12-28085878	WILDS	Lasai	950701	Male	Aug 31, 1962	Dead	5	7	33Y,0M,8D	Captive Birth
27	19246786	PARIS ZOO	Khunlai	Z64227	Male	Mar 09, 1963	Dead	5	17	10Y,11M,17D	Captive Birth
28	MIG12-29333503	NZP-WASH	Rajkumari	29607	Female	Apr 10, 1963	Dead	WILD	30	17Y,4M,30D	Captive Birth
29	MIG12-23003715	GULF BREZ	Jaypuri	A1857	Female	Jul 10, 1963	Dead	24	82	40Y,5M,30D	Captive Birth
30	MIG12-29333504	NZP-WASH	Deepali Sr.	29606	Female	Jun 30, 1952 +/- 6 month	Dead	WILD	WILD	11Y,5M,28D	Wild Birth
31	27656338	BERLINZOO	Miris	650017	Female	Jun 12, 1964	Dead	5	7	28Y,8M,18D	Captive Birth
32	3097816	BERLINZOO	GAUHATI	650016	Male	Aug 11, 1964	Dead	5	16	29Y,3M,28D	Captive Birth
33	MIG12-28712795	DELHI	Mohan (Jr.)	_____	Male	Mar 31, 1960 +/- 6 month	Dead	WILD	291	28Y,3M,5D	Captive Birth
34	MIG12-6237152	STUTTGART	Nanda	1784	Female	Aug 25, 1965	Dead	5	17	26Y,10M,18D	Captive Birth
35	19738940	LOSANGELE	Herman	01743	Male	Jan 01, 1965 +/- 6 month	Dead	WILD	WILD	36Y,4M,30D	Wild Birth
36		TOKYOTAMA		_____	Male	Jun 11, 1967	Dead	22	21	0Y,0M,0D	Captive Birth
37		BERLIN TP	Kanchi	_____	Female	Jan 01, 1966 +/- 6 month	Dead	WILD	WILD	1Y,0M,8D	Wild Birth
38	20520103	SINGAPORE	SHITA	G2430	Female	Apr 09, 1967	Dead	18	16	32Y,2M,6D	Captive Birth
39	5641966	SINGAPORE	Pandur	G2429	Male	Jul 07, 1967	Dead	18	7	26Y,6M,28D	Captive Birth
40	MIG12-29210713	BERLIN TP	Kumari	M00120	Female	May 01, 1967 +/- 15 day	Dead	WILD	WILD	36Y,5M,0D	Wild Birth
41	5641967	STUTTGART	Puri	2005	Male	Dec 22, 1967	Dead	18	17	29Y,1M,29D	Captive Birth
42		BERLIN TP	Mysore	_____	Male	Feb 13, 1968	Dead	1	11	28Y,10M,10D	Captive Birth
43		DELHI	Rangi/Rongi	_____	Female	Jan 01, 1962 +/- 6 month	Dead	WILD	WILD	22Y,10M,9D	Wild Birth
44	27658826	HOUSTON	Ruedi	_____	Male	Apr 27, 1969	Dead	18	7	1Y,9M,13D	Captive Birth
45	225771	LOSANGELE	RHONDA	07940	Female	Oct 05, 1969	Dead	18	17	48Y,1M,0D	Captive Birth
46	19738585	LOSANGELE	Radha	92900	Female	Apr 23, 1967	Dead	WILD	WILD	21Y,6M,18D	Wild Birth
48	MIG12-28712870	OMAHA	GOTANG I	_____	Female	Jul 15, 1968	Dead	WILD	WILD	1Y,6M,16D	Wild Birth
49	MIG12-29333505	METROZOO	Mohan	107	Male	Jul 01, 1969 +/- 6 month	Dead	WILD	WILD	43Y,6M,6D	Wild Birth
50	MIG12-30024518	METROZOO	SHANTI	108	Female	Aug 01, 1964 +/- 6 month	Dead	WILD	WILD	38Y,11M,16D	Wild Birth
51	26629395	WHIPNADE	ROOPA	L259	Female	Jan 27, 1971	Dead	33	43	37Y,9M,8D	Captive Birth
52	24567099	MILWAUKEE		X02215	Female	Jan 30, 1967	Dead	14	15	0Y,0M,0D	Captive Birth
53	1050365	NY BRONX	VINU	901264	Male	Apr 16, 1971	Dead	1	11	41Y,2M,5D	Captive Birth
54	MIG12-28093494	STUTTGART		3383	Female	Jul 16, 1971	Dead	18	34	0Y,0M,0D	Captive Birth

55	MIG12-29752747	PLANCKNDL	Tutuma	184003	Female	Aug 11, 1971	Dead	18	17	40Y,3M,20D	Captive Birth
56	27656339	BASEL	Tanaya	710027	Female	Aug 24, 1971	Dead	18	7	24Y,5M,24D	Captive Birth
57	MIG12-29166057	NAGOYA	Sanver	10331	Male	Sep 12, 1971	Dead	24	25	36Y,9M,24D	Captive Birth
58		HYDERABAD	Rajesh	_____	Male	Nov 25, 1971	Dead	76	77	11Y,8M,17D	Captive Birth
60	26629080	WHIPSNAD	KUMAR	L260	Male	Apr 04, 1972	Dead	18	31	30Y,6M,11D	Captive Birth
61	MIG12-28712853	MYSOORE	Muniya	_____	Male	Jun 30, 1975 +/- 6 month	Dead	WILD	WILD	27Y,1M,3D	Wild Birth
62		VEERMATA	Lacit	_____	Male	Apr 01, 1951 +/- 6 month	Dead	WILD	WILD	29Y,5M,13D	Wild Birth
63	MIG12-28905551	OMAHA	TINY	249	Male	Aug 25, 1965 +/- 6 month	Dead	WILD	WILD	9Y,5M,30D	Wild Birth
64	MIG12-29166058	NAGOYA	Jaya	10332	Female	Sep 01, 1973 +/- 15 day	Dead	WILD	WILD	27Y,5M,2D	Wild Birth
65	11090881	AMSTERDAM	AR-3 \ SAITARO U	M78029	Male	Dec 20, 1973	Dead	22	21	15Y,5M,4D	Captive Birth
66	27895504	NY BRONX	MAYANG KUMA	751511	Female	Apr 30, 1973 +/- 15 day	Dead	WILD	WILD	31Y,2M,6D	Wild Birth
67	27901042	NY BRONX	RADHA	751512	Female	Jun 01, 1973 +/- 15 day	Dead	WILD	WILD	23Y,1M,11D	Wild Birth
68	27656340	BASEL		740028	Male	Jan 03, 1974	Dead	18	7	0Y,0M,0D	Captive Birth
69	MIG12-29700329	YULEE	Patrick	Y64305	Male	Jan 30, 1974	Dead	19	28	41Y,8M,12D	Captive Birth
70	MIG12-28690466	KANPUR	LACHIT	NHXXN	Male	May 23, 1974	Dead	24	25	18Y,2M,16D	Captive Birth
71	MIG12-28758965	SAO PAULO	NABOB	9895	Male	Dec 05, 1974	Dead	18	34	22Y,6M,8D	Captive Birth
72		BEIJING	Xiangka	_____	Male	Apr 11, 1959 +/- 6 month	Dead	WILD	WILD	19Y,7M,1D	Wild Birth
73	MIG12-29167535	PLANCKNDL	YASSAM	184002	Male	Jul 30, 1969 +/- 6 month	Dead	WILD	WILD	19Y,2M,16D	Wild Birth
74		ST LOUIS	Harry	_____	Male	Apr 09, 1933 +/- 6 month	Dead	WILD	WILD	28Y,8M,22D	Wild Birth
75		MADRAS	Kushal	_____	Male	Jun 01, 1953 +/- 6 month	Dead	WILD	WILD	27Y,0M,14D	Wild Birth
76	MIG12-28712840	HYDERABAD	Rajkumar	_____	Male	Jan 01, 1962 +/- 6 month	Dead	WILD	WILD	21Y,7M,18D	Wild Birth
77		HYDERABAD	Padma	_____	Female	Jun 30, 1963 +/- 6 month	Dead	WILD	WILD	20Y,1M,20D	Wild Birth
78	9221618	SD-WAP		013056	Male	Mar 24, 1975	Dead	26	29	0Y,0M,1D	Captive Birth
79	20592300	TORONTO	INDIRA	11554	Female	Jul 19, 1975	Dead	1	11	31Y,11M,16D	Captive Birth
80	5641973	PHILADELP	Xavira	100925	Female	Oct 10, 1975	Dead	18	7	35Y,9M,10D	Captive Birth
81	18218365	BROWNSVIL	RADJAH	2727	Male	Jun 30, 1969 +/- 6 month	Dead	WILD	WILD	4Y,5M,3D	Wild Birth
82	MIG12-28712794	ASSAM	Padmini Senior	100002	Female	Oct 05, 1948	Dead	WILD	WILD	16Y,0M,23D	Wild Birth
83	MIG12-7045540	NY BRONX	HEINER	831391	Male	Feb 18, 1976	Dead	18	31	24Y,3M,20D	Captive Birth
84	27656341	KOLN	Yamatar i	461	Male	Mar 26, 1976	Dead	18	56	11Y,5M,13D	Captive Birth

85	23004153	SD-WAP	MAHARA JA	101932	Male	Oct 18, 1976	Dead	26	29	0Y,0M,2D	Captive Birth
86	27408674	SINGAPORE	Dvityia	G1526	Male	Sep 21, 1977	Dead	41	34	14Y,9M,17D	Captive Birth
87	MIG12-30024517	WILDS	Assam	960503	Male	Jan 26, 1978	Dead	18	56	33Y,10M,9D	Captive Birth
88	27656342	BASEL	Angkor	780032	Male	Jul 16, 1978	Dead	18	7	0Y,4M,3D	Captive Birth
89	MIG12-25208810	SD-WAP	TERAI	697059	Female	Aug 13, 1979	Dead	32	31	22Y,0M,29D	Captive Birth
90		LUCKNOW	Jai Singh	_____	Male	Undetermined	Dead	WILD	WILD	27Y,4M,5D	Wild Birth
91		LUCKNOW	Sanjai	_____	Male	Nov 01, 1976 +/- 15 day	Dead	WILD	WILD	3Y,2M,17D	Wild Birth
92		LUCKNOW	Krishyna Jr.	_____	Female	Apr 21, 1978 +/- 1 day	Dead	WILD	WILD	6Y,8M,11D	Wild Birth
93	MIG12-28670894	LISBON	NUMA	10717	Female	Sep 13, 1979	Dead	41	34	33Y,5M,7D	Captive Birth
94		KOLKATA	Meghnad	_____	Male	Jun 30, 1969 +/- 6 month	Dead	WILD	WILD	33Y,6M,14D	Wild Birth
95		KOLKATA	Kadambi ni	_____	Female	Jun 30, 1974 +/- 6 month	Dead	WILD	WILD	30Y,1M,10D	Wild Birth
96		HYDERABAD	Laddu	_____	Male	Nov 12, 1978	Dead	76	77	22Y,8M,25D	Captive Birth
97	16173445	SINGAPORE	Gomati	G4844	Female	Jan 09, 1979	Alive	94	23	41Y,2M,1D	Captive Birth
98		BEIJING	Bang Ti	_____	Female	Oct 01, 1978 +/- 6 month	Dead	WILD	WILD	31Y,1M,6D	Wild Birth
99	MIG12-26323006	PEACE RV	GAINDA	104147	Female	Mar 19, 1978	Dead	26	29	26Y,8M,26D	Captive Birth
100	27656343	BASEL	Chitawan	800033	Male	Jan 11, 1980	Dead	18	56	15Y,10M,2D	Captive Birth
101	MIG12-30052956	VALDOSTA	PANDU (SPORT)	11M003	Male	Aug 08, 1980	Dead	26	29	31Y,4M,12D	Captive Birth
102		PLANCKNDL		_____	Male	Nov 03, 1980	Dead	73	55	0Y,0M,4D	Captive Birth
103		RANGOON	Bhunti	_____	Male	Undetermined	Dead	WILD	WILD	12Y,11M,0D	Wild Birth
104		RANGOON	Lorie	_____	Female	Undetermined	Dead	WILD	WILD	12Y,10M,0D	Wild Birth
105		LUCKNOW	Rosy	_____	Female	Jul 12, 1942 +/- 6 month	Dead	WILD	WILD	30Y,8M,21D	Wild Birth
106	27311403	CARSON	RABHA	_____	Male	May 15, 1981	Alive	76	77	38Y,9M,24D	Captive Birth
107	27016304	WHIPSDADE		2142	Female	May 21, 1981	Dead	60	51	0Y,0M,0D	Captive Birth
108		BEIJING	Kamat	_____	Male	Jul 17, 1981 +/- 6 month	Dead	WILD	WILD	0Y,4M,9D	Wild Birth
109	MIG12-29309512	CHIANGMAI	NADIR	_____	Male	Aug 30, 1981	Dead	41	34	20Y,4M,3D	Captive Birth
110	27656344	BASEL	Ellora	820034	Female	Jan 16, 1982	Dead	18	56	33Y,4M,19D	Captive Birth
111	MIG12-19735518	SD-WAP	Meetha	028842	Female	Feb 16, 1982	Dead	35	46	3Y,4M,17D	Captive Birth
112	3905768	SEOUL	TEZPUR	_____	Male	Jul 25, 1982	Dead	26	99	7Y,10M,27D	Captive Birth
113	MIG12-29771022	PLANCKNDL	JOHANN A	184004	Female	Aug 09, 1982	Alive	73	55	37Y,7M,1D	Captive Birth

114		KATHMANDU			Female	Feb 12, 1980 +/- 6 month	Dead	WILD	WILD	9Y,11M,15D	Wild Birth
115	MIG12-14259261	PLANCKNDL	BHEEMA	184005	Male	Mar 09, 1983	Dead	60	51	16Y,7M,13D	Captive Birth
116	MIG12-28311791	EVANSVILLE	Jorhat	101031	Male	May 01, 1983	Dead	26	29	25Y,6M,6D	Captive Birth
117	18788500	KANAZAWA	Kintaro	01	Male	Jul 12, 1983	Alive	41	34	36Y,7M,27D	Captive Birth
118	MIG12-30056643	PHILADELP		101286	Female	Feb 25, 1984	Dead	10	80	0Y,0M,1D	Captive Birth
119	27656345	BASEL	Gandak	840035	Male	Feb 29, 1984	Dead	18	56	1Y,0M,11D	Captive Birth
120	19735519	LOSANGELE		000948	Female	Aug 09, 1982	Dead	35	45	0Y,0M,0D	Captive Birth
121	19735520	LOSANGELE		N00204	Male	Dec 16, 1983	Dead	35	45	0Y,0M,0D	Captive Birth
122		KANAZAWA	Sawako		Female	Oct 01, 1982	Dead	70	128	12Y,3M,3D	Captive Birth
123	4584317	STUTTGART	BRUNO	3127	Male	Jan 29, 1985	Alive	41	34	35Y,1M,10D	Captive Birth
124	MIG12-28730008	SINGAPORE	Gurkha	G42	Male	Jun 25, 1985	Dead	26	99	30Y,0M,25D	Captive Birth
125	2389094	OKLAHOMA	Chandra	542704	Male	Aug 11, 1985	Dead	35	46	33Y,1M,17D	Captive Birth
126	6963700	METROZOO	Akbar	M00755	Male	Nov 03, 1985	Dead	10	80	17Y,0M,19D	Captive Birth
127		BERLIN TP			Male	Nov 23, 1985	Dead	42	40	0Y,0M,0D	Captive Birth
128	MIG12-28712833	HYDERABAD	Maya		Female	May 11, 1973 +/- 15 day	Dead	WILD	WILD	33Y,8M,2D	Wild Birth
129	MNM12-00105	LUCKNOW	Lohit	063	Male	Dec 06, 1984	Dead	70	128	33Y,1M,27D	Captive Birth
130	26732817	SD-WAP	JUMIA	005257	Female	Jan 18, 1986	Dead	26	29	18Y,11M,24 D	Captive Birth
131	MIG12-29700711	NY BRONX	ELLAH	861069	Female	Apr 09, 1986	Alive	83	66	33Y,11M,1D	Captive Birth
132	MIG12-28178053	BERLINZOO	Yodha	980245	Male	Aug 09, 1986	Dead	60	51	30Y,11M,21 D	Captive Birth
133	19735521	LOSANGELE		N00287	Female	Oct 10, 1986	Dead	35	45	0Y,0M,0D	Captive Birth
134	MIG12-29317484	TERRA NAT	NICO / NIKKO	RI003	Male	Oct 24, 1986	Dead	73	55	33Y,0M,4D	Captive Birth
135	4584077	NURNBERG	Noel	M00470	Male	Dec 24, 1986	Dead	41	34	19Y,8M,6D	Captive Birth
136	27415378	SAN FRAN	CHHEND RA	187048	Male	Apr 01, 1986 +/- 6 month	Dead	WILD	WILD	10Y,5M,5D	Wild Birth
137	MIG12-29489703	OKLAHOMA	Shanti	774813	Female	Oct 01, 1986 +/- 6 month	Alive	WILD	WILD	33Y,5M,9D	Wild Birth
138	MIG12-30024519	EVANSVILLE	Mechi	109014	Female	Mar 01, 1986 +/- 6 month	Alive	WILD	WILD	34Y,0M,9D	Wild Birth
139	2504960	NY BRONX	Kali	981044	Female	Jul 01, 1986 +/- 6 month	Alive	WILD	WILD	33Y,8M,9D	Wild Birth
140	MIG12-28690469	HYDERABAD	MOHIT		Male	Jun 17, 1987	Dead	70	128	24Y,6M,15D	Captive Birth
141	25270571	BEIJING	Nim		Male	Nov 04, 1987	Alive	86	93	32Y,4M,6D	Captive Birth
142	9223470	SD-WAP		687013	Male	Jan 07, 1987	Dead	26	29	0Y,0M,0D	Captive Birth

143	26734842	RUM CREEK	GOALPA RA	109090	Female	May 28, 1987	Alive	26	99	32Y,9M,11D	Captive Birth
144	3099152	EUROPA	Narayani	Undetermined	Female	Nov 01, 1987 +/- 6 month	Alive	WILD	WILD	32Y,4M,9D	Captive Birth
145	MIG12-29281913	NURNBERG	ROPEN	M02586	Male	May 08, 1988	Dead	60	51	29Y,4M,23D	Captive Birth
146	MIG12-30088398	ROLLING H	JOYA	950029	Male	May 22, 1988	Alive	26	29	31Y,9M,17D	Captive Birth
147	CWF10-01370	CINCINNAT	JIMMY	189167	Male	Aug 14, 1988	Dead	10	80	15Y,9M,20D	Captive Birth
148	25856227	BEAUVAL	Näsi	M01056	Female	Oct 04, 1988	Dead	100	56	23Y,2M,29D	Captive Birth
149	27656346	BASEL		880037	Female	Dec 11, 1988	Dead	100	110	0Y,0M,0D	Captive Birth
150		KOLKATA	Debraj	_____	Male	Jun 04, 1984	Dead	94	95	16Y,5M,9D	Captive Birth
151	MIG12-28712854	DELHI	Dabhu Agni	_____	Male	Jun 30, 1970 +/- 6 month	Dead	WILD	WILD	30Y,9M,25D	Wild Birth
152	4584079	MUNICH	NIKOLAUS	079003	Male	Nov 27, 1988	Alive	41	34	31Y,3M,12D	Captive Birth
153	MIG12-28712799	ASSAM	Numali	1000029	Female	Jun 30, 1974 +/- 15 day	Dead	WILD	WILD	35Y,6M,2D	Wild Birth
154	251912	NANDANKAN	Nandan	4002	Male	Jan 01, 1974 +/- 15 day	Alive	WILD	WILD	46Y,2M,9D	Wild Birth
155	MIG12-29206593	RANCHI	Kancha	_____	Female	Jan 21, 1974 +/- 15 day	Dead	WILD	WILD	39Y,4M,11D	Wild Birth
156	MIG12-29206594	PATNA	Kancha	R-PAT-2	Male	Apr 30, 1977 +/- 15 day	Dead	WILD	WILD	38Y,8M,2D	Wild Birth
157	MIG12-29206595	PATNA	Raju	R-PAT-3	Male	Jan 16, 1982	Dead	WILD	WILD	13Y,2M,17D	Wild Birth
158		PATNA		_____	Female	Jul 25, 1986	Dead	157	155	0Y,0M,0D	Captive Birth
159	MIG12-29206596	PATNA	HARTALI	R-PAT-4	Female	Jul 08, 1988	Alive	157	155	31Y,8M,2D	Captive Birth
160	MIG12-28690481	KANPUR	ROHIT	0307	Male	Jun 23, 1989	Dead	70	128	25Y,5M,8D	Captive Birth
161	MIG12-29956046	SINGAPORE	MARY	G11361	Female	Sep 05, 1989	Alive	83	66	30Y,6M,5D	Captive Birth
162	26626467	WHIPSDADE	BARDIA	L262	Male	Oct 02, 1989	Dead	60	51	5Y,11M,13D	Captive Birth
163	9223771	SD-WAP		689183	Female	Apr 20, 1989	Dead	106	99	0Y,0M,0D	Captive Birth
164	27540361	SINGAPORE	Karnak	G43	Male	Undetermined	Dead	WILD	WILD	9Y,3M,5D	Wild Birth
165	27540362	SINGAPORE	Kanchan	G44	Female	Oct 05, 1989 +/- 15 day	Dead	WILD	WILD	2Y,0M,28D	Wild Birth
166	MIG12-29211430	NURNBERG	BELUR	Undetermined	Male	Jan 01, 1990	Alive	42	40	30Y,2M,9D	Captive Birth
167	27399434	DVURKRALV	NELY	057003	Female	Jan 14, 1986	Dead	86	93	0Y,1M,13D	Captive Birth
168	MIG12-28712802	ASSAM	Lakhimi ni	1000038	Female	Jan 09, 1978	Dead	24	25	20Y,0M,2D	Captive Birth
169	MIG12-28712806	ASSAM	Lakhman	1000046	Male	Jun 30, 1976 +/- 6 month	Dead	WILD	WILD	37Y,2M,27D	Wild Birth
170	MIG12-28712808	ASSAM	Jhon	1000047	Male	Feb 23, 1980 +/- 15 day	Dead	WILD	WILD	27Y,10M,30D	Wild Birth

171	MIG12-28712809	ASSAM	Gini	1000048	Female	Jun 23, 1980 +/- 15 day	Dead	WILD	WILD	19Y,0M,1D	Wild Birth
172	MIG12-28712855	ASSAM	Ganesh (Junior)	1000056	Male	Jun 30, 1962 +/- 6 month	Dead	WILD	WILD	44Y,4M,20D	Wild Birth
173	MIG12-28712816	ASSAM	Bishnu	1000059	Male	May 11, 1987	Dead	169	168	30Y,8M,25D	Captive Birth
174	MIG12-28712817	GORUMARA	Ratul	_____	Male	Dec 30, 1986 +/- 15 day	Released to wild	WILD	WILD	8Y,9M,17D	Wild Birth
175	MIG12-28712858	TRIVANDRU	Ramu	_____	Male	Mar 30, 1988 +/- 15 day	Alive	WILD	WILD	31Y,11M,10D	Wild Birth
176	MIG12-28712859	ASSAM	Mohesh	1000063	Male	Mar 30, 1989	Dead	169	168	26Y,0M,20D	Captive Birth
177	MIG12-28712861	TRIVANDRU	JADU	_____	Male	Jul 26, 1988 +/- 15 day	Alive	WILD	WILD	31Y,7M,13D	Wild Birth
178	MIG12-28712862	JALDAPARA	MADHU	_____	Male	Jun 30, 1989 +/- 15 day	Released to wild	WILD	WILD	6Y,3M,17D	Wild Birth
179	MIG12-29927934	SEPAHIJAL	Pradeep	RH-1	Male	May 30, 1990 +/- 15 day	Dead	WILD	WILD	24Y,6M,10D	Wild Birth
180	MIG12-29963581	LOWRY	Juanpur	103162	Male	Jan 27, 1990	Alive	26	29	30Y,1M,12D	Captive Birth
181	27657834	NAGOYA	Nandi	10333	Male	May 31, 1990	Dead	100	110	13Y,8M,19D	Captive Birth
182	MIG12-28332680	EUROPA	Jhansi	Undetermined	Female	Jul 20, 1990	Alive	106	130	29Y,7M,19D	Captive Birth
183	25857761	NAGOYA	Nilgiri	10006	Female	Oct 23, 1990	Alive	100	110	29Y,4M,16D	Captive Birth
184	MIG12-29167539	PLANCKNDL	GUJURAT	184013	Male	Dec 28, 1990	Alive	106	99	29Y,2M,11D	Captive Birth
185	4584143	ROTTERDAM	NAMASTE	104724	Female	Feb 11, 1991	Alive	41	34	29Y,0M,28D	Captive Birth
186		KANPUR	Mudit	_____	Male	Jul 05, 1991	Dead	70	128	11Y,5M,26D	Captive Birth
187	6964580	BUFFALO	Henry/Hank	92M163	Male	Jul 24, 1991	Dead	10	80	19Y,11M,13D	Captive Birth
188	6675671	LISBON	GANGTOK	5497	Male	Dec 22, 1991	Alive	106	143	28Y,2M,17D	Captive Birth
189	MIG12-28086166	CINCINNAT	NIKKI	194156	Female	Dec 25, 1991	Dead	69	79	22Y,6M,8D	Captive Birth
190	25214748	OKLAHOMA	Arun	774712	Male	Dec 01, 1989 +/- 6 month	Alive	WILD	WILD	30Y,3M,9D	Wild Birth
191	27311978	FORTWORTH	Arati	725	Female	Dec 01, 1989 +/- 6 month	Dead	WILD	WILD	19Y,10M,1D	Wild Birth
192	MIG12-28712866	ASSAM	Baghekhaiti	1000071	Female	Jun 01, 1990 +/- 15 day	Alive	WILD	WILD	29Y,9M,9D	Wild Birth
193	MIG12-29963093	MUNICH	Rapti	079001	Female	Aug 01, 1989 +/- 6 month	Alive	WILD	WILD	30Y,7M,9D	Wild Birth
194	MIG12-28712814	DELHI	Mohini	_____	Female	Apr 15, 1982 +/- 15 day	Dead	WILD	WILD	18Y,11M,10D	Wild Birth
195	27657835	NURNBERG	Purana	M00471	Female	Jan 23, 1992	Dead	100	110	20Y,9M,22D	Captive Birth
196	23336946	PLANCKNDL		184007	Female	Feb 03, 1992	Dead	115	113	0Y,0M,0D	Captive Birth
197	23010545	SD-WAP		692076	Male	Feb 26, 1992	Dead	106	130	0Y,0M,0D	Captive Birth
198	9224267	SD-WAP		692441	Female	Jul 21, 1992	Dead	26	29	0Y,0M,0D	Captive Birth
199	MIG12-29333508	NZP-WASH		110721	Male	Jul 30, 1992	Dead	101	138	0Y,0M,0D	Captive Birth

200	19788177	SD-WAP		692618	Male	Nov 06, 1992	Dead	106	99	0Y,0M,0D	Captive Birth
201	MIG12-28672015	LISBON	TEJA	5532	Female	Nov 15, 1992	Alive	115	55	27Y,3M,24D	Captive Birth
202	MIG12-28596371	PATNA	Ayodhya	R-PAT-13	Male	Dec 27, 1992	Alive	151	194	27Y,2M,12D	Captive Birth
203	MIG12-29206597	PATNA	Rani	R-PAT-5	Female	Jul 06, 1991	Alive	157	155	28Y,8M,4D	Captive Birth
204	24000021	STUTTGART	Sani	5143	Female	Oct 01, 1992 +/- 15 day	Dead	WILD	WILD	27Y,0M,14D	Wild Birth
205	MIG12-29333509	NZP-WASH		110875	Male	Jan 15, 1993	Dead	101	139	0Y,0M,0D	Captive Birth
206	5641985	SINGAPORE	Quilon	G3209	Male	Feb 22, 1993	Dead	100	56	13Y,8M,29D	Captive Birth
207	26624271	WHIPSDADE		L2025	Female	May 01, 1993	Dead	60	51	0Y,0M,1D	Captive Birth
208	MIG12-29167536	PLANCKNDL		184009	Male	Aug 04, 1993	Dead	115	113	0Y,0M,0D	Captive Birth
209	MIG12-26323073	RUM CREEK	Godavari	104247	Female	Sep 07, 1993	Alive	26	143	26Y,6M,3D	Captive Birth
210	27656347	BASEL	Quetta	930042	Female	Oct 10, 1993	Alive	100	110	26Y,5M,0D	Captive Birth
215		CHANDIGAR: Invalid use of GeoRef	Balram	_____	Male	Undetermined	Dead	WILD	WILD	21Y,8M,16D	Wild Birth
216		CHANDIGAR: Invalid use of GeoRef	Shakuntala	_____	Female	Jun 30, 1971 +/- 6 month	Dead	WILD	WILD	14Y,10M,25D	Wild Birth
217	251680	DELHI	SHIVA	10009	Male	Mar 30, 1978 +/- 15 day	Dead	WILD	WILD	36Y,2M,19D	Wild Birth
218	MIG12-28712810	MADRAS	Ramu (Senior)	_____	Male	May 30, 1980 +/- 15 day	Dead	WILD	WILD	9Y,1M,7D	Wild Birth
219	MIG12-28712836	KOLKATA	Mayuri	_____	Female	Jan 01, 1974 +/- 6 month	Undetermined (Lost to follow up)	WILD	WILD	5Y,2M,10D	Wild Birth
220	27621874	BASEL	Jaffna	694115	Male	Mar 18, 1994	Alive	106	130	25Y,11M,21D	Captive Birth
221	27896731	NY BRONX		941030	Male	Mar 22, 1994	Dead	83	66	0Y,0M,0D	Captive Birth
222	MIG12-30042151	NY BRONX	SANJAY	M04180	Male	Sep 11, 1994	Alive	69	79	25Y,5M,28D	Captive Birth
223	6279772	NY BRONX	PENNY	M01136	Female	Oct 05, 1994	Alive	10	80	25Y,5M,5D	Captive Birth
224	MIG12-6675807	GULF BREZ	JAFAR	A1858	Male	Nov 26, 1994	Dead	26	29	13Y,0M,25D	Captive Birth
225	9221680	SD-WAP		026310	Female	Jul 31, 1984	Dead	26	29	0Y,0M,0D	Captive Birth
226	MIG12-29209659	BERLINZOO	Betty	Undetermined	Female	Jan 21, 1995	Alive	106	182	25Y,1M,18D	Captive Birth
227	6675844	SAN FRAN	Gauhati	197006	Male	May 26, 1995	Alive	106	99	24Y,9M,13D	Captive Birth
228	9224689	SD-WAP		695462	Male	Aug 24, 1995	Dead	106	143	0Y,0M,0D	Captive Birth
229	3993692	LISIEUX Z	WINONA	M00057	Female	Oct 12, 1995	Alive	115	113	24Y,4M,27D	Captive Birth
230	6346760	RUM CREEK	DAILEY	101023	Female	Dec 28, 1995	Alive	53	131	24Y,2M,11D	Captive Birth
231	MIG12-30021733	PHILADELP	PETE	12046	Male	Jan 01, 1875 +/- 6 month	Dead	WILD	WILD	26Y,0M,2D	Wild Birth
232	MIG12-30021478	PHILADELP	Maharane/Peggy	10303	Female	Nov 15, 1922 +/- 6 month	Dead	WILD	WILD	20Y,4M,30D	Wild Birth

233	MIG12-29333510	NZP-WASH	GUNDA	16923	Male	Jan 01, 1939 +/- 6 month	Dead	WILD	WILD	20Y,0M,8D	Wild Birth
234	27016306	WHIPSSNADE		L1701	Male	Oct 19, 1991	Dead	60	51	0Y,0M,1D	Captive Birth
235	MIG12-28712820	TRIVANDRU	Rita	_____	Female	Feb 22, 1995	Dead	169	168	9Y,9M,21D	Captive Birth
236	MIG12-6675885	BROWNSVIL	JASAI	7448	Male	Jan 04, 1996	Dead	26	130	4Y,9M,13D	Captive Birth
237	MIG12-28572145	MUNICH		079004	Male	Jul 13, 1996	Dead	152	148	0Y,0M,0D	Captive Birth
238	MIG12-29700328	YULEE	Chitwan	Y94307	Female	Sep 18, 1996	Alive	101	138	23Y,5M,21D	Captive Birth
239	MIG12-28086392	MONTGOMRY	HIMAL (mountain)	3715	Male	Oct 31, 1996	Dead	101	139	23Y,3M,21D	Captive Birth
240	25857763	TOKYOTAMA	Tarrh	2463	Male	Nov 20, 1996	Alive	100	110	23Y,3M,19D	Captive Birth
241	MIG12-29960965	BUFFALO	Tashi	98M146	Female	Dec 06, 1996	Alive	125	161	23Y,3M,4D	Captive Birth
242		CHIANG MA: Invalid use of GeoRef		_____	Male	Apr 01, 1986 +/- 15 day	Dead	WILD	WILD	0Y,3M,23D	Wild Birth
243	27669146	CHIANGMAI	Kari	M08035	Female	Jan 01, 1984 +/- 6 month	Alive	WILD	WILD	36Y,2M,9D	Wild Birth
244	MIG12-26735162	YULEE	Jakichu	Y94309	Female	Aug 24, 1997	Alive	106	130	22Y,6M,15D	Captive Birth
245	25471033	LISBON	NOVA	10718	Female	Sep 13, 1997	Alive	145	93	22Y,5M,26D	Captive Birth
246	MIG12-29167537	PLANCKNDL	Y	184011	Female	Sep 27, 1997	Dead	115	55	0Y,0M,0D	Captive Birth
247	23011925	SD-WAP	GONDIA	697581	Female	Nov 09, 1997	Dead	106	143	0Y,0M,16D	Captive Birth
248	9225015	SD-WAP		697598	Male	Nov 20, 1997	Dead	106	99	0Y,0M,0D	Captive Birth
249	26323104	ALBUSTAN	Giirja	GIR001	Male	Nov 23, 1997	Alive	106	209	22Y,3M,16D	Captive Birth
250		CHANDIGAR: Invalid use of GeoRef	Raja/Pri nce	_____	Male	May 09, 1986	Dead	215	216	17Y,11M,5D	Captive Birth
251		DELHI	Meghdo ot	_____	Male	Aug 28, 1995	Dead	151	194	3Y,6M,6D	Captive Birth
252	MIG12-28596372	DELHI	MAHESH WARI	10003	Female	Nov 27, 1997	Alive	151	194	22Y,3M,12D	Captive Birth
253	MIG12-16286629	MADRID Z	Kaila Padam (KAI)	RI1	Male	Jan 04, 1998	Dead	134	185	7Y,6M,11D	Captive Birth
254	MIG12-29747770	ROCKTON	Arjun	B4RU03	Male	Jul 27, 1998	Alive	53	131	21Y,7M,12D	Captive Birth
255	2510704	AMERSFOOR	Zimon	M2516	Male	Sep 21, 1998	Dead	115	113	17Y,9M,28D	Captive Birth
256	8701075	WHIPSSNADE	Beluki	L3165	Female	Mar 01, 1996 +/- 6 month	Alive	WILD	WILD	24Y,0M,9D	Wild Birth
257	8701076	WHIPSSNADE	Behan	L3188	Female	Jun 01, 1996 +/- 6 month	Alive	WILD	WILD	23Y,9M,9D	Wild Birth
258	9225183	SD-WAP		698678	Male	Dec 21, 1998	Dead	106	137	0Y,0M,0D	Captive Birth
259	10292026	VALDOSTA	GRAM	11M004	Male	May 18, 1999	Alive	106	143	20Y,9M,21D	Captive Birth
260	MIG12-28712822	ASSAM		1000078	Female	Jun 15, 1999	Dead	170	171	0Y,0M,0D	Captive Birth

261	MIG12-28572144	MUNICH		079005	Female	Jul 22, 1999	Dead	152	148	0Y,0M,0D	Captive Birth
262	9225264	QINGYUAN	Ivan	Undetermined	Male	Jul 27, 1999	Alive	106	130	20Y,7M,12D	Captive Birth
263	MIG12-29943004	DUBBO	Dora	A30069	Male	Aug 14, 1999	Alive	57	183	20Y,6M,25D	Captive Birth
264	6825546	WILDS	Sanya	104020	Female	Aug 14, 1999	Alive	69	79	20Y,6M,25D	Captive Birth
265	26965364	LISIEUX Z	Albrecht	M01088	Male	Oct 08, 1999	Alive	135	195	20Y,5M,2D	Captive Birth
266	9225328	KANAZAWA	GOPON	03	Female	Dec 22, 1999	Alive	106	209	20Y,2M,17D	Captive Birth
267		HYDERABAD		_____	Undetermined	May 12, 1975	Dead	76	77	0Y,0M,0D	Captive Birth
268	MIG12-28712815	ASSAM	SHYAM (Junior)	100055	Male	Jun 09, 1982	Dead	24	25	8Y,3M,14D	Captive Birth
269	MIG12-29717618	GUERNO	Saar	_____	Female	Feb 12, 2000	Alive	123	204	20Y,0M,27D	Captive Birth
270	MIG12-29480602	MADRID Z	Daan	RI3	Male	Jul 04, 2000	Alive	134	185	19Y,8M,6D	Captive Birth
271	9785331	MICANOPY	Kalu/METROZOO	_____	Female	Dec 22, 2000	Alive	53	131	19Y,2M,17D	Captive Birth
272	MIG12-28596377	DELHI	Goyona	10007	Female	Feb 15, 2000	Dead	106	99	7Y,7M,14D	Captive Birth
273	MIG12-29963591	METROZOO	Suru	Y3M062	Male	Dec 31, 2000	Alive	106	137	19Y,2M,10D	Captive Birth
274	15717265	MONTGOMRY	JETA	3532	Female	Jan 19, 2001	Dead	106	130	12Y,10M,2D	Captive Birth
275	27896264	NY BRONX		M01022	Male	Mar 24, 2001	Dead	53	139	0Y,0M,0D	Captive Birth
276	7744834	LOWRY	Jamie	101757	Female	May 10, 2001	Alive	125	161	18Y,10M,0D	Captive Birth
277	MIG12-10289981	WARSAW	GYAN	S6080	Male	Jun 06, 2001	Dead	106	143	3Y,7M,26D	Captive Birth
278	26733630	PATNA	GARI	NONE	Female	Jul 23, 2001	Dead	106	209	13Y,4M,16D	Captive Birth
279	10290036	SD-WAP	CHOTO	601544	Male	Nov 28, 2001	Dead	106	244	1Y,2M,27D	Captive Birth
280	27386451	TERRA NAT	NISHA	RI002	Female	Jul 15, 2001	Alive	152	148	18Y,7M,24D	Captive Birth
281	9222729	SD-WAP		601490	Female	Oct 01, 2001	Dead	106	99	0Y,0M,0D	Captive Birth
282	27224376	TOKYOTAMA	BIKRAM	3799	Male	Jun 01, 2001 +/- 6 month	Alive	WILD	WILD	18Y,9M,9D	Wild Birth
283	27224375	TOKYOTAMA	NARAYANI	3800	Female	Jun 01, 2001 +/- 6 month	Alive	WILD	WILD	18Y,9M,9D	Wild Birth
284	9922547	TERRA NAT	Shiwa	RI001	Female	Apr 13, 2002	Alive	123	204	17Y,10M,26D	Captive Birth
285	MIG12-28668147	LISBON		8346	Male	Sep 25, 2002	Dead	188	201	0Y,0M,0D	Captive Birth
286	MIG12-29210511	BERLIN TP		M02027	Female	Oct 23, 2002	Dead	166	226	0Y,0M,0D	Captive Birth
287	MIG12-29953529	WHIPSHADE	HUGO	3289	Male	Dec 07, 2002	Alive	134	185	17Y,3M,3D	Captive Birth
288	26733750	RUM CREEK	RAJI	109091	Female	Dec 23, 2002	Alive	190	130	17Y,2M,16D	Captive Birth
289	26618538	LONDON RP	JIM/JEMMY	5415	Male	Jul 25, 1862 +/- 6 month	Dead	WILD	WILD	42Y,4M,11D	Wild Birth

290	MIG12-28712793	DELHI	Mohan (Sr.)	_____	Male	Dec 13, 1951 +/- 6 month	Dead	WILD	WILD	18Y,4M,0D	Wild Birth
291	MIG12-28712807	PARIS: Invalid use of GeoRef	Geeta	NHXX	Female	Jun 30, 1951 +/- 6 month	Dead	WILD	WILD	15Y,9M,4D	Wild Birth
292	MIG12-28712825	ASSAM	Kusha	1000010	Male	Jun 30, 1964 +/- 15 day	Dead	WILD	WILD	0Y,4M,14D	Wild Birth
293	MIG12-28712828	ASSAM	Lakhimi	1000013	Female	Feb 01, 1968 +/- 15 day	Dead	WILD	WILD	2Y,1M,22D	Wild Birth
294		MYSORE	Kalamukhi	_____	Female	Mar 01, 1968 +/- 15 day	Dead	WILD	WILD	34Y,5M,2D	Wild Birth
295	MIG12-28712829	ASSAM	Kumar	1000017	Male	Jul 30, 1968 +/- 15 day	Dead	WILD	WILD	1Y,7M,23D	Wild Birth
296	MIG12-28712830	ASSAM	Bhishma	1000018	Male	May 30, 1969 +/- 15 day	Dead	WILD	WILD	0Y,5M,28D	Wild Birth
297	MIG12-28712797	ASSAM	Kumari	1000016	Female	Jul 01, 1969 +/- 15 day	Dead	WILD	WILD	1Y,0M,23D	Wild Birth
298	MIG12-28712837	ASSAM	Ajali	1000031	Female	Jan 01, 1975 +/- 15 day	Dead	WILD	WILD	2Y,7M,19D	Wild Birth
299	MIG12-28712847	ASSAM	Ajit	1000032	Male	Jun 01, 1975 +/- 15 day	Dead	WILD	WILD	0Y,9M,6D	Wild Birth
300		NANDANKAN	Shayam	_____	Male	May 15, 1975 +/- 15 day	Dead	WILD	WILD	0Y,11M,7D	Wild Birth
301	MIG12-28712848	ASSAM	SANJAY	1000034	Male	Nov 01, 1976 +/- 1 day	Dead	WILD	WILD	33Y,2M,0D	Wild Birth
302	MIG12-28712850	ASSAM	Rajesh	1000039	Male	Jun 30, 1936 +/- 6 month	Dead	WILD	WILD	50Y,6M,19D	Wild Birth
303	MIG12-28712803	ASSAM	Prabhat	1000042	Male	Aug 30, 1978 +/- 15 day	Dead	WILD	WILD	0Y,2M,25D	Wild Birth
304		CHANDIGAR: Invalid use of GeoRef		_____	Female	Mar 09, 1979	Dead	UND	216	0Y,0M,0D	Captive Birth
305	MIG12-28712805	ASSAM	Parbati	1000044	Female	Jul 30, 1979 +/- 15 day	Dead	WILD	WILD	3Y,10M,19D	Wild Birth
306		DELHI		_____	Female	Nov 13, 1980	Dead	215	216	5Y,6M,20D	Captive Birth
307	MIG12-28712811	ASSAM	Rupa	1000050	Female	Jun 30, 1981 +/- 15 day	Dead	WILD	WILD	0Y,3M,11D	Wild Birth
308	MIG12-28712812	ASSAM	Kamal	1000051	Male	Jun 30, 1977 +/- 6 month	Dead	WILD	WILD	4Y,7M,8D	Wild Birth
309	MIG12-28712813	ASSAM	Dalimi	1000052	Female	Apr 30, 1982 +/- 15 day	Dead	WILD	WILD	0Y,5M,27D	Wild Birth
310		CHANDIGAR: Invalid use of GeoRef		_____	Male	Feb 15, 1983	Dead	215	216	0Y,0M,15D	Captive Birth
311	MIG12-28712856	ASSAM	Sabitri	1000057	Female	Mar 30, 1983 +/- 15 day	Dead	WILD	WILD	0Y,1M,0D	Wild Birth
312		CHANDIGAR: Invalid use of GeoRef		_____	Male	Dec 11, 1984	Dead	215	216	0Y,0M,10D	Captive Birth
313	MIG12-28712857	ASSAM	Suchila	1000058	Female	Dec 30, 1985 +/- 6 month	Dead	WILD	WILD	0Y,2M,0D	Wild Birth
314	MIG12-28712818	ASSAM	Babul	1000062	Male	Sep 01, 1988 +/- 6 month	Dead	WILD	WILD	0Y,0M,23D	Wild Birth
315	MIG12-28712863	ASSAM	DHAN	1000067	Male	Jun 30, 1989 +/- 15 day	Dead	WILD	WILD	0Y,2M,5D	Wild Birth
316	MIG12-28712860	ASSAM	Kanak	1000064	Male	Jun 01, 1989 +/- 1 day	Dead	WILD	WILD	0Y,0M,25D	Wild Birth
317	MIG12-28712819	ASSAM	Prakash	1000068	Male	Mar 30, 1990 +/- 15 day	Dead	WILD	WILD	0Y,0M,23D	Wild Birth

318	MIG12-28712865	ASSAM	Monomoti	1000070	Female	Apr 30, 1991 +/- 15 day	Dead	WILD	WILD	0Y,3M,18D	Wild Birth
319	MIG12-28712842	ASSAM	Unknown	1000073	Female	Nov 25, 1994	Dead	170	171	0Y,0M,0D	Captive Birth
320	MIG12-28712821	ASSAM	Hanuman	1000075	Male	Feb 28, 1995 +/- 15 day	Dead	WILD	WILD	0Y,8M,30D	Wild Birth
321	MIG12-28712868	ASSAM	Ranga	1000076	Male	Mar 10, 1995 +/- 15 day	Dead	WILD	WILD	0Y,8M,15D	Wild Birth
322		LUCKNOW	Tarun	_____	Male	Apr 29, 1996	Dead	140	128	1Y,0M,20D	Captive Birth
323	MIG12-28712869	ASSAM	Lahoroni	1000077	Female	Aug 30, 1998 +/- 15 day	Dead	WILD	WILD	4Y,8M,15D	Wild Birth
324	MIG12-29398351	METROZOO		91M001	Female	Feb 19, 1991	Dead	83	50	0Y,0M,1D	Captive Birth
325	7960533	ALBUSTAN	Asha	GIR002	Female	Jan 14, 2003	Alive	190	143	17Y,1M,25D	Captive Birth
326	MIG12-15717453	SYDNEY	KUA	A60349	Female	May 10, 2003	Dead	190	244	4Y,0M,25D	Captive Birth
327	9223204	RUM CREEK	TARO	115134	Male	Jun 13, 2003	Alive	190	137	16Y,8M,26D	Captive Birth
328	MIG12-28690478	KANPUR	Manu	KAN-10	Female	Jun 22, 2002	Alive	140	348	17Y,8M,17D	Captive Birth
329	23006600	STEVENSVI	SABARI	_____	Male	Sep 17, 2003	Alive	190	209	16Y,5M,22D	Captive Birth
330	23906433	RUM CREEK	BHRAMP UTRA	107048	Male	Nov 10, 2003	Alive	202	252	16Y,4M,0D	Captive Birth
331	MIG12-29166059	NAGOYA	Sera	10007	Male	Dec 20, 2003	Alive	57	183	16Y,2M,19D	Captive Birth
332	15981854	TORONTO	VISHNU	39770	Male	Feb 27, 2003	Alive	53	131	17Y,0M,12D	Captive Birth
333	26966549	NYIREGYHA	Nepal	M00409	Male	Jan 29, 2004	Alive	135	195	16Y,1M,10D	Captive Birth
334	MIG12-28412797	OKLAHOMA		770408	Male	Feb 16, 2004	Dead	125	161	0Y,0M,0D	Captive Birth
335	MIG12-29942487	WARSAW	JACOB	S6139	Male	Feb 29, 2004	Alive	132	182	16Y,0M,10D	Captive Birth
336	18791924	BEAUVAL	Sahib	M0781	Male	Mar 21, 2004	Alive	123	204	15Y,11M,18D	Captive Birth
337	MIG12-28669283	LISBON	MARGARIDA	9020	Female	May 10, 2004	Dead	188	201	0Y,2M,5D	Captive Birth
338	25937290	CHESTER	Patna	C07047	Male	Jul 21, 2004	Dead	166	226	5Y,3M,14D	Captive Birth
339	MIG12-29926979	CHESTER	Beni	C11649	Male	Jul 31, 2004	Alive	152	148	15Y,7M,10D	Captive Birth
340	16916669	PEACE RV		104196	Male	Aug 24, 2004	Dead	190	99	0Y,0M,5D	Captive Birth
341	27922028	MADRID Z	BATSCHIL	RI5	Female	Sep 02, 2004	Alive	220	210	15Y,6M,8D	Captive Birth
342	MIG12-29714792	TORONTO	Ashakiran	41170	Female	Sep 15, 2004	Alive	187	241	15Y,5M,24D	Captive Birth
343	MIG12-29318298	TOUROPARC	FANINDRA	T12173	Male	Sep 23, 2004	Alive	184	113	15Y,5M,16D	Captive Birth
344	MIG12-28572143	MUNICH		079008	Female	Oct 16, 2004	Dead	152	193	0Y,0M,0D	Captive Birth
345	MIG12-29582044	PLZEN	BAABUU	316403	Male	Nov 04, 2004	Alive	220	110	15Y,4M,6D	Captive Birth

346	22846452	SD-WAP	ALTA	608199	Female	Dec 26, 2004	Alive	53	139	15Y,2M,13D	Captive Birth
347	MIG12-29697816	DELHI	Raja	10002	Male	Dec 19, 1993	Dead	156	155	13Y,8M,13D	Captive Birth
348	MIG12-29206599	KANPUR	RANI II	430827	Female	Jun 26, 1994	Dead	157	159	17Y,6M,6D	Captive Birth
349	MIG12-29206600	PATNA	Bajrangi	R-PAT-8	Male	Oct 23, 1997	Dead	156	159	1Y,8M,24D	Captive Birth
350		DELHI		_____	Male	Jul 02, 2000	Dead	151	194	0Y,0M,0D	Captive Birth
351	MIG12-29206601	SD-WAP	Bhopu	607123	Male	Sep 29, 2000	Alive	156	159	19Y,5M,10D	Captive Birth
352	FBY16-00142	ASSAM	Pori	1000079	Female	Jun 04, 2002	Alive	173	192	17Y,9M,6D	Captive Birth
353	MIG12-29206602	PATNA	Akanksha	R-PAT-10	Female	Aug 08, 2002	Alive	156	159	17Y,7M,2D	Captive Birth
354	23006726	SD-WAP	DAMII	604308	Male	Aug 18, 2004	Dead	190	272	0Y,0M,3D	Captive Birth
355	MIG12-12603280	SAFARIWIL	ECKO	_____	Male	Jan 07, 2005	Dead	190	130	2Y,10M,11D	Captive Birth
356	26733946	SD-WAP	JATRI	605015	Female	Jan 25, 2005	Dead	190	274	6Y,3M,21D	Captive Birth
357	27312667	MICANOPY	SOMAN	_____	Male	Feb 27, 2005	Alive	190	143	15Y,0M,12D	Captive Birth
358	23006814	SD-WAP		605194	Male	May 12, 2005	Dead	190	137	0Y,0M,0D	Captive Birth
359	MIG12-28976998	CINCINNAT	Manjula	109072	Female	Oct 25, 2005	Alive	239	230	14Y,4M,14D	Captive Birth
360	17177875	BEAUVAL	Saathi	M0784	Female	Nov 27, 2005	Alive	166	226	14Y,3M,12D	Captive Birth
361	23006911	SD-WAP		605408	Female	Dec 01, 2005	Dead	190	244	0Y,0M,0D	Captive Birth
362	26734048	PATNA	LALI	R-PAT-17	Female	Dec 03, 2005	Alive	190	278	14Y,3M,7D	Captive Birth
363	MIG12-30059499	NURNBERG	Sofie	M03925	Female	Dec 27, 2005	Alive	134	185	14Y,2M,12D	Captive Birth
364	MIG12-29117104	WILDS	Rustum	107047	Male	May 31, 2003	Dead	156	203	12Y,11M,16D	Captive Birth
365	MIG12-29206603	PATNA	Ganesh	R-PAT-12	Male	Sep 19, 2004	Alive	156	159	15Y,5M,20D	Captive Birth
366	16916812	RUM CREEK	Rani	105051	Female	May 24, 2005	Alive	190	209	14Y,9M,15D	Captive Birth
367	MIG12-29891093	VIENNA	Sundari	M3065	Female	Jun 01, 2003 +/- 15 day	Alive	WILD	WILD	16Y,9M,9D	Wild Birth
368	MIG12-29891092	VIENNA	Jange	M3066	Male	Jun 01, 1997 +/- 15 day	Alive	WILD	WILD	22Y,9M,9D	Wild Birth
369	MIG12-29943010	DUBBO	Amala	A90051	Female	Jan 18, 2006	Alive	125	161	14Y,1M,21D	Captive Birth
370	15717882	SAFARIWIL	KHALI	_____	Male	Feb 24, 2006	Alive	190	272	14Y,0M,15D	Captive Birth
371	MIG12-28669840	LISBON	ALOK	9802	Male	Apr 10, 2006	Dead	188	201	0Y,2M,17D	Captive Birth
372	23007059	SD-WAP	TANAYA	606309	Female	Sep 29, 2006	Alive	190	137	13Y,5M,10D	Captive Birth
373	25208165	BATONROUG	SURAT	10856	Male	Oct 01, 2006	Alive	190	143	13Y,5M,9D	Captive Birth
374	22971199	WARSAW	Shikari	S6431	Female	Oct 17, 2006	Alive	123	204	13Y,4M,22D	Captive Birth

375	25864755	OKLAHOMA	Niki	774210	Female	Nov 16, 2006	Alive	222	223	13Y,3M,23D	Captive Birth
376	MIG12-29953685	CHESTER	ASHA	C1279	Female	Dec 31, 2006	Alive	220	257	13Y,2M,10D	Captive Birth
377	27837341	LONDON RP		5413	Male	Jun 01, 1830 +/- 6 month	Dead	WILD	WILD	19Y,3M,18D	Wild Birth
378	26618539	LONDON RP	MISS BET	5414	Female	Undetermined	Dead	WILD	WILD	33Y,6M,13D	Wild Birth
379	26618541	LONDON RP	TOM / MOSES	5417	Male	Undetermined	Dead	WILD	WILD	31Y,6M,29D	Wild Birth
380	26618542	LONDON RP	CARLO	5418	Male	Undetermined	Dead	WILD	WILD	23Y,7M,3D	Wild Birth
381	26618543	LONDON RP		5419	Male	Undetermined	Dead	WILD	WILD	11Y,5M,1D	Wild Birth
382	26618544	LONDON RP		5420	Female	Undetermined	Dead	WILD	WILD	5Y,10M,26D	Wild Birth
383	26618545	LONDON RP	FELIX	5421	Male	Undetermined	Dead	WILD	WILD	19Y,5M,20D	Wild Birth
384	17776402	WHIPNADE	Hush	2385	Male	Jun 01, 1932 +/- 6 month	Dead	WILD	WILD	12Y,9M,14D	Wild Birth
385	17776403	WHIPNADE	HASH	2386	Female	Jun 01, 1930 +/- 6 month	Dead	WILD	WILD	8Y,5M,17D	Wild Birth
386	MIG12-29206605	HYDERABAD	Suraj	20139	Male	Nov 06, 2005	Alive	156	203	14Y,4M,4D	Captive Birth
387	MIG12-29206606	HYDERABAD	Sarswati	20138	Female	Jan 24, 2007	Alive	156	159	13Y,1M,15D	Captive Birth
388		BERLINZOO		_____	Female	Aug 21, 2007	Dead	132	144	0Y,0M,0D	Captive Birth
389	22989997	SAFARIWIL	Java	_____	Male	Oct 02, 2007	Dead	UND	274	9Y,5M,14D	Captive Birth
390	MIG12-29206609	PATNA	Shaktiraj	R-PAT-18	Male	Oct 30, 2007	Alive	190	278	12Y,4M,10D	Captive Birth
391	23007143	SD-WAP		607107	Male	May 08, 2007	Dead	190	288	0Y,0M,0D	Captive Birth
392		KANAZAWA	Asuka	_____	Female	Feb 01, 2007	Dead	117	266	0Y,1M,21D	Captive Birth
393	27016369	BEWDLEY	RAP	RU2	Male	Nov 05, 2007	Alive	220	256	12Y,4M,5D	Captive Birth
394	MIG12-29128753	YULEE	FITZGERALD	154312	Male	Jan 05, 2007	Alive	222	131	13Y,2M,5D	Captive Birth
395	MIG12-29901367	OMAHA	Hilly	21444	Female	Oct 28, 2007	Alive	239	230	12Y,4M,11D	Captive Birth
396	22974863	DENVER	TENSING	A11302	Female	Nov 01, 2007	Alive	239	264	12Y,4M,9D	Captive Birth
398	MIG12-28712845	KOLKATA	BIHUA	_____	Male	Feb 12, 1970 +/- 6 month	Alive	WILD	WILD	50Y,0M,27D	Wild Birth
399	MIG12-28712800	ASSAM	Nakul	1000033	Male	Mar 06, 1976 +/- 15 day	Dead	WILD	WILD	0Y,1M,16D	Wild Birth
400	MIG12-28712849	ASSAM	Balaram	1000037	Male	Feb 17, 1976 +/- 6 month	Dead	WILD	WILD	33Y,10M,15D	Wild Birth
401	MIG12-28712852	PUNJAB PK	Sakuntala	_____	Female	Jun 15, 1971 +/- 6 month	Released to wild	WILD	WILD	7Y,1M,14D	Wild Birth
402	MIG12-28712867	ASSAM	Jaymati	1000072	Female	Apr 10, 1991 +/- 15 day	Dead	WILD	WILD	0Y,5M,9D	Wild Birth
403	MIG12-29697740	KATHMANDU	Kanchhi	1	Female	Jun 01, 1988 +/- 15 day	Dead	WILD	WILD	25Y,7M,0D	Wild Birth
404	MIG12-28409507	KATHMANDU	Kancha	2	Male	May 01, 1991 +/- 15 day	Alive	WILD	WILD	28Y,10M,9D	Wild Birth

405	27069208	CINCINNAT		108000	Female	Jan 05, 2008	Dead	239	189	0Y,0M,0D	Captive Birth
406	MIG12-29431955	OMAHA	JONTU	20710	Male	Jan 25, 2008	Alive	190	244	12Y,1M,14D	Captive Birth
407	MIG12-29771000	NYIREGYHA	JASMIN	M00949	Female	Feb 28, 2008	Alive	184	113	12Y,0M,11D	Captive Birth
408	MIG12-29961040	ROCKTON	Clover Haseley	B2RU02	Female	Mar 01, 2008	Alive	187	241	12Y,0M,9D	Captive Birth
409	MIG12-29478014	PLZEN	Manjula	316401	Female	Apr 27, 2008	Alive	166	226	11Y,10M,12D	Captive Birth
410	26734431	RUM CREEK	KAYA	115083	Female	Jul 08, 2008	Alive	190	143	11Y,8M,2D	Captive Birth
411	MIG12-28149210	BATUSECRE	Bertus	M2011	Male	Jul 13, 2008	Alive	134	185	11Y,7M,26D	Captive Birth
412	MIG12-28093518	BAYRAMOGL	SAMIR	M01445	Male	Aug 11, 2008	Alive	123	204	11Y,6M,28D	Captive Birth
413	26734486	SD-WAP	SUNDAR I	608340	Female	Nov 11, 2008	Dead	190	137	4Y,11M,21D	Captive Birth
414	24655712	BUFFALO	George	M12055	Male	Oct 06, 2008	Alive	53	139	11Y,5M,4D	Captive Birth
415	26734494	SD-WAP	RAMIR	608375	Male	Dec 24, 2008	Dead	190	288	1Y,0M,15D	Captive Birth
416	MIG12-28670896	LISBON		10700	Female	Mar 17, 2009	Dead	188	201	0Y,0M,0D	Captive Birth
417	26734662	DENVER	BANDHU	A11305	Male	May 18, 2009	Alive	351	356	10Y,9M,21D	Captive Birth
418	MIG12-29449399	TANGAN WP	Jaya	A09203	Female	Jul 07, 2009	Dead	254	276	7Y,11M,18D	Captive Birth
419	27827663	BEWDLEY	SETO PAITALA	1502	Female	Aug 27, 2009	Alive	145	195	10Y,6M,12D	Captive Birth
420	DLK17-00164	VISAKAPAT	Nakul	_____	Male	Jul 07, 2000 +/- 6 month	Alive	WILD	WILD	19Y,8M,3D	Wild Birth
421	MIG12-28596374	DELHI	ANJUHA	10005	Female	Nov 10, 2005	Alive	202	252	14Y,4M,0D	Captive Birth
422	MIG12-28690479	KANPUR	Harsh	KZP-11	Male	Mar 28, 2006	Alive	160	348	13Y,11M,11D	Captive Birth
423	MIG12-28596378	DELHI		10008	Male	Sep 17, 2007	Dead	UND	272	0Y,0M,0D	Captive Birth
424	26618537	PARIS JP		_____	Female	Jul 07, 1862 +/- 6 month	Undetermined (Lost to follow up)	WILD	WILD	2Y,11M,13D	Wild Birth
425	27900709	NY BRONX		711290	Male	Jul 07, 1906 +/- 6 month	Dead	WILD	WILD	12Y,1M,20D	Wild Birth
426	27900708	NY BRONX		231288	Female	Jul 07, 1920 +/- 6 month	Dead	WILD	WILD	41Y,6M,18D	Wild Birth
427		MYSORE	Raju	850011	Male	Jul 07, 1977 +/- 6 month	Dead	WILD	WILD	35Y,10M,25D	Wild Birth
428	MIG12-29212934	TERRA NAT	Tarun	RI005	Male	Jan 17, 2010	Dead	132	182	9Y,1M,7D	Captive Birth
429	MIG12-28068587	WROCLAW	MANAS	212318	Male	Feb 01, 2010	Alive	265	229	10Y,1M,9D	Captive Birth
430	MIG12-29398352	METROZOO		10M050	Female	May 08, 2010	Dead	273	271	0Y,0M,0D	Captive Birth
431	MIG12-28358113	BASEL		100046	Female	Jul 14, 2010	Dead	220	210	0Y,0M,0D	Captive Birth
432	MIG12-28358112	BEAUVAL	Henna	M01494	Female	Jul 23, 2010	Alive	220	110	9Y,7M,16D	Captive Birth

433	SQW14-00737	SD-WAP		610362	Male	Oct 16, 2010	Dead	351	325	0Y,0M,0D	Captive Birth
434	CWF10-01748	CINCINNAT		110085	Male	Oct 26, 2010	Dead	53	189	0Y,0M,0D	Captive Birth
435	MIG12-29641753	PLANCKNDL	KARAMA T	184016	Female	Nov 16, 2010	Alive	287	256	9Y,3M,23D	Captive Birth
436		RUM CREEK	AUTUMN	110065	Female	Oct 17, 2010	Alive	351	143	9Y,4M,22D	Captive Birth
437	ZRR16-00132	TANGAN WP	Stacks	A16572	Male	Oct 29, 2010	Alive	351	288	9Y,4M,10D	Captive Birth
438	MIG12-29641754	GUERNO	AJANG	MRU10001	Male	Aug 31, 2010	Alive	287	257	9Y,6M,10D	Captive Birth
440	MIG12-28712851	Asia, Uttar Pradesh (hi) (state) (IN), India	Krishna (Junior)		Male	Jan 01, 1977 +/- 6 month	Released to wild	WILD	WILD	2Y,9M,16D	Wild Birth
441	MIG12-29206610	PATNA	Election	R-PAT-19	Female	Apr 06, 2009	Alive	156	159	10Y,11M,4D	Captive Birth
442	MIG12-28712864	TRIVANDRU	PRADIP	NONE	Male	May 20, 1990 +/- 1 day	Alive	WILD	WILD	29Y,9M,19D	Wild Birth
443	6243051	MORELIA		RIN001	Female	Nov 13, 1992	Undetermined (Lost to follow up)	UND	UND	13Y,10M,15D	Captive Birth
444	6243050	MORELIA		RIN002	Male	Nov 13, 1992	Undetermined (Lost to follow up)	UND	UND	13Y,10M,15D	Captive Birth
445	YCJ12-00327	NAGOYA	7	11109	Male	Aug 15, 2009	Alive	117	266	10Y,6M,24D	Captive Birth
446	MIG12-28596375	DELHI	Raja Junior	10006	Male	Nov 11, 2008	Dead	347	252	3Y,5M,17D	Captive Birth
449	LMF13-00001	MYSORE	Virat	M01123	Male	May 25, 2011	Alive	156	159	8Y,9M,14D	Captive Birth
450	MIG12-29700273	SANFORD	PJ	11H144	Male	Jun 02, 2011	Alive	69	244	8Y,9M,8D	Captive Birth
451	MIG12-29747801	WILDS	JAHI	117032	Male	Jul 13, 2011	Alive	254	276	8Y,7M,26D	Captive Birth
452	MIG12-29569525	NYIREGYHA	Aruna	M13103	Female	Jul 31, 2011	Alive	166	226	8Y,7M,10D	Captive Birth
453	MIG12-29700154	YULEE		114030	Male	Sep 08, 2011	Dead	69	238	0Y,0M,0D	Captive Birth
454		PATNA		_____	Male	Oct 16, 2011	Dead	UND	UND	0Y,2M,16D	Captive Birth
455	MIG12-29885893	BEWDLEY	Sunanda	1306	Female	Nov 19, 2011	Alive	255	269	8Y,3M,20D	Captive Birth
456	LMF13-00003	PATNA	Jambo	R-PAT-22	Male	Nov 11, 2011	Alive	202	203	8Y,3M,28D	Captive Birth
457	MIG12-29963595	BATONROUG	Anala	10752	Female	Dec 29, 2011	Alive	273	271	8Y,2M,10D	Captive Birth
458	MIG12-29200382	TORONTO		44838	Female	Mar 18, 2011	Dead	332	342	0Y,0M,0D	Captive Birth
459	SQW14-01505	SD-WAP		613002	Male	Jan 05, 2013	Dead	351	410	0Y,0M,0D	Captive Birth
460	MQL12-00101	METROZOO	Charlees/SD-WAP	15M090	Female	Jan 20, 2012	Alive	351	346	8Y,1M,19D	Captive Birth
461	RMC12-00008	FOTA	Sushto	4931	Male	Feb 08, 2012	Alive	134	284	8Y,1M,2D	Captive Birth
462		RUM CREEK		112051	Female	Mar 03, 2012	Alive	330	209	8Y,0M,7D	Captive Birth
463	SQW14-01176	SD-WAP		612059	Male	Mar 15, 2012	Dead	351	325	0Y,0M,0D	Captive Birth
464	SQW15-05164	SD-WAP	ASHA II	615094	Female	Aug 16, 2012	Alive	190	137	7Y,6M,23D	Captive Birth

465		RUM CREEK		112133	Female	Aug 17, 2012	Dead	330	366	0Y,0M,2D	Captive Birth
466	QQT12-01117	LA TESTE	Jari	M15013	Male	Sep 10, 2012	Alive	220	210	7Y,6M,0D	Captive Birth
467	SQW14-01441	SD-WAP		612355	Male	Sep 16, 2012	Dead	351	372	0Y,0M,5D	Captive Birth
468	QZZ12-00314	MUNICH		079009	Male	Sep 22, 2012	Dead	152	193	0Y,0M,3D	Captive Birth
469	WVL12-00118	SD-WAP	JEEZAN	515170	Male	Oct 14, 2012	Dead	364	264	5Y,5M,2D	Captive Birth
470	JFQ12-02826	FOTA	Maya Zwatra	5637	Female	Nov 03, 2012	Alive	343	185	7Y,4M,7D	Captive Birth
471	SQW14-01495	YULEE	SHOMILI	174301	Female	Dec 13, 2012	Alive	351	413	7Y,2M,26D	Captive Birth
472	JTD13-00689	LA TESTE	BYS	RU1014	Male	Dec 25, 2012	Alive	335	374	7Y,2M,14D	Captive Birth
473	RGZ13-00423	FOTA	JAMIL	4780	Male	Dec 12, 2012	Alive	287	257	7Y,2M,27D	Captive Birth
474		RUM CREEK	HOPE	112197	Female	Dec 20, 2012	Dead	330	143	1Y,8M,8D	Captive Birth
476	FCZ13-00212	LISIEUX Z	RANGA	M13001	Female	Jan 13, 2013	Dead	265	229	2Y,0M,24D	Captive Birth
477	MLQ13-00672	NY BRONX	ANNA	M13045	Female	Apr 06, 2013	Alive	222	223	6Y,11M,4D	Captive Birth
478	BPL13-00615	SANDIEGOZ	Jiyu	516018	Male	May 09, 2013	Dead	254	276	5Y,7M,24D	Captive Birth
479	LMF13-00004	MYSORE	Dolly	M01124	Female	May 11, 2013	Alive	202	353	6Y,9M,28D	Captive Birth
480	DLK17-00165	KANPUR	Pawan	_____	Male	May 05, 2013	Alive	160	328	6Y,10M,5D	Captive Birth
481	CFF13-08359	BAYRAMOGL	KOMALA	M01463	Female	Jul 07, 2013	Alive	339	376	6Y,8M,3D	Captive Birth
482	FBY16-00141	ASSAM	81-Sanatan	1000080	Male	Sep 21, 2013	Alive	173	192	6Y,5M,18D	Captive Birth
483	LMF16-00091	PATNA	Vidhut	R-PAT-24	Male	Sep 06, 2013	Alive	202	278	6Y,6M,4D	Captive Birth
484	LKB13-00156	MONTGOMRY	Ethan	3938	Male	Jun 05, 2013	Dead	239	274	0Y,4M,13D	Captive Birth
485	WVL13-00562	NY BRONX	Priya/Rani	M13195	Female	Sep 27, 2013	Alive	364	230	6Y,5M,12D	Captive Birth
486	QQT13-01287	LA TESTE	Kiran	M15024	Male	Oct 05, 2013	Alive	220	110	6Y,5M,5D	Captive Birth
487	VVS13-02538	ALBUSTAN	Thulie	GIR003	Male	Oct 13, 2013	Alive	351	325	6Y,4M,26D	Captive Birth
488	WHN13-00219	YULEE	Auggie	134054	Male	Oct 27, 2013	Alive	69	244	6Y,4M,12D	Captive Birth
489	QRD13-03082	TOUROPARC	Salyan	T16095	Female	Nov 07, 2013	Alive	336	360	6Y,4M,3D	Captive Birth
491	FBY13-00111	ASSAM	RANI	1000081	Female	Oct 01, 1982 +/- 15 day	Dead	WILD	WILD	31Y,3M,0D	Wild Birth
493	LMF13-00006	PATNA	Babli	R-PAT 25	Female	Sep 16, 2013	Dead	202	159	1Y,10M,24D	Captive Birth
494	WHN13-00181	YULEE	Samba	134028	Female	May 09, 2013	Alive	69	238	6Y,10M,1D	Captive Birth
495	LMF13-00002	PATNA		R-PAT 21	Female	Jun 10, 2011	Dead	202	353	0Y,0M,0D	Captive Birth
496		MITO CHO	CHAMP	01	Male	Jan 31, 2014	Alive	117	266	6Y,1M,10D	Captive Birth

497	SQW14-01978	SANDIEGOZ	PARVES H	614063	Male	Feb 25, 2014	Alive	351	346	6Y,0M,14D	Captive Birth
498	HNH15-04756	WROCLAW	Maruška	219077	Female	Feb 02, 2014	Alive	345	409	6Y,1M,8D	Captive Birth
499	QQJ14-00795	TANGAN WP	Monica	A18785	Female	Jun 05, 2014	Alive	147	241	5Y,9M,5D	Captive Birth
500	WCD14-00647	EVANSVILLE	Rupert	117017	Male	Jun 21, 2014	Alive	125	375	5Y,8M,18D	Captive Birth
501	SQW14-04245	RUM CREEK	Petunia	_____	Female	Aug 01, 2014	Alive	351	372	5Y,7M,9D	Captive Birth
502	WVL14-00805	TOLEDO	Aashish	13285	Male	Aug 31, 2014	Alive	364	264	5Y,6M,10D	Captive Birth
503	JTD14-03098	LA FLECHE	BYS II	2418	Male	Oct 23, 2014	Alive	335	374	5Y,4M,16D	Captive Birth
504	HJZ14-00858	LISBON	SAVITA	12297	Female	Oct 27, 2014	Alive	123	204	5Y,4M,12D	Captive Birth
505	SQW14-04959	FRESNO	Chutti	208068	Male	Nov 27, 2014	Alive	351	410	5Y,3M,12D	Captive Birth
506		KOLKATA		_____	Undetermined	Jan 01, 2014 +/- 15 day	Alive	WILD	WILD	6Y,2M,9D	Wild Birth
507	FCB13-00382	NURNBERG		M03501	Male	Nov 03, 2012	Dead	145	195	0Y,0M,0D	Captive Birth
508		NANDANKAN	Nandan	NANDAN	Male	Apr 02, 1974	Dead	WILD	WILD	42Y,5M,27D	Wild Birth
509	ZZW14-00006	NANDANKAN		RHINO-1	Male	Jan 01, 1977 +/- 15 day	Dead	WILD	WILD	39Y,8M,27D	Wild Birth
510	QZZ15-00977	AMERSFOOR	PURI	M5221	Male	Aug 31, 2015	Alive	152	193	4Y,6M,10D	Captive Birth
511	RGZ15-03281	LA FLECHE	Bali	2426	Male	Sep 06, 2015	Alive	287	257	4Y,6M,4D	Captive Birth
512	JLG15-01750	AMERSFOOR	Thanos	M5222	Male	Sep 12, 2015	Alive	166	226	4Y,5M,27D	Captive Birth
513	YVZ16-08090	STEVENSVI	NANDU	UNDETERMINED	Male	Feb 17, 2016	Alive	332	342	4Y,0M,22D	Captive Birth
514	SQW16-06112	SD-WAP	ANANDI	616044	Female	Feb 24, 2016	Alive	351	346	4Y,0M,15D	Captive Birth
515	WHN15-02109	YULEE	Peaches	154052	Female	Nov 28, 2015	Alive	69	238	4Y,3M,11D	Captive Birth
516		RUM CREEK		114011	Female	Feb 04, 2014	Alive	330	209	6Y,1M,6D	Captive Birth
517	ZRR16-01179	FRESNO	MAZA	208069	Male	Jul 18, 2015	Alive	330	143	4Y,7M,21D	Captive Birth
518		RUM CREEK	Scooter	115115	Male	Oct 30, 2015	Alive	364	230	4Y,4M,10D	Captive Birth
519		RUM CREEK		116022	Female	Mar 02, 2016	Dead	330	209	0Y,3M,29D	Captive Birth
520	QSN15-02497	DUBBO	RAJA	B50147	Male	Oct 25, 2015	Dead	263	369	1Y,10M,29D	Captive Birth
521	NYT16-00036	KATHMANDU	NARAYANI	2M3	Female	Jan 01, 2009 +/- 15 day	Dead	WILD	WILD	7Y,5M,12D	Wild Birth
522	NYT16-00040	KATHMANDU	Biru	2M4	Male	Nov 01, 2011 +/- 1	Alive	WILD	WILD	8Y,4M,9D	Wild Birth
523	NYT16-00073	KATHMANDU	Bange	2M5	Male	Oct 01, 2013 +/- 1 day	Alive	WILD	WILD	6Y,5M,9D	Wild Birth
524	SVT15-02899	EDINBURGH	QABID	M18G04	Male	Dec 12, 2015	Alive	184	435	4Y,2M,27D	Captive Birth
527	QRD16-01594	EUROPA	Gainda	M16064	Male	Sep 09, 2016	Alive	336	432	3Y,6M,1D	Captive Birth

528	GVK16-03017	BERLINZOO		M1600123	Male	Sep 19, 2016	Dead	132	182	0Y,0M,0D	Captive Birth
529	FCZ16-00783	LISIEUX Z	SUNDAR A	M16138	Female	Oct 22, 2016	Alive	265	229	3Y,4M,17D	Captive Birth
530	SQW16-07030	SEATTLE	TAJ	Undetermined	Male	Nov 10, 2016	Alive	351	372	3Y,4M,0D	Captive Birth
531	WHN16-02298	YULEE	Frankie	164084	Female	Nov 28, 2016	Alive	69	244	3Y,3M,11D	Captive Birth
532	QQT17-02289	BASEL	Orys	170051	Male	Jan 07, 2017	Alive	220	210	3Y,2M,3D	Captive Birth
533	JFQ17-08464	ROTTERDAM	Karuna	Z17106	Female	Feb 14, 2017	Alive	184	185	3Y,0M,25D	Captive Birth
534	FCB17-01497	EDINBURGH	SANJAY	UNDETERMINED	Male	Mar 01, 2017	Alive	145	363	3Y,0M,9D	Captive Birth
535	YZQ17-01040	NYIREGYHA		M13352	Male	Mar 31, 2017	Dead	333	407	0Y,0M,0D	Captive Birth
536	LMF17-00112	PATNA	Shakti	R-PAT-27	Male	Jun 08, 2017	Alive	202	441	2Y,9M,2D	Captive Birth
537	LMF17-00113	PATNA	Rhine	R-PAT-28	Female	Jul 26, 2017	Alive	365	362	2Y,7M,13D	Captive Birth
538	LDB16-00331	HYDERABAD		500063	Male	Jul 05, 2012	Alive	386	387	7Y,8M,5D	Captive Birth
539	LDB16-00332	HYDERABAD		500064	Male	Sep 25, 2015	Alive	386	387	4Y,5M,14D	Captive Birth
540	DLK17-00166	KANPUR	Krishna	_____	Male	Sep 04, 2015	Alive	160	328	4Y,6M,6D	Captive Birth
541	VVS16-03733	ALBUSTAN	Newari	GIR004	Male	Jul 12, 2016	Alive	249	325	3Y,7M,27D	Captive Birth
542	WVL16-01248	SEATTLE	GLENN	206623	Male	Nov 11, 2016	Alive	364	264	3Y,3M,28D	Captive Birth
544		RUM CREEK		114027	Female	Mar 14, 2014	Dead	330	288	0Y,0M,0D	Captive Birth
545		RUM CREEK		116129	Male	Nov 28, 2016	Alive	330	288	3Y,3M,11D	Captive Birth
546		RUM CREEK		117027	Female	Mar 29, 2017	Dead	330	366	0Y,0M,1D	Captive Birth
547		RUM CREEK		117093	Male	Aug 15, 2017	Dead	327	436	0Y,0M,0D	Captive Birth
548	HNH18-07828	BASEL	Shakti	190052	Female	Feb 05, 2017	Alive	345	409	3Y,1M,5D	Captive Birth
552	FBY18-00298	ASSAM	Gaonburha	000R4	Male	Mar 19, 2016 +/- 15 day	Alive	WILD	WILD	3Y,11M,20D	Undetermined
553	FBY18-00299	MYSORE	Bagori	M01555	Female	Mar 05, 2016 +/- 15 day	Alive	WILD	WILD	4Y,0M,5D	Undetermined
554	FBY18-00300	ASSAM	Shanti	000R6	Female	Jan 26, 2016 +/- 15 day	Dead	UND	UND	1Y,11M,18D	Undetermined
555	YVZ17-10178	TORONTO	KIRAN	50000	Male	Jan 04, 2018	Alive	332	342	2Y,2M,6D	Captive Birth
556	QRD18-03123	BEAUVAL	SANANDA	M02297	Female	Jan 16, 2018	Alive	336	360	2Y,1M,23D	Captive Birth
557	SQW18-08710	SD-WAP		618077	Male	Mar 10, 2018	Dead	351	346	0Y,0M,0D	Captive Birth
558	JTD18-04768	WARSAW	Yang	S7482	Male	Mar 16, 2018	Alive	335	374	1Y,11M,23D	Captive Birth
559	CFF18-23347	CHESTER	AKENO	C18418	Male	May 03, 2018	Alive	339	376	1Y,10M,7D	Captive Birth

560	WHN18-02523	YULEE	Mowgli	184019	Male	Mar 26, 2018	Alive	394	238	1Y,11M,13D	Captive Birth
561	SQW18-09033	SD-WAP	CAROLE	618244	Female	Jun 22, 2018	Alive	351	464	1Y,8M,17D	Captive Birth
562	SQW18-09084	SD-WAP	Tio	618270	Male	Jul 09, 2018	Alive	351	372	1Y,8M,1D	Captive Birth
563	YZQ18-01681	NYIREGYHA	Csülök	M13601	Male	Sep 26, 2018	Alive	333	407	1Y,5M,13D	Captive Birth
564	GGW18-01349	LISBON		12535	Female	Jul 04, 2018	Dead	188	201	0Y,0M,0D	Captive Birth
565	LMF18-00118	PATNA		R-PAT 29	Female	Nov 03, 2017	Dead	202	159	0Y,0M,2D	Captive Birth
566	LMF17-00111	PATNA		R-PAT 26	Male	Feb 16, 2014	Dead	202	362	0Y,0M,3D	Captive Birth
567	JLG19-03966	BERLINZOO	Karl	Undetermined	Male	Sep 05, 2018	Alive	166	226	1Y,6M,5D	Captive Birth
568	WHN19-02807	YULEE		184073	Female	Dec 21, 2018	Alive	394	471	1Y,2M,18D	Captive Birth
569	SYF19-01082	BEWDLEY		1826	Female	Feb 14, 2019	Dead	393	419	0Y,0M,0D	Captive Birth
570	HPB19-06869	METROZOO		19M050	Female	Apr 23, 2019	Alive	273	460	0Y,10M,16D	Captive Birth
571	QQJ19-01710	BUFFALO	Mohan	M19003	Male	Jun 17, 2019	Alive	273	241	0Y,8M,22D	Captive Birth
572	SQW19-18851	SD-WAP	ANUSHA	4000844	Female	Jul 30, 2019	Alive	351	346	0Y,7M,10D	Captive Birth
573	WVL19-01568	WILDS	Rohini	119057	Female	Aug 24, 2019	Alive	451	264	0Y,6M,15D	Captive Birth
574	QRD19-05097	BEAUVAL	Anjali	M02739	Female	Aug 28, 2019	Alive	336	432	0Y,6M,11D	Captive Birth
575	RMC19-00313	TERRA NAT	DUNA	R1006	Female	Sep 02, 2019	Alive	134	284	0Y,6M,8D	Captive Birth
576	MSH19-10555	OMAHA	Marshall	25949	Male	Aug 30, 2019	Alive	406	395	0Y,6M,10D	Captive Birth
577	RGZ19-04887	WHIPSNIDE	ZHIWA	8066	Female	Dec 08, 2019	Alive	287	257	0Y,3M,2D	Captive Birth
578	FBY18-00301	ASSAM	Nagshankar	000R7	Male	Jul 03, 2006	Alive	WILD	WILD	13Y,8M,7D	Wild Birth

8 Appendix II – Current Studbook Population

Data current as of 31st of December, 2019

CURRENT LOCATION	STUDBOOK ID	HOUSE NAME	CURRENT LOCAL ID	SEX TYPE	BIRTH DATE	SIRE	DAM	AGE
ALBUSTAN	325	Asha	GIR002	Female	Jan 14, 2003	190	143	17Y,1M,25D
ALBUSTAN	487	Thulie	GIR003	Male	Oct 13, 2013	351	325	6Y,4M,26D
ALBUSTAN	249	Giirja	GIR001	Male	Nov 23, 1997	106	209	22Y,3M,16D
ALBUSTAN	541	Newari	GIR004	Male	Jul 12, 2016	249	325	3Y,7M,27D
AMERSFOOR	512	Thanos	M5222	Male	Sep 12, 2015	166	226	4Y,5M,27D
AMERSFOOR	510	PURI	M5221	Male	Aug 31, 2015	152	193	4Y,6M,10D
ASSAM	482	81-Sanatan	1000080	Male	Sep 21, 2013	173	192	6Y,5M,18D
ASSAM	352	Pori	1000079	Female	Jun 04, 2002	173	192	17Y,9M,6D
ASSAM	578	Nagshankar	000R7	Male	Jul 03, 2006	WILD	WILD	13Y,8M,7D
ASSAM	192	Baghekhaiti	1000071	Female	Jun 01, 1990 +/- 15 day	WILD	WILD	29Y,9M,9D
ASSAM	552	Gaonburha	000R4	Male	Mar 19, 2016 +/- 15 day	WILD	WILD	3Y,11M,20D
BASEL	220	Jaffna	694115	Male	Mar 18, 1994	106	130	25Y,11M,21D
BASEL	532	Orys	170051	Male	Jan 07, 2017	220	210	3Y,2M,3D
BASEL	210	Quetta	930042	Female	Oct 10, 1993	100	110	26Y,5M,0D
BASEL	548	Shakti	190052	Female	Feb 05, 2017	345	409	3Y,1M,5D
BATONROUG	457	Anala	10752	Female	Dec 29, 2011	273	271	8Y,2M,10D
BATONROUG	373	SURAT	10856	Male	Oct 01, 2006	190	143	13Y,5M,9D
BATUSECRE	411	Bertus	M2011	Male	Jul 13, 2008	134	185	11Y,7M,26D
BAYRAMOGL	481	KOMALA	M01463	Female	Jul 07, 2013	339	376	6Y,8M,3D
BAYRAMOGL	412	SAMIR	M01445	Male	Aug 11, 2008	123	204	11Y,6M,28D
BEAUVAL	336	Sahib	M0781	Male	Mar 21, 2004	123	204	15Y,11M,18D
BEAUVAL	360	Saathi	M0784	Female	Nov 27, 2005	166	226	14Y,3M,12D
BEAUVAL	432	Henna	M01494	Female	Jul 23, 2010	220	110	9Y,7M,16D
BEAUVAL	574	Anjali	M02739	Female	Aug 28, 2019	336	432	0Y,6M,11D
BEAUVAL	556	SANANDA	M02297	Female	Jan 16, 2018	336	360	2Y,1M,23D

BEIJING	141	Nim	_____	Male	Nov 04, 1987	86	93	32Y,4M,6D
BERLINZOO	226	Betty	Undetermined	Female	Jan 21, 1995	106	182	25Y,1M,18D
BERLINZOO	567	Karl	Undetermined	Male	Sep 05, 2018	166	226	1Y,6M,5D
BEWDLEY	419	SETO PAITALA	1502	Female	Aug 27, 2009	145	195	10Y,6M,12D
BEWDLEY	393	RAP	RU2	Male	Nov 05, 2007	220	256	12Y,4M,5D
BEWDLEY	455	Sunanda	1306	Female	Nov 19, 2011	255	269	8Y,3M,20D
BUFFALO	571	Mohan	M19003	Male	Jun 17, 2019	273	241	0Y,8M,22D
BUFFALO	414	George	M12055	Male	Oct 06, 2008	53	139	11Y,5M,4D
BUFFALO	241	Tashi	98M146	Female	Dec 06, 1996	125	161	23Y,3M,4D
CARSON	106	RABHA	_____	Male	May 15, 1981	76	77	38Y,9M,24D
CHESTER	376	ASHA	C1279	Female	Dec 31, 2006	220	257	13Y,2M,10D
CHESTER	559	AKENO	C18418	Male	May 03, 2018	339	376	1Y,10M,7D
CHESTER	339	Beni	C11649	Male	Jul 31, 2004	152	148	15Y,7M,10D
CHIANGMAI	243	Kari	M08035	Female	Jan 01, 1984 +/- 6 mo	WILD	WILD	36Y,2M,9D
CINCINNAT	359	Manjula	109072	Female	Oct 25, 2005	239	230	14Y,4M,14D
DELHI	421	ANJUHA	10005	Female	Nov 10, 2005	202	252	14Y,4M,0D
DELHI	252	MAHESHWARI	10003	Female	Nov 27, 1997	151	194	22Y,3M,12D
DENVER	396	TENSING	A11302	Female	Nov 01, 2007	239	264	12Y,4M,9D
DENVER	417	BANDHU	A11305	Male	May 18, 2009	351	356	10Y,9M,21D
DUBBO	369	Amala	A90051	Female	Jan 18, 2006	125	161	14Y,1M,21D
DUBBO	263	Dora	A30069	Male	Aug 14, 1999	57	183	20Y,6M,25D
EDINBURGH	534	SANJAY	UNDETERMINED	Male	Mar 01, 2017	145	363	3Y,0M,9D
EDINBURGH	524	QABID	M18G04	Male	Dec 12, 2015	184	435	4Y,2M,27D
EUROPA	182	Jhansi	Undetermined	Female	Jul 20, 1990	106	130	29Y,7M,19D
EUROPA	144	Narayani	Undetermined	Female	Nov 01, 1987 +/- 6 month	WILD	WILD	32Y,4M,9D
EUROPA	527	Gainda	M16064	Male	Sep 09, 2016	336	432	3Y,6M,1D
EVANSVILLE	138	Mechi	109014	Female	Mar 01, 1986 +/- 6 month	WILD	WILD	34Y,0M,9D
EVANSVILLE	500	Rupert	117017	Male	Jun 21, 2014	125	375	5Y,8M,18D

FOTA	470	Maya Zwatra	5637	Female	Nov 03, 2012	343	185	7Y,4M,7D
FOTA	473	JAMIL	4780	Male	Dec 12, 2012	287	257	7Y,2M,27D
FOTA	461	Sushto	4931	Male	Feb 08, 2012	134	284	8Y,1M,2D
FRESNO	517	MAZA	208069	Male	Jul 18, 2015	330	143	4Y,7M,21D
FRESNO	505	Chutti	208068	Male	Nov 27, 2014	351	410	5Y,3M,12D
GUERNO	269	Saar	_____	Female	Feb 12, 2000	123	204	20Y,0M,27D
GUERNO	438	AJANG	MRU10001	Male	Aug 31, 2010	287	257	9Y,6M,10D
HYDERABAD	387	Sarswati	20138	Female	Jan 24, 2007	156	159	13Y,1M,15D
HYDERABAD	538		500063	Male	Jul 05, 2012	386	387	7Y,8M,5D
HYDERABAD	386	Suraj	20139	Male	Nov 06, 2005	156	203	14Y,4M,4D
HYDERABAD	539		500064	Male	Sep 25, 2015	386	387	4Y,5M,14D
KANAZAWA	117	Kintaro	01	Male	Jul 12, 1983	41	34	36Y,7M,27D
KANAZAWA	266	GOPON	03	Female	Dec 22, 1999	106	209	20Y,2M,17D
KANPUR	328	Manu	KAN-10	Female	Jun 22, 2002	140	348	17Y,8M,17D
KANPUR	480	Pawan	_____	Male	May 05, 2013	160	328	6Y,10M,5D
KANPUR	540	Krishna	_____	Male	Sep 04, 2015	160	328	4Y,6M,6D
KANPUR	422	Harsh	KZP-11	Male	Mar 28, 2006	160	348	13Y,11M,11D
KATHMANDU	404	Kancha	2	Male	May 01, 1991 +/- 15 day	WILD	WILD	28Y,10M,9D
KATHMANDU	522	Biru	2M4	Male	Nov 01, 2011 +/- 1 day	WILD	WILD	8Y,4M,9D
KATHMANDU	523	Bange	2M5	Male	Oct 01, 2013 +/- 1 day	WILD	WILD	6Y,5M,9D
KOLKATA	398	BIHUA	_____	Male	Feb 12, 1970 +/- 6 month	WILD	WILD	50Y,0M,27D
KOLKATA	506		_____	Undetermined	Jan 01, 2014 +/- 15 day	WILD	WILD	6Y,2M,9D
LA FLECHE	511	Bali	2426	Male	Sep 06, 2015	287	257	4Y,6M,4D
LA FLECHE	503	BYS II	2418	Male	Oct 23, 2014	335	374	5Y,4M,16D
LA TESTE	486	Kiran	M15024	Male	Oct 05, 2013	220	110	6Y,5M,5D
LA TESTE	472	BYS	RU1014	Male	Dec 25, 2012	335	374	7Y,2M,14D
LA TESTE	466	Jari	M15013	Male	Sep 10, 2012	220	210	7Y,6M,0D
LISBON	245	NOVA	10718	Female	Sep 13, 1997	145	93	22Y,5M,26D

LISBON	504	SAVITA	12297	Female	Oct 27, 2014	123	204	5Y,4M,12D
LISBON	201	TEJA	5532	Female	Nov 15, 1992	115	55	27Y,3M,24D
LISBON	188	GANGTOK	5497	Male	Dec 22, 1991	106	143	28Y,2M,17D
LISIEUX Z	529	SUNDARA	M16138	Female	Oct 22, 2016	265	229	3Y,4M,17D
LISIEUX Z	229	WINONA	M00057	Female	Oct 12, 1995	115	113	24Y,4M,27D
LISIEUX Z	265	Albrecht	M01088	Male	Oct 08, 1999	135	195	20Y,5M,2D
LOWRY	180	Juanpur	103162	Male	Jan 27, 1990	26	29	30Y,1M,12D
LOWRY	276	Jamie	101757	Female	May 10, 2001	125	161	18Y,10M,0D
MADRID Z	270	Daan	RI3	Male	Jul 04, 2000	134	185	19Y,8M,6D
MADRID Z	341	BATSCHII	RI5	Female	Sep 02, 2004	220	210	15Y,6M,8D
METROZOO	460	Charlees/SD-WAP	15M090	Female	Jan 20, 2012	351	346	8Y,1M,19D
METROZOO	570		19M050	Female	Apr 23, 2019	273	460	0Y,10M,16D
METROZOO	273	Suru	Y3M062	Male	Dec 31, 2000	106	137	19Y,2M,10D
MICANOPY	271	Kalu/METROZOO	_____	Female	Dec 22, 2000	53	131	19Y,2M,17D
MICANOPY	357	SOMAN	_____	Male	Feb 27, 2005	190	143	15Y,0M,12D
MITO CHO	496	CHAMP	01	Male	Jan 31, 2014	117	266	6Y,1M,10D
MUNICH	152	NIKOLAUS	079003	Male	Nov 27, 1988	41	34	31Y,3M,12D
MUNICH	193	Rapti	079001	Female	Aug 01, 1989 +/- 6 month	WILD	WILD	30Y,7M,9D
MYSORE	479	Dolly	M01124	Female	May 11, 2013	202	353	6Y,9M,28D
MYSORE	449	Virat	M01123	Male	May 25, 2011	156	159	8Y,9M,14D
MYSORE	553	Bagori	M01555	Female	Mar 05, 2016 +/- 15 day	WILD	WILD	4Y,0M,5D
NAGOYA	183	Nilgiri	10006	Female	Oct 23, 1990	100	110	29Y,4M,16D
NAGOYA	331	Sera	10007	Male	Dec 20, 2003	57	183	16Y,2M,19D
NAGOYA	445	7	11109	Male	Aug 15, 2009	117	266	10Y,6M,24D
NANDANKAN	154	Nandan	4002	Male	Jan 01, 1974 +/- 15 day	WILD	WILD	46Y,2M,9D
NURNBERG	363	Sofie	M03925	Female	Dec 27, 2005	134	185	14Y,2M,12D
NURNBERG	166	BELUR	Undetermined	Male	Jan 01, 1990	42	40	30Y,2M,9D
NY BRONX	223	PENNY	M01136	Female	Oct 05, 1994	10	80	25Y,5M,5D

NY BRONX	222	SANJAY	M04180	Male	Sep 11, 1994	69	79	25Y,5M,28D
NY BRONX	485	Priya/Rani	M13195	Female	Sep 27, 2013	364	230	6Y,5M,12D
NY BRONX	139	Kali	981044	Female	Jul 01, 1986 +/- 6 month	WILD	WILD	33Y,8M,9D
NY BRONX	477	ANNA	M13045	Female	Apr 06, 2013	222	223	6Y,11M,4D
NY BRONX	131	ELLAH	861069	Female	Apr 09, 1986	83	66	33Y,11M,1D
NYIREGYHA	333	Nepal	M00409	Male	Jan 29, 2004	135	195	16Y,1M,10D
NYIREGYHA	407	JASMIN	M00949	Female	Feb 28, 2008	184	113	12Y,0M,11D
NYIREGYHA	563	Csülök	M13601	Male	Sep 26, 2018	333	407	1Y,5M,13D
NYIREGYHA	452	Aruna	M13103	Female	Jul 31, 2011	166	226	8Y,7M,10D
OKLAHOMA	137	Shanti	774813	Female	Oct 01, 1986 +/- 6 month	WILD	WILD	33Y,5M,9D
OKLAHOMA	190	Arun	774712	Male	Dec 01, 1989 +/- 6 month	WILD	WILD	30Y,3M,9D
OKLAHOMA	375	Niki	774210	Female	Nov 16, 2006	222	223	13Y,3M,23D
OMAHA	395	Hilly	21444	Female	Oct 28, 2007	239	230	12Y,4M,11D
OMAHA	406	JONTU	20710	Male	Jan 25, 2008	190	244	12Y,1M,14D
OMAHA	576	Marshall	25949	Male	Aug 30, 2019	406	395	0Y,6M,10D
PATNA	159	HARTALI	R-PAT-4	Female	Jul 08, 1988	157	155	31Y,8M,2D
PATNA	456	Jambo	R-PAT-22	Male	Nov 11, 2011	202	203	8Y,3M,28D
PATNA	483	Vidhut	R-PAT-24	Male	Sep 06, 2013	202	278	6Y,6M,4D
PATNA	202	Ayodhya	R-PAT-13	Male	Dec 27, 1992	151	194	27Y,2M,12D
PATNA	390	Shaktiraj	R-PAT-18	Male	Oct 30, 2007	190	278	12Y,4M,10D
PATNA	441	Election	R-PAT-19	Female	Apr 06, 2009	156	159	10Y,11M,4D
PATNA	362	LALI	R-PAT-17	Female	Dec 03, 2005	190	278	14Y,3M,7D
PATNA	365	Ganesh	R-PAT-12	Male	Sep 19, 2004	156	159	15Y,5M,20D
PATNA	353	Akanksha	R-PAT-10	Female	Aug 08, 2002	156	159	17Y,7M,2D
PATNA	203	Rani	R-PAT-5	Female	Jul 06, 1991	157	155	28Y,8M,4D
PATNA	536	Shakti	R-PAT-27	Male	Jun 08, 2017	202	441	2Y,9M,2D
PATNA	537	Rhine	R-PAT-28	Female	Jul 26, 2017	365	362	2Y,7M,13D
PLANCKNDL	113	JOHANNA	184004	Female	Aug 09, 1982	73	55	37Y,7M,1D

PLANCKNDL	435	KARAMAT	184016	Female	Nov 16, 2010	287	256	9Y,3M,23D
PLANCKNDL	184	GUJURAT	184013	Male	Dec 28, 1990	106	99	29Y,2M,11D
PLZEN	345	BAABUU	316403	Male	Nov 04, 2004	220	110	15Y,4M,6D
PLZEN	409	Manjula	316401	Female	Apr 27, 2008	166	226	11Y,10M,12D
QINGYUAN	262	Ivan	Undetermined	Male	Jul 27, 1999	106	130	20Y,7M,12D
ROCKTON	254	Arjun	B4RU03	Male	Jul 27, 1998	53	131	21Y,7M,12D
ROCKTON	408	Clover Haseley	B2RU02	Female	Mar 01, 2008	187	241	12Y,0M,9D
ROLLING H	146	JOYA	950029	Male	May 22, 1988	26	29	31Y,9M,17D
ROTTERDAM	533	Karuna	Z17106	Female	Feb 14, 2017	184	185	3Y,0M,25D
ROTTERDAM	185	NAMASTE	104724	Female	Feb 11, 1991	41	34	29Y,0M,28D
RUM CREEK	230	DAILEY	101023	Female	Dec 28, 1995	53	131	24Y,2M,11D
RUM CREEK	288	RAJI	109091	Female	Dec 23, 2002	190	130	17Y,2M,16D
RUM CREEK	545		116129	Male	Nov 28, 2016	330	288	3Y,3M,11D
RUM CREEK	209	Godavari	104247	Female	Sep 07, 1993	26	143	26Y,6M,3D
RUM CREEK	410	KAYA	115083	Female	Jul 08, 2008	190	143	11Y,8M,2D
RUM CREEK	501	Petunia	_____	Female	Aug 01, 2014	351	372	5Y,7M,9D
RUM CREEK	330	BHRAMPUTRA	107048	Male	Nov 10, 2003	202	252	16Y,4M,0D
RUM CREEK	518	Scooter	115115	Male	Oct 30, 2015	364	230	4Y,4M,10D
RUM CREEK	366	Rani	105051	Female	May 24, 2005	190	209	14Y,9M,15D
RUM CREEK	436	AUTUMN	110065	Female	Oct 17, 2010	351	143	9Y,4M,22D
RUM CREEK	462		112051	Female	Mar 03, 2012	330	209	8Y,0M,7D
RUM CREEK	327	TARO	115134	Male	Jun 13, 2003	190	137	16Y,8M,26D
RUM CREEK	516		114011	Female	Feb 04, 2014	330	209	6Y,1M,6D
RUM CREEK	143	GOALPARA	109090	Female	May 28, 1987	26	99	32Y,9M,11D
SAFARIWIL	370	KHALI	_____	Male	Feb 24, 2006	190	272	14Y,0M,15D
SAN FRAN	227	Gauhati	197006	Male	May 26, 1995	106	99	24Y,9M,13D
SANDIEGOZ	497	PARVESH	614063	Male	Feb 25, 2014	351	346	6Y,0M,14D
SANFORD	450	PJ	11H144	Male	Jun 02, 2011	69	244	8Y,9M,8D

SD-WAP	351	Bhopu	607123	Male	Sep 29, 2000	156	159	19Y,5M,10D
SD-WAP	562	Tio	618270	Male	Jul 09, 2018	351	372	1Y,8M,1D
SD-WAP	346	ALTA	608199	Female	Dec 26, 2004	53	139	15Y,2M,13D
SD-WAP	372	TANAYA	606309	Female	Sep 29, 2006	190	137	13Y,5M,10D
SD-WAP	514	ANANDI	616044	Female	Feb 24, 2016	351	346	4Y,0M,15D
SD-WAP	561	CAROLE	618244	Female	Jun 22, 2018	351	464	1Y,8M,17D
SD-WAP	572	ANUSHA	4000844	Female	Jul 30, 2019	351	346	0Y,7M,10D
SD-WAP	464	ASHA II	615094	Female	Aug 16, 2012	190	137	7Y,6M,23D
SEATTLE	542	GLENN	206623	Male	Nov 11, 2016	364	264	3Y,3M,28D
SEATTLE	530	TAJ	Undetermined	Male	Nov 10, 2016	351	372	3Y,4M,0D
SINGAPORE	97	Gomati	G4844	Female	Jan 09, 1979	94	23	41Y,2M,1D
SINGAPORE	161	MARY	G11361	Female	Sep 05, 1989	83	66	30Y,6M,5D
STEVENSVI	513	NANDU	UNDETERMINED	Male	Feb 17, 2016	332	342	4Y,0M,22D
STEVENSVI	329	SABARI	_____	Male	Sep 17, 2003	190	209	16Y,5M,22D
STUTTGART	123	BRUNO	3127	Male	Jan 29, 1985	41	34	35Y,1M,10D
TANGAN WP	499	Monica	A18785	Female	Jun 05, 2014	147	241	5Y,9M,5D
TANGAN WP	437	Stacks	A16572	Male	Oct 29, 2010	351	288	9Y,4M,10D
TERRA NAT	280	NISHA	RI002	Female	Jul 15, 2001	152	148	18Y,7M,24D
TERRA NAT	575	DUNA	RI006	Female	Sep 02, 2019	134	284	0Y,6M,8D
TERRA NAT	284	Shiwa	RI001	Female	Apr 13, 2002	123	204	17Y,10M,26D
TOKYOTAMA	240	Tarrh	2463	Male	Nov 20, 1996	100	110	23Y,3M,19D
TOKYOTAMA	282	BIKRAM	3799	Male	Jun 01, 2001 +/- 6 month	WILD	WILD	18Y,9M,9D
TOKYOTAMA	283	NARAYANI	3800	Female	Jun 01, 2001 +/- 6 month	WILD	WILD	18Y,9M,9D
TOLEDO	502	Aashish	13285	Male	Aug 31, 2014	364	264	5Y,6M,10D
TORONTO	342	Ashakiran	41170	Female	Sep 15, 2004	187	241	15Y,5M,24D
TORONTO	332	VISHNU	39770	Male	Feb 27, 2003	53	131	17Y,0M,12D
TORONTO	555	KIRAN	50000	Male	Jan 04, 2018	332	342	2Y,2M,6D
TOUROPARC	343	FANINDRA	T12173	Male	Sep 23, 2004	184	113	15Y,5M,16D

TOUROPARC	489	Salyan	T16095	Female	Nov 07, 2013	336	360	6Y,4M,3D
TRIVANDRU	175	Ramu	_____	Male	Mar 30, 1988 +/- 15 day	WILD	WILD	31Y,11M,10D
TRIVANDRU	442	PRADIP	NONE	Male	May 20, 1990 +/- 1 day	WILD	WILD	29Y,9M,19D
TRIVANDRU	177	JADU	_____	Male	Jul 26, 1988 +/- 15 day	WILD	WILD	31Y,7M,13D
VALDOSTA	259	GRAM	11M004	Male	May 18, 1999	106	143	20Y,9M,21D
VIENNA	367	Sundari	M3065	Female	Jun 01, 2003 +/- 15 day	WILD	WILD	16Y,9M,9D
VIENNA	368	Jange	M3066	Male	Jun 01, 1997 +/- 15 day	WILD	WILD	22Y,9M,9D
VISAKAPAT	420	Nakul	_____	Male	Jul 07, 2000 +/- 6 month	WILD	WILD	19Y,8M,3D
WARSAW	335	JACOB	S6139	Male	Feb 29, 2004	132	182	16Y,0M,10D
WARSAW	558	Yang	S7482	Male	Mar 16, 2018	335	374	1Y,11M,23D
WARSAW	374	Shikari	S6431	Female	Oct 17, 2006	123	204	13Y,4M,22D
WHIPNADE	577	ZHIWA	8066	Female	Dec 08, 2019	287	257	0Y,3M,2D
WHIPNADE	256	Beluki	L3165	Female	Mar 01, 1996 +/- 6	WILD	WILD	24Y,0M,9D
WHIPNADE	287	HUGO	3289	Male	Dec 07, 2002	134	185	17Y,3M,3D
WHIPNADE	257	Behan	L3188	Female	Jun 01, 1996 +/- 6 month	WILD	WILD	23Y,9M,9D
WILDS	451	JAHI	117032	Male	Jul 13, 2011	254	276	8Y,7M,26D
WILDS	264	Sanya	104020	Female	Aug 14, 1999	69	79	20Y,6M,25D
WILDS	573	Rohini	119057	Female	Aug 24, 2019	451	264	0Y,6M,15D
WROCLAW	498	Maruška	219077	Female	Feb 02, 2014	345	409	6Y,1M,8D
WROCLAW	429	MANAS	212318	Male	Feb 01, 2010	265	229	10Y,1M,9D
YULEE	560	Mowgli	184019	Male	Mar 26, 2018	394	238	1Y,11M,13D
YULEE	394	FITZGERALD	154312	Male	Jan 05, 2007	222	131	13Y,2M,5D
YULEE	238	Chitwan	Y94307	Female	Sep 18, 1996	101	138	23Y,5M,21D
YULEE	494	Samba	134028	Female	May 09, 2013	69	238	6Y,10M,1D
YULEE	515	Peaches	154052	Female	Nov 28, 2015	69	238	4Y,3M,11D
YULEE	488	Auggie	134054	Male	Oct 27, 2013	69	244	6Y,4M,12D
YULEE	568		184073	Female	Dec 21, 2018	394	471	1Y,2M,18D
YULEE	471	SHOMILI	174301	Female	Dec 13, 2012	351	413	7Y,2M,26D

YULEE	531	Frankie	164084	Female	Nov 28, 2016	69	244	3Y,3M,11D
YULEE	244	Jakichu	Y94309	Female	Aug 24, 1997	106	130	22Y,6M,15D

9 Location Glossary 2019

Data: April 2020

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TANGAN WP Tanganyika Wildlife Park

1037 S 183rd St West, Goddard, Kansas, 67052, USA

Tel: +1.316.393.0088 Fax: +1.316.794.8370

Contact: Stephanie Jeter cloudlep@sbcglobal.net

TERRA NAT Terra Natura S.A.

Foia del Verdader 1, 03502 Benidorm, Alicante, Spain

Tel: +34.902.522.333 Fax: +34.902.522.444

Contact: Elisa Gozalbes elisa.gozalbes@terranatura.com

TOKYOTAMA Tama Zoological Park

7-1-1 Hodokubo, Hino-shi, Tokyo, 191-0042 Japan

Tel: +81.42.591.1611 Fax: +81.42.594.4315

Contact: Hiroko Ogawa tama_shiiku@tzps.or.jp

TOLEDO Toledo Zoological Gardens PO Box 140130

2700 Broadway Ave (43609)

Toledo Ohio 43614-0130 United States

Tel: +1 (419)385-5721

Fax +1 (419)385-8670

<http://www.toledozoo.org>

TORONTO Toronto Zoo

361A Old Finch Ave., Scarborough, Ontario, M1B 5K7 Canada

Tel: +1.416.392-5971 Fax: +1.416.392-4979

Contact: Mindy Waisglass mwaisglass@torontozoo.ca

TOUROPARC Touroparc

La Maison blanche, Romanche-Thorins, 71570 France

Tel: +33.385.355153 Fax: +33.385.355234

Contact: Franck Chaduc franck.chaduc@wanadoo.fr

TRIVANDRU Thiruvananthapuram (Trivandrum) Zoo

Department of Museums and Zoos, Thiruvananthapuram, Kerala, 695 033 India

Tel: +91.471.2316275 / 23

Contact: unknown

VALDOSTA Wild Adventures Theme Park

3766 Old Clyattville Rd., Valdosta, Georgia, USA

Tel: +1.119.292.3972 Fax: +1.229.412-2414

Contact: Chris Kilpatrick, ckilpatrick@wildadventures.com

VIENNA Schoenbrunner Tiergarten GmbH, Wien

Zoo Vienna, A-1130 Wien, Austria

Tel: +43.1.877.9294 Fax: +43.1.877.9641

Contact: Simone Haderthauer s.haderthauer@zoovienna.at

VISAKAPAT Indira Gandhi Zoological Park

Visakapatnam, 530040 Andra Pradesh, India

Tel: +91.891.255.2081

Contact: zoo_vzg@efs.gov.in

WARSAW Miejski Ogród Zoologiczny Warsaw

ul. Ratuszowa 1/3, 03-461 Warszawa, Poland

Tel: +48.22.619.4041 Fax: +48.22.619.4046

Contact: Uliana Kalazny Uliana.kalazny@zoo.waw.pl

WHIPSNAD ZSL Whipsnade Wild Animal Park

Zoological Society of London, Dunstable, Bedfordshire, LU6 2LF United Kingdom

Tel: +44.20.7449.6452 Fax: +44.20.7722.2852

Contact: Jackie Ossowski-Mackie Jackie.Ossowski-Mackie@zsl.org

WILDS The Wilds

14000 International Rd., Cumberland, Ohio, 43732 USA

Tel: +1.740.638-2072 Fax: +1.740.638-2287

Contact: Patty Glaze pglaze@thewilds.org

WROCLAW Zoo Wrocław

Zygmunta Wróblewskiego 1-5 Wrocław, Poland

Tel: +48 71 348 30 24

Contact: Ewa Piasecka lutra@zoo.wroc.pl

YULEE White Oak Conservation Center (WOCC)

White Oak Plantation, Yulee, Florida, 32097-9807 USA

Tel: +1.904.225-3396 Fax: +1.904.225-3395

Contact: Steve Shurter SteveS@wogilman.com

Total number of zoological institutions keeping Indian Rhinos: 80