

**INTERNATIONAL PEDIGREE BOOK FOR
SNOW LEOPARDS, *PANTHERA UNCIA*
VOLUME 11**

LEIF BLOMQVIST

International studbook keeper



**NORDENS
ARK**

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Layout

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Citation

Blomqvist, L. (2018): Int.Ped. Book for Snow leopards, *Panthera uncia* 11. Nordens Ark Foundation.

Front cover

Snow leopard. Photograph by courtesy of Brookfield Zoo.

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SCOPE OF THE STUDBOOK VOLUME 11

This is the 11th edition of the International Studbook for the Snow leopards, *Panthera uncia*. The previous edition was published in 2013 (*Blomqvist 2013*) with data current until the end of December 2012 and a historical listing of all animals kept in captivity until that date. This Volume does not contain a historical listing but covers the changes which have taken place from January 2013, to December 2017. The number of births, deaths, lost animals and transfers from January 2013, to December 2017, are listed in sections 3.1.-3.4. of this volume with the current living population per location listed in section 3.5.

This edition of the International Snow leopard Studbook is current through the end of December 2017. The living population in December 2017 comprised 471 (223.248) animals located outside the People's Republic of China (PRC). I have done my best to make an effort to provide a complete representation of data in this studbook but I cannot guarantee the accuracy and completeness of all information. I therefore humbly ask all users to **check “your own” snow leopard data** in this volume and to contact the Studbook Keeper as soon you have found any misinterpretations or mistakes in this volume.

ACKNOWLEDGEMENT

My warm thanks go to all registrars, curators and directors who have provided their data for my use. Without your help, this studbook would not have been possible to publish. My special thanks go to the regional studbook keeper in North America, **Lynn Tupa** from BioPark Zoo in Albuquerque and to her colleague in Japan, **Kiyoko Takatsu** from Tama Zoo in Tokyo, who have updated me on the changes in the snow leopard populations in North America and Japan. My special thanks goes to **Laurie Bingaman Lackey** from EAZA/WAZA for always setting aside your time for me, for your constant support in guidance me through the mysterious pathways of the DOS software of SPARKS and for commenting and discussing various topics when entering data into SPARKS. I also want to thank **David Barclay** from Highland Wildlife Park for touching up my English and providing a critical view to the manuscript with a number of valuable comments. At last but not least I would also like to thank **Nordens Ark** whose confidence allowed me to elaborate the studbook and carry out the task of ISB keeper.

Leif Blomqvist



1. SNOW LEOPARD *IN SITU*



1.1 Introduction

The cryptic and elusive nature of snow leopards (*Panthera uncia*), combined with their remote and inaccessible native habitats, have made them difficult to study in the wild. The species has therefore, for a long time, been one of the least studied and poorly understood large Felids. Recent research on snow leopard ecology (Johansson *et al.* 2016; Johansson 2017), distribution and conservation (McCarthy *et al.* 2016a) have, however, provided substantial insights into their abundance, habitat use, movement patterns and feeding ecology, all of which are of significant importance for guiding future conservation efforts to ensure further persistence of snow leopards. A valuable contribution to our gap of knowledge is the recently published book, “*Snow Leopards*” in the series “*Biodiversity of the World: Conservation from Genes to Landscapes*” (Figure 1) a book, which so far, is the most comprehensive work on snow leopard biology and conservation (McCarthy & Mallon 2016b). However, despite the impressive amount of work referred to in the book, our understanding of snow leopard biology still remains incomplete and such fundamental parameters as the total size of the global population, are still lacking. Although we do not have enough information to assure the species a safe future, the book nevertheless offers a good overview not only of

snow leopard biology, but as Schaller points out (2016), it also underlines the existing gaps of knowledge of this umbrella species from the high elevation regions in Central Asia.

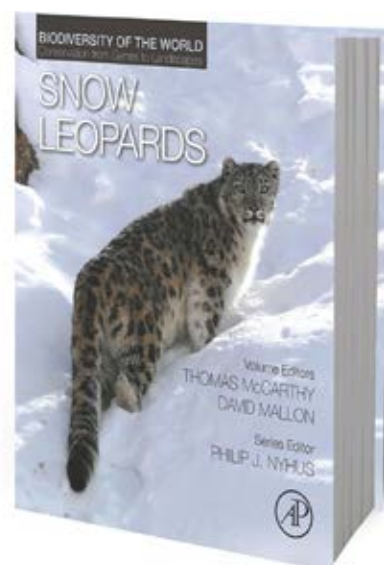


Figure 1. The recently published book *Snow leopards* is a comprehensive work on snow leopard biology and conservation.



Figure 2. Snow leopard prefer high elevated rocky outcrops as resting locations. Photo: M. Gelb

1.2 General information

The snow leopard is a high-altitude specialist occupying the mountains of Central Asia above 3,000 m in elevation. Its habitat is characterized by low levels of oxygen, extreme temperatures, low productivity and an extremely harsh climate. The snow leopard is, however, uniquely adapted to a life at high altitudes and severe coldness. Its thick and lush fur is coloured pale to smoky grey with large black rosettes and spots, providing the species with a superb camouflage and perfect insulation against the predominantly rocky environment. The prominent tail is important for balance in the rugged terrain, in thermoregulation and in many communication functions between conspecifics (Rieger 1984).

Snow leopards are crepuscular with activity peaks in daytime and dusk in the winter months, changing mainly to dawn and nights during the warm season (Johansson 2017). Throughout their range, they dwell at low densities and are perfectly adapted for leaping and catching wild ungulates on steep mountain slopes. Anatomical and physiological adaptations allow snow leopards to maximise oxygen extraction at high elevations (Kitchener *et al.* 2016). Associated with alpine zones, snow leopards are often described as an umbrella species and true icons for the high-altitude ecosystem.

Although snow leopards prefer remote high-altitude montane habitats, they also occur in lower and isolated mountain regions particularly in Mongolia and Tibet where they have been observed moving through flat and

rolling landscapes. In the Sayan mountains of Russia, as well as in some parts of the Tien Shan mountain range of China, snow leopards can be found at much lower elevations where they have been observed to travel along mountain ridges, often using rocky outcrops as resting locations (Fox *et al.* 1991; Figure 2). The global distribution spans from 1.2 to 1.6 million km² of alpine mountain habitat in 12 central Asian countries (Figure 3). Although widely distributed, less than 20 percent of their range lies within protected areas and most parts of their distribution are shared with livestock herders (Johansson *et al.* 2015; 2016).



Figure 3. Range map for snow leopards. SLT

1.3. Main Threats

The major threats include prey base depletion (Johansson *et al.* 2015; Johansson 2017), poaching for trade in fur and bones (Nowell *et al.* 2016), climate change which threatens two-thirds of snow leopard habitat (Farrington & Juan Li 2016), human/wildlife conflict with local people (Hussain 2003; Mishra *et al.* 2016), and habitat fragmentation as a result of extended livestock farming. Mining developments in snow leopard habitats can also impact and destroy much of snow leopard home ranges (Heimer *et al.* 2016; Anonymous 2017).

Although hunting and trade have been prohibited in all 12 range countries for several years, and all countries are party to CITES, illegal trade has widely been described as a severe threat to the species' eradication (Theile 2003; Maheshwari & von Meibom 2016). In recent years, the demand for fur and body parts used in traditional Asian medicine seems to have increased (Johansson 2017), and it has been verified that 221 - 450 individuals have been poached since 2008 (Nowell *et al.* 2016). Of the illegally poached animals, 55 % were killed in retaliation for livestock depredation, 21 % for trade, and 18 % were taken by snares and other non-targeted methods.

Widespread declines in wild prey species due to overhunting and competition with domestic breeds often result in retaliatory killing in response to predation on livestock (Mishra *et al.* 2016), although it has been documented that snow leopards prefer wild prey and turn to livestock only when their natural prey is depleted by over-hunting and competition for pasture with livestock (Johansson *et al.* 2015; Johansson 2017). There does, however, appear to be a clear correlation between abundance of wild ungulates and snow leopard existence.

Although the remoteness and inaccessibility of snow leopard habitat was long seen as a safeguard against habitat destruction, current climate change and the rapidly increasing mining and construction of hydrology power dams expose the snow leopard to a new range of threats.

1.4. Status - Downgraded from EN to VU

Detailed information on the distribution and abundance of animals is often difficult to establish for rare and elusive species like the snow leopard. The previous snow leopard assessment dates from 2008, and classifies the species as *Endangered* (EN). Although snow leopards have been extirpated from 15 % of their historic distribution, and their numbers in some areas have declined by as much as 20 % during the last two decades (McCarthy and Chapron 2003), the snow leopard was nevertheless, downgraded by IUCN to *Vulnerable* (VU) in September 2017 (McCarthy *et al.* 2017).

Many scientists and conservationists have underscored the need for continued conservation efforts in order to reverse the species' decline. To ensure the survival of snow leopards, a number of experts have argued that

downgrading the species to VU was a fatal mistake that could have serious consequences for the species. One of the leading conservation organizations, the *Snow Leopard Trust* (SLT), claims that the downgrading was a premature move and their concern lies in the limits of the habitat range being sampled and the bias towards areas with a high-density of snow leopards. According to SLT only two percent of the species' range was sampled with reliable techniques such as camera traps or genetic analysis, and the used assessment methodologies cannot be recognized scientifically valid for population estimates. The current populations might therefore be significantly lower than estimated in some parts of their habitat and SLT calls for more robust data to ensure an accurate assessment before revising the species' status. There is an obvious concern among conservationists that the lower status might not only weaken future conservation efforts, but it may also increase the risks of regional authorities to neglect existing threats and local governments may consequently have less support to create new protected areas for this umbrella species.

1.5. New Survey Suggests Three Subspecies

The snow leopard was originally described by Schreber in 1775, based on a drawing by Buffon (1761). The species was at first placed in the genus *Felis*, but due its adaptation for sustaining low temperatures and hunting on steep slopes at high altitudes, snow leopards were later considered taxonomically unique and placed in a genus of its own, *Uncia*.

Historically a number of subspecies have been proposed mainly based on coat colour variation. Lack of data of museum collection coupled with the difficulty to observe and trap snow leopards in the wild has prevented comprehensive taxonomic assessments and, as a result, the species was considered monotypic. The snow leopard thus remained the last of the five big cats to be subject to a comprehensive subspecies evaluation. More recent molecular data has, however, confirmed the species' inclusion into genus *Panthera* (Davis *et al.* 2010; Kitchener *et al.* 2016).

Recently published research suggests three existing subspecies of snow leopards (Janečka *et al.* 2017). The authors have examined scats from seven different regions and genotyped over 30 microsatellites with mitochondrial DNA from 70 individuals. According to the authors, their results support three distinct genetic clusters: one from the Altai region (the Northern group), *Panthera uncia irbis*, one from the core area in the Himalayas and the Tibetan Plateau (the Central group), *Panthera uncia unciooides*, and a third from the mountain ridges of the Tien Shan, the Pamir Mountains and the trans-Himalayas (the Western Group), *Panthera uncia uncia*. The three separate groups appear to have evolved as a result of being isolated geographically, with the Gobi Desert and the Himalayas dividing the three snow leopard subspecies from one another.



Photo: Jim Schulz, CZS

2. 2017 STATUS FOR *EX SITU* POPULATION OUTSIDE PRC (PEOPLE'S REPUBLIC OF CHINA)

2.1. Background Information of Snow Leopard Studbook

In the 1960s, it became obvious that a number of animal species were under severe pressure in the wild, causing regional and global population declines. As means of reversing the decline of wild populations and to expand the role of zoos from mere public attractions towards organisations responsible for wildlife conservation, WAZA's predecessor, the *International Union of Directors of Zoological Gardens (IUDZG)*, in collaboration with *IUCN*, recommended the zoo world in 1967, to establish studbooks for endangered species in captivity. Such a commitment was made primarily due to the fact that it was anthropogenic activities that were driving many species towards extinction. The ultimate goal of the studbooks was to establish self-sustaining *ex situ* populations without new recruitments from the wild (Princeé 2016). Fifteen years later conservation genetics was introduced and zoos began to recognize their potential contribution to wildlife conservation. Breeding just in numbers was no longer considered sufficient to achieve self-sustaining populations, but it was also recognized that minimizing the genetic loss required an interrelated approach of demographic as well as genetic

management (Foose & Ballou 1988; Ballou and Foose 1996). Captive propagation now became the prime mean for replenishing zoo collections.

The snow leopard is a textbook example of good *ex situ* management of an endangered species. Snow leopards have been the subject of intensive focus in captivity since 1976, when an international studbook was established (Blomqvist 1978). Although studbooks are a source of genealogical data of all individual animals in human care, they can also assist with breeding- and transfer recommendations between different countries and regions. Since the international programme began in 1976, regional breeding programmes/studbooks for snow leopards were established in North America in 1984 (Wharton & Freeman 1988), three years later in Europe (Blomqvist 1990), followed by Japan in 1991 (Nishine 2001), and India in 2009 (Srivastav et al. 2009). As snow leopards are currently managed within the framework of regional breeding programmes (Table 1) primarily aiming to maintain stable and self-sustaining populations in the different regions, the global population is considered a “metapopulation” where the international studbook co-ordinates all animals involved in the regional programmes.

Table 1. Regional management of snow leopards.

Region	Mgmt. level	Contact
EAZA	EEP	Co-ordinator Emma Nygren Nordens Ark, Hunnebostrand emma.nygren@nordensark.se
AZA	SSP (Yellow)	Co-ordinator Jay Tetzloff Miller Park Zoo, Bloomington jtetzloff@cityblm.org
	AZA Studbook	Stbk. Keeper Lynn Tupa Albuquerque Biological Park Albuquerque ltupa@cabq.gov
JAZA	JAZA Stud- book	Stbk. Keeper Kiyoko Takatsu Tama Zool. Park, Tokyo kiyoko_takatsu@tzps.or.jp
Central Zoo Authority of India (CZA)	CZA Studbook	Stbk. Keeper Anupam Srivastav Wildlife Institute of India registrar@wii.gov.in

2.2. Demographic Summary

Snow leopards have been maintained in captivity since 1851, when the first specimen was brought to Antwerp Zoo (*Sunquist & Sunquist 2002*), although the first animal included in the international studbook arrived in Regent's Park in London four decades later in April 1891 (*Blomqvist 2013*). The first captive birth took place in 1910 when Wrocław Zoo succeeded in breeding two female cubs. Breeding was extremely rare during the first half of the 20th Century and only nine births were recorded prior to 1960. The future of snow leopards in captivity seemed bleak and the population was completely dependent on the influx from the wild to survive. It lasted until 1973 before the number of captive-bred individuals exceeded the number of wild-caught animals (Figure 4).

The breakthrough came in 1980s and early 1990s when the population demonstrated a historical growth rate of 8 % ($\lambda = 1.08$). Captive births were, during that period, responsible for the quick expansion, and the peak was reached in 1993, when the population counted 585 individuals. In less than 30 years the species moved from being poorly understood and difficult to breed to being one of the *Felids* for which the captive population was numerically secure for the foreseeable future. The increased growth rate was attributed to improved husbandry and management techniques, but also to the taxon's elevated status given the international studbook and management in two continental breeding programmes (EEP & SSP).

As the population expanded, snow leopards began to compete for institutional space with other same-sized cats and breeding restrictions were imposed in the capital breeding programmes in EAZA and AZA that accounted for the largest number of snow leopards. The applied restrictions were successful and the population started to fall in numbers, exhibiting a negative growth rate and dropping below 450 animals in 2007. After the decline the population was maintained stable for half a decade, but again has recently started to demonstrate a slight growth increase with an average λ of 1.015. In 2013 - 2017, the population increased with 20 individuals or with an average of four animals per year (Table 2), standing at 471 (223,248) individuals in 202 institutions (Figure 5) at the end of 2017.

Among the 471 animals alive in late 2017, 93 males and 104 females are proven breeders (Table 3). The number of breeding animals allows the calculation of the effective population size (N_e) or the measure of the genetic size of the census population (N) that is contributing to the next generation. Of particular interest is the ratio of N_e/N , that allows the calculation of the population's census size given its effective size and vice versa (*Ballou & Taylor-Holzer 2011*). In wild populations N_e is smaller than N and equivalent to approximately 10 % of the total population

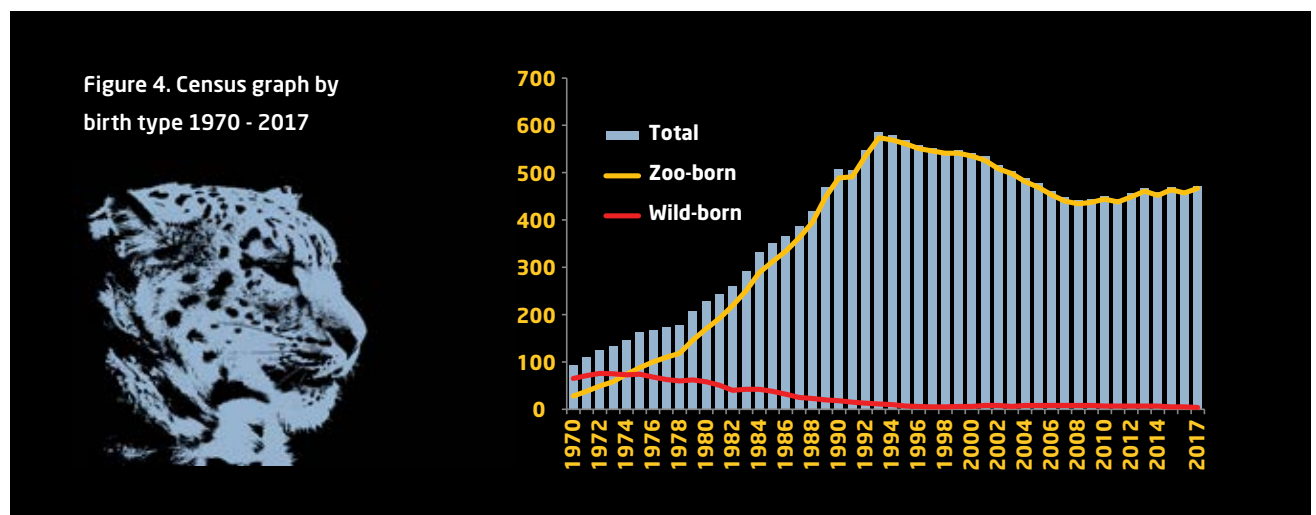


Table 2. Births and deaths in global ex situ population 2013 - 2017

	2013	2014	2015	2016	2017	Total
Births	33.34.3	22.27.2	25.33.3	17.20.4	28.30.4	125.144.16
Deaths	26.31.3	20.35.2	20.25.3	22.19.4	25.26.4	113.136.16
Net increase	+10	-6	+13	-4	+7	+20

(Frankham *et al.* 2010), whereas captive populations have a N_c/N ratio from 0.25 to 0.4, mainly because they are managed and do not fluctuate in size as much as wild populations. Table 4 shows that N_c is 166.9 or 35 % of the total population which reflects competent husbandry expertise, good breeding success and intensive population management over a number of years.

2.3. Reproduction

Of the 326 wild-born animals that are included in the captive population, 34 % (53 males and 58 females) have bred. Table 3 also shows that 460 males and 510 females have produced a total of 3.003 cubs in 1.446 litters between 1910 and 2017. The main reproductive age span for the 452 captive-bred females of known age ranges from four to 12 years after which fecundity rapidly decreased (Figure 6). None of the 15-year old females have ever bred.

Reproductive data extracted from the studbook shows that although nine males have sired litters at the age of two (Table 5), the median age for the 406 captive-bred males is 4 years when they start to reproduce. As in many species, males have a longer reproductive lifespan than the opposite sex and 10 % of the males which have lived longer than 14 years, have sired offspring. Records show that four males were almost 19 years old when they reproduced for the last time. A word of caution has, however, to be mentioned when interpreting the fecundity curve in Figure 6. As fewer animals reach the higher age classes, one or a few animals reproducing at a

Table 3. Snow leopard studbook data as of 31. Dec. 2017 (excl. animals in China)

	Males	Females	Unknown	Total
Total registered	1.515	1.561	253	3.329
Wild-born	160	155	11	326
Captive-born	1.355	1.406	242	3.003
Alive 31. Dec. 2017	223	248	0	471
Wild born	2	2	0	4
Captive born	221	246	0	467
Total number that have bred	460	510	0	970
Wild-born that have bred	53	58	0	111
Captive-born that have bred	407	452	0	859
Total breeding animals alive	93	104	0	197
Wild born	2	2	0	4
Captive born	91	102	0	193

high age represent a high proportion of the total number of animals in that age class, thus presenting a distorted view of what animals in that age class are capable of. The values for fertility (M_x) in the high age classes thus becomes inflated and the peak for the 19-year old males in Figure 6 does not mean that 12 % of the males at such a high age usually sire offspring, but rather that the four males that have bred when they were 19 years old, represent a large proportion of the animals that actually survive to such a high age. As a rule, one should therefore be cautious of all fertility (M_x) and mortality (Q_x) values which are based on samples of less than ten animals.

Figure 7 shows that snow leopards are strict seasonal breeders where 84 % of the females give birth in May-June. In the southern hemisphere, however, all litters except one were born between October and December. According to available data, the mean litter size in 1.446 litters is 2.1 (Figure 8). On one occasion only, and after

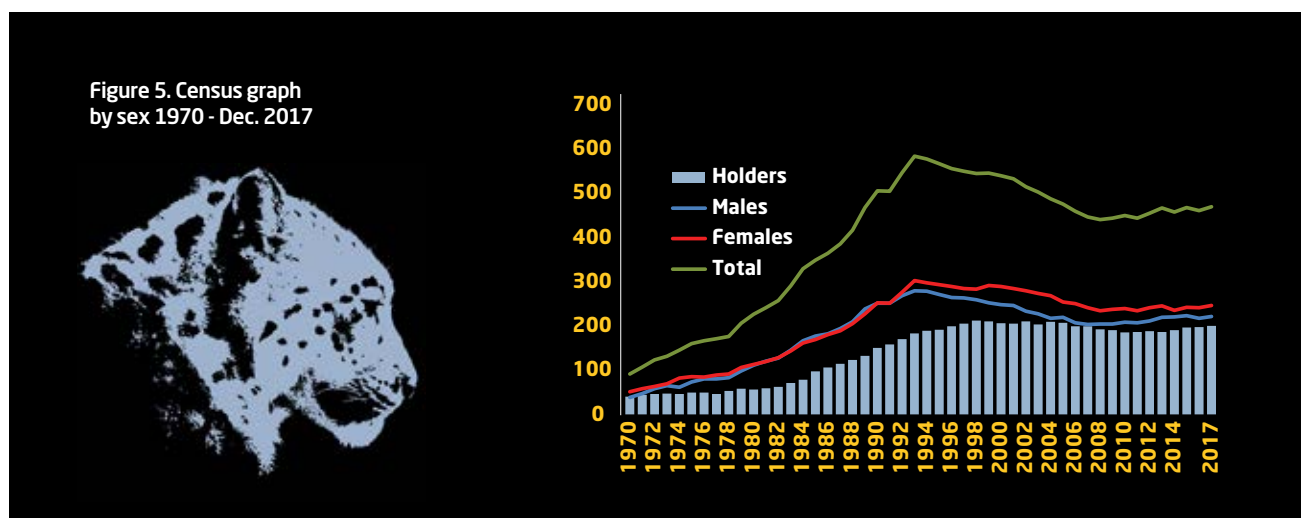


Table 4. Genetic & demographic summary of global snow leopard Population 2017 (excl. P.R.C.)

	Actual	Potential
Founders (Fnd)	58	-
Population size (N)	471	
Living descendants	467	
Effective population size (Ne)	166.946	
Ne/N	0.3493	
Founder genome equivalents (Fge)	16.80	34.92
Known pedigree (%)	100	
Gene diversity retained (GD)	0.9702	0.9857
Gene value	0.9682	
Mean inbreeding (F)	0.0250	
Population mean kinship (MK)	0.0298	

hormonal treatment in Munich, one female delivered a litter of five cubs. Offspring typically stay with their parents until about 15 to 18 months of age, although many stay with the dam even longer if new siblings are not born.

2.4. Mortality

As shown in Figure 9, mortality has historically been high during the first year where juvenile mortality is moderate at 41 % for males and 44 % for females. After the first year of life, both sexes can live until their mid-teens, with a maximum longevity for captive-bred animals standing at 21 years for males and 22 years for females (Table 6). The oldest living male in the current population is 20 years whereas the oldest female is one year younger (Figure 10; Table 6). Longevity in captive snow leopards is naturally much higher than those of their wild counterparts which will unlikely live for more than 15 years.

Some animals are occasionally lost from the studbook when the studbook keeper has been unable to keep track

of an animal's history. These animals are entered as “*Lost to follow up*” (see 3.3.) and have been excluded from all studbook analysis. Between 2013 and 2017, five males and five females in U.S.A. have been lost from the register after leaving Tanganyika Wildlife Park (TANGAN WP) near Wichita, Kansas.

2.5. Age Structure of Current Population

The age structure of the current population is somewhat stable due to the large population size with individuals in all age classes and an age pyramid with an almost columnar shape (Figure 10). The age pyramid also reveals that the current population is aging and 8 % of the females are older than 14 years and represent post-reproductive animals. Of these aging females, 26 have bred at least once and the number of proven breeding females in reproductive age is therefore not 104 as informed in Table 3, but in fact 78. However, because snow leopards have moderately long reproductive lifespans, this will probably not affect reproduction or population growth significantly in the future. The broad base of juveniles can also be regarded as sufficient to replace the aging animals which will be lost in the near future. The population exhibits a female-biased sex ratio of 248 females to 223 males.

2.6. Founder Base and Genetic Structure

The studbook database reveals that 100 % of the pedigrees is known. According to Table 3, 326 wild-caught animals were added to the *ex situ* population between 1891 and 2005. The ratio of captive-born versus wild-born animals changed in favour of captive-bred individuals in the mid-1970s (Figure 4). Since 1973, the ratio of wild-born animals has constantly increased in favour of captive-bred individuals, and improved reproduction and husbandry, rather than imports from the wild, have been responsible for much of the rapid growth that took place after the late 1970s. Four of the founders are still alive and maintained in Zurich, Bronx and in a rescue center in Kyrgyzstan. Of the four founders, one male and two females have passed their

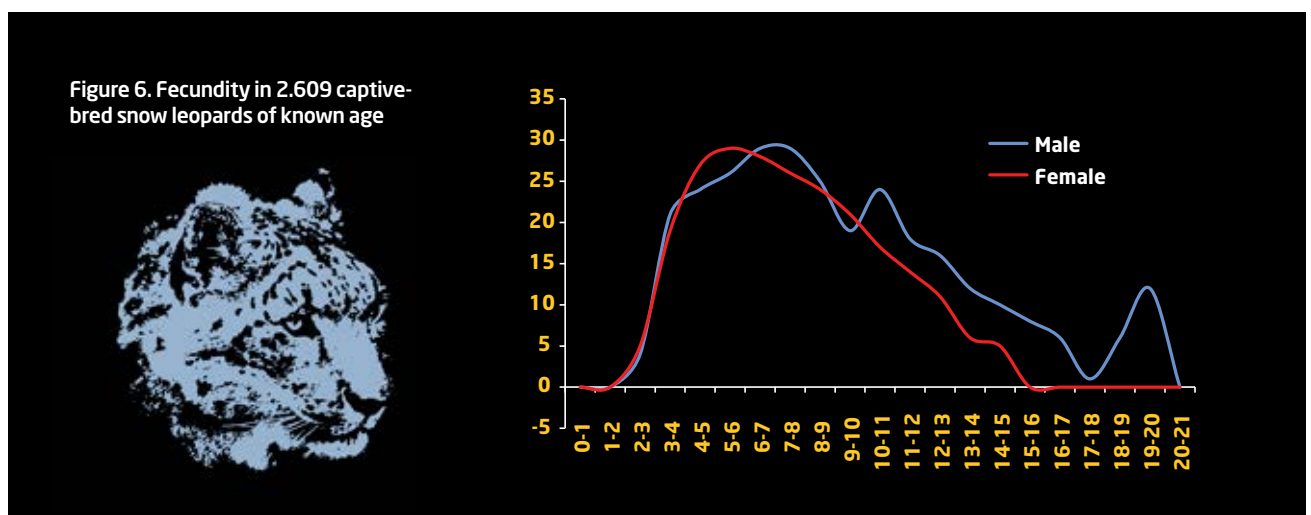


Table 5. Reproductive parameters report for captive-bred animals with known age.

Restricted to: SNOW LEOPARD Studbook
 Filters applied to parents:
 Birth Type: Captive Born

Taxon Name: *Panthera uncia*

Gestation period set to 96 days, ~3.2 months.
 Ages are as of parturition for dams, as of conception for sires.

DAM DATA: 452 reported dams, with 1193.1228.210 (2631) offspring
 (not including 1 offspring of unknown dams)

SIRE DATA: 407 reported sires, with 1164.1220.209 (2593) offspring

Youngest dams at first reproduction:

1412 at TALLIN had baby 1591 (d<30 days) at age 1Y,10M,22D 'EVA'
 1043 at ROSAMOND had baby 1202 (d<30 days) at age 1Y,11M,28D 'PAVLOVA'
 2038 at PLOCK had baby 2187 (d<30 days) at age 1Y,11M,28D 'SASHA'
 1592 at TORONTO had baby 1755 (stillb/prem) at age 2Y,0M,1D 'GEORGINA'
 1167 at CENTERHIL had baby 1387 at age 2Y,0M,23D 'CATHAY'
 3178 at LA PLAINE had baby 3325 at age 2Y,0M,25D 'SAIAN'
 2213 at BASEL had baby 2381 (d<30 days) at age 2Y,0M,27D 'AUGI'
 435 at KREFELD had baby 519 (stillb/prem) at age 2Y,1M,2D 'VALMA'
 3029 at BEAUVAL had baby 3178 at age 2Y,1M,2D
 1589 at HUNBSTRND had baby 1768 at age 2Y,1M,6D 'PURNA'

Youngest sires at first reproduction:

1848 at KREFELD had baby 2020 at age 1Y,8M,28D 'SANDOKAN'
 2679 at DRESDEN Z had baby 2809 at age 1Y,8M,30D 'ASKIN'
 1988 at TALLIN had baby 2127 at age 1Y,9M,10D 'SELTON'
 2110 at FONTAINE had baby 2217 at age 1Y,9M,18D 'SPOUTNIK'
 2146 at SAN ANTON had baby 2355 at age 1Y,9M,20D 'VIJAY'
 2816 at ORSA had baby 2968 at age 1Y,10M,15D 'SHAN'
 1846 at KREFELD had baby 2023 at age 1Y,10M,29D 'LEONARDO'
 1990 at BERLIN TP had baby 2129 at age 1Y,11M,21D 'UPSHI'
 1723 at HUNBSTRND had baby 1850 at age 1Y,11M,27D 'IRZIG'
 2253 at KRAKOW had baby 2429 at age 2Y,5M,15D 'HONZA'

Oldest dams at first reproduction:

1465 at ODENSE had baby 2576 (d<30 days) at age 14Y,0M,24D 'SONJA'
 2144 at CALGARY had baby 3010 (stillb/prem) at age 14Y,0M,10D 'INDIRA'
 2223 at MILWAUKEE had baby 3144 at age 14Y,0M,3D 'TOMIRIS'
 1138 at RIO GRAND had baby 2148 (d<30 days) at age 12Y,10M,29D 'LEHOON'
 2049 at ST LOUIS had baby 2884 (d<30 days) at age 11Y,11M,8D 'KARA'
 1663 at ROLLING H had baby 2510 at age 11Y,10M,23D 'SARI'
 1582 at CHOMUTOV had baby 2604 (stillb/prem) at age 11Y,9M,6D 'SCHAER'
 1802 at NY BRONX had baby 2621 (d<30 days) at age 11Y,8M,21D 'AMY'
 2154 at CHATTANOOG had baby 2874 (stillb/prem) at age 11Y,7M,20D 'KASIMIR'
 563 at BARCELONA had baby 1291 (stillb/prem) at age 11Y,1M,6D 'DALAIA'

Oldest sires at first reproduction:

663 at CHICAGOLP had baby 1818 at age 14Y,9M,23D 'COREY'
 2106 at CALGARY had baby 3010 at age 14Y,9M,15D 'KARESH'
 1415 at ROLLING H had baby 2510 at age 14Y,6M,6D 'BORIS'
 1602 at OMAHA had baby 2615 at age 13Y,11M,18D 'CUBBY'
 982 at LANSING had baby 2170 at age 13Y,7M,14D 'GENGHIS'
 1229 at HOGLE had baby 2244 at age 12Y,7M,9D 'SHERPA'
 812 at ST LOUIS had baby 1800 at age 12Y,0M,7D 'KAWAN'
 2572 at W ORANGE had baby 3319 at age 11Y,9M,3D 'GALA'
 352 at CENTERHIL had baby 897 at age 11Y,8M,28D 'TORA'
 881 at JOHN BALL had baby 1866 at age 11Y,8M,21D 'KAZMIERZ'

Oldest dams to have reproduced:

1465 at ODENSE had baby 2577 (stillb/prem) at age 14Y,11M,23D 'SONJA'
 1165 at BANHAM had baby 2317 (stillb/prem) at age 14Y,11M,11D 'WICKED'
 409 at CENTERHIL had baby 1244 at age 14Y,10M,30D 'VUOKKO'
 409 at CENTERHIL had baby 1243 at age 14Y,10M,29D 'VUOKKO'
 1014 at KREFELD had baby 2216 at age 14Y,10M,28D 'INA'
 267 at CENTERHIL had baby 898 (d<30 days) at age 14Y,10M,27D 'NADIA'
 267 at CENTERHIL had baby 897 (d<30 days) at age 14Y,10M,26D 'NADIA'
 1677 at KOLN had baby 2688 (d<30 days) at age 14Y,10M,10D 'JASMINA'
 1600 at LODZ had baby 2637 (d<30 days) at age 14Y,6M,4D 'IRIS'
 1607 at TANGAN WP had baby 3057 at age 14Y,2M,30D 'VIKA'

Oldest sires to have reproduced:

1098 at WINNIPEG had baby 2581 at age 18Y,11M,12D 'DIMITRI'
 1098 at WINNIPEG had baby 2579 at age 18Y,11M,11D 'DIMITRI'
 1847 at MULHOUSE had baby 3143 at age 18Y,10M,13D 'LANAK'
 1847 at MULHOUSE had baby 3141 at age 18Y,10M,12D 'LANAK'
 1488 at DENVER had baby 2730 at age 17Y,9M,24D 'SUBA'
 1488 at DENVER had baby 2728 at age 17Y,9M,23D 'SUBA'
 1098 at WINNIPEG had baby 2504 at age 17Y,9M,13D 'DIMITRI'
 1418 at STUTTGART had baby 2653 at age 17Y,6M,24D 'PIR'
 119 at CHICAGOLP had baby 478 at age 16Y,8M,22D 'WALTER'
 119 at CHICAGOLP had baby 477 at age 16Y,8M,21D 'WALTER'

	FEMALES	Median	Average N
Age at first reproduction:	4Y,5M,6D	5Y,0M,17D	452
During all reproduction:	6Y,11M,25D	7Y,3M,24D	1607
Age at last reproduction:	8Y,0M,9D	27D	452

	MALES	Median	Average N
Age at first reproduction:	4Y,4M,7D	5Y,0M,20D	407
During all reproduction:	6Y,10M,4D	7Y,6M,19D	1564
Age at last reproduction:	8Y,7M,16D	8Y,8M,5D	407



Table 6. Age report restricted to captive-bred individuals with known age. N = 2309 animals.

Taxon Name: <i>Panthera uncia</i>					
Ages at death for animals surviving to at least 30 days					
	25th %tile	Median	75th %tile	Maximum	N
Males:	1Y,8M,19D	9Y,3M,0D	15Y,2M,7D	21Y,10M,6D	731
Females:	2Y,5M,3D	10Y,1M,17D	15Y,3M,20D	22Y,5M,13D	770
Unknown:	1M,9D	1M,30D	2M,17D	5M,8D	10
Oldest males:					
1003	Captive born Died at WUPPERTAL/ at age of 21Y,10M,6D 'KASHMIR'				
1679	Captive born Died at TOMIOKA/ at age of 21Y,6M,20D 'YOSHIDA'				
1098	Captive born Died at WINNIPEG/ at age of 21Y,0M,17D 'DIMITRI'				
1860	Captive born Died at SAN FRAN/ at age of 20Y,9M,27D 'RIGEL'				
254	Captive born Died at TOPEKA/ at age of 20Y,7M,7D 'OKI DOK'				
221	Captive born Died at WINNIPEG/6021 at age of 20Y,6M,15D 'SHADOW'				
1415	Captive born Died at ROLLING H/ at age of 20Y,3M,14D 'BORIS'				
1649	Captive born Died at LODI/ at age of 20Y,1M,30D 'LING SHAN'				
1847	Captive born Died at MULHOUSE/ at age of 20Y,0M,7D 'LANAK'				
1430	Captive born Died at OPOLE/ at age of 19Y,11M,23D 'MARTIN'				
Oldest females:					
1052	Captive born Died at OKLAHOMA/ at age of 22Y,5M,13D 'SHATU'				
1729	Captive born Died at ROSAMOND/NHXXN at age of 22Y,0M,1D 'WOOLY'				
1729	Captive born Died at ROSAMOND/ at age of 22Y,0M,1D 'WOOLY'				
1265	Captive born Died at NAGGOYA/ at age of 21Y,9M,9D 'PATRA'				
1326	Captive born Died at MELBOURNE/ at age of 21Y,3M,13D 'SHIMBU'				
1457	Captive born Died at DICELY B/CHINSU at age of 21Y,2M,6D 'CHINSU'				
449	Captive born Died at LAFAY IND/ at age of 21Y,2M,6D 'VIRPI'				
1725	Captive born Died at THOIRY/ at age of 21Y,1M,10D 'HAHAH'				
1507	Captive born Died at PONTSCORF/ at age of 21Y,0M,25D 'MISHA'				
1663	Captive born Died at ROLLING H/ at age of 21Y,0M,17D 'SARI'				
714	Captive born Died at NAGOYA/ at age of 21Y, 0M,4D 'VIKA'				
Ages for animals surviving to present					
	25th %tile	Median	75th %tile	Maximum	N
Males:	3Y,8M,5D	6Y,7M,8D	11Y,3M,11D	20Y,6M,10D	221
Females:	3Y,7M,28D	6Y,7M,29D	11Y,6M,4D	19Y,8M,11D	246
Oldest living males:					
2012	Captive born At S BARBARA/700554 at age of 20Y,4M,11D 'EVERETT'				
2082	Captive born At ST PETERS/MX4417 at age of 19Y,7M,1D 'ARBAT'				
2131	Captive born At UTICA/102001 at age of 18Y,5M,4D 'KI'				
2137	Captive born At YARRALUM/200108 at age of 18Y,0M,13D 'BHUTAN'				
2232	Captive born At MANNATTAN/200213 at age of 17Y,6M,18D 'NANDA'				
2219	Captive born At CHATTANOOG/1228 at age of 17Y,4M,13D 'TANKH'				
2253	Captive born At KRAKOW/020903 at age of 17Y,2M,12D 'HONZA'				
2272	Captive born At MELBOURNE/A70603 at age of 16Y,6M,3D 'LEON'				
2350	Captive born At RIO GRAND/M04025 at age of 16Y,5M,23D 'AZEQ'				
2342	Captive born At PAPANACK/GRUMPI at age of 16Y,5M,6D 'GRUMPIER'				
Oldest living females:					
2170	Captive born At LANSING/2232 at age of 19Y,6M,12D 'SERENA'				
2089	Captive born At HOGLE/U07083 at age of 19Y,5M,30D 'NEMA'				
2075	Captive born At ORONO/K99012 at age of 19Y,3M,5D 'PAKI'				
2138	Captive born At YARRALUM/200109 at age of 18Y,0M,13D 'SHEVA'				
2216	Captive born At ASSON/2348 at age of 17Y,7M,4D 'IRIS'				
2260	Captive born At KRAKOW/000501 at age of 17Y,5M,26D 'LUXI'				
2223	Captive born At MILWAUKEE/5207 at age of 17Y,5M,6D 'TOMIRIS'				
2222	Captive born At NY BRONX/M11122 at age of 17Y,5M,6D 'TANJA'				
2220	Captive born At GREENBAY/200930 at age of 17Y,4M,13D 'TAMI'				
2349	Captive born AT DENVER/A02319 at age of 16 Y,8M,23D 'NATASHA'				
2279	Captive born AT MANSBACH/KYLIA at age of 16Y,8M,4D 'KYLIA'				

main reproductive cycle and no potential founders exist in the population. Currently less than one percent of the animals consist of wild-born individuals in the population compared to 40 years earlier, when more than one-third of the population consisted of wild-caught snow leopards.

Although as many as 326 wild-born animals have been incorporated into the captive stock, only 34 % (53 males and 58 females) have bred (Table 3). Among the 111 wild-caught animals that have reproduced, their contribution to the living 467 descendants is uneven. Many of the original founders have only marginally contributed to the

current gene pool, whereas some animals that have bred in the past and only had few offspring that never bred, do no longer show a visible representation in the current population. As illustrated (Figure 11), the 467 living descendants do therefore not show traces of all 111 wild-caught animals that have bred, but of 58 founders.

The number of founders needed for a programme depends partly on the length and purpose of the programme, however, 20 to 50 wild-caught individuals are generally considered to be a reasonable sample size to capture 97.5 % of the gene diversity of the wild population (Foose & Ballou 1988; Leus et al. 2011). The 58 founders represented in the captive snow leopard population therefore exceed the minimum number of founders that usually are recommended.

Through the early establishment of the global studbook, numerous inter-regional exchanges between the main breeders have taken place. We therefore have a population that has retained much of its original genetic diversity resulting in improvements in founder representation in the regions. The captive population has greatly benefitted from these inter-regional exchanges and many of the old founders are still to be found in the present stock. As the current population descends from 58 founders (Table 4; Figure 11), we can conclude that the lineages of 53 wild-caught animals have been lost during the past decades.

Though snow leopards have been bred in captivity for more than a century, the *ex situ* population is still incredibly healthy, both demographically and genetically, and is not at any imminent risk of extinction. The mean inbreeding (F) has declined from 0.03 in 2007 (Blomquist 2008) to 0.025 in 2017, and only 3 % of the gene diversity has been lost. The preserved gene diversity in the population is therefore 97 % or equivalent to 17 unrelated individuals randomly caught in the wild ($F_{gc} = 16.80$). The founder genome equivalent (F_{gc}) is the number of founders required to achieve the observed levels of gene diversity if all wild-caught animals would have been equally represented and would have retained all their alleles. Table 4 shows that the F_{gc} for snow leopards would have been 35 if all wild-born animals would have bred in an optimal manner. However, although all efforts should be taken to increase reproduction of poorly represented founders, full potential is impossible to achieve.

Due to the large number of founder animals in the *ex situ* population, there is no need to include new wild-caught animals to the current stock. The fact that there is a potential to increase the GD to 0.99 (Table 4) indicates that there is sufficient genetic material in the global population if managed adequately. It has been suggested that when gene diversity drops below 90 %, population growth will be highly compromised due to inbreeding depression, potentially expressed in the form of lower birth weights, higher neonatal mortality and other detrimental factors. Populations with less gene diversity

Figure 7. Birth seasonality in 1,446 snow leopard litters born in captivity prior to 2018

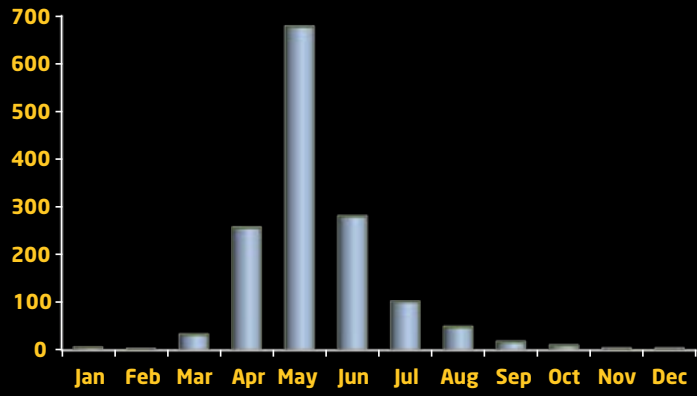


Figure 8. Litter size in 1,446 snow leopard litters born prior to 2018. Mean litter size 2.1

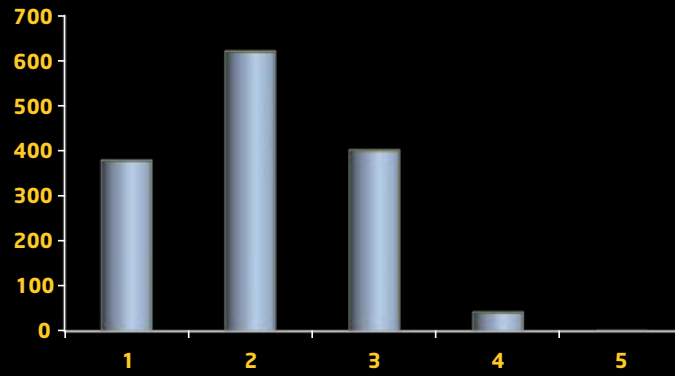
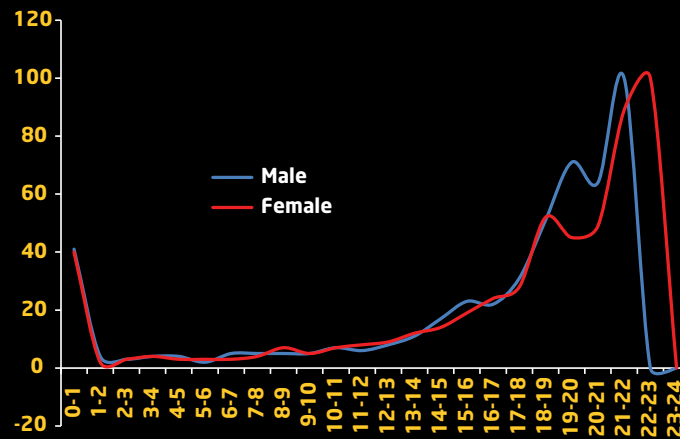
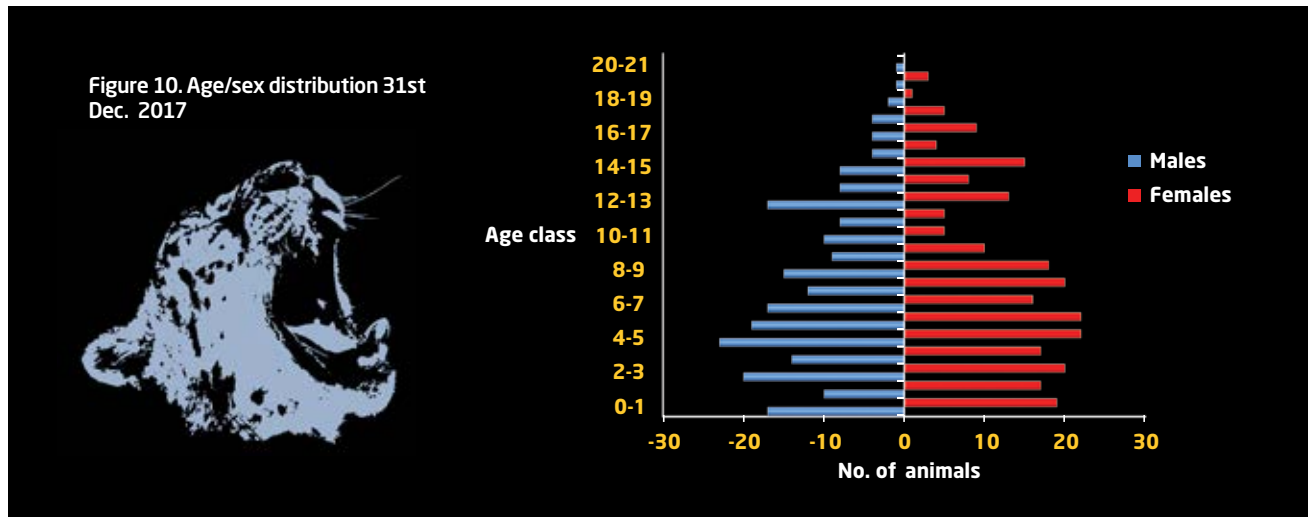


Figure 9. Mortality in 2,391 deaths of captive born snow leopards of known age





also hold less evolutionary potential that is important for all possible changes in the foreseeable future. However, specific research exploring the effects of inbreeding depression has not been carried out for snow leopards.

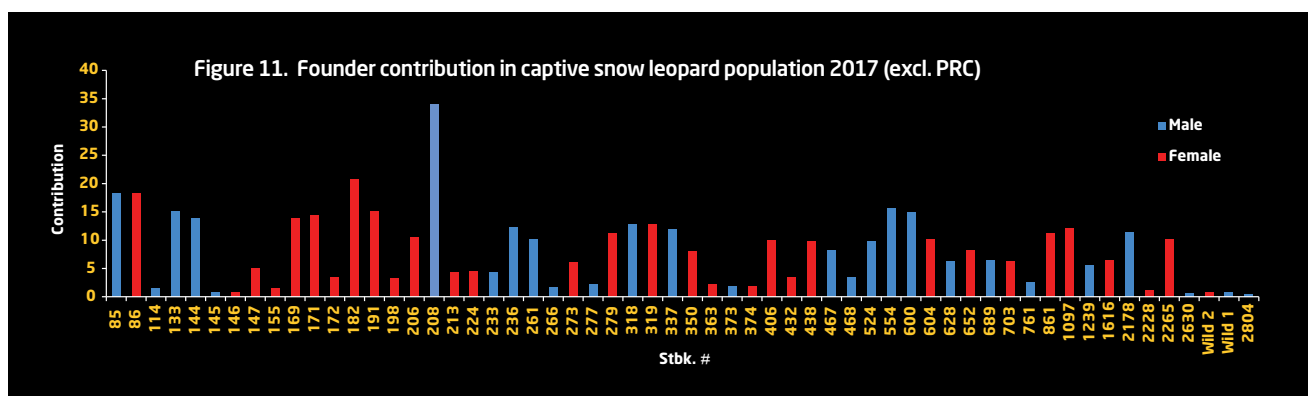
To maintain the population healthy, the global management must aim for breeding all healthy individuals, equalize family sizes, encourage breeding of under-represented bloodlines and to utilize mean kinship values when recommending breeding exchanges.

2.7. Regional versus Global Management

As felid exhibits increase in size to meet modern animal welfare requirements, the number of taxa that zoos can maintain at sustainable population levels decreases. Larger exhibits also provide capacity for fewer individuals to be maintained. Due to space limitations and competition with multiple endangered cat species, there is an evident risk that sustainable snow leopard populations cannot be maintained in regional sub-populations. Lack of space in regional breeding programmes often forces coordinators/studbook keepers to recommend breeding restrictions and the last few years have shown that it has

been challenging to place young animals, especially in EAZA collections that hold the largest sub-population. While studbook keepers wait for new facilities to participate, the age structure in the sub-population quickly becomes destabilized and animals become reproductively senescent.

Although zoo regions without doubt are the most natural units for co-operation, with logistically simpler and less expensive animal transfers, their carrying capacity is highly limited. Recent analyses claim that a number of regional breeding programmes do not reach viable sizes and they are often based on too few founders to fill the conditions for future sustainability (*Lees and Wilcken 2009; Baker et al. 2013*). Small populations are also more prone to extinction than large ones due to stochastic effects. The contribution of such small populations is therefore of less importance to species conservation than commonly advertised (*Blomqvist & Sliva 2016*). Unfortunately a lot of zoos are managed in ways that demonstrate their primary focus is on exhibition and that they contribute to conservation only when their resources permit to do so or when conservation serves other goals of the institution. Despite repeated calls over the past 25 years from



WAZA for action (2005), despite much scientific input (Foose & Ballou 1988; Frankham et al. 2010) and significant organizational effort, zoos have largely failed to manage their own populations of wildlife sustainably (Lees & Wilcken 2009).

Global management offers not only the advantage of maintaining larger populations, but it also presents a strategic overview of the population offering an opportunity to link up more or less isolated sub-populations into universal Global Species Management Programmes (GSMP). Integrated management of regional sub-populations is a useful mechanism for distributing under-represented founders between the regions. It increases population census and therefore also the effective population size providing increased gene diversity compared to the smaller regional populations. The establishment of a Snow Leopard GSMP would most probably facilitate animal transfers between the existing regional breeding programmes and above all, encourage mutual cooperation between zoos. By working closely together, husbandry and management practices would be easier to share, resulting in a global approach for snow leopard management. A higher profile for the species would have positive effects on snow leopard conservation *in situ* and *ex situ*. The snow leopard is an umbrella species of the high elevation regions of Central Asia that can easily generate funding support for broader conservation efforts, thus protecting many other species that have decreased in numbers in the same fragile alpine ecosystem. With hundreds of million zoo visitors per year, snow leopards in the global zoo community have a substantial potential to play an important role in wildlife conservation.

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3. STUDBOOK



Photo: @animalimagery.co.uk

3.1. Captive births 2013 - 2017. Animals listed by birth date. Changes taking place after 1.1.2018 marked in red.

Stud#	Sex	Birth Date	Sire	Dam	Location	Date	LocalID	Event	Name	Breeder#	Transponder
3101	M	2 Jan 2013	2598	2678	TALLIN	2 Jan 2013 2 Jan 2013	19090	Birth Death		TALLINN 36	
3102	M	2 Jan 2013	2598	2678	TALLIN	2 Jan 2013 3 Jan 2013	19091	Birth Death		TALLINN 37	
3103	F	2 Jan 2013	2598	2678	TALLIN	2 Jan 2013 3 Jan 2013	190092	Birth Death		TALLINN 38	
3018	F	4 Apr 2013	2346	2730	TOLEDO	4 Apr 2013 4 Apr 2013	8406	Birth Death		TOLEDO 8	
3019	F	5 Apr 2013	2346	2730	TOLEDO	5 Apr 2013 5 Apr 2013	8451	Birth Death		TOLEDO 9	
3014	M	9 Apr 2013	2630	2347	NY BRONX	9 Apr 2013	M13047	Birth	WILLIE	BRONX 106	012335830
3107	M	20 Apr 2013	2146	2486	CAPE MAY BINGHAMTO	20 Apr 2013 16 Apr 2014	3621 14015	Birth Transfer	TUSHAR	CAPEMAY6	0007264996
3108	F	20 Apr 2013	2146	2486	CAPE MAY MINOT	20 Apr 2013 14 May 2014	3622 601	Birth Transfer	RAMANI	CAPEMAY7	107819576
3040	M	21 Apr 2013	2713	2701	MARWELL LA TESTE	21 Apr 2013 25 Mar 2015	9298 UU0315	Birth Transfer	AJENDRA	MARWELL	33956000008238736
3041	M	21 Apr 2013	2713	2701	MARWELL	21 Apr 2013 29 Aug 2013	9299	Birth Death	ARIUN	MARWELL	34956000008257550

3042	F	21 Apr 2013	2713	2701	MARWELL KINGUSSIE	21 Apr 2013 22 Jul 2015	9300 5908	Birth Transfer	ANIMESH	MARWELL 35956000008271486
3091	M	24 Apr 2013	2542	2610	PARIS JP	24 Apr 2013 24 Apr 2013	MB3028	Birth Death		PARIS 8
3012	M	29 Apr 2013	2593	2574	TREGOMZOO	29 Apr 2013 7 Jun 2013	MPAN07	Birth Death		TREGOMR 5
3013	M	29 Apr 2013	2593	2574	TREGOMZOO PONTSCORF TREGOMZOO ST PAUL	29 Apr 2013 27 Jun 2016 30 Nov 2016 15 Dec 2016	MPAN08 100806 MPAN08 4289	Birth Transfer Transfer Transfer	MOUTIG	TREGOMR 6 250229600061428
3028	M	29 Apr 2013	2280	2475	MOSCOW VESZPREM	29 Apr 2013 19 Oct 2015	130075 113003	Birth Transfer		MOSCOW 59 972270000030898
3029	F	29 Apr 2013	2280	2475	MOSCOW BEAUVAL	29 Apr 2013 29 Apr 2014	130076 M01572	Birth Transfer		MOSCOW 60 972270000030379
3030	F	29 Apr 2013	2280	2475	MOSCOW AHTARI KAUNAS	29 Apr 2013 21 Oct 2014 14 Aug 2015	130077 214072 CPU048	Birth Transfer Transfer	VENLA	MOSCOW 61 977200000026132
3078	M	29 Apr 2013	3053	3052	TANGAN WP COLUMBUS TANGAN WP METRORICH	29 Apr 2013 29 May 2013 27 Oct 2013 11 Sep 2014	B13105 213044 B13105 114019	Birth Transfer Transfer Transfer	NITRO	TWP 31
3079	F	29 Apr 2013	3053	3052	TANGAN WP SAN DIEGOZ	29 Apr 2013 16 Aug 2014	B13106 514152	Birth Transfer	PENNY	TWP 32
3084	M	29 Apr 2013	2277	2318	SALZBURG KISHINEV	29 Apr 2013 2 Nov 2014	S1775 M13050	Birth Transfer	SANGPO	SALZB 10 900200000071825
3085	F	29 Apr 2013	2277	2318	SALZBURG NIKOLAEV	29 Apr 2013 10 May 2015	S1776 N143	Birth Transfer	TASHI	SALZB 11 900200000071527
3086	F	29 Apr 2013	2277	2318	SALZBURG AGRATE	29 Apr 2013 9 Apr 2015	S1777 1728	Birth Transfer	LOTTI	SALZB 12 900200000069343
3032	M	1 May 2013	2740	2709	TWYCROSS SALZBURG	1 May 2013 8 Oct 2015	6700 S2151	Birth Transfer	SAYAN	TWYCROSS 3956000001535219
3033	M	1 May 2013	2740	2709	TWYCROSS THOIRY	1 May 2013 15 Dec 2014	6701 B4276	Birth Transfer	HARI	TWYCROSS 4956000001537193
3004	F	3 May 2013	2826	2813	DUDLEY	3 May 2013 19 Jul 2013	4125	Birth Death	NIDARA	DUDLEY 3
3005	F	3 May 2013	2350	2363	RIO GRAND COAL VAL	3 May 2013 24 Jan 2014	M13008 M2317	Birth Transfer	KIRA	ALBUQ 14
3006	F	3 May 2013	2350	2363	RIO GRAND LODI	3 May 2013 31 Dec 2013	M13007 M14001	Birth Transfer	TRINI	ALBUQ 15 0006FCC4CB
3010	F	4 May 2013	2106	2144	CALGARY	4 May 2013 4 May 2013	109060	Birth Death		CLAGARY 11
3015	M	6 May 2013	2702	2643	JURQUES NIKOLAEV	6 May 2013 10 May 2015 28 Aug 2016	1184 N144	Birth Transfer Death	GASPARD	JURQ 12 2500228700003961
3008	M	10 May 2013	2650	2628	TULSA	10 May 2013 21 May 2013	16831	Birth Death		TULSA 13
3009	M	10 May 2013	2650	2628	TULSA COAL VAL	10 May 2013 24 May 2014	16832 M2328	Birth Transfer	NIKO	TULSA 14 009809815
3007	?	11 May 2013	2650	2628	TULSA	11 May 2013 11 May 2013	16833	Birth Death		TULSA 12
3080	M	11 May 2013	3058	3056	TANGAN WP OROVILLE	11 May 2013 9 Jul 2013	B13107	Birth ltf		TWP 33 985121911235798
3081	F	11 May 2013	3058	3056	TANGAN WP COLUMBUS TANGAN WP CAPE MAY	11 May 2013 29 May 2013 27 Oct 2013 3 May 2016	B13108 213045 B13108 3735	Birth Transfer Transfer Transfer	TYSA	TWP 34
3011	F	13 May 2013	2764	2349	DENVER SACRAMNTO	13 May 2013 17 Apr 2014	A13085 101203	Birth Transfer	MISHA	DENVER 22 985111000311342
3156	?	15 May 2013	2763	2860	LAKELND O	15 May 2013 16 May 2013	309	Birth Death		LAKLND 1
3097	M	17 May 2013	2567	2599	COLWYNBAY	17 May 2013 15 Jun 2013	3104	Birth Death		COLWYN 3
3098	F	17 May 2013	2567	2599	COLWYNBAY	17 May 2013 15 Jun 2013	3105	Birth Death		COLWYN 4

3099	?	17 May 2013	2567	2599	COLWYNBAY	17 May 2013 21 May 2013	3106	Birth Death		COLWYN 5
3082	M	22 May 2013	3063	3062	TANGAN WP DUNLAP	22 May 2013 12 Jun 2013	B13109 ROD	Birth Transfer	ROD	TWP 35
3083	F	22 May 2013	3063	3062	TANGAN WP CHATTANOG	22 May 2013 3 Feb 2015	B13110 1179	Birth Transfer	CALLIE	TWP 36 0A01601508
3016	M	23 May 2013	2651	2760	BOISE MINOT	23 May 2013 19 Mar 2014	213032 600	Birth Transfer	MARTY	BOISE 1 000714EC45
3017	F	23 May 2013	2651	2760	BOISE BINGHAMTO BUFFALO BISMARCK	23 May 2013 16 Apr 2014 4 Dec 2014 4 Apr 2017	213033 14014 M14036 3152	Birth Transfer Transfer Transfer	GRACE	BOISE 2 000714DEDA
3020	M	26 May 2013	2573	2662	PHILADELP CHICAGOBR	26 May 2013 14 Sep 2017	105024 80406	Birth Transfer	BUCK	PHILA 25 0007537153
3021	F	26 May 2013	2573	2662	PHILADELP LINCOLN C	26 May 2013 13 Jan 2015	105025 1720	Birth Transfer	RANNEY	PHILA 26 000753EB74
3022	F	26 May 2013	2573	2662	PHILADELP	26 May 2013 30 May 2013	105026	Birth Death		PHILA 27
3023	M	27 May 2013	2565	2496	HUNBSTRND ROSAMOND	27 May 2013 25 Feb 2015 15 Feb 2017	213032 529	Birth Transfer Death	SANJIV	HUNNEBO 25968000010083380
3024	M	27 May 2013	2565	2496	HUNBSTRND TOLEDO	27 May 2013 6 Apr 2016	213033 11538	Birth Transfer	SHISHIR	HUNNEBO 26968000010082822
3025	F	27 May 2013	2565	2496	HUNBSTRND AHTARI	27 May 2013 22 Aug 2015	213034 215059	Birth Transfer	SHYLA	HUNNEBO 25968000010082730
3026	F	31 May 2013	2508	2500	BUFFALO	31 May 2013 3 Jun 2013	M13033	Birth Death		BUFFALO 17
3027	F	31 May 2013	2508	2500	BUFFALO	31 May 2013 3 Jun 2013	M13034	Birth Death		BUFFALO 18
3043	F	2 Jun 2013	2790	2796	SERVION ROSAMOND	2 Jun 2013 24 Feb 2015 27 Jul 2015	UU020613 528	Birth Transfer Death	THALIA	SERVION 1 756095200173163
3044	F	2 Jun 2013	2790	2796	SERVION	2 Jun 2013 3 Jul 2013	UU02613B	Birth Death		SERVION 2
3089	M	2 Jun 2013	2670	2614	CENTRALPK	2 Jun 2013	C13039	Birth	SUMMIT	CENTRPK 1
3090	F	2 Jun 2013	2670	2614	CENTRALPK	2 Jun 2013	C13040	Birth	RIVER	CENTRAL PK018050519
3164	M	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324010 OTTO OTTO	Birth Transfer Transfer	OTTO III	MAGDEB 15 9002000064668
3165	F	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324011 NELA NELA	Birth Transfer Transfer	NELA	MAGDEB 16 9002000070253
3166	F	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324012 ARUNA ARUNA	Birth Transfer Transfer	ARUNA	MAGDEB 17 9002000064968
3034	F	8 Jun 2013	2510	2579	GRANBY VALLEYZOO	8 Jun 2013 15 Oct 2014	M13020 101411	Birth Transfer	INDIRA	GRANBY 17 151451064A
3031	M	13 Jun 2013	2848	2867	CHICAGOBR LINCOLN C	13 Jun 2013 21 Oct 2014	4591 1717	Birth Transfer	EVEREST	BROOKF 19 008776287
3100	M	13 Jun 2013	2859	2827	KREFELD KINGUSSIE	13 Jun 2013 8 Apr 2015	2156 5837	Birth Transfer	CHAN	KREFELD 7190020000033970
3038	M	29 Jun 2013	2842	2780	WINNIPEG COLUMBUS SAN FRAN	29 Jun 2013 20 Sep 2017 14 Nov 2017	P00117 217063 117026	Birth Transfer Transfer	RAJ	ASSINIB 30000702370F
3039	M	29 Jun 2013	2842	2780	WINNIPEG TOKYOTAMA	29 Jun 2013 17 Dec 2015	P00118 8163	Birth Transfer	KOVO	ASSINIB 310007023A84
3035	M	8 Jul 2013	2865	2878	STUTTGART QUINTASI	8 Jul 2013 10 Mar 2015	9796 3100	Birth Transfer	KAMAL	STUTTG 21 276097209040722
3036	M	8 Jul 2013	2865	2878	STUTTGART ROSAMOND	8 Jul 2013 4 Mar 2015	9797 560	Birth Transfer	KARIM	STUTTG 22 900200000020745
3037	F	8 Jul 2013	2865	2878	STUTTGART CAMBRON	8 Jul 2013 18 Mar 2015 1 Sep 2017	9798 10049	Birth Transfer Death	LAILA	STUTTG 23 900200000026965
3088	M	19 Jul 2013	2750	2843	MEMPHIS CHICAGOLP	19 Jul 2013 2 Nov 2014	13M019 23468	Birth Transfer	TAZA	MEMPHIS 1800074F94E4

3093	F	12 Sep 2013	3058	3056	TANGAN WP COLUMBUS TANGAN WP METRORICH	12 Sep 2013 27 Oct 2013 22 Apr 2014 11 Sep 2014	B13112 213126 B13112 114020	Birth Transfer Transfer Transfer	ELSA	TWP 37	
3094	F	12 Sep 2013	3058	3056	TANGAN WP COLUMBUS TANGAN WP BANDON	12 Sep 2013 27 Oct 2013 22 Apr 2014 24 Jun 2016	B13113 213127 B13113 PEAK	Birth Transfer Transfer Transfer	PEAK	TWP 38	
3095	F	12 Sep 2013	3058	3056	TANGAN WP ZOO IMPRT	12 Sep 2013 31 Oct 2013	B13114 3095	Birth Transfer		TWP 39	
3109	M	14 Apr 2014	2437	2714	AKRON WATERTNSD	14 Apr 2014 29 Apr 2015	101309 2995	Birth Transfer	MAKALU	AKRON 3	010065038
3110	F	14 Apr 2014	2437	2714	AKRON LOSANGELE	14 Apr 2014 25 May 2015	101308 993610	Birth Transfer	MALAYA	AKRON 4	010059037
3120	F	16 Apr 2014	3053	3052	TANGAN WP COLUMBUS TANGAN WP DUNLAP	16 Apr 2014 24 Apr 2014 15 Oct 2014 7 Jun 2016	B14115 214028 B14115 ANA	Birth Transfer Transfer Transfer	ANA	TWP 40	
3121	F	16 Apr 2014	3053	3052	TANGAN WP COLUMBUS TANGAN WP DUNLAP	16 Apr 2014 24 Apr 2014 15 Oct 2014 7 Jun 2016	B14116 214029 B14116 ELSA	Birth Transfer Transfer Transfer	ELSA	TWP 41	
3140	M	17 Apr 2014	2826	2813	DUDLEY DARJEELIN	17 Apr 2014 25 Jun 2016	4237 SLMAKALU	Birth Transfer	MAKALU	DUDLEY 4	95600001458313
3146	M	23 Apr 2014	2463	2836	PERM ZOO CHELYABIN	23 Apr 2014 25 Feb 2015	6282010 89266	Birth Transfer	ERMAK	PERM 19	
3147	F	23 Apr 2014	2463	2836	PERM ZOO	23 Apr 2014 26 Apr 2014	6282011	Birth Death		PERM 20	
3111	F	28 Apr 2014	2503	2499	HELSINKI TOLEDO	28 Apr 2014 15 Mar 2016	214017 11496	Birth Transfer	GRETA	HKI 114	934000011107115
3112	F	28 Apr 2014	2503	2499	HELSINKI SALZBURG	28 Apr 2014 7 Oct 2015	214018 S2150	Birth Transfer	GRETEL	HKI 115	934000011107118
3113	M	28 Apr 2014	2503	2499	HELSINKI AUVERGNE	28 Apr 2014 6 Feb 2016	214019 C690	Birth Transfer	GABRIEL	HKI 116	956000008374214
3114	M	28 Apr 2014	2503	2499	HELSINKI MULHOUSE	28 Apr 2014 27 Apr 2016	214020 M16037	Birth Transfer	GUSTAF	HKI 117	934000011107121
3115	M	28 Apr 2014	2567	2599	COLWYNBAY HUNBSTRND	28 Apr 2014 5 Jul 2017	3598 217136	Birth Transfer	ARATAAN	COLWYN6	95600003893508
3116	F	28 Apr 2014	2567	2599	COLWYNBAY BROXBURN	28 Apr 2014 12 Nov 2015	3599 M866	Birth Transfer	JESSIE	COLWYN 7	956000003624756
3117	?	28 Apr 2014	2567	2599	COLWYNBAY	28 Apr 2014 28 Apr 2014	3597	Birth Death		COLWYN 8	
3155	F	1 May 2014	2755	2800	KERNHOF CALGARY	1 May 2014 4 Dec 2015	LEIKA 109520	Birth Transfer	LEIKA	KERNHOF 4	0400097809150511
3159	F	2 May 2014	2401	2861	DARJEELIN	2 May 2014 14 Sep 2015	SHINING	Birth Death	SHINING		
3160	F	2 May 2014	2401	2861	DARJEELIN	2 May 2014	MORNING	Birth	MORNING		0007155A51
3133	F	3 May 2014	2466	2265	ZURICH PLOCK	3 May 2014 17 Nov 2015	B40403 A20538	Birth Transfer	OKARA	ZURICH 57	756098100643348
3134	F	3 May 2014	2466	2265	ZURICH MILWAUKEE	3 May 2014 23 Aug 2016	B40404 5963	Birth Transfer	ORYA	ZURICH 58	756098100641477
3127	M	6 May 2014	2819	2830	NY BRONX	6 May 2014	M14044	Birth	MIKE	BRONX 107	032576886
3128	M	6 May 2014	2819	2830	NY BRONX CENTRALPK	6 May 2014 5 Dec 2017	M14045 M14045	Birth Transfer	IKE	BRONX 108	032788333
3138	M	6 May 2014	2904	2773	OPOLE	6 May 2014 30 Sep 2014	M14020	Birth Death	DEXTER	OPOLE 1	956000002322175
3139	F	6 May 2014	2904	2773	OPOLE	6 May 2014 24 Jun 2014	M14019	Birth Death		OPOLE 2	
3118	F	7 May 2014	2831	2562	TAUTPHAUS ORONO	7 May 2014 24 Mar 2016	14M021 K16003	Birth Transfer	ANNIKA	IDAHO 10	835343603
3119	F	7 May 2014	2831	2562	TAUTPHAUS OMAHA	7 May 2014 11 Sep 2015	14M022 23346	Birth Transfer	ROSEMARY	IDAHO 11	835311070
3122	M	8 May 2014	3058	3056	TANGAN WP D ARTHUR	8 May 2014 28 Oct 2014	B14117 3122	Birth lft		TWP 42	

3123	M	8 May 2014	3058	3056	TANGAN WP ZWCCRAINI	8 May 2014 16 Jun 2014	B14118 3123	Birth Transfer		TWP 43
3124	F	8 May 2014	3055	3054	TANGAN WP ZWCCRAINI	8 May 2014 16 Jun 2014	B14119 3124	Birth Transfer		TWP 44
3125	M	17 May 2014	3063	3062	TANGAN WP CAVEJUNCT	17 May 2014 13 Aug 2014	B14120 3125	Birth Transfer	MALAKAI	TWP 45
3126	F	17 May 2014	3063	3062	TANGAN WP OROVILLE	17 May 2014 15 Aug 2014	B14121 3126	Birth lrf		TWP 46
3148	M	18 May 2014	2818	2829	BLOOMINGT	18 May 2014 20 May 2014	M14044	Birth Death		BLOOM 12
3149	M	18 May 2014	2818	2829	BLOOMINGT	18 May 2014 22 May 2014	M14045	Birth Death		BLOOM 13
3157	M	25 May 2014	2763	2860	LAKELND O PLOCK	25 May 2014 16 Dec 2015 4 Sep 2017	352 A20552	Birth Transfer Death	LOKI	LAKLND 2 960011000282594
3158	F	25 May 2014	2763	2860	LAKELND O VALBREMBO	25 May 2014 29 Jul 2015	353 LEONEVF	Birth Transfer	LUNA	LAKLND 3 960011000283282
3152	F	27 May 2014	2883	2925	BERLIN TP ROSAMOND	27 May 2014 16 Feb 2016	M05694 544	Birth Transfer	NAINA	BERLTP16 9002000097771
3153	F	27 May 2014	2883	2925	BERLIN TP ST PAUL	27 May 2014 2 Feb 2017	M05695 4293	Birth Transfer	ALYA	BERLTP17 9002000096435
3131	F	30 May 2014	2494	2845	KOLMARDEN	30 May 2014 1 Jun 2014	12548	Birth Death		KOLMARD 13
3132	F	30 May 2014	2494	2845	KOLMARDEN	30 May 2014 1 Jun 2014	12549	Birth Death		KOLMARD 14
3129	F	1 Jun 2014	2670	2614	CENTRALPK	1 Jun 2014	C14034	Birth	MALALA	CENTRPK 3 018037050
3130	M	1 Jun 2014	2670	2614	CENTRALPK	1 Jun 2014 2 Jun 2014	C14035	Birth Death		CENTRPK 4
3144	M	1 Jun 2014	2156	2223	MILWAUKEE	1 Jun 2014 5 Jun 2015	5856	Birth Death	SOSSY	MIL 42
3145	F	1 Jun 2014	2156	2223	MILWAUKEE	1 Jun 2014 4 Jun 2014	5857	Birth Death		MIL 43
3141	M	16 Jun 2014	1847	2887	MULHOUSE DARJEELIN	16 Jun 2014 1 Sep 2016	M14069 NAMKHA	Birth Transfer	NAMKHA	MULHOU 12 250228730005176
3142	M	16 Jun 2014	1847	2887	MULHOUSE CALGARY	16 Jun 2014 9 Mar 2016	M14070 109525	Birth Transfer	PEMBA	MULHOU 13 250228730005369
3143	F	16 Jun 2014	1847	2887	MULHOUSE SANTILLAN	16 Jun 2014 3 Dec 2015	M14071 3143	Birth Transfer	LASYA	MULHOU 14 250228730005370
3150	?	8 Jul 2014	2698	2615	SYRACUSE	8 Jul 2014 8 Jul 2014	M14139	Birth Death		SYRAC 8
3151	M	9 Jul 2014	2698	2615	SYRACUSE MILWAUKEE	9 Jul 2014 15 Oct 2015	M14138 5915	Birth Transfer	ASA	SYRAC 9
3135	M	19 Jul 2014	2711	2778	KARLSRUHE	19 Jul 2014 12 Aug 2014	CA5615	Birth Death		KARLSRUH8
3136	F	19 Jul 2014	2711	2778	KARLSRUHE	19 Jul 2014 11 Aug 2014	CA5616	Birth Death		KARLSRUH9
3137	F	19 Jul 2014	2711	2778	KARLSRUHE	19 Jul 2014 11 Aug 2014	CA5617	Birth Death		KARLSRUH10
3194	M	16 Aug 2014	3053	3052	TANGAN WP BANDON	16 Aug 2014 24 Jun 2016	B14287 PARKER	Birth Transfer	PARKER	TWP 49
3219	?	31 Mar 2015	2997	2982	BUSSOLENG	31 Mar 2015 2 Apr 2015	PUN009	Birth Death		BUSSOL 1
3161	M	4 Apr 2015	2698	2615	SYRACUSE	4 Apr 2015 4 Apr 2015	M15034	Birth Death		SYRAC 10
3162	M	5 Apr 2015	2698	2615	SYRACUSE	5 Apr 2015 5 Apr 2015	M15036	Birth Death		SYRAC 11
3163	F	5 Apr 2015	2698	2615	SYRACUSE	5 Apr 2015 5 Apr 2015	M15035	Birth Death		SYRAC 12
3218	M	11 Apr 2015	2702	2643	JURQUES KOLMARDEN	11 Apr 2015 30 Mar 2017	1390 13228	Birth Transfer	OLAF	JURQ 13 250228700003964
3203	F	14 Apr 2015	2493	2575	PLZEN LEIPZIG	14 Apr 2015 4 Jul 2017	306808 M10813	Birth Transfer	CHANDRA	96700009712832
3172	F	20 Apr 2015	2280	2475	MOSCOW	20 Apr 2015 21 Apr 2015	150172	Birth Death		MOSCOW 62

3173	F	20 Apr 2015	2280	2475	MOSCOW	20 Apr 2015 21 Apr 2015	150173	Birth Death		MOSCOW 63
3174	F	20 Apr 2015	2280	2475	MOSCOW	20 Apr 2015 24 Apr 2015	150174	Birth Death		MOSCOW 64
3192	M	30 Apr 2015	2479	2431	USTI	30 Apr 2015 30 Apr 2015	15UL62	Birth Death		USTI 3
3195	M	30 Apr 2015	3053	3052	TANGAN WP TIGER HAV	30 Apr 2015 7 Dec 2015	B15252 PRESLEY	Birth Transfer	PRESLEY	TWP 50
3196	F	30 Apr 2015	3053	3052	TANGAN WP	30 Apr 2015 13 Jul 2015	B15253	Birth Death		TWP 51
3197	F	30 Apr 2015	3053	3052	TANGAN WP CLAWSPAWS	30 Apr 2015 8 Aug 2015	B15254 3197	Birth Transfer		TWP 52
3167	F	2 May 2015	2691	2712	LIBEREC	2 May 2015 2 May 2015	610023	Birth Death		LIBEREC 13
3216	F	4 May 2015	2858	2827	KREFELD LINTON	4 May 2015 28 Nov 2016	2252 LZM766	Birth Transfer	NEFELI	KREFELD 72900200000029975
3217	F	4 May 2015	2858	2827	KREFELD COULANGE	4 May 2015 14 Nov 2016	2253 UU25	Birth Transfer	YALLA	KREFELD 73900200000022744
3198	M	5 May 2015	3058	3056	TANGAN WP	5 May 2015 18 Jul 2015	B15255	Birth Death		TWP 53
3199	F	5 May 2015	3058	3056	TANGAN WP	5 May 2015 10 Jul 2015	B15256	Birth Death		TWP 54
3224	F	5 May 2015	2966	2960	HANSTEDT KATOWICE	5 May 2015 14 Dec 2016	AMILA 4085	Birth Transfer	AMALIA	NINDORF 9 900200000148427
3225	F	5 May 2015	2966	2960	HANSTEDT KATOWICE	5 May 2015 14 Dec 2016	ALEIKA 4084	Birth Transfer	ALEIKA	NINDORF 10900200000146178
3190	F	6 May 2015	2818	2829	BLOOMINGT	6 May 2015	M15017	Birth	NeeCee	BLOOM 14 0007249DEC
3191	F	6 May 2015	2818	2829	BLOOMINGT BUFFALO	6 May 2015 5 Apr 2017	M15018 M17000	Birth Transfer	SABRINA	BLOOM 15 0007248F89
3212	M	6 May 2015	2619	2594	MAGDEBURG LE PAL	6 May 2015 14 Feb 2017	324013 M17002	Birth Transfer	ASKARI	MAGDEB 18 900200000068891
3213	M	6 May 2015	2619	2594	MAGDEBURG LE PAL	6 May 2015 14 Feb 2017	324014 M17003	Birth Transfer	MALEO	MAGDEB 19 900200000068464
3168	M	8 May 2015	2777	2776	KOLN ROSTOCK	8 May 2015 15 Nov 2017	4906 6706	Birth Transfer	BARID	KOLN 14 900200000275763
3214	M	10 May 2015	2598	2991	TALLIN	10 May 2015 19 May 2015	20189	Birth Death		TALLINN 39
3215	F	10 May 2015	2598	2991	TALLIN MAGDEBURG	10 May 2015 1 May 2017	20190 324015	Birth Transfer	NALA	TALLINN 40
3220	M	10 May 2015	2492	2427	JIHLAVA FONTAINE	10 May 2015 26 Feb 2017	004017 70PU17	Birth Transfer	ARMIN	JIH 19 203108000006171
3221	M	10 May 2015	2711	2778	KARLSRUHE USTI	12 May 2015 1 Jun 2017	CA5618 17UL105	Birth Transfer	DIPENDU	KARLSRH11 982000168853408
3222	M	10 May 2015	2711	2778	KARLSRUHE USTI	12 May 2015 1 Jun 2017	CA5619 17UL106	Birth Transfer	DELEG	KARLSRUH12982000168851698
3223	F	10 May 2015	2711	2778	KARLSRUHE	12 May 2015	CA5620	Birth	DINATA	KARLSRUH13982000168853455
3169	F	13 May 2015	2842	2780	WINNIPEG	13 May 2015 13 May 2015	22029	Birth Death		ASSINIB 32
3170	M	15 May 2015	2842	2780	WINNIPEG GRANBY	15 May 2015 27 Jul 2017	22032 M15049	Birth Transfer	KANG	ASSINIB 33956000003728242
3171	M	15 May 2015	2842	2780	WINNIPEG	15 May 2015	22033	Birth	YUKI	ASSINIB 34956000003658254
3185	M	15 May 2015	3063	3062	TANGAN WP COLUMBUS TANGAN WP TIGER HAV	15 May 2015 8 Jun 2015 15 Nov 2015 21 Jul 2016	B15257 215065 B15257 HENRY	Birth Transfer Transfer Transfer	HENRY	TWP 47 00075B2B6D
3186	M	15 May 2015	3063	3062	TANGAN WP COLUMBUS TANGAN WP TIGER HAV	15 May 2015 8 Jun 2015 15 Nov 2015 21 Jul 2016	B15258 215066 B15258 GEORGE	Birth Transfer Transfer Transfer	GEORGE	TWP 48 000786A3F5
3193	M	16 May 2015	2750	2843	MEMPHIS	16 May 2015	15M017	Birth		MEMPHIS 19
3183	F	20 May 2015	2790	2796	SERVION	20 May 2015 24 Aug 2015	U200515A	Birth Death		SERVION 3
3184	F	20 May 2015	2790	2796	SERVION	20 May 2015 21 Aug 2015	U200515B	Birth Death		SERVION 4

3175	F	25 May 2015	2350	2363	RIO GRAND TANGAN WP	25 May 2015 1 Apr 2016	M15015 A16413	Birth Transfer	KARLI	ALBUQ 16	000780B068
3226	?	25 May 2015	2793	2863	ASAHIKAWA	25 May 2015 26 May 2015	ASAHIK1	Birth Death		ASAHIK 1	
3180	M	29 May 2015	2680	2645	BASEL PARIS JP	29 May 2015 11 Aug 2016	150026 MB6103	Birth Transfer	MAKALU	BASEL 60	981098102877874
3181	M	29 May 2015	2680	2645	BASEL	29 May 2015	150027	Birth	MEKONG	BASEL 61	981098102875444
3182	F	29 May 2015	2680	2645	BASEL NYIREGYHA	29 May 2015 1 Mar 2017	150028 M13338	Birth Transfer	MYANMAR	BASEL 62	981098102874312
3176	F	30 May 2015	2510	2579	GRANBY	30 May 2015	M15016	Birth	ELSA	GRANBY 18	152262683A
3177	F	30 May 2015	2510	2579	GRANBY COLUMBUS SAN FRAN	30 May 2015 20 Sep 2017 15 Nov 2017	M15017 217064 117027	Birth Transfer Loan	ANNA	GRANBY 19	152258263A
3178	F	1 Jun 2015	2671	3029	BEAUVAL LA PLAINE	1 Jun 2015 7 Sep 2016	M01784 SP0036	Birth Transfer	SAIAN	BEAUVAL	12250228739004140
3179	F	1 Jun 2015	2671	3029	BEAUVAL DUDLEY	1 Jun 2015 7 Oct 2016	M01785 4608	Birth Transfer	TAIGA	BEAUVAL	13250228739004141
3206	M	9 Jun 2015	2996	2998	YARMOUTH AHTARI	9 Jun 2015 18 Jan 2017	29705806 217001	Birth Transfer	JAMAL	THRIGBY 1	953010000749092
3207	M	9 Jun 2015	2996	2998	YARMOUTH WARSAW	9 Jun 2015 9 Aug 2017	29705807 S7460	Birth Transfer	JAMIR	THRIGBY 2	953010000752304
3187	F	16 Jun 2015	2848	2867	CHICAGOBR	16 Jun 2015	5541	Birth	MALAYA	BROOKF 20	031080544
3188	F	16 Jun 2015	2848	2867	CHICAGOBR SYRACUSE	16 Jun 2015 17 Oct 2016	5542 M16182	Birth Transfer	DAANIA	BROOKF 21	031062874
3189	M	16 Jun 2015	2679	2974	DRESDEN Z PLANCKNDL	16 Jun 2015 24 Apr 2017	201768 236010	Birth Transfer	KIYAN	DRESDEN	1390020000209001
3210	F	22 Jun 2015	2888	2976	SO LAKES	22 Jun 2015 3 Oct 2015	UU0003	Birth Death	NATASJA	LAKES 1	956000004726692
3211	?	22 Jun 2015	2888	2976	SO LAKES	22 Jun 2015 2 Oct 2015	UU0004	Birth Death	MISKA	LAKES 2	956000004738466
3204	F	6 Jul 2015	2963	2971	BOISSIERE AUVERGNE	6 Jul 2015 28 Feb 2017	FPU003 C761	Birth Transfer	TAJA	BSSIERY 1	250228719001664
3205	F	6 Jul 2015	2963	2971	BOISSIERE BASEL	6 Jul 2015 12 Mar 2017	FPU004 170029	Birth Transfer	RANGI	BSSIERY 2	250228719001631
3201	M	11 Aug 2015	2566	2430	NURNBERG MELBOURNE	11 Aug 2015 26 Oct 2017	M03913 B70550	Birth Transfer	KANG-JU	NRNBERG 6	900200000360308
3202	F	11 Aug 2015	2566	2430	NURNBERG WARSAW	11 Aug 2015 25 Aug 2017	M03914 S7463	Birth Transfer	AYANA	NRNBERG 7	900200000358186
3208	M	6 Sep 2015	3058	3056	TANGAN WP COLUMBUS TANGAN WP	6 Sep 2015 28 Sep 2015 13 Mar 2016	B15297 215094 B15297	Birth Transfer Transfer	CASPER	TWP 55	
3209	F	6 Sep 2015	3058	3056	TANGAN WP COLUMBUS TANGAN WP OROVILLE	6 Sep 2015 28 Sep 2015 13 Mar 2016 12 Jul 2016	B15298 215095 B15298 3209	Birth Transfer Transfer lft	WINNIE	TWP 56	
3227	M	5 Mar 2016	2437	2714	AKRON	5 Mar 2016	101495	Birth	LAYAN	AKRON 5	010059060
3228	F	5 Mar 2016	2437	2714	AKRON CENTRALPK	5 Mar 2016 27 Sep 2017	101496 C17074	Birth Transfer	ASHA	AKRON 6	010042771
3229	M	5 Mar 2016	2437	2714	AKRON BUFFALO	5 Mar 2016 21 Sep 2017	101497 M17023	Birth Transfer	ALTAI	AKRON 7	010067367
3259	M	9 Apr 2016	2904	2773	OPOLE PLOCK	9 Apr 2016 16 Nov 2017	M16021 A20643	Birth Transfer		OPOLE 3	956000002322676
3260	F	9 Apr 2016	2904	2773	OPOLE	9 Apr 2016 10 Jul 2016	M16022	Birth Death		OPOLE 4	
3269	F	9 Apr 2016	2904	2773	OPOLE	9 Apr 2016 12 Feb 2017	M16020	Birth Death		OPOLE 5	
3242	?	19 Apr 2016	2793	2863	ASAHIKAWA	19 Apr 2016 23 Apr 2016	ASAHIK2	Birth Death		ASAHIK 2	
3243	M	19 Apr 2016	2793	2863	ASAHIKAWA	19 Apr 2016	LICHT	Birth	LICHT	ASAHIK 3	
3262	F	24 Apr 2016	3053	3052	TANGAN WP	24 Apr 2016	TWP57	Birth		TWP 57	
3249	F	30 Apr 2016	2948	2993	PROVIDNCE	30 Apr 2016 30 Apr 2016	100415	Birth Death		PROVD 3	

3230	M	3 May 2016	2650	2628	TULSA	3 May 2016	17669	Birth	KAVI	TULSA 15	041782044
3231	M	3 May 2016	2650	2628	TULSA	3 May 2016	17670	Birth	AMIR	TULSA 16	041597602
3232	F	3 May 2016	2650	2628	TULSA	3 May 2016	17671	Birth	ZAHRA	TULSA 17	041073332
3244	?	3 May 2016	3084	2772	KISHINEV	3 May 2016 13 May 2016	M16005	Birth Death		KISHINEV 1	
3239	F	4 May 2016	2969	2836	PERM ZOO	4 May 2016	62820-12	Birth	KISUNYA	PERM 21	643094100363719
3240	F	4 May 2016	2969	2836	PERM ZOO LIMPOPOZOO	4 May 2016 23 Dec 2016	62820-13 632	Birth Transfer		PERM 22	6430941003637717
3241	F	4 May 2016	2969	2836	PERM ZOO	4 May 2016	62820-14	Birth	TALITSA	PERM 23	
3233	F	5 May 2016	2573	2751	CLEVELAND	5 May 2016	160502	Birth	SAMEERA	CLEVEL 14	
3261	?	6 May 2016	2883	2925	BERLIN TP	6 May 2016 6 May 2016	00080	Birth Death		BERLTP18	
3234	M	7 May 2016	2964	2977	NEUNKIRCH LEIPZIG	7 May 2016 23 Jun 2017	UU20161 M10809	Birth Transfer	ASKAR	NEUNKIR 1	968000005394859
3235	F	7 May 2016	2964	2977	NEUNKIRCH	7 May 2016	UU20162	Birth	ANUSHA	NEUNKIR 2	968000005399118
3263	M	9 May 2016	3058	3056	TANGAN WP	9 May 2016	TWP58	Birth		TWP 58	
3264	F	9 May 2016	3058	3056	TANGAN WP BANDON	9 May 2016 24 Jun 2016	B16417 3264	Birth Transfer		TWP 59	
3250	M	10 May 2016	2831	2562	TAUTPHAUS	10 May 2016	16M009	Birth		IDAHO 12	835322015
3236	F	12 May 2016	2816	2829	BLOOMINGT	12 May 2016	M16019	Birth		BLOOM 15	000724E940
3237	F	12 May 2016	2818	2829	BLOOMINGT	12 May 2016	M16022	Birth		BLOOM 16	0007243E1
3238	F	12 May 2016	2818	2829	BLOOMINGT NY BRONX	12 May 2016 21 Nov 2017	M16023 M17159	Birth Loan		BLOOM 17	0007245204
3254	M	19 May 2016	3015	3085	NIKOLAEV	19 May 2016 21 Nov 2016	N1435	Birth Death	CHIMGAN	NIKOL 1	804098100065499
3255	M	19 May 2016	3015	3085	NIKOLAEV	19 May 2016 12 Dec 2016	N1436	Birth Death	MURGAB	NIKOL 2	804098100069214
3256	M	19 May 2016	3015	3085	NIKOLAEV	19 May 2016 30 May 2017	N1437	Birth Death	NUAR	NIKOL 3	804098100072319
3265	M	24 May 2016	3078	3093	METRORICH	24 May 2016	016040	Birth		METROR 1	
3266	F	24 May 2016	3078	3093	METRORICH	24 May 2016	016041	Birth		METROR 2	
3248	?	31 May 2016	2644	2936	DUBLIN	31 May 2016 31 May 2016	A16M38	Birth Death		DUBLIN 27	
3251	M	6 Jun 2016	2826	2813	DUDLEY	6 Jun 2016 4 Jul 2016	4573	Birth Death	MILO	DUDLEY 5	
3257	M	6 Jun 2016	3040	2890	LA TESTE	6 Jun 2016 6 Jun 2016	M16023	Birth Death		ARACHON 1	
3258	M	6 Jun 2016	3040	2890	LA TESTE	6 Jun 2016 6 Jun 2016	M16024	Birth Death		ARACHON 2	
3245	M	7 Jun 2016	2979	2962	WUPPERTAL	7 Jun 2016	M16078	Birth	BAYAN	WUPPER 15	276095610159366
3246	F	7 Jun 2016	2979	2962	WUPPERTAL ORSA	7 Jun 2016 15 Jan 2018	M16079 SL3	Birth Transfer	BHAVANI	WUPPER 16	276095610156536
3247	F	7 Jun 2016	2979	2962	WUPPERTAL	7 Jun 2016	M16080	Birth	BASIRA	WUPPER 17	276095610158754
3252	F	11 Jun 2016	2888	2976	SO LAKES MELBOURNE	11 Jun 2016 18 Oct 2017	UU0005 B70513	Birth Transfer	MISKA	LAKES 3	956000004765684
3253	F	11 Jun 2016	2888	2976	SO LAKES	11 Jun 2016	UU0006	Birth	NATASJA	LAKES 4	956000004761407
3267	M	27 Feb 2017	3040	2890	LA TESTE	27 Feb 2017 27 Feb 2017	M17001	Birth Death		ARACHON 3	
3268	M	27 Feb 2017	3040	2890	LA TESTE	27 Feb 2017 28 Feb 2017	M17002	Birth Death		ARACHON 4	
3270	F	7 Apr 2017	2740	2709	TWYXCROSS	7 Apr 2017	7417	Birth	EVA	TWYXCROSS	5956000003810302
3271	F	7 Apr 2017	2740	2709	TWYXCROSS	7 Apr 2017	7418	Birth	CEBA	TWYXCROSS	6956000003809599
3289	M	10 Apr 2017	2859	2827	KREFELD	10 Apr 2017	2366	Birth	NUREK	KREFELD 74	972273000463174
3290	F	10 Apr 2017	2859	2827	KREFELD	10 Apr 2017	2364	Birth	SADARI	KREFELD 75	972273000469229
3291	F	10 Apr 2017	2859	2827	KREFELD	10 Apr 2017	2365	Birth	JOMA	KREFELD 76	972273000274839

3327	M	23 Apr 2017	3035	2756	AVINTES	23 Apr 2017 23 Apr 2017	3320	Birth Death		AVINTES 3
3328	F	23 Apr 2017	3035	2756	AVINTES	23 Apr 2017 23 Apr 2017	3321	Birth Death		AVINTES 4
3329	M	23 Apr 2017	3035	2756	AVINTES	23 Apr 2017 23 Apr 2017	3322	Birth Death		AVINTES 5
3323	?	29 Apr 2017	3084	2772	KISHINEV	29 Apr 2017 6 May 2017	93	Birth Death		KISHINEV 2
3324	?	29 Apr 2017	3084	2772	KISHINEV	29 Apr 2017 29 May 2017	94	Birth Death		KISHINEV 3
3272	F	1 May 2017	3142	3155	CALGARY	1 May 2017 3 May 2017	109705	Birth Death		CALGARY 12
3273	M	1 May 2017	3142	3155	CALGARY	1 May 2017 1 May 2017	109718	Birth Death		CALGARY 13
3283	M	6 May 2017	2966	2960	HANSTEDT	6 May 2017	BARSCHA	Birth	BARSHA	NINDORF11 900200000357237
3284	F	6 May 2017	2966	2960	HANSTEDT	6 May 2017 30 Sep 2017	BINDU	Birth Death	BINDU	NINDORF12 900200000358105
3285	F	6 May 2017	2966	2960	HANSTEDT	6 May 2017 31 Jul 2017	BONA	Birth Death	BONA	NINDORF13 900200000360075
3309	F	6 May 2017	3053	3052	TANGAN WP	6 May 2017	B17626	Birth		TWP 60
3310	M	8 May 2017	3058	3056	TANGAN WP COLUMBUS	8 May 2017 6 Jun 2017	B17627 217039	Birth Transfer	BRANCH	TWP 61
3311	F	8 May 2017	3058	3056	TANGAN WP	8 May 2017	B17628	Birth		TWP 62
3299	F	9 May 2017	2598	2991	TALLIN	9 May 2017 14 May 2017	21072	Birth Death		TALLINN 41
3274	M	10 May 2017	2916	3158	VALBREMBO	10 May 2017	LENEVA17	Birth	ARMAN	VALBREM 1 939000001571361
3275	M	10 May 2017	2916	3158	VALBREMBO	10 May 2017	LENEVB17	Birth	NEKO	VALBREM 2 939000001571362
3276	F	10 May 2017	2916	3158	VALBREMBO	10 May 2017 10 May 2017	LENEVC17	Birth Death		VALBREM 3
3280	M	10 May 2017	2858	3086	AGRATE	10 May 2017 11 May 2017	1766	Birth Death		NOVARA 18
3281	M	10 May 2017	2858	3086	AGRATE	10 May 2017 11 May 2017	1765	Birth Death		NOVARA 19
3282	F	10 May 2017	2858	3086	AGRATE	10 May 2017 11 May 2017	1764	Birth Death		NOVARA 20
3322	F	11 May 2017	3033	2937	THOIRY	11 May 2017	B7115	Birth	LAYA	THOIRY 12 250229600070389
3279	F	12 May 2017	2958	3110	LOSANGELE	12 May 2017	994350	Birth	MARAI	LA 31 842329527
3277	F	13 May 2017	3014	2830	NY BRONX	13 May 2017	M17062	Birth	KHYBER	BRONX 109
3278	M	13 May 2017	2958	3110	LOSANGELE	13 May 2017	994351	Birth	MERU	LA 30 842355575
3312	M	13 May 2017	3063	3062	TANGAN WP	13 May 2017	B17630	Birth		TWP 63
3313	F	13 May 2017	3063	3062	TANGAN WP COLUMBUS	13 May 2017 6 Jun 2017	B17631 217040	Birth Transfer	POPPY	TWP 64
3302	M	18 May 2017	2439	2901	TORONTO	18 May 2017 15 Jun 2017	49458	Birth Death		TORONTO 22
3303	M	18 May 2017	2439	2901	TORONTO	18 May 2017	49459	Birth		TORONTO 23
3304	F	18 May 2017	2439	2901	TORONTO	18 May 2017	49460	Birth		TORONTO 24
3317	F	19 May 2017	2728	3081	CAPE MAY	19 May 2017	3772	Birth	AHANA	CAPEMAY 8
3318	F	19 May 2017	2728	3081	CAPE MAY	19 May 2017 2 Oct 2017	3373	Birth Death	ZARA	CAPEMAY 9
3286	M	24 May 2017	2903	2908	MOSCOW	24 May 2017	170870	Birth		MOSCOW 65
3287	?	24 May 2017	3032	3112	SALZBURG	24 May 2017 27 May 2017	S2413	Birth Death		SALZB 13 040094501003882
3288	M	24 May 2017	3032	3112	SALZBURG	24 May 2017	S2414	Birth	KIRAN	SALZB 14
3300	F	24 May 2017	2903	2908	MOSCOW	24 May 2017	170961	Birth		MOSCOW 66
3301	M	24 May 2017	2903	2908	MOSCOW	24 May 2017	170962	Birth		MOSCOW 67
3292	M	28 May 2017	3114	2887	MULHOUSE	28 May 2017	M17027	Birth	TIKSI	MULHOU 15 250228500037639

3293	M	28 May 2017	3114	2887	MULHOUSE	28 May 2017	M17028	Birth	KOURAI	MULHOU 16 250228500037733
3294	F	28 May 2017	3114	2887	MULHOUSE	28 May 2017 19 Jan 2018	M17029	Birth Death	ZIMA	MULHOU 17 250228500036854
3298	M	29 May 2017	2492	2427	JIHlava	29 May 2017 4 Jun 2017	004018	Birth Death		JIH 20
3320	?	2 Jun 2017	3039	2775	TOKYOTAMA	2 Jun 2017 5 Jun 2017	8633	Birth Death		TAMA 29
3321	M	2 Jun 2017	3039	2775	TOKYOTAMA	2 Jun 2017	8634	Birth	FUKU	TAMA 30
3319	F	4 Jun 2017	2572	2956	W ORANGE	4 Jun 2017 4 Jun 2017	2004	Birth Death		ORANGE 2
3297	F	5 Jun 2017	2761	3119	OMAHA	5 Jun 2017	24487	Birth		OMAHA 33
3295	M	8 Jun 2017	3024	3111	TOLEDO	8 Jun 2017 9 Aug 2017	12505	Birth Death		TOLEDO 10
3296	F	8 Jun 2017	3024	3111	TOLEDO	8 Jun 2017	12506	Birth	DARIGA	TOLEDO 11
3306	F	9 Jun 2017	3016	3108	MINOT	9 Jun 2017 9 Jun 2017	652	Birth Death		MINOT 1
3305	F	22 Jun 2017	2679	2974	DRESDEN Z	22 Jun 2017 21 Jul 2017	202279	Birth Death		DRESDEN 14
3315	M	22 Jun 2017	2679	2974	DRESDEN Z	22 Jun 2017 21 Jul 2017	202304	Birth Death		DRESDEN 15
3316	F	22 Jun 2017	2679	2974	DRESDEN Z	22 Jun 2017 21 Jul 2017	202305	Birth Death		DRESDEN 16
3307	F	24 Jun 2017	3040	2890	LA TESTE	24 Jun 2017	M17020	Birth	MAYALA	ARACHON 5 250228500032802
3308	M	24 Jun 2017	3040	2890	LA TESTE	24 Jun 2017	M17021	Birth	AKAR	ARACHON 6 250228500032826
3325	M	26 Jun 2017	2924	3178	LA PLAINE	26 Jun 2017	UNK	Birth		STMART 10 250229600070658
3326	F	26 Jun 2017	2924	3178	LA PLAINE	26 Jun 2017	UNK	Birth		STMART 11 250229600070943
3314	M	6 Jul 2017	2602	2563	SEATTLE	6 Jul 2017	206363	Birth		SEATTLE 36

TOTAL: 125.144.16 (285)

Compiled by: Leif Blomqvist thru Nordens Ark
 Data current thru: 31 Dec 2017 - International
 Printed on 1 Jan 2018 using Sparks v1.65

3.2. Deaths 2013 -2017. Animals listed by studbook numbers.

Stud#	Sex	Birth Date	Sire	Dam	Location	Date	LocalID	Event	Name	Breeder#	Transponder
1663	F	30 May 1992	770	1297	NY BRONX ROLLING H	30 May 1992 9 Oct 2000 16 Jun 2013	921111 201008	Birth Transfer Death	SARI	BRONX 68	00004D30B1
1679	M	8 Jun 1992	873	714	NAGOYA TOKYOTAMA TOMIOKA	8 Jun 1992 5 Dec 1994 17 Jan 2002 28 Dec 2013	10553 1191 YOSHID	Birth Transfer Transfer Death	YOSHIDA	NAGOYA 11	
1712	F	20 Apr 1993	1135	1127	MILWAUKEE CHICAGOBR LOUISVILL	20 Apr 1993 12 Sep 1994 13 Jul 2004 20 Oct 2013	3826 940234 102528	Birth Transfer Transfer Death	PHABO	MIL 29	00001BCBEF
1725	neutF	7 May 1993	1268	1285	HUNBSTRND THOIRY	7 May 1993 19 Jul 1996 17 Jun 2014	930040 96014	Birth Transfer Death	HAHAY	HUNNEB 6	000016BD87
1729	F	9 May 1993	1142	1122	HEXAGON ROSAMOND	9 May 1993 14 Oct 2010 10 May 2015	WOOLY 456	Birth Transfer Death	WOOLY	SJBAU 9	
1733	F	13 May 1993	1164	1205	MARWELL JERSEY WELWYN YARMOUTH	13 May 1993 21 Dec 1994 20 Nov 1997 9 Apr 2006 31 May 2013	2322 M2082 IRENA 2	Birth Transfer Transfer Transfer Death	IRENA	MARWELL 130001BBBC22	
1739	F	15 May 1993	1301	1099	CALGARY VALLEYZOO SACRAMNTO	15 May 1993 8 Feb 1995 27 Feb 1997 12 Jul 2013	103988 100609 100968	Birth Transfer Transfer Death	SHANTI	CALGARY 10000015B909	
1800	M	7 Aug 1994	812	1414	ST LOUIS SAN FRAN SACRAMNTO LOSANGELE	7 Aug 1994 4 Apr 1996 6 Dec 2002 26 Jan 2005 13 Mar 2013	940805 196030 101061 991013	Birth Transfer Transfer Transfer Death	T'UNG LING	ST LOU 17	0000F801FB
1819	neutF	12 Jun 1994	663	1386	CHICAGOLP FRANKLINP STONEHAM	12 Jun 1994 12 Apr 1996 25 Sep 1998 28 Feb 2014	9806 96A227 96A227	Birth Transfer Transfer Death	TANG	LPZ 35	0001BBBCCB
1822	F	22 May 1994	1464	1461	LYMPNE BEKESBRNE LYMPNE	22 May 1994 25 Jan 2006 15 Apr 2011 11 Jan 2014	P94021 H20601 P94021	Birth Transfer Transfer Death	MARTA	BEKESBR 36	0001D91794
1832	F	11 Jul 1994	1281	1201	GRANBY WINNIPEG	11 Jul 1994 19 Mar 1997 28 Nov 2013	M94087 970281	Birth Transfer Death	LHASSA	GRANBY 5	0000F55D5C
1847	M	30 Apr 1995	990	1233	KREFELD MULHOUSE	30 Apr 1995 3 May 1996 7 May 2015	837 960098	Birth Transfer Death	LANAK	KREFELD 51	
1850	M	8 Aug 1995	1723	1285	HUNBSTRND DARJEELIN	8 Aug 1995 27 Jan 2000 14 Sep 2013	950196 29	Birth Transfer Death	TYSON	HUNNEB 9	000611163B
1853	F	8 Aug 1995	1723	1285	HUNBSTRND FONTAINE	8 Aug 1995 18 Mar 1999 22 Jul 2013	950199 70PU3	Birth Transfer Death	TUNAKHA	HUNNEB 12	0000146A67
1860	M	16 Apr 1995	1217	1127	MILWAUKEE PROVIDNCE SAN FRAN	16 Apr 1995 10 Jul 1996 7 May 2008 11 Feb 2016	4052 961052 108017	Birth Transfer Transfer Death	RIGEL	MIL 32	0001DA5F4D
1861	F	16 Apr 1995	1217	1127	MILWAUKEE PROVIDNCE	16 Apr 1995 10 Jul 1996 21 Jul 2014	4051 961051	Birth Transfer Death	RO	MIL 33	028521877
1868	F	3 May 1995	881	1438	JOHN BALL MEMPHIS	3 May 1995 28 Oct 1998 8 Mar 2014	301585 18033	Birth Transfer Death	HAILEY	GRAPIDS 5	
1879	M	7 Jun 1995	1646	1226	LEIPZIG LIBEREC	7 Jun 1995 21 Jan 1998 31 Dec 2014	M01549 610010	Birth Transfer Death	LORD	LEIPZIG 8	0000206CF3
1897	M	23 Oct 1995	1059	1474	DARJEELIN	23 Oct 1995 29 May 2015	15	Birth Death	KARAN	DARJ15	981098102057256

1917	M	1 May 1996	1583	1483	JURQUES TOULON	1 May 1996 19 Dec 1996 31 Dec 2013	755 SHANKA	Birth Transfer Death	SHANKAR	JURQ 4
1930	F	8 Jun 1996	1672	1412	MOSCOW	8 Jun 1996 26 Jan 2017	960216	Birth Death		MOSCOW 49 972000010001006
1947	M	11 May 1996	959	817	OAKHILL COLUMBUS OAKHILL TANGAN WP TIGHAV TN	11 May 1996 12 Jun 1996 29 Apr 1997 21 Nov 2001 6 Nov 2010 27 Jun 2013	969610 962022 969610 A96066 SATCHA	Birth Transfer Transfer Transfer Transfer Death	SATCHA	OAKHILL 3 0000F53F61
1958	F	13 Jul 1996	1239	1093	NOVOSIBRK KALININGR	13 Jul 1996 30 Jan 1998 10 Feb 2014	066044 300202	Birth Transfer Death	KERRI	NOVOSIB 38
1963	F	25 May 1996	1494	1507	EDINBURGH BERLIN TP BOGOR	25 May 1996 19 Mar 1998 31 Oct 2012 7 Nov 2014	96EB06 M00242 CSL002	Birth Transfer Transfer Death	SAYAN	EDINB 14 982000168852726
1986	F	2 Jun 1997	1620	1834	OAKHILL DUNLAP	2 Jun 1997 24 Jun 1997 4 May 2016	979710 DARLA	Birth Transfer Death	DARLA	OAKHILL 9
1989	M	17 May 1997	1221	1097	TALLIN HUNBSTRND DUBLIN	17 May 1997 7 Oct 1998 10 Nov 2005 10 Jul 2013	12169 980256 A5M025	Birth Transfer Transfer Death	TITU	TALLINN 200001BDD25F
1991	M	29 Apr 1997	1735	1732	BASEL QUINTASI	29 Apr 1997 29 Jun 1999 25 Sep 2014	970730 62	Birth Transfer Death	ULAGAN	BASEL 37 620098100426302
1993	M	28 Mar 1997	1135	1127	MILWAUKEE MANITOWOC	28 Mar 1997 22 Mar 2000 10 Apr 2015	4307 MICHU	Birth Transfer Death	MICHU	MIL 34
2000	F	1 Jun 1997	1672	1702	MOSCOW ST PETERS MOSCOW KAZAN ABAKAN	1 Jun 1997 18 Nov 1999 27 Nov 2006 6 Nov 2008 1 Mar 2011 17 Dec 2013	970508 MX4418 970508 160230 SARA	Birth Transfer Transfer Transfer Transfer Death	SARA	MOSCOW 52 643098100031573
2009	F	28 May 1997	1436	1570	LOUISVILL BATTLE CR	28 May 1997 7 May 2003 19 Aug 2014	101830 M03007	Birth Transfer Death	LOTUS	LOUISV 1 0001C9A3AC
2013	F	16 May 1997	1800	1650	SAN FRAN KNOXVILLE MILL MOUN	16 May 1997 4 Apr 2000 5 Jun 2010 31 Aug 2015	197015 1920 10048	Birth Transfer Transfer Death	CHINA	SFCZ 28 0001FA4BAA
2029	M	13 May 1997	1534	1645	SYRACUSE NY BRONX WATERTNSD COAL VAL	13 May 1997 1 Dec 1997 28 Mar 2007 28 Jun 2012 31 Jul 2014	M97025 971258 2176 M2302	Birth Transfer Transfer Transfer Death	RUKA	SYRAC 1 0001DB3285
2031	M	6 Jun 1997	1753	1466	NY BRONX	6 Jun 1997 30 Jul 2013	971117	Birth Death	BORIS	BRONX 74 000017662F
2039	F	11 Jun 1997	1751	1734	MARWELL MUNICH	11 Jun 1997 30 Apr 1999 7 Apr 2014	3751 051009	Birth Transfer Death	KEIRA	MARWELL 210001CDE630
2049	F	28 May 1998	812	1414	ST LOUIS	28 May 1998 30 Aug 2013	980560	Birth Death	KARA	ST LOU 22 00012E90E7
2055	M	28 May 1998	1620	1834	OAKHILL COLUMBUS ENDGCATS CAVEJUNCT	28 May 1998 16 Jun 1998 30 Sep 1998 25 Oct 1998 ~ Jan 2013	989811 982058 WANPA JATTA	Birth Transfer Transfer Transfer Death	WAMPA	OAKHILL 11
2069	M	4 May 1998	990	1014	KREFELD NEUWIED ROSTOCK	4 May 1998 26 Oct 1999 27 Apr 2006 12 Sep 2016	1088 ISCHTW 4362	Birth Transfer Transfer Death	ISCHTVAN	KREFELD 58968000004668555
2071	F	11 May 1998	1488	1738	DENVER ANCHORAGE	11 May 1998 10 Sep 2002 17 Apr 2015	980173 981678	Birth Transfer Death	MOLLY	DENVER 14 0001BE16C6
2072	F	11 May 1998	1488	1738	DENVER PANAMACT CLEVELAND	11 May 1998 24 Apr 2002 14 Jul 2003 5 May 2014	980174 839 M30718	Birth Transfer Transfer Death	OLGA	DENVER 15 0001BE2C6A

2076	F	29 Jul 1998	1281	1201	GRANBY ORONO OMAHA	29 Jul 1998 7 Apr 1999 18 Nov 2009 19 May 2016	M98096 K99014 19571	Birth Transfer Transfer Death	AFGHA	GRANBY 8 00013CD61E
2094	M	4 May 1998	1481	1460	LYMPNE MUNICH	4 May 1998 26 Mar 2002 30 Jan 2017	P98018 051010	Birth Transfer Death	FELIX	BEKESBR 410001D91D0F
2100	M	29 May 1998	1574	1737	ST PAUL BUFFALO ST LOUIS	29 May 1998 11 Nov 1999 24 Sep 2009 1 Jul 2015	2254 99M129 107709	Birth Transfer Transfer Death	EVEREST	ST. PAUL 7 462A671D1C
2101	F	29 May 1998	1574	1737	ST PAUL LOSANGELE	29 May 1998 22 Nov 1999 19 Nov 2013	2255 990120	Birth Transfer Death	ASIA	ST. PAUL 8 036044353
2106	M	16 Apr 1998	1098	1832	WINNIPEG ORONO SEAGRAVE CALGARY	16 Apr 1998 16 Mar 2000 19 Jun 2002 23 Jan 2009 4 Apr 2017	980879 K00017 KARESH 108279	Birth Transfer Transfer Transfer Death	KARESH	ASSINIB 1300069AE12B
2112	F	10 May 1998	1355	1590	PEAUGRES	10 May 1998 30 Apr 2015	249	Birth Death	TOUNDRA	PEAUGRES 5 1DC2B62
2117	F	25 Apr 1999	1617	1676	JIHLAVA KATOWICE	25 Apr 1999 2 Jun 2001 18 Dec 2015	JIH1 2645	Birth Transfer Death		JIHLAVA 1
2118	F	25 Apr 1999	1617	1676	JIHLAVA KATOWICE	25 Apr 1999 2 Jun 2001 20 Aug 2015	JIH2 2646	Birth Transfer Death		JIHLAVA 2
2127	M	1 Jun 1999	1988	1926	TALLIN BERLIN TP BOGOR	1 Jun 1999 7 Mar 2002 31 Oct 2012 23 Oct 2013	13124 M02008 CSL001	Birth Transfer Transfer Death	OMAR	TALLINN 2300020069DD
2133	F	30 May 1999	1601	1819	STONEHAM HOUSTON TORONTO	30 May 1999 8 May 2002 24 Mar 2006 20 Jul 2016	99P017 19821 40594	Birth Transfer Transfer Death	TIGA	BOSTON 5 000070EA3C
2135	M	15 Apr 1999	1239	1092	NOVOSIBRK MOSCOW	15 Apr 1999 21 Apr 2000 13 Sep 2016	066050 200149	Birth Transfer Death	DIOR	NOVOSIB 44972000010001244
2136	F	15 Apr 1999	1239	1092	NOVOSIBRK PERM ZOO	15 Apr 1999 2 Dec 1999 1 May 2013	066051 62820F2	Birth Transfer Death	JUNONA	NOVOSIB 45
2143	F	25 Apr 1999	1753	1466	NY BRONX VALLEYZOO	25 Apr 1999 3 Apr 2003 17 Sep 2017	991036 100925	Birth Transfer Death	SHERRI	BRONX 79 00016BB57E
2144	F	25 Apr 1999	1753	1466	NY BRONX CALGARY	25 Apr 1999 16 Oct 2003 21 Nov 2014	991037 106440	Birth Transfer Death	INDIRA	BRONX 80 00016BB390
2146	M	15 May 1999	1383	1818	SAN ANTON BALTIMORE CAPE MAY	15 May 1999 9 Oct 2002 24 May 2005 5 Mar 2015	990531 2961 3205	Birth Transfer Transfer Death	VIJAY	SAZ 38
2147	M	15 May 1999	1383	1818	SAN ANTON BATTLE CR GARDENCTY	15 May 1999 13 Mar 2003 17 Dec 2004 8 Mar 2013	990532 M03003 104085	Birth Transfer Transfer Death	JACK	SAZ 39 065585574
2152	F	7 May 1999	1649	1739	SACRAMNTO JOHN BALL	7 May 1999 6 Jun 2002 1 Jun 2017	101006 302633	Birth Transfer Death	MI-SHAN	SACRAM 2 000611446B
2153	F	21 Apr 1999	1844	1725	THOIRY BUSSOLENG	21 Apr 1999 23 Mar 2002 19 Jun 2013	99051 FUN004	Birth Transfer Death	NEVEE	THOIRY 7 0001E2CA34
2154	F	21 May 1999	1860	1861	PROVIDNCE CHATTANOG	21 May 1999 19 Jul 2006 23 Jul 2014	991055 1900	Birth Transfer Death	KASIMIR	PROVD 1 029293863
2155	F	21 May 1999	1860	1861	PROVIDNCE CHATTANOG PITTSBURG	21 May 1999 19 Jul 2006 2 Dec 2009 20 Dec 2016	991056 1901 102480	Birth Transfer Transfer Death	CHANEY	PROVD 2 029287023
2156	M	29 May 1999	1437	1470	SOUTHBEND BIG BEAR PALM DES BIG BEAR ST PAUL MILWAUKEE	29 May 1999 16 Oct 2001 29 Oct 2003 7 Nov 2003 9 Jun 2005 9 Nov 2012 11 Sep 2014	99029 20706 403027 20706 2838 5795	Birth Transfer Transfer Transfer Transfer Transfer Death	GENGHIS	SBEND 1

2157	F	29 May 1999	1437	1470	SOUTHBEND BIG BEAR COLO SPRG NY BRONX	29 May 1999 16 Oct 2001 30 Mar 2004 12 Nov 2009 24 Aug 2017	99030 20705 24M014 M09153	Birth Transfer Transfer Transfer Death	KALI	SBEND 2	0006681F4E
2160	neutF	17 May 1999	1442	1147	NASHV ZOO SAN DIEGOZ METRORICH	17 May 1999 3 Nov 1999 18 Oct 2006 6 Jun 2014	1230 599391 100602	Birth Transfer Transfer Death	MEI XING	NASHV 5	0006896408
2165	F	4 May 1999	1742	1677	KOLN LA PLAINE	4 May 1999 12 Dec 2000 22 Mar 2016	2445 SA0046	Birth Transfer Death	YUMLA	KOLN 7	00-01D3-C4DA
2166	F	2 May 1999	1464	1461	LYMPNE HANSTEDT	2 May 1999 14 Oct 2003 4 Dec 2013	P99041 GHURL	Birth Transfer Death	GHURL	BEKESBR	450001DFOPF6
2171	M	22 Apr 1998	982	1653	LANSING DULUTH S BARBARA SAN DIEGOZ	22 Apr 1998 9 Dec 2001 15 Dec 2004 21 Oct 2011 13 Jun 2014	2231 100185 700070 611377	Birth Transfer Transfer Transfer Death	MOON SHADOW	LANSING 2	121348745A
2174	F	10 Jun 1999	1618	1521	AGRATE SANTILLAN	10 Jun 1999 18 Oct 2002 6 Sep 2015	1229 1653	Birth Transfer Death	FRANCESCA	NOVARA 12	00013641F1
2178	M	~ 1989	WILD	WILD	KYRGYZSTA ALMA-ATA TOKYOTAMA	???? 6 Aug 1999 13 Oct 2000 10 Oct 2015	NONE B32901 3218	Capture Transfer Transfer Death	SHYNGHYZ	ALMATY 10	000121DF28
2183	M	20 May 1999	1751	1734	MARWELL ASSON	20 May 1999 12 Apr 2003 3 Mar 2014	4539 2480	Birth Transfer Death		MARWELL	25000200C705
2184	F	20 May 1999	1751	1734	MARWELL DUBLIN	20 May 1999 12 Jul 2000 31 Jul 2017	4540 A0M062	Birth Transfer Death	CIARA	MARWELL	260001CECA05
2199	M	30 Apr 1999	990	1233	KREFELD LISBON	30 Apr 1999 4 Oct 2001 23 Jun 2014	1186 7876	Birth Transfer Death	TROJAN	KREFELD	6000-0602-F26E
2202	M	15 May 2000	1148	1091	HELSINKI BUSSOLENG MAGLIASO	15 May 2000 18 Oct 2005 27 Jan 2014 23 Mar 2017	200048 PUN005 RIDDLE	Birth Transfer Transfer Death	RIDDLE	HKI 96	0001E6ECC2
2212	F	3 May 2000	1735	1732	BASEL ROSTOCK	3 May 2000 28 Apr 2001 7 Sep 2016	000005 3123	Birth Transfer Death	SHILA	BASEL 42	0001E2EEE8
2213	F	3 May 2000	1735	1732	BASEL COULANGE	3 May 2000 30 Mar 2004 4 Feb 2016	000006 UU14	Birth Transfer Death	AUGI	BASEL 43	981098100145932
2216	F	30 Mar 2000	990	1014	KREFELD ASSON	30 Mar 2000 14 Dec 2001 8 Dec 2017	1248 2348	Birth Transfer Death	IRIS	KREFELD	61000602F57B
2219	M	20 Jun 2000	1135	1127	MILWAUKEE LANSING OKLAHOMA SOUTHBEND BATTLE CR JOHN BALL CHATTANOG	20 Jun 2000 3 Feb 2004 11 Dec 2006 8 Dec 2008 1 Dec 2011 2 Nov 2012 10 Dec 2015 21 Apr 2017	4698 2612 769662 28250 M11016 303877 1228	Birth Transfer Transfer Transfer Transfer Transfer Transfer Death	TANKH	MIL 40	00060559AC
2233	M	9 May 2000	1800	1650	SAN FRAN PROVIDNCE CLEVELAND SAN FRAN	9 May 2000 21 May 2008 29 Nov 2011 18 Dec 2014 1 Mar 2017	100008 100256 111119 114045	Birth Transfer Transfer Transfer Death	GHURKA	SFCZ 31	0002136B63
2263	M	23 Aug 2000	1679	1463	TOKYOTAMA KUMAMOTO	23 Aug 2000 17 Dec 2003 10 Jan 2013	3186 MICHAE	Birth Transfer Death	MICHAEL	TAMA 7	
2277	M	28 Apr 2001	1975	1962	PARIS JP SALZBURG	28 Apr 2001 14 Aug 2002 12 Aug 2015	MA1054 1049	Birth Transfer Death	KURGAN	PARIS 3	00-01E2-CC64
2281	M	30 May 2001	1921	1907	HELSINKI AHTARI	30 May 2001 4 Feb 2003 23 Nov 2015	201038 203002	Birth Transfer Death	SHIRI	HKI 98	0001E70953
2290	M	29 May 2001	1847	1765	MULHOUSE SEOUL	29 May 2001 7 Aug 2003 16 Jul 2015	M01052 M7767	Birth Transfer Death	SHANDAO	MULHOU 9	00061C3213

2308	F	19 Apr 2001	1459	1328	DUDLEY WARSAW LESNY PK	19 Apr 2001 29 Oct 2003 11 Apr 2016 25 May 2016	2101 S5893 NADAAM	Birth Transfer Transfer Death	NADAAM	DUDLEY 2	941000014785966
2315	F	21 Apr 2002	1921	1400	HELSINKI	21 Apr 2002 3 Dec 2013	202041	Birth Death	TARA	HKI 99	0001BCA1B5
2322	M	2 Mar 2002	1951	1870	SANTILLAN	2 Mar 2002 3 Jul 2017	1600	Birth Death	SELUS	SANTIL 7	
2324	F	28 Jun 2002	2127	1963	BERLIN TP SEOUL	28 Jun 2002 19 Mar 2003 12 Feb 2016	M02009 M7766	Birth Transfer Death	SHEELA	BERLTP 7	968000000758136
2339	F	28 May 2002	1219	1784	PERM ZOO ROEVRUCHI KAZAN ROEVRUCHI	28 May 2002 5 Dec 2002 23 Oct 2008 9 Dec 2011 20 Feb 2016	2820F5 100005 160229 100005	Birth Transfer Transfer Transfer Death	BIANKA	PERM 10	643098100064901
2346	M	4 May 2001	1687	1746	MILL MOUN TOLEDO	4 May 2001 20 May 2003 9 Sep 2014	462 2878	Birth Transfer Death	NIKKO	ROANOKE 4	024607892
2363	F	16 May 2002	1571	1626	TAUTPHAUS RIO GRAND	16 May 2002 30 Apr 2003 8 Jun 2017	K2M009 M03009	Birth Transfer Death	STRIPE	IDAHO 1	051010561
2368	F	7 May 2002	1813	1659	TULSA OKLAHOMA	7 May 2002 12 Oct 2006 29 Dec 2017	14125 769561	Birth Transfer Death	KIARA	TULSA 5	055778097
2401	M	19 Jun 2002	1850	1797	DARJEELIN	19 Jun 2002 26 May 2015	41	Birth Death	BUDHA	DARJ 41	000610FA9B
2405	M	8 Jul 2002	1850	1899	DARJEELIN	8 Jul 2002 1 Feb 2016	36	Birth Death	PRABHAT	DARJ 45	00061824ED
2415	F	10 May 2002	1811	1674	ZAGREB NOVOSIBRK	10 May 2002 11 Jun 2004 2 Jul 2014	115077 066053	Birth Transfer Death	GRETTA	ZAGREB 3	643098100003444
2417	F	9 Jun 2002	1241	1284	MAGDEBURG BERLIN TP MAGDEBURG LEIPZIG LISBON	9 Jun 2002 18 Aug 2002 30 Aug 2002 19 Apr 2004 1 Dec 2004 11 Mar 2015	324003 M02013 324003 M04584 9253	Birth Transfer Transfer Transfer Transfer Death	DJAMILA	MAGDEB 10	968000001739064
2431	F	12 May 2003	2253	2260	KRAKOW NURNBERG USTI	12 May 2003 29 Apr 2004 4 Apr 2006 28 Nov 2016	030505 MO2213 UL0543	Birth Transfer Transfer Death	NIMA	KRAKOW 7	00013CB991
2437	M	18 May 2003	1383	1818	SAN ANTON AKRON	18 May 2003 15 Dec 2004 26 Jul 2017	Y03057 100198	Birth Transfer Death	ROSCOE	SAZ 42	413F544E28
2439	M	5 Apr 2003	1098	1832	WINNIPEG TORONTO STEVENSVI TORONTO	5 Apr 2003 16 Jun 2004 16 May 2012 14 Apr 2014 5 Oct 2017	D00377 39469 KOTA 39469	Birth Transfer Transfer Transfer Death	KOTA	ASSINIB	220006381CB6
2443	neutM	4 Jun 2003	2031	2048	NY BRONX CHICAGOBR CHICAGOLP	4 Jun 2003 9 Jun 2005 8 Dec 2010 3 Apr 2014	M03117 1950 22689	Birth Transfer Transfer Death	BISCUIT	BRONX 93	063526358
2448	F	7 Jun 2003	1571	1626	TAUTPHAUS ATTLEBORO ROCHESTER	7 Jun 2003 12 May 2004 30 Sep 2012 27 Nov 2017	K3M009 104008 105882	Birth Transfer Transfer Death	PRINCESS	IDAHO 4	
2452	M	12 Jun 2003	1974	1851	AUNEAU Z KOBÉ PARK	12 Jun 2003 31 Mar 2006 11 Sep 2016	UU012 100250	Birth Transfer Death	TIAN	AUNEAU 9	250229600010186
2457	F	4 Jul 2002	1844	1725	THOIRY NYIREGYHA	4 Jul 2002 26 Nov 2004 14 Oct 2016	A2148 M00188	Birth Transfer Death	IRBIS	THOIRY 9	0006134378
2458	F	23 Apr 2003	1482	1555	POZNAN AHTARI	23 Apr 2003 8 Dec 2004 20 Jul 2014	MD0526 204020	Birth Transfer Death	SHAKIRA	POZNAN 9	
2467	F	7 May 2003	1988	1926	TALLIN KAUNAS	7 May 2003 9 Apr 2005 4 Mar 2015	14658 CPU043	Birth Transfer Death	ZIBUTE	TALLINN 28	
2476	F	10 Jun 2003	1998	1958	KALININGR	10 Jun 2003 15 Apr 2016	KS2003	Birth Death	ANSU	KALING 3	

2479	M	19 Jun 2003	2110	1853	FONTAINE JIHLAVA USTI	19 Jun 2003 20 Oct 2004 22 Dec 2008 28 Nov 2016	70PU11 004005 UL1011	Birth Transfer Transfer Death	SALWIN	DOUE 7	250229600007018
2485	M	1 Jun 2003	1805	2013	KNOXVILLE HOGLE	1 Jun 2003 11 Apr 2006 9 Jan 2013	2663 U06011	Birth Transfer Death	HIMESH	KNOXV 8	00064CE38A
2488	F	28 Apr 2004	1706	1767	SANTAGO HEADCORN BROXBOURN	28 Apr 2004 26 Jan 2007 5 Sep 2011 14 Dec 2014	M121 WHF025 WHF016	Birth Transfer Transfer Death	MIZI	SANTAGO 6	985120021326155
2490	F	29 Apr 2004	2050	2166	HANSTEDT LA PALMYR	29 Apr 2004 4 Nov 2005 27 Oct 2014	VIKA 4005	Birth Transfer Death	VIKA	NINDORF 6	968000000816816
2494	M	20 May 2004	1989	1852	HUNBSTRND KOLMARDEN	20 May 2004 5 May 2006 23 Dec 2016	204019 9938	Birth Transfer Death	BRAHMA	HUNNEB 16	977200005093367
2498	F	23 May 2004	1921	1907	HELSINKI VALBREMBO	23 May 2004 26 Oct 2005 15 May 2015	204051 LEONEV1	Birth Transfer Death	VIOLA	HKI 102	0001D22F30
2500	F	29 May 2004	2100	2014	BUFFALO	29 May 2004 7 Jun 2014	M04031	Birth Death	ANNAPURNA	BUFFALO 13462A2D1F79	
2508	M	22 Jun 2004	1771	2347	SIOUX FAL BUFFALO	22 Jun 2004 3 Mar 2006 23 Jan 2015	3132 M06003	Birth Transfer Death	DWAINE	SIOUX F 6	063380120
2510	M	22 Apr 2004	1415	1663	ROLLING H GRANBY	22 Apr 2004 8 Dec 2005 11 Apr 2016	240422 M04051	Birth Transfer Death	MAKALU	SALINA 1	0006350946
2549	M	~May 2004~1m	WILD	WILD	ALTAI MNT KAZAN	~Jun 2004~2m 15 Jan 2005 23 Feb 2017	NONE 160010	Capture Transfer Death	TAMERLAN	KAZAN 3	643098100068727
2553	F	5 Jun 2002	1881	1952	EICHBERG EGG	5 Jun 2002 14 Jan 2005 ~ 2013	EICH20 AGRA	Birth Transfer Death	AGRA	EICHBERG 20	
2565	M	9 May 2005	2253	2260	KRAKOW HUNBSTRND	9 May 2005 15 Dec 2006 10 Feb 2017	050714 206073	Birth Transfer Death	IRBIZ	KRAKOW 9	00064F096A
2582	M	3 Sep 2005	1847	1765	MULHOUSE LA PALMYR	3 Sep 2005 12 Dec 2006 6 Oct 2013	M05128 4307	Birth Transfer Death	LINKOU	MULHOU 11	250229600017992
2586	M	15 Aug 2005	1751	1734	MARWELL HANSTEDT	15 Aug 2005 14 Dec 2007 3 Sep 2013	7194 VISHNU	Birth Transfer Death	VISCHNU	MARWELL 28956000000291614	
2589	F	22 May 2005	2173	2201	AGRATE	22 May 2005 19 Jun 2014	1526	Birth Death		NOVARA 17	968000003380554
2601	M	24 May 2005	1601	1819	STONEHAM PITTSBURG CHATTANOOG	24 May 2005 29 Mar 2006 4 Dec 2009 20 Feb 2015	P05029 102073 1902	Birth Transfer Transfer Death	CZAR	BOSTON 6	000676C53B
2610	F	17 Apr 2006	2050	2166	HANSTEDT PARIS JP	17 Apr 2006 27 Mar 2008 8 Sep 2013	NIND8 MA8035	Birth Transfer Death	UNDA	NINDORF 8	968000001194163
2612	F	4 May 2006	1989	2184	DUBLIN LINTON	4 May 2006 10 Apr 2008 30 May 2014	A6M017 462	Birth Transfer Death	LHAMO	DUBLIN 22	96800000231997
2613	F	4 May 2006	1989	2184	DUBLIN NESLES	4 May 2006 5 Aug 2007 19 Jun 2013	A6M018 A07014	Birth Transfer Death	JAMPAL	DUBLIN 23	968000002309584
2614	F	7 Jun 2006	2027	1739	SACRAMNTO NY BRONX CENTRALPK	7 Jun 2006 2 May 2008 18 Mar 2009 5 Sep 2017	101100 M08053 M08053	Birth Transfer Transfer Death	MOLLY	SACRAM 6	0006728414
2615	F	12 Jun 2006	1602	1976	OMAHA SYRACUSE	12 Jun 2006 28 Aug 2008 28 Apr 2016	16380 M08061	Birth Transfer Death	ZENA	OMAHA 30	477650575A
2624	F	7 Jun 2006	1436	2015	NY BRONX BEAUVAL	7 Jun 2006 17 Dec 2008 17 Jan 2014	M06112 M0640	Birth Transfer Death	MISTY	BRONX 102	250228500010044
2633	M	26 Aug 2006	2322	2174	SANTILLAN TABERNAS ALMAYYA	26 Aug 2006 27 Oct 2011 21 Jun 2012 30 Sep 2014	3599 TM0607 TEMUJI	Birth Transfer Transfer Death	TEMUJIN	SANTIL 11	968000004096900

2634	M	28 Jul 2006	2470	2319	BROXBOURN NESLES	28 Jul 2006 7 Dec 2007 14 Aug 2015	M417 A07021	Birth Transfer Death	TIEN SHEN	BROXBORN 1	95600000060070
2645	F	2 May 2006	2110	1853	FONTAINE BASEL ZURICH BASEL	2 May 2006 21 Nov 2008 29 Dec 2009 17 May 2010 25 Dec 2016	70PU14 700021 A90875 700021	Birth Transfer Transfer Transfer Death	MAYHAN	DOUE 10	250229600019961
2673	M	8 May 2007	2253	2260	KRAKOW FONTAINE	8 May 2007 20 Nov 2008 8 Nov 2016	070607 70PU15	Birth Transfer Death	ARAMIS	KRAKOW 10	00064DC1A4
2680	M	6 May 2007	1846	2128	KREFELD BASEL ZURICH BASEL	6 May 2007 8 Jan 2009 29 Dec 2009 17 May 2010 11 Dec 2016	1794 900022 A90874 900022	Birth Transfer Transfer Transfer Death	PATOR	KREFELD 68968000004264349	
2703	F	26 Apr 2008	2593	2574	TREGOMZOO LA PLAINE PONTSCORF	26 Apr 2008 2 Aug 2011 20 Mar 2016 9 Jun 2016	MPAN03 SK0044 100798	Birth Transfer Transfer Death	ALAYA	TREGOMR 2	250229600047299
2711	M	8 May 2008	2493	2575	PLZEN KARLSRUHE	8 May 2008 16 Mar 2010 10 Oct 2016	306805 CA5611	Birth Transfer Death	ASSAM	PLZEN 1	956000001006184
2735	F	20 May 2007	1730	2554	EGG EICHBERG MAGLIASO	20 May 2007 15 Sep 2008 15 Sep 2008 22 Aug 2015	2735 LADY	Birth Transfer Transfer Death	LADY	EGG 4	
2738	M	21 May 2008	1730	2554	EGG ACCUEIL	21 May 2008 30 Sep 2008 17 Feb 2016	RANUA RANUA	Birth Transfer Death	RANUA	EGG 7	75609720002690
2749	F	20 Apr 2009	2322	2174	SANTILLAN ORSA	20 Apr 2009 31 Mar 2011 8 Aug 2017	6077 SL1	Birth Transfer Death	BAATAR	SANTIL 14	981098102223474
2766	neutF	26 May 2009	1800	2101	LOSANGELE ROCHESTER ATTLEBORO	26 May 2009 7 May 2010 1 Oct 2012 18 Feb 2013	991868 105759 112354	Birth Transfer Transfer Death	MONET	LA 29	034886072
2802	F	~ 2001	WILD1	WILD2	KYRGYZSTA NABU/KYRG	~ 2001 3 May 2002 ~ Dec 2015	NONE BAGIRA	Capture Transfer Death	BAGIRA		
2805	F	18 Apr 2009	2804	2802	NABU/KYRG	18 Apr 2009 2 Nov 2014	FIALKA	Birth Death			
2807	M	11 Jul 2009	2804	2803	NABU/KYRG ALMA-ATA	11 Jul 2009 11 Apr 2012 10 Jul 2014	LEADER 1989	Birth Transfer Death	LEADER		
2808	M	11 Jul 2009	2804	2803	NABU/KYRG ALMA-ATA	11 Jul 2009 11 Apr 2012 4 Nov 2014	PIRAT 1988	Birth Transfer Death	PIRAT		
2813	F	1 Jun 2009	2479	2431	USTI DUDLEY	1 Jun 2009 26 Oct 2010 7 Jun 2016	UL1124 3756	Birth Transfer Death	NANGA	USTI 1	967000001309139
2817	F	7 May 2010	2593	2574	TREGOMZOO ALMA-ATA	7 May 2010 7 Jul 2012 15 Oct 2013	MPAN05 2175	Birth Transfer Death	TIAN	TREGOMR 4	250229600052077
2819	M	12 May 2010	2602	2368	OKLAHOMA NY BRONX	12 May 2010 9 Mar 2011 13 Jul 2016	770467 M11017	Birth Transfer Death	SNOWBALL	OKCZ 45	0006C68069
2823	F	16 May 2010	2565	2496	HUNBSTRND HANSTEDT	16 May 2010 23 Sep 2011 24 Apr 2013	210010 TAYGA	Birth Transfer Death	TAYGA	HUNNEB 22	977200007468871
2848	M	10 May 2010	2146	2486	CAPE MAY CHICAGOBR	10 May 2010 19 Oct 2011 6 May 2016	3490 3954	Birth Transfer Death	SABU	CAPEMAY 2	836614796
2857	F	10 Aug 2010	2503	2315	HELSINKI NYIREGYHA	10 Aug 2010 18 Jun 2012 21 Apr 2013	210060 M01112	Birth Transfer Death	CIA	HKI 109	956000001981238
2864	M	2 Jul 2010	2453	2213	COULANGE BEKESBRNE	2 Jul 2010 21 Oct 2011 5 Jul 2013	UU20 H21162	Birth Transfer Death	AKSAI	AMNEV 15	250228500003303
2872	F	3 Sep 2010	2493	2575	PLZEN ALMA-ATA	3 Sep 2010 4 May 2012 6 Sep 2014	306806 1990	Birth Transfer Death	BINAL	PLZEN 5	972000010045714

2911	M	6 Jun 2011	2619	2594	MAGDEBURG ALMA-ATA	6 Jun 2011 28 Oct 2012 3 Jan 2014	324008 2160	Birth Transfer Death		MAGDEB 13	968000005345158
2912	F	6 Jun 2011	2619	2594	MAGDEBURG KAZAN	6 Jun 2011 16 Jan 2013 5 Aug 2017	324009 160540	Birth Transfer Death	THEOPHANU	MAGDEB 14	968000005356237
2926	M	16 May 2011	2495	2278	RAFAEL R MANSBACH RAFAEL R OLMENSE	16 May 2011 20 Oct 2011 1 May 2012 1 Oct 2015 27 May 2016	2926 2926 2926 OZ2577	Birth Transfer Transfer Transfer Death		BERNAU 7	982000142486284
2935	M	22 May 2011	2492	2427	JIHLAVA DARJEELIN	22 May 2011 19 Apr 2014 19 Jul 2014	004012 SICI	Birth Transfer Death		JIH 14	956000001977872
2961	F	4 May 2012	2644	2626	WUPPERTAL NY BRONX	4 May 2012 17 Jul 2014 17 Jul 2014	2012030B M14108	Birth Transfer Death	ARUNA	WUPPER 13	276096909152646
2970	M	29 May 2012	2492	2692	JIHLAVA LA PALMYR	29 May 2012 14 Apr 2014 12 Jul 2014	004015 7368	Birth Transfer Death	NIKKO	JIH 17	
2988	M	4 Jun 2012	2755	2800	KERNHOF AYWAILLE	4 Jun 2012 1 Dec 2013 18 Dec 2013	MORGI MORGI	Birth Transfer Death	MORGI	KERNHOF 1	
2992	M	2 Oct 2012	2601	2154	CHATTANOG	2 Oct 2012 30 Jan 2013	1904	Birth Death	EVEREST	CHATT 5	
3004	F	3 May 2013	2826	2813	DUDLEY	3 May 2013 19 Jul 2013	4125	Birth Death	NIDARA	DUDLEY 3	
3007	?	11 May 2013	2650	2628	TULSA	11 May 2013 11 May 2013	16833	Birth Death		TULSA 12	
3008	M	10 May 2013	2650	2628	TULSA	10 May 2013 21 May 2013	16831	Birth Death		TULSA 13	
3010	F	4 May 2013	2106	2144	CALGARY	4 May 2013 4 May 2013	109060	Birth Death		CLAGARY 11	
3012	M	29 Apr 2013	2593	2574	TREGOMZOO	29 Apr 2013 7 Jun 2013	MPAN07	Birth Death		TREGOMR 5	
3015	M	6 May 2013	2702	2643	JURQUES NIKOLAEV	6 May 2013 10 May 2015 28 Aug 2016	1184 N144	Birth Transfer Death	GASPARD	JURQ 12	2500228700003961
3018	F	4 Apr 2013	2346	2730	TOLEDO	4 Apr 2013 4 Apr 2013	8406	Birth Death		TOLEDO 8	
3019	F	5 Apr 2013	2346	2730	TOLEDO	5 Apr 2013 5 Apr 2013	8451	Birth Death		TOLEDO 9	
3022	F	26 May 2013	2573	2662	PHILADELP	26 May 2013 30 May 2013	105026	Birth Death		PHILA 27	
3023	M	27 May 2013	2565	2496	HUNBSTRND ROSAMOND	27 May 2013 25 Feb 2015 15 Feb 2017	213032 529	Birth Transfer Death	SANJIV	HUNNEBO	25968000010083380
3026	F	31 May 2013	2508	2500	BUFFALO	31 May 2013 3 Jun 2013	M13033	Birth Death		BUFFALO 17	
3027	F	31 May 2013	2508	2500	BUFFALO	31 May 2013 3 Jun 2013	M13034	Birth Death		BUFFALO 18	
3037	F	8 Jul 2013	2865	2878	STUTTGART CAMBRON	8 Jul 2013 18 Mar 2015 1 Sep 2017	9798 10049	Birth Transfer Death	LAILA	STUTTG 23	900200000026965
3041	M	21 Apr 2013	2713	2701	MARWELL	21 Apr 2013 29 Aug 2013	9299	Birth Death	ARIUN	MARWELL	34956000008257550
3043	F	2 Jun 2013	2790	2796	SERVION ROSAMOND	2 Jun 2013 24 Feb 2015 27 Jul 2015	UU020613 528	Birth Transfer Death	THALIA	SERVION 1	756095200173163
3044	F	2 Jun 2013	2790	2796	SERVION	2 Jun 2013 3 Jul 2013	UU02613B	Birth Death		SERVION 2	
3047	F	29 Jul 2001	3045	1940	BEND TANGAN WP NASHV ZOO TANGAN WP TIGHAV TN	29 Jul 2001 18 Aug 2001 9 Sep 2001 8 Nov 2001 6 Nov 2010 11 Oct 2013	DRACILLA A01068 1751 A01068 DRACILLA	Birth Transfer Transfer Transfer Transfer Death	DRACILLA		

3059	M	21 May 2008	3053	3052	TANGAN WP COLUMBUS TANGAN WP ROSAMOND	21 May 2008 15 Jul 2008 20 Jan 2009 20 May 2009 2 Jan 2016	B08084 208035 B08084 448	Birth Transfer Transfer Transfer Death	ZACH	TWP 11	0A01601767
3064	F	21 May 2009	3053	3052	TANGAN WP TIGHAV TN	21 May 2009 10 Dec 2012 1 May 2014	B09089 MAKALU	Birth Transfer Death	SIS	TWP 16	
3066	M	24 May 2010	3055	3054	TANGAN WP COLUMBUS TANGAN WP TIGHAV TN	24 May 2010 3 Jul 2010 1 Oct 2010 10 Dec 2012 18 Nov 2013	B10091 210052 B10091 YETI	Birth Transfer Transfer Transfer Death	MACINTOSH	TWP 18	
3068	F	19 Jul 2010	3058	3056	TANGAN WP COLUMBUS TANGAN WP KALISPELL	19 Jul 2010 3 Oct 2010 ~ Nov 2010 5 Dec 2010 31 Oct 2014	B10093 TESS B10093 BIANCA	Birth Transfer Transfer Transfer Death	BIANCA	TWP 21	
3074	M	3 May 2012	3053	3052	TANGAN WP COLUMBUS TANGAN WP WATERTNSD	3 May 2012 24 May 2012 16 Oct 2012 19 Nov 2012 12 Mar 2015	B12099 212031 B12099 2808	Birth Transfer Transfer Transfer Death	DUGAN	TWP 27	005009529
3075	F	3 May 2012	3053	3052	TANGAN WP COLUMBUS TANGAN WP TIGHAV TN	3 May 2012 24 May 2012 16 Oct 2012 25 Sep 2013 28 Jan 2014	B12100 212032 B12100 KYLIE	Birth Transfer Transfer Transfer Death	KYLIE	TWP 28	
3077	M	13 May 2012	3058	3056	TANGAN WP OROVILLE	13 May 2012 2 Jul 2012 10 Oct 2013	B12103 IPAKANNI	Birth Transfer Death		TWP 30	985121010808614
3091	M	24 Apr 2013	2542	2610	PARIS JP	24 Apr 2013 24 Apr 2013	MB3028	Birth Death		PARIS 8	
3096	F	24 Mar 2004	1881	1952	EICHBERG ALMAYYA	24 Mar 2004 6 Jan 2012 1 Oct 2014	BRUSI	Birth Transfer Death	BRUSI		756098100370722
3097	M	17 May 2013	2567	2599	COLWYNBAY	17 May 2013 15 Jun 2013	3104	Birth Death		COLWYN 3	
3098	F	17 May 2013	2567	2599	COLWYNBAY	17 May 2013 15 Jun 2013	3105	Birth Death		COLWYN 4	
3099	?	17 May 2013	2567	2599	COLWYNBAY	17 May 2013 21 May 2013	3106	Birth Death		COLWYN 5	
3101	M	2 Jan 2013	2598	2678	TALLIN	2 Jan 2013 2 Jan 2013	19090	Birth Death		TALLINN 36	
3102	M	2 Jan 2013	2598	2678	TALLIN	2 Jan 2013 3 Jan 2013	19091	Birth Death		TALLINN 37	
3103	F	2 Jan 2013	2598	2678	TALLIN	2 Jan 2013 3 Jan 2013	190092	Birth Death		TALLINN 38	
3117	?	28 Apr 2014	2567	2599	COLWYNBAY	28 Apr 2014 28 Apr 2014	3597	Birth Death		COLWYN 8	
3130	M	1 Jun 2014	2670	2614	CENTRALPK	1 Jun 2014 2 Jun 2014	C14035	Birth Death		CENTRPK 4	
3131	F	30 May 2014	2494	2845	KOLMARDEN	30 May 2014 1 Jun 2014	12548	Birth Death		KOLMARD 13	
3132	F	30 May 2014	2494	2845	KOLMARDEN	30 May 2014 1 Jun 2014	12549	Birth Death		KOLMARD 14	
3135	M	19 Jul 2014	2711	2778	KARLSRUHE	19 Jul 2014 12 Aug 2014	CA5615	Birth Death		KARLSRUH8	
3136	F	19 Jul 2014	2711	2778	KARLSRUHE	19 Jul 2014 11 Aug 2014	CA5616	Birth Death		KARLSRUH9	
3137	F	19 Jul 2014	2711	2778	KARLSRUHE	19 Jul 2014 11 Aug 2014	CA5617	Birth Death		KARLSRUH10	
3138	M	6 May 2014	2904	2773	OPOLE	6 May 2014 30 Sep 2014	M14020	Birth Death	DEXTER	OPOLE 1	95600002322175
3139	F	6 May 2014	2904	2773	OPOLE	6 May 2014 24 Jun 2014	M14019	Birth Death		OPOLE 2	
3144	M	1 Jun 2014	2156	2223	MILWAUKEE	1 Jun 2014 5 Jun 2015	5856	Birth Death	SOSSY	MIL 42	

3145	F	1 Jun 2014	2156	2223	MILWAUKEE	1 Jun 2014 4 Jun 2014	5857	Birth Death		MIL 43
3147	F	23 Apr 2014	2463	2836	PERM ZOO	23 Apr 2014 26 Apr 2014	6282011	Birth Death		PERM 20
3148	M	18 May 2014	2818	2829	BLOOMINGT	18 May 2014 20 May 2014	M14044	Birth Death		BLOOM 12
3149	M	18 May 2014	2818	2829	BLOOMINGT	18 May 2014 22 May 2014	M14045	Birth Death		BLOOM 13
3150	?	8 Jul 2014	2698	2615	SYRACUSE	8 Jul 2014 8 Jul 2014	M14139	Birth Death		SYRAC 8
3156	?	15 May 2013	2763	2860	LAKELND O	15 May 2013 16 May 2013	309	Birth Death		LAKLND 1
3157	M	25 May 2014	2763	2860	LAKELND O PLOCK	25 May 2014 16 Dec 2015 4 Sep 2017	352 A20552	Birth Transfer Death	LOKI	LAKLND 2 960011000282594
3159	F	2 May 2014	2401	2861	DARJEELIN	2 May 2014 14 Sep 2015	SHINING	Birth Death	SHINING	
3161	M	4 Apr 2015	2698	2615	SYRACUSE	4 Apr 2015 4 Apr 2015	M15034	Birth Death		SYRAC 10
3162	M	5 Apr 2015	2698	2615	SYRACUSE	5 Apr 2015 5 Apr 2015	M15036	Birth Death		SYRAC 11
3163	F	5 Apr 2015	2698	2615	SYRACUSE	5 Apr 2015 5 Apr 2015	M15035	Birth Death		SYRAC 12
3167	F	2 May 2015	2691	2712	LIBEREC	2 May 2015 2 May 2015	610023	Birth Death		LIBEREC 13
3169	F	13 May 2015	2842	2780	WINNIPEG	13 May 2015 13 May 2015	22029	Birth Death		ASSINIB 32
3172	F	20 Apr 2015	2280	2475	MOSCOW	20 Apr 2015 21 Apr 2015	150172	Birth Death		MOSCOW 62
3173	F	20 Apr 2015	2280	2475	MOSCOW	20 Apr 2015 21 Apr 2015	150173	Birth Death		MOSCOW 63
3174	F	20 Apr 2015	2280	2475	MOSCOW	20 Apr 2015 24 Apr 2015	150174	Birth Death		MOSCOW 64
3183	F	20 May 2015	2790	2796	SERVION	20 May 2015 24 Aug 2015	U200515A	Birth Death		SERVION 3
3184	F	20 May 2015	2790	2796	SERVION	20 May 2015 21 Aug 2015	U200515B	Birth Death		SERVION 4
3192	M	30 Apr 2015	2479	2431	USTI	30 Apr 2015 30 Apr 2015	15UL62	Birth Death		USTI 3
3195	M	30 Apr 2015	3053	3052	TANGAN WP TIGHAVENTN	30 Apr 2015 7 Dec 2015 19 Jun 2017	B15252 PRESLEY	Birth Transfer Death	PRESLEY	TWP 50
3196	F	30 Apr 2015	3053	3052	TANGAN WP	30 Apr 2015 13 Jul 2015	B15253	Birth Death		TWP 51
3198	M	5 May 2015	3058	3056	TANGAN WP	5 May 2015 18 Jul 2015	B15255	Birth Death		TWP 53
3199	F	5 May 2015	3058	3056	TANGAN WP	5 May 2015 10 Jul 2015	B15256	Birth Death		TWP 54
3210	F	22 Jun 2015	2888	2976	SO LAKES	22 Jun 2015 3 Oct 2015	UU0003	Birth Death	NATASJA	LAKES 1 956000004726692
3211	?	22 Jun 2015	2888	2976	SO LAKES	22 Jun 2015 2 Oct 2015	UU0004	Birth Death	MISKA	LAKES 2 956000004738466
3214	M	10 May 2015	2598	2991	TALLIN	10 May 2015 19 May 2015	20189	Birth Death		TALLINN 39
3219	?	31 Mar 2015	2997	2982	BUSSOLENG	31 Mar 2015 2 Apr 2015	PUN009	Birth Death		BUSSOL 1
3226	?	25 May 2015	2793	2863	ASAHIKAWA	25 May 2015 26 May 2015	ASAHIK1	Birth Death		ASAHIK 1
3242	?	19 Apr 2016	2793	2863	ASAHIKAWA	19 Apr 2016 23 Apr 2016	ASAHIK2	Birth Death		ASAHIK 2
3244	?	3 May 2016	3084	2772	KISHINEV	3 May 2016 13 May 2016	M16005	Birth Death		KISHINEV 1
3248	?	31 May 2016	2644	2936	DUBLIN	31 May 2016 31 May 2016	A16M38	Birth Death		DUBLIN 27

3249	F	30 Apr 2016	2948	2993	PROVIDNCE	30 Apr 2016 30 Apr 2016	100415	Birth Death		PROVD 3
3251	M	6 Jun 2016	2826	2813	DUDLEY	6 Jun 2016 4 Jul 2016	4573	Birth Death	MILO	DUDLEY 5
3254	M	19 May 2016	3015	3085	NIKOLAEV	19 May 2016 21 Nov 2016	N1435	Birth Death	CHIMGAN	NIKOL 1 804098100065499
3255	M	19 May 2016	3015	3085	NIKOLAEV	19 May 2016 12 Dec 2016	N1436	Birth Death	MURGAB	NIKOL 2 804098100069214
3256	M	19 May 2016	3015	3085	NIKOLAEV	19 May 2016 30 May 2017	N1437	Birth Death	NUAR	NIKOL 3 804098100072319
3257	M	6 Jun 2016	3040	2890	LA TESTE	6 Jun 2016 6 Jun 2016	M16023	Birth Death		ARACHON 1
3258	M	6 Jun 2016	3040	2890	LA TESTE	6 Jun 2016 6 Jun 2016	M16024	Birth Death		ARACHON 2
3260	F	9 Apr 2016	2904	2773	OPOLE	9 Apr 2016 10 Jul 2016	M16022	Birth Death		OPOLE 4
3261	?	6 May 2016	2883	2925	BERLIN TP	6 May 2016 6 May 2016	00080	Birth Death		BERLTP18
3267	M	27 Feb 2017	3040	2890	LA TESTE	27 Feb 2017 27 Feb 2017	M17001	Birth Death		ARACHON 3
3268	M	27 Feb 2017	3040	2890	LA TESTE	27 Feb 2017 28 Feb 2017	M17002	Birth Death		ARACHON 4
3269	F	9 Apr 2016	2904	2773	OPOLE	9 Apr 2016 12 Feb 2017	M16020	Birth Death		OPOLE 5
3272	F	1 May 2017	3142	3155	CALGARY	1 May 2017 3 May 2017	109705	Birth Death		CALGARY 12
3273	M	1 May 2017	3142	3155	CALGARY	1 May 2017 1 May 2017	109718	Birth Death		CALGARY 13
3276	F	10 May 2017	2916	3158	VALBREMBO	10 May 2017 10 May 2017	LENEVC17	Birth Death		VALBREM 3
3280	M	10 May 2017	2858	3086	AGRATE	10 May 2017 11 May 2017	1766	Birth Death		NOVARA 18
3281	M	10 May 2017	2858	3086	AGRATE	10 May 2017 11 May 2017	1765	Birth Death		NOVARA 19
3282	F	10 May 2017	2858	3086	AGRATE	10 May 2017 11 May 2017	1764	Birth Death		NOVARA 20
3284	F	6 May 2017	2966	2960	HANSTEDT	6 May 2017 30 Sep 2017	BINDU	Birth Death	BINDU	NINDORF12 900200000358105
3285	F	6 May 2017	2966	2960	HANSTEDT	6 May 2017 31 Jul 2017	BONA	Birth Death	BONA	NINDORF13 900200000360075
3287	?	24 May 2017	3032	3112	SALZBURG	24 May 2017 27 May 2017	S2413	Birth Death		SALZB 13
3295	M	8 Jun 2017	3024	3111	TOLEDO	8 Jun 2017 9 Aug 2017	12505	Birth Death		TOLEDO 10
3298	M	29 May 2017	2492	2427	JIHlava	29 May 2017 4 Jun 2017	004018	Birth Death		JIH 20
3299	F	9 May 2017	2598	2991	TALLIN	9 May 2017 14 May 2017	21072	Birth Death		TALLINN 41
3302	M	18 May 2017	2439	2901	TORONTO	18 May 2017 15 Jun 2017	49458	Birth Death		TORONTO 22
3305	F	22 Jun 2017	2679	2974	DRESDEN Z	22 Jun 2017 21 Jul 2017	202279	Birth Death		DRESDEN 14
3306	F	9 Jun 2017	3016	3108	MINOT	9 Jun 2017 9 Jun 2017	652	Birth Death		MINOT 1
3315	M	22 Jun 2017	2679	2974	DRESDEN Z	22 Jun 2017 21 Jul 2017	202304	Birth Death		DRESDEN 15
3316	F	22 Jun 2017	2679	2974	DRESDEN Z	22 Jun 2017 21 Jul 2017	202305	Birth Death		DRESDEN 16
3318	F	19 May 2017	2728	3081	CAPE MAY	19 May 2017 2 Oct 2017	3373	Birth Death	ZARA	CAPEMAY 9
3319	F	4 Jun 2017	2572	2956	W ORANGE	4 Jun 2017 4 Jun 2017	2004	Birth Death		ORANGE 2
3320	?	2 Jun 2017	3039	2775	TOKYOTAMA	2 Jun 2017 5 Jun 2017	8633	Birth Death		TAMA 29

3323	?	29 Apr 2017	3084	2772	KISHINEV	29 Apr 2017 6 May 2017	93	Birth Death		KISHINEV 2
3324	?	29 Apr 2017	3084	2772	KISHINEV	29 Apr 2017 29 May 2017	94	Birth Death		KISHINEV 3
3327	M	23 Apr 2017	3035	2756	QUINTASI	23 Apr 2017 23 Apr 2017	3320	Birth Death		AVINTES 3
3328	F	23 Apr 2017	3035	2756	QUINTASI	23 Apr 2017 23 Apr 2017	3321	Birth Death		AVINTES 4
3329	M	23 Apr 2017	3035	2756	QUINTASI	23 Apr 2017 23 Apr 2017	2322	Birth Death		AVINTES 5

TOTALS: 113.136.16 (265)

Compiled by: Leif Blomqvist thru Nordens Ark
Data current thru: 31 Dec. 2017 - International
Printed on 31 Dec 2017 using Sparks v1.65

3.3. Animals lost from the studbook (Ltf) 2013 - 2017. Animals listed according to studbook numbers.

Stud#	Sex	Birth Date	Sire	Dam	Location	Date	LocalID	Event	Name	Breeder#	Transponder
3050	M	21 Jun 2002	1947	1607	TANGAN WP	21 Jun 2002	B02075	Birth	SALEM	TWP 2	
					JCLAYTON	28 Nov 2002	GGMAN	Transfer			
					TANGAN WP	1 Aug 2008	B02075	Transfer			
					MINOT	14 May 2013	580	Transfer			
					TANGAN WP	8 Oct 2013	B02075	Transfer			
TIGHAVEN TN	2 Feb 2015	GEEGEE	ltf								
3080	M	11 May 2013	3058	3056	TANGAN WP	11 May 2013	B13107	Birth		TWP 33	985121911235798
					OROVILLE	9 Jul 2013		ltf			
3094	F	12 Sep 2013	3058	3056	TANGAN WP	12 Sep 2013	B13113	Birth	PEAK	TWP 38	
					COLUMBUS	27 Oct 2013	213127	Transfer			
					TANGAN WP	22 Apr 2014	B13113	Transfer			
					BANDON	24 Jun 2016	PEAK	ltf			
3122	M	8 May 2014	3058	3056	TANGAN WP	8 May 2014	B14117	Birth		TWP 42	
					D ARTHUR	28 Oct 2014	3122	ltf			
3123	M	8 May 2014	3058	3056	TANGAN WP	8 May 2014	B14118	Birth		TWP 43	
					ZWCCRAINI	16 Jun 2014	3123	ltf			
3124	F	8 May 2014	3055	3054	TANGAN WP	8 May 2014	B14119	Birth		TWP 44	
					ZWCCRAINI	16 Jun 2014	3124	ltf			
3126	F	17 May 2014	3063	3062	TANGAN WP	17 May 2014	B14121	Birth		TWP 46	
					OROVILLE	15 Aug 2014	3126	ltf			
3194	M	16 Aug 2014	3053	3052	TANGAN WP	16 Aug 2014	B14287	Birth	PARKER	TWP 49	
					BANDON	24 Jun 2016	PARKER	ltf			
3209	F	6 Sep 2015	3058	3056	TANGAN WP	6 Sep 2015	B15298	Birth	WINNIE	TWP 56	
					COLUMBUS	28 Sep 2015	215095	Transfer			
					TANGAN WP	13 Mar 2016	B15298	Transfer			
					OROVILLE	12 Jul 2016	3209	ltf			
3264	F	9 May 2016	3058	3056	TANGAN WP	9 May 2016	B16417	Birth		TWP 59	
					BANDON	24 Jun 2016	3264	ltf			

TOTALS: 5.5.0 (10)

Compiled by: Leif Blomqvist thru Nordens Ark
Data current thru: 31 Dec 2017 - International
Printed on 31 Dec 2017 using Sparks v1.65

3.4. Transfers 2013 - 2017. Animals listed according to studbook numbers.

Stud#	Sex	Birth Date	Sire	Dam	Location	Date	LocalID	Event	Notch	Name	Breeder#
2102	M	27 May 1998	1604	1743	WELWYN	27 May 1998	CATO	Birth	CATO	WELWYN 1	
					YARMOUTH	22 Apr 2009	265	Transfer			
					WELWYN	13 Nov 2013	CATO	ltf			
2202	M	15 May 2000	1148	1091	HELSINKI	15 May 2000	200048	Birth	RIDDLE	HKI 96	0001E6ECC2
					BUSSOLENG	18 Oct 2005	PUN005	Transfer			
					MAGLIASO	27 Jan 2014	RIDDLE	Transfer			
						23 Mar 2017		Death			
2219	M	20 Jun 2000	1135	1127	MILWAUKEE	20 Jun 2000	4698	Birth	TANKH	MIL 40	00060559AC
					LANSING	3 Feb 2004	2612	Transfer			
					OKLAHOMA	11 Dec 2006	769662	Transfer			
					SOUTHBEND	8 Dec 2008	28250	Transfer			
					BATTLE CR	1 Dec 2011	M11016	Transfer			
					JOHN BALL	2 Nov 2012	303877	Transfer			
					CHATTANOOG	10 Dec 2015	1228	Transfer			
						21 Apr 2017		Death			
2233	M	9 May 2000	1800	1650	SAN FRAN	9 May 2000	100008	Birth	GHURKA	SFCZ 31	0002136B63
					PROVIDNCE	21 May 2008	100256	Transfer			
					CLEVELAND	29 Nov 2011	111119	Transfer			
					SAN FRAN	18 Dec 2014	114045	Transfer			
						1 Mar 2017		Death			
2278	F	28 Apr 2001	1975	1962	PARIS JP	28 Apr 2001	MA1055	Birth	LUNA	PARIS 4	0001E2DE17
					RAFAEL R	8 Dec 2004	LUNA	Transfer			
					MANSBACH	17 Dec 2016	LUNA	Transfer			
2279	F	28 Apr 2001	1975	1962	PARIS JP	28 Apr 2001	MA1056	Birth	KYLIA	PARIS 5	00-01E2-DF93
					RAFAEL R	8 Dec 2004	KYLIA	Transfer			
					MANSBACH	17 Dec 2016	KYLIA	Transfer			
2291	F	29 May 2001	1847	1765	MULHOUSE	29 May 2001	M01053	Birth	SAMARRA	MULHOU 10	000611E10B
					SYDNEY	19 Jun 2003	A30242	Transfer			
					BILLABONG	3 Feb 2015	SAMARRA	Transfer			
2308	F	19 Apr 2001	1459	1328	DUDLEY	19 Apr 2001	2101	Birth	NADAAM	DUDLEY 2	941000014785966
					WARSAW	29 Oct 2003	S5893	Transfer			
					LESNY PK	11 Apr 2016	NADAAM	Transfer			
						25 May 2016		Death			
2404	M	8 Jul 2002	1850	1899	DARJEELIN	8 Jul 2002	35	Birth	SUBASH	DARJ 44	000617C8C5
					KUFRI	23 Dec 2004	SUBASH	Transfer			
					DARJEELIN	30 Mar 2013	35	Transfer			
2439	M	5 Apr 2003	1098	1832	WINNIPEG	5 Apr 2003	D00377	Birth	KOTA	ASSINIB	220006381CB6
					TORONTO	16 Jun 2004	39469	Transfer			
					STEVENSVI	16 May 2012	KOTA	Transfer			
					TORONTO	14 Apr 2014	39469	Transfer			
						5 Oct 2017		Death			
2445	M	25 Jun 2003	1687	1746	MILL MOUN	25 Jun 2003	496	Birth	HARRY	ROANOKE 6	061626302
					DULUTH	7 Dec 2005	100282	Transfer			
					STONEHAM	7 Feb 2013	A13002	Transfer			
2463	M	25 Apr 2003	2094	2039	MUNICH	25 Apr 2003	051012	Birth	DRAGON	MUNCHEN	209680811431
					CHELYABIN	22 Jun 2005	DRAGON	Transfer			
					PERM ZOO	19 Dec 2005	62820M5	Transfer			
					CHELYABIN	14 Oct 2014	DRAGON	Transfer			
					ROEVRUCHI	15 Oct 2014	136	Transfer			
2464	F	25 Apr 2003	2094	2039	MUNICH	25 Apr 2003	051013	Birth	SERENA	MUNCHEN	219681191513
					DRESDEN Z	27 May 2004	196865	Transfer			
					BOGOR	17 Jan 2014	SERENA	Transfer			
2483	F	4 May 2003	2178	1463	TOKYOTAMA	4 May 2003	4164	Birth	MEW	TAMA 12	
					KOBE PARK	23 Feb 2004	MEW	Transfer			
					NAGOYA	29 Feb 2012	11390	Transfer			
					YUKI	6 Mar 2017	KOFU1	Transfer			
2509	M	22 Jun 2004	1771	2347	SIoux FAL	22 Jun 2004	3133	Birth	LEI	SIoux F 7	063517625
					ST PAUL	12 Oct 2012	3715	Transfer			
					ST LOUIS	10 Dec 2015	119405	Transfer			
2511	F	22 Apr 2004	1415	1663	ROLLING H	22 Apr 2004	240423	Birth	KUMARI	SALINA 2	0006352745
					RACINE	21 Feb 2006	M0605	Transfer			
					MINOT	5 Mar 2008	517	Transfer			
					ST PAUL	14 Nov 2008	3352	Transfer			
					BISMARCK	19 Oct 2015	3077	Transfer			
					ROLLING H	7 Mar 2017	240423	Transfer			
2526	M	12 Oct 2003	1325	1791	MOGO	12 Oct 2003	A30020	Birth	KHUMBU	MOGO 3	982001900713004
					BILLABONG	14 Nov 2011	KHUMBU	Transfer			
					SYDNEY	15 May 2012	B20133	Transfer			
					BILLABONG	3 Feb 2015	KHUMBU	Transfer			

2542	neutM	12 Sep 2004	2173	2201	AGRATE PARIS JP NESLES	12 Sep 2004 5 Jul 2007 9 Sep 2015	1498 MA7104 A15042	Birth Transfer Transfer	KARU	NOVARA 13	00012ADB5
2554	F	2 May 2004	1730	1882	EGG KERNHOF OZVALD S MALKIA PK	2 May 2004 27 Dec 2013 7 Aug 2014 4 Jun 2016	HIMA HIMA HIMA HIMA	Birth Transfer Transfer Transfer	HIMA	EGG 2	
2564	M	9 May 2005	2253	2260	KRAKOW WARSAW LESNY PK	9 May 2005 21 Sep 2006 11 Apr 2016	050713 S6140 KRAKUS	Birth Transfer Transfer	KRAKUS	KRAKOW 8	941000014785811
2573	M	28 May 2005	1488	2349	DENVER PHILADELP CLEVELAND	28 May 2005 18 Apr 2006 15 Oct 2015	A05194 104409 151008	Birth Transfer Transfer	AMGA	DENVER 17	4558713910
2588	F	22 May 2005	2173	2201	AGRATE AUVERGNE BUIN ZOO	22 May 2005 17 Oct 2006 6 Feb 2016	1525 1525 JANA	Birth Transfer Transfer	JANA	NOVARA 16	968000003103743
2592	neutM	3 May 2005	1846	2128	KREFELD THOIRY LA TESTE	3 May 2005 24 Nov 2006 28 Nov 2014	1621 A6173 SL1214	Birth Transfer Transfer	MERLIN	KREFELD	64968000000808071
2602	M	24 May 2005	1601	1819	STONEHAM SOUTHBEND OKLAHOMA SEATTLE	24 May 2005 27 Feb 2007 8 Dec 2008 21 May 2014	P05030 27008 770365 205125	Birth Transfer Transfer Transfer	DIRIN	BOSTON 7	000676BCFE
2609	neutF	17 Apr 2006	2050	2166	HANSTEDT PONTSCORF MAGLIASO	17 Apr 2006 8 Jul 2010 29 Feb 2016	NIND7 100541 KIERA	Birth Transfer Transfer	KIERA	NINDORF 7	96800000814016
2616	M	13 Jun 2006	1602	1976	OMAHA NY BRONX CENTRALPK SIOUX FAL ST PAUL JOHN BALL	13 Jun 2006 1 Oct 2008 2 Apr 2009 14 Nov 2012 29 Oct 2015 3 Aug 2017	16383 M08131 M08131 4497 4060 334402	Birth Transfer Transfer Transfer Transfer Transfer	BO	OMAHA 31	4731292406
2625	F	13 May 2006	1464	1741	LYMPNE BRASOVZOO	13 May 2006 26 Sep 2016	P20633 1	Birth Transfer	BLIZZARD	BEKESBR	49960011000712959
2627	M	10 May 2006	2232	2222	MANHATTAN NY BRONX PLANCKNDL PONTSCORF	10 May 2006 6 Nov 2008 18 Dec 2008 19 Apr 2017	200609 M08158 236005 100847	Birth Transfer Transfer Transfer	KEDAR	MANHAT 4	000633B3E5
2644	M	2 May 2006	2110	1853	FONTAINE WUPPERTAL DUBLIN	2 May 2006 19 Dec 2007 23 Mar 2013	70PU13 207068 A13M12	Birth Transfer Transfer	QIEMO	DOUE 9	250229600022256
2659	M	25 May 2006	1800	2101	LOSANGELE SEATTLE OKLAHOMA	25 May 2006 20 Dec 2007 17 Jun 2014	991206 202614 770568	Birth Transfer Transfer	TOM	LA 26	0006DDAFB
2670	M	24 Apr 2007	2127	1963	BERLIN TP NY BRONX CENTRALPK SIOUX FAL	24 Apr 2007 25 Nov 2008 9 Nov 2012 29 Oct 2015	M03225 M08161 M08161 4737	Birth Transfer Transfer Transfer	ASKAI	BERLTP 13	968000004656109
2674	M	8 May 2007	2253	2260	KRAKOW AUVERGNE BUIN ZOO	8 May 2007 20 Nov 2008 6 Feb 2016	070608 070608 KOCHI	Birth Transfer Transfer	KOCHI	KRAKOW 11	00064DCC58
2678	F	5 May 2007	2453	2213	COULANGE TALLIN JONUSU	5 May 2007 4 Mar 2009 19 Dec 2016	UU16 17296 MAHNADI	Birth Transfer Transfer	MAHNADI	AMNEV 11	250229600043976
2689	M	6 Jun 2007	2479	2427	JIHLAVA LYMPNE BRASOVZOO	6 Jun 2007 25 Jun 2008 26 Sep 2016	004006 E20872 2	Birth Transfer Transfer	JAMMU	JIH 9	203096100105216
2699	F	19 May 2008	2219	2368	OKLAHOMA MINOT BISMARCK SIOUX FAL BISMARCK ST LOUIS	19 May 2008 15 Apr 2009 9 Dec 2010 27 May 2011 27 Jun 2011 3 Nov 2015	770263 527 2671 4267 2671 118013	Birth Transfer Transfer Transfer Transfer Transfer	PUJII	OKCZ 43	0006CB9713
2703	F	26 Apr 2008	2593	2574	TREGOMZOO LA PLAINE PONTSCORF	26 Apr 2008 2 Aug 2011 20 Mar 2016 9 Jun 2016	MPAN03 SK0044 100798	Birth Transfer Transfer Death	ALAYA	TREGOMR 2	250229600047299
2728	M	29 Jun 2008	1488	2349	DENVER NY BRONX CAPE MAY	29 Jun 2008 12 Nov 2009 2 Jun 2015	A08202 M09152 3700	Birth Transfer Transfer	BATAAR	DENVER 19	48326C4D33
2729	F	29 Jun 2008	1488	2349	DENVER COLO SPRG HOGLE	29 Jun 2008 29 Jul 2009 14 Nov 2013	A08205 29M049 U13012	Birth Transfer Transfer	KISA	DENVER 20	4737716971

2730	F	29 Jun 2008	1488	2349	DENVER TOLEDO OKLAHOMA	29 Jun 2008 3 Nov 2009 14 Dec 2016	A08206 6474 770669	Birth Transfer Transfer	MILENKA	DENVER 21	48367B7E16
2751	F	7 May 2009	2350	2363	RIO GRAND NY BRONX CLEVELAND	7 May 2009 18 Feb 2010 2 Dec 2014	M09017 M10019 141201	Birth Transfer Transfer	SOMBRA	ALBUQ 8	00046D5A08
2771	neutM	14 Apr 2009	2253	2260	KRAKOW VESZPREM BUCURESTI	14 Apr 2009 8 Dec 2010 24 Oct 2015	090603 113001 ZBM020-1	Birth Transfer Transfer	VALDI	KRAKOW 13	0006B79A70
2861	F	6 May 2010	2469	2274	LEIPZIG LODZ DARJEELIN	6 May 2010 1 Jun 2012 6 Oct 2013	M09488 11187 SL002	Birth Transfer Transfer	ZIMA	LEPZIG 11	968000005542846
2862	F	6 May 2010	2469	2274	LEIPZIG LODZ DARJEELIN	6 May 2010 1 Jun 2012 6 Oct 2013	M09489 11188 SL003	Birth Transfer Transfer	LAVANI	LEIPZIG 12	96800000005545293
2867	F	4 Oct 2010	2578	2562	TAUTPHAUS CHICAGOBR RIO GRAND	4 Oct 2010 13 Oct 2011 5 Dec 2017	KXM033 3955 M17019	Birth Transfer Transfer	SARANI	IDAHO 10	047117811
2886	M	25 May 2011	2671	2624	BEAUVAL KAUNAS	25 May 2011 2 May 2013	M0941 CPU047	Birth Transfer	DOKO	BEAUVAL 10	10250228700001387
2890	F	7 May 2011	2564	2308	WARSAW BORYSEW LA TESTE	7 May 2011 10 Oct 2012 17 May 2013	S6759 FALA 94100001	Birth Transfer Transfer	FALA	WARSAW 9	941000012396794
2899	F	1 May 2011	2561	2429	SAPPORO NAGOYA	1 May 2011 31 Mar 2016	100719 LIEN	Birth Transfer	LIEN	SAPPORO 13	
2900	M	25 May 2011	2178	2168	TOKYOTAMA ISHIKAWA	25 May 2011 8 Mar 2013	6561 SUKAI	Birth Transfer	SUKAI	TAMA 26	0006C986C8
2901	F	25 May 2011	2178	2168	TOKYOTAMA TORONTO	25 May 2011 5 Oct 2015	6562 48513	Birth Transfer	ENA	TAMA 27	0006D59C80
2903	M	22 Apr 2011	2680	2645	BASEL MOSCOW	22 Apr 2011 3 Apr 2013	110023 130051	Birth Transfer	IRTYSCH	BASEL 57	981098102666069
2905	M	22 Apr 2011	2680	2645	BASEL NOVOSIBRK	22 Apr 2011 4 Apr 2013	110025 066057	Birth Transfer	ISCHIM	BASEL 59	981098102670033
2906	M	27 Apr 2011	2280	2475	MOSCOW HEADCORN	27 Apr 2011 26 Jun 2013	110187 WHF095	Birth Transfer	YARKO	MOSCOW 56	972270000024819
2909	M	9 Jun 2011	2573	2662	PHILADELP MANHATTAN LOUISVILL	9 Jun 2011 17 May 2012 28 Mar 2013	104842 201204 103292	Birth Transfer Transfer	KIMTI	PHILA 11	0006FD2390
2912	F	6 Jun 2011	2619	2594	MAGDEBURG KAZAN	6 Jun 2011 16 Jan 2013 5 Aug 2017	324009 160540	Birth Transfer Death	THEOPHANU	MAGDEB 14	968000005356237
2914	M	21 Jul 2011	2350	2363	RIO GRAND DULUTH	21 Jul 2011 7 Feb 2013	M11014 100389	Birth Transfer	KIRAN	ALBUQ 12	0006FCC3BC
2915	M	21 Jul 2011	2350	2363	RIO GRAND GARDENCTY	21 Jul 2011 6 Apr 2013	M11015 113007	Birth Transfer	KALMALI	ALBUQ 13	0006FCD9
2919	F	2 May 2011	2277	2318	SALZBURG LE VIGEN	2 May 2011 8 Jan 2013	S1338 MF1107	Birth Transfer	AKUNA	SALZB 8	982000161010273
2920	F	2 May 2011	2277	2318	SALZBURG LE VIGEN	2 May 2011 8 Jan 2013	S1337 MF1106	Birth Transfer	SCHNUFFI	SALZB 9	982000161012735
2923	F	7 Aug 2011	2510	2579	GRANBY WAHPETON	7 Aug 2011 22 May 2013	M11010 201328	Birth Transfer	FRIMAS	GRANBY 15	151448090A
2926	M	16 May 2011	2495	2278	RAFAEL R MANSBACH RAFAEL R OLMENSE	16 May 2011 20 Oct 2011 1 May 2012 1 Oct 2015 27 May 2016	2926 2926 2926 OZ2577	Birth Transfer Transfer Transfer Death		BERNAU 7	982000142486284
2927	F	16 May 2011	2495	2278	RAFAEL R MANSBACH RAFAEL R OLMENSE	16 May 2011 20 Oct 2011 1 May 2012 1 Oct 2015	2927 2927 2927 OZ2578	Birth Transfer Transfer Transfer		BERNAU 8	460011000225522
2931	M	7 May 2011	2479	2431	USTI BROXBOURN	7 May 2011 7 Feb 2013	UL1701 M788	Birth Transfer	PANJA	USTI 2	967000002072634
2935	M	22 May 2011	2492	2427	JIHLAVA DARJEELIN	22 May 2011 19 Apr 2014 19 Jul 2014	004012 SICI	Birth Transfer Death		JIH 14	956000001977872
2936	F	20 May 2011	2492	2427	JIHLAVA DUBLIN	20 May 2011 23 Mar 2013	004013 A13M13	Birth Transfer	TASHI	JIH 15	956000001982234
2937	F	27 Apr 2011	2253	2260	KRAKOW THOIRY	27 Apr 2011 21 Aug 2014	110608 B4166	Birth Transfer	HIMA	KRAKOW 16	956000002095918

2944	neutM	23 Apr 2012	2598	2678	TALLIN KISHINEV LAMONGAN BATUSECRE	23 Apr 2012 15 Dec 2013 22 May 2016 22 May 2016	18679 M12044 MSNOW1 M0607	Birth Transfer Transfer Transfer	ORLANDO	TALLINN 33981100002722345
2946	F	24 Apr 2012	2598	2678	TALLIN JONUSU	24 Apr 2012 19 Dec 2016	18681 MILEEDI	Birth Transfer	MILEEDI	TALLINN 35
2947	M	14 May 2012	2437	2714	AKRON BATTLE CR	14 May 2012 5 Mar 2013	101039 M12032	Birth Transfer	RAJ	AKRON 1 074005256
2948	M	14 May 2012	2437	2714	AKRON PROVIDNCE	14 May 2012 19 Mar 2013	101040 100329	Birth Transfer	SABU	AKRON 2 074018555
2950	F	2 May 2012	2659	2563	SEATTLE BIG BEAR	2 May 2012 23 Jun 2014	204107 2950	Birth Transfer		SEATTLE 340006F0F57F
2951	F	2 May 2012	2659	2563	SEATTLE LOSANGELE BIG BEAR	2 May 2012 4 Jun 2012 23 Jun 2014	204110 992837 2951	Birth Transfer Transfer		SEATTLE 350006EE1B85
2958	M	14 Jun 2012	2698	2615	SYRACUSE LOSANGELE	14 Jun 2012 30 Sep 2014	M12066 993444	Birth Transfer	BAJEN	SYRAC 6
2959	M	14 Jun 2012	2698	2615	SYRACUSE SANDIEGOZ	14 Jun 2012 21 Oct 2014	M12067 514179	Birth Transfer	RAMIL	SYRAC 7
2960	F	4 May 2012	2644	2626	WUPPERTAL HANSTEDT	4 May 2012 23 Oct 2013	2012030A AZIZA	Birth Transfer	AZIZA	WUPPER 12 276096909136809
2961	F	4 May 2012	2644	2626	WUPPERTAL NY BRONX	4 May 2012 17 Jul 2014 17 Jul 2014	2012030B M14108	Birth Transfer Death	ARUNA	WUPPER 13 276096909152646
2963	M	30 May 2012	2295	2289	SZEGED BOISSIERE	30 May 2012 16 Apr 2014	3043 FPU002	Birth Transfer	TENZING	SZEGED 7 900088000540521
2964	M	30 May 2012	2295	2289	SZEGED NEUNKIRCH	30 May 2012 12 Aug 2013	3044 UU20121	Birth Transfer	SAGAR	SZEGED 8 900088000540169
2965	F	30 May 2012	2295	2289	SZEGED FONTAINE	30 May 2012 22 Jan 2014	3045 7OPU16	Birth Transfer	BORTE	SZEGED 9 900088000540777
2966	M	9 Jun 2012	2711	2778	KARLSRUHE HANSTEDT	9 Jun 2012 22 Oct 2013	CA5613 ANAN	Birth Transfer	ANAN	KARLSRUH6 982000168849551
2967	F	9 Jun 2012	2711	2778	KARLSRUHE NESLES	9 Jun 2012 18 Oct 2013	CA5614 A13014	Birth Transfer	ATHOWA	KARLSRUH7 982000168853444
2969	M	29 May 2012	2492	2692	JIHLAVA PERM ZOO	29 May 2012 22 Aug 2014	004014 62820M6	Birth Transfer	SNEZHEK	JIH 16 956000001983475
2970	M	29 May 2012	2492	2692	JIHLAVA LA PALMYR	29 May 2012 14 Apr 2014 12 Jul 2014	004015 7368	Birth Transfer Death	NIKKO	JIH 17
2971	F	29 May 2012	2492	2692	JIHLAVA BOISSIERE	29 May 2012 16 Apr 2014	004016 FPU001	Birth Transfer	BELLA	JIH 18 956000001991966
2974	F	21 Apr 2012	2566	2430	NURNBERG DRESDEN Z	21 Apr 2012 29 Jan 2014	M03407 201275	Birth Transfer	ISTARI	NRNBRG 4 968000005455974
2975	F	21 Apr 2012	2566	2430	NURNBERG NY BRONX	21 Apr 2012 13 May 2014	M03408 M14050	Birth Transfer	JATA	NRNERG 5 968000005545403
2976	F	23 Jun 2012	2503	2315	HELSINKI SO LAKES	23 Jun 2012 22 Oct 2013	212044 UU0002	Birth Transfer	KADI	HKI 111 956000008413979
2977	F	23 Jun 2012	2503	2315	HELSINKI NEUNKIRCH	23 Jun 2012 16 Oct 2013	212045 UU20122	Birth Transfer	LUIISA	HKI 112 956000008385786
2978	F	23 Jun 2012	2503	2315	HELSINKI PARIS JP	23 Jun 2012 19 Nov 2013	212046 MB3211	Birth Transfer	ESHA	HKI 113 956000008386122
2979	M	3 May 2012	2281	2458	AHTARI WUPPERTAL	3 May 2012 30 Jun 2014	212005 M14044	Birth Transfer	IRBIS	AHTARI 5 985170002281501
2980	M	3 May 2012	2281	2458	AHTARI CAMBRON	3 May 2012 26 May 2014	212006 9850	Birth Transfer	JETI	AHTARI 6 985170002311622
2981	M	29 May 2012	2777	2776	KOLN BEKESBRNE	29 May 2012 17 Oct 2013	4536 H21287	Birth Transfer	NURI	KOLN 12 900200000020502
2982	F	29 May 2012	2777	2776	KOLN BUSSOLENG	29 May 2012 21 Feb 2014	4537 PUN008	Birth Transfer	SAMIRA	KOLN 13 900200000026717
2988	M	4 Jun 2012	2755	2800	KERNHOF AYWAILLE	4 Jun 2012 1 Dec 2013 18 Dec 2013	MORGI MORGI	Birth Transfer Death	MORGI	KERNHOF 1
2989	F	4 Jun 2012	2755	2800	KERNHOF ALMAYYA	4 Jun 2012 1 Nov 2013	NATASCHA PU003	Birth Transfer	NATASHA	KERNHOF 2
2990	M	4 Jun 2012	2564	2308	WARSAW ASSON	4 Jun 2012 2 May 2014	S6888 4347	Birth Transfer	DALAJ	WARSAW 12 941000012396896

2991	F	4 Jun 2012	2564	2308	WARSAW TALLIN	4 Jun 2012 1 Apr 2014	S6889 19502	Birth Transfer	DELI	WARSAW 13	941000012397322
2993	F	2 Oct 2012	2601	2154	CHATTANO PROVIDNCE	2 Oct 2012 3 Jun 2014	1905 100353	Birth Transfer	MALIHA	CHATT 6	985121009586
2996	M	28 Apr 2012	2466	2265	ZURICH YARMOUTH	28 Apr 2012 14 Nov 2013	B20085 29705733	Birth Transfer	MOHAN	ZURICH 56	000708D198
2997	M	2 Jun 2012	2627	2653	PLANCKNDL BUSSOLENG	2 Jun 2012 7 Feb 2014	236008 PUN007	Birth Transfer	NUDAN	PLANCKEN2	
2998	F	2 Jun 2012	2627	2653	PLANCKNDL YARMOUTH	2 Jun 2012 13 Nov 2013	236009 29705736	Birth Transfer	NIMA	PLANCKEN3	981100002795601
2999	M	26 Apr 2012	2453	2213	COULANGE LA PALMYR	26 Apr 2012 27 Jan 2015	UU23 7565	Birth Transfer	LOHLAN	AMNEV 18	250228500009628
3000	M	26 Apr 2012	2453	2213	COULANGE LA PALMYR	26 Apr 2012 27 Jan 2015	UU24 7566	Birth Transfer	DARKAN	AMNEV 19	250228500009662
3003	F	15 Jun 2012	2082	2440	ST PETERS ALMAYYA	15 Jun 2012 13 Mar 2014	MX4423 PU004	Birth Transfer	NANDI	LENING 17	643094100059545
3005	F	3 May 2013	2350	2363	RIO GRAND COAL VAL	3 May 2013 24 Jan 2014	M13008 M2317	Birth Transfer	KIRA	ALBUQ 14	
3006	F	3 May 2013	2350	2363	RIO GRAND LODI	3 May 2013 31 Dec 2013	M13007 M14001	Birth Transfer	TRINI	ALBUQ 15	0006FCC4CB
3009	M	10 May 2013	2650	2628	TULSA COAL VAL	10 May 2013 24 May 2014	16832 M2328	Birth Transfer	NIKO	TULSA 14	009809815
3011	F	13 May 2013	2764	2349	DENVER SACRAMNTO	13 May 2013 17 Apr 2014	A13085 101203	Birth Transfer	MISHA	DENVER 22	985111000311342
3013	M	29 Apr 2013	2593	2574	TREGOMZOO PONTSCORF TREGOMZOO ST PAUL	29 Apr 2013 27 Jun 2016 30 Nov 2016 15 Dec 2016	MPAN08 100806 MPAN08 4289	Birth Transfer Transfer Transfer	MOUTIG	TREGOMR 6	250229600061428
3015	M	6 May 2013	2702	2643	JURQUES NIKOLAEV	6 May 2013 10 May 2015 28 Aug 2016	1184 N144	Birth Transfer Death	GASPARD	JURQ 12	2500228700003961
3016	M	23 May 2013	2651	2760	BOISE MINOT	23 May 2013 19 Mar 2014	213032 600	Birth Transfer	MARTY	BOISE 1	000714EC45
3017	F	23 May 2013	2651	2760	BOISE BINGHAMTO BUFFALO BISMARCK	23 May 2013 16 Apr 2014 4 Dec 2014 4 Apr 2017	213033 14014 M14036 3152	Birth Transfer Transfer Transfer	GRACE	BOISE 2	000714DEDA
3020	M	26 May 2013	2573	2662	PHILADELP CHICAGOBR	26 May 2013 14 Nov 2017	105024 80406	Birth Transfer	BUCK	PHILA 25	0007537153
3021	F	26 May 2013	2573	2662	PHILADELP LINCOLN C	26 May 2013 13 Jan 2015	105025 1720	Birth Transfer	RANNEY	PHILA 26	000753EB74
3023	M	27 May 2013	2565	2496	HUNBSTRND ROSAMOND	27 May 2013 25 Feb 2015 15 Feb 2017	213032 529	Birth Transfer Death	SANJIV	HUNNEBO	25968000010083380
3024	M	27 May 2013	2565	2496	HUNBSTRND TOLEDO	27 May 2013 6 Apr 2016	213033 11538	Birth Transfer	SHISHIR	HUNNEBO	26968000010082822
3025	F	27 May 2013	2565	2496	HUNBSTRND AHTARI	27 May 2013 22 Aug 2015	213034 215059	Birth Transfer	SHYLA	HUNNEBO	25968000010082730
3028	M	29 Apr 2013	2280	2475	MOSCOW VESZPREM	29 Apr 2013 19 Oct 2015	130075 113003	Birth Transfer		MOSCOW 59	972270000030898
3029	F	29 Apr 2013	2280	2475	MOSCOW BEAUVAL	29 Apr 2013 29 Apr 2014	130076 M01572	Birth Transfer		MOSCOW 60	972270000030379
3030	F	29 Apr 2013	2280	2475	MOSCOW AHTARI KAUNAS	29 Apr 2013 21 Oct 2014 14 Aug 2015	130077 214072 CPU048	Birth Transfer Transfer	VENLA	MOSCOW 61	977200000026132
3031	M	13 Jun 2013	2848	2867	CHICAGOBR LINCOLN C	13 Jun 2013 21 Oct 2014	4591 1717	Birth Transfer	EVEREST	BROOKF 19	008776287
3032	M	1 May 2013	2740	2709	TWYXCROSS SALZBURG	1 May 2013 8 Oct 2015	6700 S2151	Birth Transfer	SAYAN	TWYXCROSS	3956000001535219
3033	M	1 May 2013	2740	2709	TWYXCROSS THOIRY	1 May 2013 15 Dec 2014	6701 B4276	Birth Transfer	HARI	TWYXCROSS	4956000001537193
3034	F	8 Jun 2013	2510	2579	GRANBY VALLEYZOO	8 Jun 2013 15 Oct 2014	M13020 101411	Birth Transfer	INDIRA	GRANBY 17	151451064A
3035	M	8 Jul 2013	2865	2878	STUTTART QUINTASI	8 Jul 2013 10 Mar 2015	9796 3100	Birth Transfer	KAMAL	STUTTGT 21	276097209040722

3036	M	8 Jul 2013	2865	2878	STUTTGART ROSAMOND	8 Jul 2013 4 Mar 2015	9797 560	Birth Transfer	KARIM	STUTTG 22	900200000020745
3037	F	8 Jul 2013	2865	2878	STUTTGART CAMBRON	8 Jul 2013 18 Mar 2015 1 Sep 2017	9798 10049	Birth Transfer Death	LAILA	STUTTG 23	900200000026965
3038	M	29 Jun 2013	2842	2780	WINNIPEG COLUMBUS SAN FRAN	29 Jun 2013 20 Sep 2017 14 Nov 2017	P00117 217063 117026	Birth Transfer Transfer	RAJ	ASSINIB	30000702370F
3039	M	29 Jun 2013	2842	2780	WINNIPEG TOKYOTAMA	29 Jun 2013 17 Dec 2015	P00118 8163	Birth Transfer	KOVO	ASSINIB	310007023A84
3040	M	21 Apr 2013	2713	2701	MARWELL LA TESTE	21 Apr 2013 25 Mar 2015	9298 UU0315	Birth Transfer	AJENDRA	MARWELL	33956000008238736
3042	F	21 Apr 2013	2713	2701	MARWELL KINGUSSIE	21 Apr 2013 22 Jul 2015	9300 5908	Birth Transfer	ANIMESH	MARWELL	35956000008271486
3043	F	2 Jun 2013	2790	2796	SERVION ROSAMOND	2 Jun 2013 24 Feb 2015 27 Jul 2015	UU020613 528	Birth Transfer Death	THALIA	SERVION 1	756095200173163
3050	M	21 Jun 2002	1947	1607	TANGAN WP JCLAYTON TANGAN WP MINOT TANGAN WP TIGER HAV	21 Jun 2002 28 Nov 2002 1 Aug 2008 14 May 2013 8 Oct 2013 2 Feb 2015	B02075 GGMAN B02075 580 B02075 SALEM	Birth Transfer Transfer Transfer Transfer lft	SALEM	TWP 2	
3054	F	16 Jun 2006	1620	1834	TANGAN WP CLAWSPAWS	16 Jun 2006 15 Sep 2015	B06079 ANGEL	Birth Transfer	ANGEL	TWP 6	
3055	M	11 Jul 2006	3046	1607	TANGAN WP NASHV ZOO TANGAN WP CLAWSPAWS	11 Jul 2006 5 Oct 2006 15 Dec 2006 15 Sep 2015	B06080 2602 B06080 MAX	Birth Transfer Transfer Transfer	MAX	TWP 7	
3075	F	3 May 2012	3053	3052	TANGAN WP COLUMBUS TANGAN WP TIGER HAV	3 May 2012 24 May 2012 16 Oct 2012 25 Sep 2013	B12100 212032 B12100 KYLIE	Birth Transfer Transfer lft	KYLIE	TWP 28	
3078	M	29 Apr 2013	3053	3052	TANGAN WP COLUMBUS TANGAN WP METRORICH	29 Apr 2013 29 May 2013 27 Oct 2013 11 Sep 2014	B13105 213044 B13105 114019	Birth Transfer Transfer Transfer	NITRO	TWP 31	
3079	F	29 Apr 2013	3053	3052	TANGAN WP SAN DIEGOZ	29 Apr 2013 16 Aug 2014	B13106 514152	Birth Transfer	PENNY	TWP 32	
3080	M	11 May 2013	3058	3056	TANGAN WP OROVILLE	11 May 2013 9 Jul 2013	B13107	Birth lft		TWP 33	985121911235798
3081	F	11 May 2013	3058	3056	TANGAN WP COLUMBUS TANGAN WP CAPE MAY	11 May 2013 29 May 2013 27 Oct 2013 3 May 2016	B13108 213045 B13108 3735	Birth Transfer Transfer Transfer	TYSA	TWP 34	
3082	M	22 May 2013	3063	3062	TANGAN WP DUNLAP	22 May 2013 12 Jun 2013	B13109 ROD	Birth Transfer	ROD	TWP 35	
3083	F	22 May 2013	3063	3062	TANGAN WP CHATTANOG	22 May 2013 3 Feb 2015	B13110 1179	Birth Transfer	CALLIE	TWP 36	0A01601508
3084	M	29 Apr 2013	2277	2318	SALZBURG KISHINEV	29 Apr 2013 2 Nov 2014	S1775 M13050	Birth Transfer	SANGPO	SALZB 10	900200000071825
3085	F	29 Apr 2013	2277	2318	SALZBURG NIKOLAEV	29 Apr 2013 10 May 2015	S1776 N143	Birth Transfer	TASHI	SALZB 11	900200000071527
3086	F	29 Apr 2013	2277	2318	SALZBURG AGRATE	29 Apr 2013 9 Apr 2015	S1777 1728	Birth Transfer	LOTTI	SALZB 12	900200000069343
3088	M	19 Jul 2013	2750	2843	MEMPHIS CHICAGOLP	19 Jul 2013 2 Nov 2014	13M019 23468	Birth Transfer	TAZA	MEMPHIS	1800074F94E4
3093	F	12 Sep 2013	3058	3056	TANGAN WP COLUMBUS TANGAN WP METRORICH	12 Sep 2013 27 Oct 2013 22 Apr 2014 11 Sep 2014	B13112 213126 B13112 114020	Birth Transfer Transfer Transfer	ELSA	TWP 37	
3094	F	12 Sep 2013	3058	3056	TANGAN WP COLUMBUS TANGAN WP BANDON	12 Sep 2013 27 Oct 2013 22 Apr 2014 24 Jun 2016	B13113 213127 B13113 PEAK	Birth Transfer Transfer lft	PEAK	TWP 38	
3095	F	12 Sep 2013	3058	3056	TANGAN WP ZOO IMPRT	12 Sep 2013 31 Oct 2013	B13114 3095	Birth Transfer		TWP 39	
3100	M	13 Jun 2013	2859	2827	KREFELD KINGUSSIE	13 Jun 2013 8 Apr 2015	2156 5837	Birth Transfer	CHAN	KREFELD	71900200000033970

3107	M	20 Apr 2013	2146	2486	CAPE MAY BINGHAMTO	20 Apr 2013 16 Apr 2014	3621 14015	Birth Transfer	TUSHAR	CAPEMAY6	0007264996
3108	F	20 Apr 2013	2146	2486	CAPE MAY MINOT	20 Apr 2013 14 May 2014	3622 601	Birth Transfer	RAMANI	CAPEMAY7	107819576
3109	M	14 Apr 2014	2437	2714	AKRON WATERTNSD	14 Apr 2014 29 Apr 2015	101309 2995	Birth Transfer	MAKALU	AKRON 3	010065038
3110	F	14 Apr 2014	2437	2714	AKRON LOSANGELE	14 Apr 2014 25 May 2015	101308 993610	Birth Transfer	MALAYA	AKRON 4	010059037
3111	F	28 Apr 2014	2503	2499	HELSINKI TOLEDO	28 Apr 2014 15 Mar 2016	214017 11496	Birth Transfer	GRETA	HKI 114	934000011107115
3112	F	28 Apr 2014	2503	2499	HELSINKI SALZBURG	28 Apr 2014 7 Oct 2015	214018 S2150	Birth Transfer	GRETEL	HKI 115	934000011107118
3113	M	28 Apr 2014	2503	2499	HELSINKI AUVERGNE	28 Apr 2014 6 Feb 2016	214019 C690	Birth Transfer	GABRIEL	HKI 116	956000008374214
3114	M	28 Apr 2014	2503	2499	HELSINKI MULHOUSE	28 Apr 2014 27 Apr 2016	214020 M16037	Birth Transfer	GUSTAF	HKI 117	934000011107121
3115	M	28 Apr 2014	2567	2599	COLWYNBAY HUNBSTRND	28 Apr 2014 5 Jul 2017	3598 217136	Birth Transfer	ARATAAN	COLWYN6	95600003893508
3116	F	28 Apr 2014	2567	2599	COLWYNBAY BROXBOURN	28 Apr 2014 12 Nov 2015	3599 M866	Birth Transfer	JESSIE	COLWYN 7	956000003624756
3118	F	7 May 2014	2831	2562	TAUTPHAUS ORONO	7 May 2014 24 Mar 2016	14M021 K16003	Birth Transfer	ANNIKA	IDAHO 10	835343603
3119	F	7 May 2014	2831	2562	TAUTPHAUS OMAHA	7 May 2014 11 Sep 2015	14M022 23346	Birth Transfer	ROSEMARY	IDAHO 11	835311070
3120	F	16 Apr 2014	3053	3052	TANGAN WP COLUMBUS TANGAN WP DUNLAP	16 Apr 2014 24 Apr 2014 15 Oct 2014 7 Jun 2016	B14115 214028 B14115 ANA	Birth Transfer Transfer Transfer	ANA	TWP 40	
3121	F	16 Apr 2014	3053	3052	TANGAN WP COLUMBUS TANGAN WP DUNLAP	16 Apr 2014 24 Apr 2014 15 Oct 2014 7 Jun 2016	B14116 214029 B14116 ELSA	Birth Transfer Transfer Transfer	ELSA	TWP 41	
3122	M	8 May 2014	3058	3056	TANGAN WP D ARTHUR	8 May 2014 28 Oct 2014	B14117 3122	Birth lft		TWP 42	
3123	M	8 May 2014	3058	3056	TANGAN WP ZWCCRAINI	8 May 2014 16 Jun 2014	B14118 3123	Birth lft		TWP 43	
3124	F	8 May 2014	3055	3054	TANGAN WP ZWCCRAINI	8 May 2014 16 Jun 2014	B14119 3124	Birth lft		TWP 44	
3125	M	17 May 2014	3063	3062	TANGAN WP CAVEJUNCT	17 May 2014 13 Aug 2014	B14120 3125	Birth Transfer	MALAKAI	TWP 45	
3126	F	17 May 2014	3063	3062	TANGAN WP OROVILLE	17 May 2014 15 Aug 2014	B14121 3126	Birth lft		TWP 46	
3128	M	6 May 2014	2819	2830	NY BRONX CENTRALPK	6 May 2014 5 Dec 2017	M14045 M140045	Birth Transfer	IKE	BRONX 108	839016880
3133	F	3 May 2014	2466	2265	ZURICH PLOCK	3 May 2014 17 Nov 2015	B40403 A20538	Birth Transfer	OKARA	ZURICH 57	756098100643348
3134	F	3 May 2014	2466	2265	ZURICH MILWAUKEE	3 May 2014 23 Aug 2016	B40404 5963	Birth Transfer	ORYA	ZURICH 58	756098100641477
3140	M	17 Apr 2014	2826	2813	DUDLEY DARJEELIN	17 Apr 2014 25 Jun 2016	4237 SLMAKALU	Birth Transfer	MAKALU	DUDLEY 4	956000001458313
3141	M	16 Jun 2014	1847	2887	MULHOUSE DARJEELIN	16 Jun 2014 1 Sep 2016	M14069 NAMKHA	Birth Transfer	NAMKHA	MULHOU 12	250228730005176
3142	M	16 Jun 2014	1847	2887	MULHOUSE CALGARY	16 Jun 2014 9 Mar 2016	M14070 109525	Birth Transfer	PEMBA	MULHOU 13	250228730005369
3143	F	16 Jun 2014	1847	2887	MULHOUSE SANTILLAN	16 Jun 2014 3 Dec 2015	M14071 3143	Birth Transfer	LASYA	MULHOU 14	250228730005370
3146	M	23 Apr 2014	2463	2836	PERM ZOO CHELYABIN	23 Apr 2014 25 Feb 2015	6282010 89266	Birth Transfer	ERMAK	PERM 19	
3151	M	9 Jul 2014	2698	2615	SYRACUSE MILWAUKEE	9 Jul 2014 15 Oct 2015	M14138 5915	Birth Transfer	ASA	SYRAC 9	
3152	F	27 May 2014	2883	2925	BERLIN TP ROSAMOND	27 May 2014 16 Feb 2016	M05694 544	Birth Transfer	NAINA	BERLTP16	90020000097771
3153	F	27 May 2014	2883	2925	BERLIN TP ST PAUL	27 May 2014 2 Feb 2017	M05695 4293	Birth Transfer	ALYA	BERLTP17	90020000096435

3154	M	1 May 2014	2755	2800	KERNHOF ALMAYYA	1 May 2014 10 Dec 2015	GORBAT PU005	Transfer Transfer	GORBATSCHOV	KERNHOF 3	40097809141981
3155	F	1 May 2014	2755	2800	KERNHOF CALGARY	1 May 2014 4 Dec 2015	LEIKA 109520	Birth Transfer	LEIKA	KERNHOF 4	0400097809150511
3157	M	25 May 2014	2763	2860	LAKELND O PLOCK	25 May 2014 16 Dec 2015 4 Sep 2017	352 A20552	Birth Transfer Death	LOKI	LAKLND 2	960011000282594
3158	F	25 May 2014	2763	2860	LAKELND O VALBREMBO	25 May 2014 29 Jul 2015	353 LEONEVF	Birth Transfer	LUNA	LAKLND 3	960011000283282
3164	M	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324010 OTTO OTTO	Birth Transfer Transfer	OTTO III	MAGDEB 15	9002000064668
3165	F	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324011 NELA NELA	Birth Transfer Transfer	NELA	MAGDEB 16	9002000070253
3166	F	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324012 ARUNA ARUNA	Birth Transfer Transfer	ARUNA	MAGDEB 17	9002000064968
3168	M	8 May 2015	2777	2776	KOLN ROSTOCK	8 May 2015 15 Nov 2017	4906 6706	Birth Transfer	BARID	KOLN 14	90020000275763
3170	M	15 May 2015	2842	2780	WINNIPEG GRANBY	15 May 2015 27 Jul 2017	22032 M15049	Birth Transfer	KANG	ASSINIB	33956000003728242
3175	F	25 May 2015	2350	2363	RIO GRAND TANGAN WP	25 May 2015 1 Apr 2016	M15015 A16413	Birth Transfer	KARLI	ALBUQ 16	000780B068
3177	F	30 May 2015	2510	2579	GRANBY COLUMBUS SAN FRAN	30 May 2015 20 Sep 2017 15 Nov 2017	M15017 217064 117027	Birth Transfer Transfer	ANNA	GRANBY 19	152258263A
3178	F	1 Jun 2015	2671	3029	BEAUVAL LA PLAINE	1 Jun 2015 7 Sep 2016	M01784 SP0036	Birth Transfer	SAIAN	BEAUVAL	12250228739004140
3179	F	1 Jun 2015	2671	3029	BEAUVAL DUDLEY	1 Jun 2015 7 Oct 2016	M01785 4608	Birth Transfer	TAIGA	BEAUVAL	13250228739004141
3180	M	29 May 2015	2680	2645	BASEL PARIS JP	29 May 2015 11 Aug 2016	150026 MB6103	Birth Transfer	MAKALU	BASEL 60	981098102877874
3182	F	29 May 2015	2680	2645	BASEL NYIREGYHA	29 May 2015 1 Mar 2017	150028 M13338	Birth Transfer	MYANMAR	BASEL 62	981098102874312
3185	M	15 May 2015	3063	3062	TANGAN WP COLUMBUS TANGAN WP TIGER HAV	15 May 2015 8 Jun 2015 15 Nov 2015 21 Jul 2016	B15257 215065 B15257 HENRY	Birth Transfer Transfer Transfer	HENRY	TWP 47	00075B2B6D
3186	M	15 May 2015	3063	3062	TANGAN WP COLUMBUS TANGAN WP TIGER HAV	15 May 2015 8 Jun 2015 15 Nov 2015 21 Jul 2016	B15258 215066 B15258 GEORGE	Birth Transfer Transfer Transfer	GEORGE	TWP 48	000786A3F5
3188	F	16 Jun 2015	2848	2867	CHICAGOBR SYRACUSE	16 Jun 2015 17 Oct 2016	5542 M16182	Birth Transfer	DAANIA	BROOKF 21	031062874
3189	M	16 Jun 2015	2679	2974	DRESDEN Z PLANCKNDL	16 Jun 2015 24 Apr 2017	201768 236010	Birth Transfer	KIYAN	DRESDEN	13900200000209001
3191	F	6 May 2015	2818	2829	BLOOMINGT BUFFALO	6 May 2015 5 Apr 2017	M15018 M17000	Birth Transfer	SABRINA	BLOOM 15	0007248F89
3194	M	16 Aug 2014	3053	3052	TANGAN WP BANDON	16 Aug 2014 24 Jun 2016	B14287 PARKER	Birth lft	PARKER	TWP 49	
3195	M	30 Apr 2015	3053	3052	TANGAN WP TIGER HAV	30 Apr 2015 7 Dec 2015	B15252 PRESLEY	Birth Transfer	PRESLEY	TWP 50	
3197	F	30 Apr 2015	3053	3052	TANGAN WP CLAWSPAWS	30 Apr 2015 8 Aug 2015	B15254 3197	Birth Transfer		TWP 52	
3201	M	11 Aug 2015	2566	2430	NURNBERG MELBOURNE	11 Aug 2015 26 Oct 2017	M03913 B70550	Birth Transfer	KANG-JU	NRNBRG 6	900200000360308
3202	F	11 Aug 2015	2566	2430	NURNBERG WARSAW	11 Aug 2015 25 Aug 2017	M03914 S7463	Birth Transfer	AYANA	NRNBRG 7	900200000358186
3203	F	14 Apr 2015	2493	2575	PLZEN LEIPZIG	14 Apr 2015 4 Jul 2017	306808 M10813	Birth Transfer	CHANDRA		96700009712832
3204	F	6 Jul 2015	2963	2971	BOISSIERE AUVERGNE	6 Jul 2015 28 Feb 2017	FP0003 C761	Birth Transfer	TAJA	BSSIERY 1	250228719001664
3205	F	6 Jul 2015	2963	2971	BOISSIERE BASEL	6 Jul 2015 12 Mar 2017	FP0004 170029	Birth Transfer	RANGI	BSSIERY 2	250228719001631
3206	M	9 Jun 2015	2996	2998	YARMOUTH AHTARI	9 Jun 2015 18 Jan 2017	29705806 217001	Birth Transfer	JAMAL	THRIGBY 1	953010000749092

3207	M	9 Jun 2015	2996	2998	YARMOUTH WARSAW	9 Jun 2015 9 Aug 2017	29705807 S7460	Birth Transfer	JAMIR	THRIGBY 2	953010000752304
3208	M	6 Sep 2015	3058	3056	TANGAN WP COLUMBUS TANGAN WP	6 Sep 2015 28 Sep 2015 13 Mar 2016	B15297 215094 B15297	Birth Transfer Transfer	CASPER	TWP 55	
3209	F	6 Sep 2015	3058	3056	TANGAN WP COLUMBUS TANGAN WP OROVILLE	6 Sep 2015 28 Sep 2015 13 Mar 2016 12 Jul 2016	B15298 215095 B15298 3209	Birth Transfer Transfer ltf	WINNIE	TWP 56	
3212	M	6 May 2015	2619	2594	MAGDEBURG LE PAL	6 May 2015 14 Feb 2017	324013 M17002	Birth Transfer	ASKARI	MAGDEB 18	90020000068891
3213	M	6 May 2015	2619	2594	MAGDEBURG LE PAL	6 May 2015 14 Feb 2017	324014 M17003	Birth Transfer	MALEO	MAGDEB 19	90020000068464
3215	F	10 May 2015	2598	2991	TALLIN MAGDEBURG	10 May 2015 1 May 2017	20190 324015	Birth Transfer	NALA	TALLINN 40	
3216	F	4 May 2015	2858	2827	KREFELD LINTON	4 May 2015 28 Nov 2016	2252 LZM766	Birth Transfer	NEFELI	KREFELD	7290020000029975
3217	F	4 May 2015	2858	2827	KREFELD COULANGE	4 May 2015 14 Nov 2016	2253 UU25	Birth Transfer	YALLA	KREFELD	7390020000022744
3218	M	11 Apr 2015	2702	2643	JURQUES KOLMARDEN	11 Apr 2015 30 Mar 2017	1390 13228	Birth Transfer	OLAF	JURQ 13	250228700003964
3220	M	10 May 2015	2492	2427	JIHLAVA FONTAINE	10 May 2015 26 Feb 2017	004017 70PU17	Birth Transfer	ARMIN	JIH 19	203108000006171
3221	M	10 May 2015	2711	2778	KARLSRUHE USTI	12 May 2015 1 Jun 2017	CA5618 17UL105	Birth Transfer	DIPENDU	KARLSRH11	982000168853408
3222	M	10 May 2015	2711	2778	KARLSRUHE USTI	12 May 2015 1 Jun 2017	CA5619 17UL106	Birth Transfer	DELEG	KARLSRUH12982000168851698	
3224	F	5 May 2015	2966	2960	HANSTEDT KATOWICE	5 May 2015 14 Dec 2016	AMILA 4085	Birth Transfer	AMALIA	NINDORF 9	900200000148427
3225	F	5 May 2015	2966	2960	HANSTEDT KATOWICE	5 May 2015 14 Dec 2016	ALEIKA 4084	Birth Transfer	ALEIKA	NINDORF	10900200000146178
3228	F	5 Mar 2016	2437	2714	AKRON CENTRALPK	5 Mar 2016 27 Sep 2017	101496 C17074	Birth Transfer	ASHA	AKRON 6	010042771
3229	M	5 Mar 2016	2437	2714	AKRON BUFFALO	5 Mar 2016 21 Sep 2017	101497 M17023	Birth Transfer	ALTAI	AKRON 7	010067367
3234	M	7 May 2016	2964	2977	NEUNKIRCH LEIPZIG	7 May 2016 23 Jun 2017	UU20161 M10809	Birth Transfer	ASKAR	NEUNKIR 1	968000005394859
3238	F	12 May 2016	2818	2829	BLOOMINGT NY BRONX	12 May 2016 21 Nov 2017	M16023 M17159	Birth Transfer		BLOOM 17	0007245204
3240	F	4 May 2016	2969	2836	PERM ZOO LIMPOZOO	4 May 2016 23 Dec 2016	62820-13 632	Birth Transfer		PERM 22	6430941003637717
3252	F	11 Jun 2016	2888	2976	SO LAKES MELBOURNE	11 Jun 2016 18 Oct 2017	UU0005 B70513	Birth Transfer	MISKA	LAKES 3	956000004765684
3259	M	9 Apr 2016	2904	2773	OPOLE PLOCK	9 Apr 2016 16 Nov 2017	M16021 A20643	Birth Transfer		OPOLE 3	956000002322676
3262	F	24 Apr 2016	3053	3052	TANGAN WP CHITTENAN	24 Apr 2016 14 Jun 2016	TWP57 3262	Birth Transfer		TWP 57	
3263	M	9 May 2016	3058	3056	TANGAN WP CHITTENAN	9 May 2016 14 Jun 2016	TWP58 3263	Birth Transfer		TWP 58	
3264	F	9 May 2016	3058	3056	TANGAN WP BANDON	9 May 2016 24 Jun 2016	B16417 3264	Birth ltf		TWP 59	
3310	M	8 May 2017	3058	3056	TANGAN WP COLUMBUS TANGAN WP	8 May 2017 6 Jun 2017 7 Nov 2017	B17627 217039 B17627	Birth Transfer Transfer	BRANCH	TWP 61	
3313	F	13 May 2017	3063	3062	TANGAN WP COLUMBUS TANGAN WP	13 May 2017 6 Jun 2017 7 Nov 2017	B17631 217040 B17631	Birth Transfer Transfer	POPPY	TWP 64	

TOTALS: 119.116.0 (235)

Compiled by: Leif Blomqvist thru Nordens Ark
Data current thru: 31. Dec 2017 - International
Printed on 31. Dec 2017 using Sparks v1.65

3.5. Living population 31st December 2017. Animals listed according to location. Report ordered by: current/last location (geographic). Transfers taking place after 1.1.2018 marked in red.

Stud#	Sex	Birth Date	Sire	Dam	Location	Date	LocalID	Event	Name	Breeder#	Transponder
Zoo Kameltheater, Kernhof, Lower Austria, Austria											
2755	M	12 May 2009	2564	2308	WARSAW KERNHOF	12 May 2009 22 Jan 2010	S6544 IVAN	Birth Transfer	IVAN	WARSAW 6	000633A761
2800	F	1 Jun 2009	1730	2554	EGG KERNHOF	1 Jun 2009 18 Dec 2009	EGG8 ANUSCH	Birth Transfer	ANUSCHKA	EGG 8	
Totals: 1.1.0 (2)											
Salzburg Zoo Hellbrunn, Anif, Salzburg, Austria											
2318	F	23 May 2002	1989	1852	HUNBSTRND SALZBURG	23 May 2002 13 Dec 2003	202031 2111	Birth Transfer	GAURI	HUNNEB 15	752098101091195
3032	M	1 May 2013	2740	2709	TWYXCROSS SALZBURG	1 May 2013 8 Oct 2015	6700 S2151	Birth Transfer	SAYAN	TWYXCROSS	3956000001535219
3112	F	28 Apr 2014	2503	2499	HELSINKI SALZBURG	28 Apr 2014 7 Oct 2015	214018 S2150	Birth Transfer	GRETEL	HKI 115	934000011107118
3288	M	24 May 2017	3032	3112	SALZBURG	24 May 2017	S2414	Birth	KIRAN	SALZB 14	040094501003882
Totals: 2.2.0 (4)											
Wild Animal Park Mechelen Planckendael, Mechelen (muizen), Antwerpen, Belgium											
2653	F	30 May 2007	1418	2273	STUTTGART PLANCKNDL	30 May 2007 20 Oct 2011	8737 236007	Birth Transfer	LOLA	STUTTG 20	968000004121216
3189	M	16 Jun 2015	2679	2974	DRESDEN Z PLANCKNDL	16 Jun 2015 24 Apr 2017	201768 236010	Birth Transfer	KIYAN	DRESDEN	13900200000209001
Totals: 1.1.0 (2)											
Olmense Zoo, Olmen-Balen, Antwerpen, Belgium											
2927	F	16 May 2011	2495	2278	RAFAEL R MANSBACH RAFAEL R OLMENSE	16 May 2011 20 Oct 2011 1 May 2012 1 Oct 2015	2927 2927 2927 OZ2578	Birth Transfer Transfer Transfer		BERNAU 8	460011000225522
Totals: 0.1.0 (1)											
Parc Paradisio, Cambron-Casteau, Hainaut, Belgium											
2980	M	3 May 2012	2281	2458	AHTARI CAMBRON	3 May 2012 26 May 2014	212006 9850	Birth Transfer	JETI	AHTARI 6	985170002311622
Totals: 1.0.0 (1)											
Natuurhulpcentrum Opglabbeek, Opglabbeek, Limburg, Belgium											
3164	M	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324010 OTTO OTTO	Birth Transfer Transfer	OTTO III	MAGDEB 15	9002000064668
3165	F	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324011 NELA NELA	Birth Transfer Transfer	NELA	MAGDEB 16	9002000070253
3166	F	7 Jun 2013	2619	2594	MAGDEBURG DE BOUY OPGLABBEE	7 Jun 2013 13 Oct 2014 10 Apr 2015	324012 ARUNA ARUNA	Birth Transfer Transfer	ARUNA	MAGDEB 17	9002000064968
Totals: 1.2.0 (3)											
Parc Zoologique De Pal, St Pourçain-sur-Besb, Allier, France											
3212	M	6 May 2015	2619	2594	MAGDEBURG LE PAL	6 May 2015 14 Feb 2017	324013 M17002	Birth Transfer	ASKARI	MAGDEB 18	900200000068891
3213	M	6 May 2015	2619	2594	MAGDEBURG LE PAL	6 May 2015 14 Feb 2017	324014 M17003	Birth Transfer	MALEO	MAGDEB 19	900200000068464
Totals: 2.0.0 (2)											

Safari De Peaugres, Peaugres, Ardeche, France

2456	neutM	4 Jul 2002	1844	1725	THOIRY PEAUGRES	4 Jul 2002 23 Mar 2005	A2147 1350	Birth Transfer	ALTAI	THOIRY 8	000610ED57
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Totals: 1.0.0 (1)**Parc Zoologique De La Palmyre, Les Mathes Royan, Charente-Mariti, France**

2999	M	26 Apr 2012	2453	2213	COULANGE LA PALMYR	26 Apr 2012 27 Jan 2015	UU23 7565	Birth Transfer	LOHLAN	AMNEV 18	250228500009628
3000	M	26 Apr 2012	2453	2213	COULANGE LA PALMYR	26 Apr 2012 27 Jan 2015	UU24 7566	Birth Transfer	DARKAN	AMNEV 19	250228500009662

Totals: 2.0.0 (2)**Zoo Parc De Beauval, St Aignan, Cher, France**

2671	M	24 Apr 2007	2127	1963	BERLIN TP BEAUVAL	24 Apr 2007 19 Feb 2008	M03226 M0530	Birth Transfer	LANAK	BERLTP 14	968000004656610
3029	F	29 Apr 2013	2280	2475	MOSCOW BEAUVAL	29 Apr 2013 29 Apr 2014	130076 M01572	Birth Transfer		MOSCOW 60	972270000030379

Totals: 1.1.0 (2)**Parc Animalier D'Auvergne, Ardes-sur-Couze, Gironde, France**

3113	M	28 Apr 2014	2503	2499	HELSINKI AUVERGNE	28 Apr 2014 6 Feb 2016	214019 C690	Birth Transfer	GABRIEL	HKI 116	956000008374214
3204	F	6 Jul 2015	2963	2971	BOISSIERE AUVERGNE	6 Jul 2015 28 Feb 2017	FPU003 C761	Birth Transfer	TAJA	BSSIERE 1	250228719001664

Totals: 1.1.0 (2)**Zooland-Park, La Teste-de-Buch, Gironde, France**

2592	neutM	3 May 2005	1846	2128	KREFELD THOIRY LA TESTE	3 May 2005 24 Nov 2006 28 Nov 2014	1621 A6173 SL1214	Birth Transfer Transfer	MERLIN	KREFELD	64968000000808071
2890	F	7 May 2011	2564	2308	WARSAW BORYSEW LA TESTE	7 May 2011 10 Oct 2012 17 May 2013	S6759 FALA 94100001	Birth Transfer Transfer	FALA	WARSAW 9	941000012396794
3040	M	21 Apr 2013	2713	2701	MARWELL LA TESTE	21 Apr 2013 25 Mar 2015	9298 UU0315	Birth Transfer	AJENDRA	MARWELL	33956000008238736
3307	F	24 Jun 2017	3040	2890	LA TESTE	24 Jun 2017	M17020	Birth	MAYALA	ARACHON 5	250228500032802
3308	M	24 Jun 2017	3040	2890	LA TESTE	24 Jun 2017	M17021	Birth	AKAR	ARACHON 6	250228500032826

Totals: 3.2.0 (5)**Parc Zoologique Et Botanique, Mulhouse, Haut-Rhin, France**

2887	F	25 May 2011	2671	2624	BEAUVAL MULHOUSE	25 May 2011 19 Oct 2012	M0942 M12092	Birth Transfer	TAWA	BEAUVAL	11250228700001384
3114	M	28 Apr 2014	2503	2499	HELSINKI MULHOUSE	28 Apr 2014 27 Apr 2016	214020 M16037	Birth Transfer	GUSTAF	HKI 117	934000011107121
3292	M	28 May 2017	3114	2887	MULHOUSE	28 May 2017	M17027	Birth	TIKSI	MULHOU 15	250228500037639
3293	M	28 May 2017	3114	2887	MULHOUSE	28 May 2017	M17028	Birth	KOURAI	MULHOU 16	250228500037733
3294	F	28 May 2017	3114	2887	MULHOUSE	28 May 2017 19 Jan 2018	M17029	Birth Death		MULHOU 17	250228500036854

Totals: 3.2.0 (5)**BioParc De Doué, Doué-la-Fontaine, Maine-et-Loire, France**

2965	F	30 May 2012	2295	2289	SZEGED FONTAINE	30 May 2012 22 Jan 2014	3045 70PU16	Birth Transfer	BORTE	SZEGED 9	900088000540777
3220	M	10 May 2015	2492	2427	JIHlava FONTAINE	10 May 2015 26 Feb 2017	004017 70PU17	Birth Transfer	ARMIN	JIH 19	203108000006171

Totals: 1.1.0 (2)

Zoo D'Asson, Asson, Hautes-Pyrenees, France

2990	M	4 Jun 2012	2564	2308	WARSAW ASSON	4 Jun 2012 2 May 2014	S6888 4347	Birth Transfer	DALAJ	WARSAW 12	941000012396896
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Totals: 1.0.0 (1)**Espace Zoologique La Boissiere Du Dore, La Boissiere Du Dore, Loire, France**

2963	M	30 May 2012	2295	2289	SZEGED BOISSIERE	30 May 2012 16 Apr 2014	3043 FPU002	Birth Transfer	TENZING	SZEGED 7	900088000540521
2971	F	29 May 2012	2492	2692	JIHLAVA BOISSIERE	29 May 2012 16 Apr 2014	004016 FPU001	Birth Transfer	BELLA	JIH 18	956000001991966

Totals: 1.1.0 (2)**Zoo De Pont-Scorff, Pont-Scorff, Morbihan, France**

2627	M	10 May 2006	2232	2222	MANHATTAN NY BRONX PLANCKNDL PONTSCORF	10 May 2006 6 Nov 2008 18 Dec 2008 19 Apr 2017	200609 M08158 236005 100847	Birth Transfer Transfer Transfer	KEDAR	MANHAT 4	000633B3E5
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Totals: 1.0.0 (1)**Parc Zoologique D'Amneville, Amneville, Moselle, France**

2453	M	12 Jun 2003	1974	1851	AUNEAU Z COULANGE	12 Jun 2003 23 Feb 2006	UU013 UU15	Birth Transfer	TAJMYR	AUNEAU 10	250229600022172
3217	F	4 May 2015	2858	2827	KREFELD COULANGE	4 May 2015 14 Nov 2016	2253 UU25	Birth Transfer	YALLA	KREFELD 73900200000022744	

Totals: 1.1.0 (2)**Menagerie Du Jardin Des Plantes (mnhn), Paris, France**

2978	F	23 Jun 2012	2503	2315	HELSINKI PARIS JP	23 Jun 2012 19 Nov 2013	212046 MB3211	Birth Transfer	ESHA	HKI 113	956000008386122
3180	M	29 May 2015	2680	2645	BASEL PARIS JP	29 May 2015 11 Aug 2016	150026 MB6103	Birth Transfer	MAKALU	BASEL 60	981098102877874

Totals: 1.1.0 (2)**Le Parc Des Felins, Nesles, Ile-de-France, France**

2542	neutM	12 Sep 2004	2173	2201	AGRATE PARIS JP NESLES	12 Sep 2004 5 Jul 2007 9 Sep 2015	1498 MA7104 A15042	Birth Transfer Transfer	KARU	NOVARA 13	00012ADB5
2967	F	9 Jun 2012	2711	2778	KARLSRUHE NESLES	9 Jun 2012 18 Oct 2013	CA5614 A13014	Birth Transfer	ATHOWA	KARLSRUH7	982000168853444

Totals: 1.1.0 (2)**Espace Zoolog De St-Martin-la-Plaine, Rive-de-Gier, Rhone, France**

2924	M	9 Jun 2011	2740	2709	TWYXCROSS LA PLAINE	9 Jun 2011 5 Oct 2012	6339 SL0034	Birth Transfer	MAKALU	TWYXCROSS	1956000002436613
3178	F	1 Jun 2015	2671	3029	BEAUVAL LA PLAINE	1 Jun 2015 7 Sep 2016	M01784 SP0036	Birth Transfer	SAIAN	BEAUVAL	12250228739004140
3325	M	26 Jun 2017	2924	3178	LA PLAINE	26 Jun 2017	UNK	Birth		STMART 10	250229600070658
3326	F	26 Jun 2017	2924	3178	LA PLAINE	26 Jun 2017	UNK	Birth		STMART 11	250229600070943

Totals: 2.2.0 (4)**Zoo De Montredon / Nature-S-Sauvage, Montredon Labessonni, Tarn, France**

2656	F	29 May 2007	2277	2318	SALZBURG SANDWICH MONTREDON	29 May 2007 26 Nov 2008 4 Aug 2011	S316 RSCC156 23586519	Birth Transfer Transfer	ADA	SALZB 3	968000004793138
2715	M	26 Apr 2008	2295	2289	SZEGED SANDWICH MONTREDON	26 Apr 2008 15 Apr 2009 4 Aug 2011	2329 RSCC159 25138611	Birth Transfer Transfer	KIRGIZ	SZEGED 5	348098100140331

Totals: 1.1.0 (2)**Parc Zoologique De Jurques, Jurques, Var, France**

2643	F	16 May 2003	1583	1483	JURQUES	16 May 2003	357	Birth		JURQ 11	250229600008324
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2702	M	26 Apr 2008	2593	2574	TREGOMZOO TROUVILAQ JURQUES	26 Apr 2008 8 Feb 2011 10 Feb 2011	MPAN04 982 982	Birth Transfer Transfer	HIM	TREGOMR 1	250229600049315
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Totals: 1.1.0 (2)

Parc Paysager Et Animalier Du Reynou, Le Vigen, Vienne, France

2919	F	2 May 2011	2277	2318	SALZBURG LE VIGEN	2 May 2011 8 Jan 2013	S1338 MF1107	Birth Transfer	AKUNA	SALZB 8	982000161010273
2920	F	2 May 2011	2277	2318	SALZBURG LE VIGEN	2 May 2011 8 Jan 2013	S1337 MF1106	Birth Transfer	SCHNUFFI	SALZB 9	982000161012735

Totals: 0.2.0 (2)

Thoiry Zoological Park, Thoiry, Yvelines, France

2937	F	27 Apr 2011	2253	2260	KRAKOW THOIRY	27 Apr 2011 21 Aug 2014	110608 B4166	Birth Transfer	HIMA	KRAKOW 16	956000002095918
3033	M	1 May 2013	2740	2709	TWYCROSS THOIRY	1 May 2013 15 Dec 2014	6701 B4276	Birth Transfer	HARI	TWYCROSS 4956000001537193	
3322	F	11 May 2017	3033	2937	THOIRY	11 May 2017	B7115	Birth	LAYA	THOIRY 12	250229600070389

Totals: 1.2.0 (3)

Parc Zoologique De Tregomeur, Tregomeur, Cotes-D'Armor, France

2574	F	25 Apr 2005	1975	1677	KOLN TREGOMZOO	25 Apr 2005 19 Jan 2007	3948 MPAN01	Birth Transfer	YAHYA	KOLN 9	968000000870741
2593	M	3 May 2005	1846	2128	KREFELD TREGOMZOO	3 May 2005 19 Jan 2007	1622 MPAN02	Birth Transfer	TARIM	KREFELD 65968000000798055	

Totals: 1.1.0 (2)

Szeged Zoo, Szeged, Cserepes-Sor, Hungary

2289	F	3 May 2001	1482	1555	POZNAN SZEGED	3 May 2001 25 Jul 2002	MD0455 1505	Birth Transfer	GONGGA	POZNAN 8	90008800181810
2295	M	24 Jul 2001	1392	2165	LA PLAINE SZEGED	24 Jul 2001 15 Jul 2002	SA0097 1504	Birth Transfer	GANDHI	STMART 8	0001BEB9F4

Totals: 1.1.0 (2)

Nyiregyházi Állatpark Nonprofit Kft, Sostofurdo, Szabolcs-Szatma, Hungary

2423	M	7 May 2003	1975	1677	KOLN NYIREGYHA	7 May 2003 26 Nov 2004	3126 M00187	Birth Transfer	YAO	KOLN 8	968000000660080
3182	F	29 May 2015	2680	2645	BASEL NYIREGYHA	29 May 2015 1 Mar 2017	150028 M13338	Birth Transfer	MYANMAR	BASEL 62	981098102874312

Totals: 1.1.0 (2)

Kittenberger Kálmán Nonprofit Kft, Veszprem, Hungary

2792	neutF	24 May 2009	2470	2319	BROXBURN VESZPREM	24 May 2009 11 Jan 2011	M593 113002	Birth Transfer	HARA	BROXBURN 2	956000008011356
3028	M	29 Apr 2013	2280	2475	MOSCOW VESZPREM	29 Apr 2013 19 Oct 2015	130075 113003	Birth Transfer		MOSCOW 59	972270000030898

Totals: 1.1.0 (2)

Parco Zoo Punta Verde, Lignano Sabbiadoro, Friuli-Venezia, Italy

2783	M	2 Apr 2009	2453	2213	COULANGE PUNTAVERD	2 Apr 2009 31 Mar 2010	UU18 2102	Birth Transfer	LHASSA	AMNEV 13	250228500003893
2918	F	2 Jun 2011	2713	2701	MARWELL PUNTAVERD	2 Jun 2011 10 Dec 2012	8990 2295	Birth Transfer	KAMALA	MARWELL 32956000002433311	

Totals: 1.1.0 (2)

Parco Faunistico La Torbiera, Agrate Conturbia No, Piemonte, Italy

2858	M	10 Aug 2010	2503	2315	HELSINKI AGRATE	10 Aug 2010 3 Nov 2011	210061 1650	Birth Transfer	CHIVAS	HKI 110	956000001982412
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3086	F	29 Apr 2013	2277	2318	SALZBURG AGRATE	29 Apr 2013 9 Apr 2015	S1777 1728	Birth Transfer	LOTTI	SALZB 12	900200000069343
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Totals: 1.1.0 (2)

Parco Faunistico Le Cornelle S R L, Val Brembo (bg), Lombardy, Italy

2916	M	2 Jun 2011	2713	2701	MARWELL VALBREMBO	2 Jun 2011 12 Dec 2012	8988 LEONEVM	Birth Transfer	KADHIR	MARWELL 30956000002676747
3158	F	25 May 2014	2763	2860	LAKELND O VALBREMBO	25 May 2014 28 Jul 2015	353 LEONEVF	Birth Transfer	LUNA	LAKLND 3 960011000283282
3274	M	10 May 2017	2916	3158	VALBREMBO	10 May 2017	LENEVA17	Birth	ARMAN	VALBREM 1 939000001571361
3275	M	10 May 2017	2916	3158	VALBREMBO	10 May 2017	LENEVB17	Birth	NEKO	VALBREM 2 939000001571362

Totals: 3.1.0 (4)

Parco Natura Viva, Bussolengo, Verona, Italy

2982	F	29 May 2012	2777	2776	KOLN BUSSOLENG	29 May 2012 21 Feb 2014	4537 PUN008	Birth Transfer	SAMIRA	KOLN 13 900200000026717
2997	M	2 Jun 2012	2627	2653	PLANCKNDL BUSSOLENG	2 Jun 2012 7 Feb 2014	236008 PUN007	Birth Transfer	NUDAN	PLANCKEN2

Totals: 1.1.0 (2)

Bydgoszcz Zoological Garden - Myslecinek, Bydgoszcz, Kujawsko-Pomors, Poland

2564	M	9 May 2005	2253	2260	KRAKOW WARSAW LESNY PK	9 May 2005 21 Sep 2006 11 Apr 2016	050713 S6140 KRAKUS	Birth Transfer Transfer	KRAKUS	KRAKOW 8 941000014785811
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Totals: 1.0.0 (1)

Silesian Zoological Garden, Chorzow, Katowice, Poland

3224	F	5 May 2015	2966	2960	HANSTEDT KATOWICE	5 May 2015 14 Dec 2016	AMILA 4085	Birth Transfer	AMALIA	NINDORF 9 900200000148427
3225	F	5 May 2015	2966	2960	HANSTEDT KATOWICE	5 May 2015 14 Dec 2016	ALEIKA 4084	Birth Transfer	ALEIKA	NINDORF 10900200000146178

Totals: 0.2.0 (2)

Park I Ogród Zoologiczny W Krakowie, Krakow, Poland

2253	M	21 Aug 2000	1617	1676	JIHLAVA KRAKOW	21 Aug 2000 12 Sep 2002	6 020903	Birth Transfer	HONZA	JIH 4 0005FD8019
2260	F	8 May 2000	1430	1599	KRAKOW	8 May 2000	000501	Birth	LUXI	KRAKOW 4

Totals: 1.1.0 (2)

Ogród Zoologiczny Opole, Opole, Poland

2773	F	14 Apr 2009	2253	2260	KRAKOW OPOLE	14 Apr 2009 22 Dec 2010	090605 M10077	Birth Transfer	DORIS	KRAKOW 15 0006B78BB0
2904	M	22 Apr 2011	2680	2645	BASEL OPOLE	22 Apr 2011 8 Nov 2012	110024 M12111	Birth Transfer	INDUS	BASEL 58 981098102668950

Totals: 1.1.0 (2)

Miejski Ogród Zoologiczny Warsaw, Warszawa, Poland

3202	F	11 Aug 2015	2566	2430	NURNBERG WARSAW	11 Aug 2015 25 Aug 2017	M03914 S7463	Birth Transfer	AYANA	NRNBRG 7 900200000358186
3207	M	9 Jun 2015	2996	2998	YARMOUTH WARSAW	9 Jun 2015 9 Aug 2017	29705807 S7460	Birth Transfer	JAMIR	THRIGBY 2 953010000752304

Totals: 1.1.0 (2)

Miejski Ogród Zoologiczny Plock, Plock, Poland

3133	F	3 May 2014	2466	2265	ZURICH PLOCK	3 May 2014 17 Nov 2015	B40403 A20538	Birth Transfer	OKARA	ZURICH 57 756098100643348
3259	M	9 Apr 2016	2904	2773	OPOLE PLOCK	9 Apr 2016 16 Nov 2017	M16021 A20643	Birth Transfer	OPOLE 3	956000002322676

Totals: 1.1.0 (2)

Zoo De Gaia Zoo Santo Inacio, Avintes, Porto, Portugal

2756	F	12 May 2009	2564	2308	WARSAW QUINTASI	12 May 2009 11 Mar 2010	S6545 2289	Birth Transfer	ARIANA	WARSAW 7	000635F15
3035	M	8 Jul 2013	2865	2878	STUTTGART QUINTASI	8 Jul 2013 10 Mar 2015	9796 3100	Birth Transfer	KAMAL	STUTTG 21	276097209040722

Totals: 1.1.0 (2)**Gradina Zoologica Brasov, Brasov, Romania**

2625	F	13 May 2006	1464	1741	LYMPNE BRASOVZOO	13 May 2006 28 Sep 2016	P20633 1	Birth Transfer	BLIZZARD	BEKESBR	49960011000712959
2689	M	6 Jun 2007	2479	2427	JIHLAVA LYMPNE BRASOVZOO	6 Jun 2007 25 Jun 2008 28 Sep 2016	004006 P20872 2	Birth Transfer Transfer	JAMMU	JIH 9	203096100105216

Totals: 1.1.0 (2)**Gradina Zoologica Bucuresti, Of Postal 18, Bucuresti, Romania**

2771	neutM	14 Apr 2009	2253	2260	KRAKOW VESZPREM BUCURESTI	14 Apr 2009 8 Dec 2010 24 Oct 2015	090603 113001 ZBM020-1	Birth Transfer Transfer	VALDI	KRAKOW 13	0006B79A70
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Totals: 1.0.0 (1)**Zoo De Santillana Y Parque Cuaternario, Santillana Del Mar, Cantabria, Spain**

3143	F	16 Jun 2014	1847	2887	MULHOUSE SANTILLAN	16 Jun 2014 3 Dec 2015	M14071 3143	Birth Transfer	LASYA	MULHOU 14	250228730005370
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Totals: 0.1.0 (1)**Zoologischer Garten Basel, Basel, Switzerland**

3181	M	29 May 2015	2680	2645	BASEL	29 May 2015	150027	Birth	MEKONG	BASEL 61	981098102875444
3205	F	6 Jul 2015	2963	2971	BOISSIERE BASEL	6 Jul 2015 12 Mar 2017	FPU004 170029	Birth Transfer	RANGI	BSSIERS 2	250228719001631

Totals: 1.1.0 (2)**Zoo Al Maglio, Magliaso (neggio), Ticino, Switzerland**

2609	neutF	17 Apr 2006	2050	2166	HANSTEDT PONTSCORE MAGLIASO	17 Apr 2006 8 Jul 2010 29 Feb 2016	NIND7 100541 KIERA	Birth Transfer Transfer	KIERA	NINDORF 7	96800000814016
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Totals: 0.1.0 (1)**Zoo De Servion, Servion, Vaud, Switzerland**

2790	M	25 Apr 2009	2127	1963	BERLIN TP SERVION	25 Apr 2009 28 Sep 2010	M04189 UU0409	Birth Transfer	ALTAI	BERLTP 15	968000005350201
2796	F	29 May 2009	2281	2458	AHTARI SERVION	29 May 2009 30 Sep 2010	209002 UU0509	Birth Transfer	MILLA	AHTARI 4	246098100279539

Totals: 1.1.0 (2)**Zoo Zürich, Zürich, Switzerland**

2265	F	~ May 2000	WILD	WILD	KYRGYZSTA HANSTEDT ZURICH	~ Aug 2000 23 Dec 2000 16 Oct 2001	NONE 0402 A10330	Capture Transfer Transfer	DSHAMILJA	NINDORF 1	276098101155741
2466	M	7 May 2003	1988	1926	TALLIN ZURICH	7 May 2003 1 Dec 2006	14657 A60567	Birth Transfer	VILLY	TALLINN	2700062024C2

Totals: 1.1.0 (2)**Tierpark Berlin-Friedrichsfelde GmbH, Berlin, Germany**

2883	M	30 Apr 2011	2691	2712	LIBEREC BERLIN TP	30 Apr 2011 25 Oct 2012	610022 M05202	Birth Transfer	BATAAR	LIBEREC	12972270000140515
2925	F	10 Jun 2011	2740	2709	TWYCROSS BERLIN TP	10 Jun 2011 7 Oct 2012	6337 M05201	Birth Transfer	MAYA	TWYCROSS	2956000002683226

Totals: 1.1.0 (2)

Zoo Dresden GmbH, Dresden, Sachsen, Germany

2679	M	6 May 2007	1846	2128	KREFELD DRESDEN Z	6 May 2007 9 Jul 2008	1793 199095	Birth Transfer	ASKIN	KREFELD 67968000004766105
2974	F	21 Apr 2012	2566	2430	NURNBERG DRESDEN Z	21 Apr 2012 29 Jan 2014	M03407 201275	Birth Transfer	ISTARI	NRNRBG 4 968000005455794

Totals: 1.1.0 (2)**Zoologischer Garten Leipzig, Leipzig, Sachsen, Germany**

2274	F	30 Apr 2001	2050	2095	HANSTEDT LEIPZIG	30 Apr 2001 18 Dec 2003	LAURA M04498	Birth Transfer	LAURA	NINDORF 4 968000000361026
2469	M	20 Apr 2003	1846	2128	KREFELD LEIPZIG	20 Apr 2003 27 Oct 2004	1465 M06248	Birth Transfer	ONJEGIN	KREFELD 63968000004094387
3203	F	14 Apr 2015	2493	2575	PLZEN LEIPZIG	14 Apr 2015 4 Jul 2017	306808 M10813	Birth Transfer	CHANDRA	96700009712832
3234	M	7 May 2016	2964	2977	NEUNKIRCH LEIPZIG	7 May 2016 23 Jun 2017	UU20161 M10809	Birth Transfer	ASKAR	NEUNKIR 1 968000005394859

Totals: 2.2.0 (4)**Zoologischer Garten Magdeburg, Magdeburg, Sachsen-Anhalt, Germany**

2594	F	3 May 2005	1846	2128	KREFELD MAGDEBURG	3 May 2005 11 Oct 2006	1620 324004	Birth Transfer	DINA	KREFELD 66968000000811977
2619	M	8 Jun 2006	2281	2458	AHTARI MAGDEBURG	8 Jun 2006 4 Dec 2007	206002 324005	Birth Transfer	VALIANTE	AHTARI 1 246098100187338
3215	F	10 May 2015	2598	2991	TALLIN MAGDEBURG	10 May 2015 1 May 2017	20190 324015	Birth Transfer	NALA	TALLINN 40

Totals: 1.2.0 (3)**Assn for Wild Cat Cons (Renato Rafael), Sydower Fliess, Brandenburg, Germany**

2495	neutM	20 May 2004	1989	1852	HUNBSTRND RAFAEL R	20 May 2004 19 Dec 2005	204020 JANAK	Birth Transfer	JANAK	HUNNEB 17 977200004970276
2786	F	16 May 2009	2495	2278	RAFAEL R	16 May 2009	TASHI	Birth	TASHI	BERNAU 2 982000142488737

Totals: 1.1.0 (2)**Rostock Zoologischer Garten, Rostock, Mecklenburg-Vor, Germany**

2733	F	17 May 2008	2069	2212	ROSTOCK	17 May 2008	4668	Birth	EMBA	ROSTOCK 3 968000005124406
3168	M	8 May 2015	2777	2776	KOLN ROSTOCK	8 May 2015 15 Nov 2017	4906 6706	Birth Transfer	BARID	KOLN 14 900200000275763

Totals: 1.1.0 (2)**Zoologischer Garten Karlsruhe, Karlsruhe, Bad-Württemberg, Germany**

2778	F	26 May 2009	2619	2594	MAGDEBURG KARLSRUHE	26 May 2009 6 Apr 2011	324007 CA5612	Birth Transfer	JULIKA	MAGDEB 12 968000005385987
3223	F	10 May 2015	2711	2778	KARLSRUHE	12 May 2015	CA5620	Birth	DINATA	KARLSRUH13982000168853455

Totals: 0.2.0 (2)**Wilhelma Zoo, Stuttgart, Bad-Württemberg, Germany**

2865	M	2 Jul 2010	2453	2213	COULANGE STUTTGART	2 Jul 2010 16 Nov 2011	UU21 9606	Birth Transfer	LADAKH	AMNEV 16 250228500003151
2878	F	5 May 2010	2466	2265	ZURICH STUTTGART	5 May 2010 17 Nov 2011	B00110 9607	Birth Transfer	KAILASH	ZURICH 55 0006E4876B

Totals: 1.1.0 (2)**Tiergarten Der Stadt Nürnberg, Nürnberg, Bavaria, Germany**

2430	F	12 May 2003	2253	2260	KRAKOW NURNBERG	12 May 2003 29 Apr 2004	030504 M02212	Birth Transfer	KRAKOW 6	00013CC6BF
2566	M	2 May 2005	2295	2289	SZEGED NURNBERG	2 May 2005 28 Aug 2006	2134 M02579	Birth Transfer	KASMIR	SZEGED 1 968000001261008

Totals: 1.1.0 (2)

Zoo Mansbach, Mansbach, Hesse, Germany

2278	F	28 Apr 2001	1975	1962	PARIS JP RAFAEL R MANSBACH	28 Apr 2001 8 Dec 2004 17 Dec 2016	MA1055 LUNA LUNA	Birth Transfer Transfer	LUNA	PARIS 4	0001E2DE17
2279	F	28 Apr 2001	1975	1962	PARIS JP RAFAEL R MANSBACH	28 Apr 2001 8 Dec 2004 17 Dec 2016	MA1056 KYLIA KYLIA	Birth Transfer Transfer	KYLIA	PARIS 5	00-01E2-DF93

Totals: 0.2.0 (2)**Wildpark Lüneburger Heide, Hanstedt-Nindorf, Lower Saxony, Germany**

2960	F	4 May 2012	2644	2626	WUPPERTAL HANSTEDT	4 May 2012 23 Oct 2013	2012030A AZIZA	Birth Transfer	AZIZA	WUPPER 12	276096909136809
2966	M	9 Jun 2012	2711	2778	KARLSRUHE HANSTEDT	9 Jun 2012 22 Oct 2013	CA5613 ANAN	Birth Transfer	ANAN	KARLSRUH6	982000168849551
3283	M	6 May 2017	2966	2960	HANSTEDT	6 May 2017	BARSHA	Birth	BARSHA	NINDORF11	900200000357237

Totals: 2.1.0 (3)**Nabu-Artenschutzzentrum Leiferde, Leiferde, Lower Saxony, Germany**

2803	F	~ 2001	WILD	WILD	KYRGYZSTA NABU/KYRG	~ 2001 3 May 2002	NONE ALCU	Capture Transfer	ALCU		
2804	M	~ 2000	WILD	WILD	KYRGYZSTA NABU/KYRG	???? 24 Mar 2003	NONE KUNAK	Capture Transfer	KUNAK		
2806	F	18 Apr 2009	2804	2802	NABU/KYRG	18 Apr 2009	NABU2	Birth	KALJUCHKA		

Totals: 1.2.0 (3)**Cologne Zoo, Koeln, N Rhine-Westph, Germany**

2776	F	13 May 2009	2277	2318	SALZBURG KOLN	13 May 2009 22 Oct 2010	S746 4208	Birth Transfer	SIRI	SALZB 6	982000088268828
2777	M	26 May 2009	2619	2594	MAGDEBURG KOLN	26 May 2009 16 Sep 2010	324006 4194	Birth Transfer	AKITO	MAGDEB 11	968000005367006

Totals: 1.1.0 (2)**Zoo Krefeld GmbH, Krefeld, N Rhine-Westph, Germany**

2827	F	22 May 2010	2487	2558	BANHAM KREFELD	22 May 2010 22 Dec 2011	6374 2100	Birth Transfer	REBECCA	BANHAM 20	968000005408211
2859	M	5 May 2010	1846	2273	KREFELD	5 May 2010	1990	Birth	PATAN	KREFELD	69968000005552102
3289	M	10 Apr 2017	2859	2827	KREFELD	10 Apr 2017	2366	Birth	NUREK	KREFELD 74	972273000463174
3290	F	10 Apr 2017	2859	2827	KREFELD	10 Apr 2017	2364	Birth	SADARI	KREFELD 75	972273000469229
3291	F	10 Apr 2017	2859	2827	KREFELD	10 Apr 2017	2365	Birth	JOMA	KREFELD 76	972273000274839

Totals: 2.3.0 (5)**Zoologischer Garten Wuppertal, Wuppertal, N Rhine-Westph, Germany**

2962	F	4 May 2012	2644	2626	WUPPERTAL	4 May 2012	2012030C	Birth	ADITI	WUPPER 14	276096909136784
2979	M	3 May 2012	2281	2458	AHTARI WUPPERTAL	3 May 2012 1 Jul 2014	212005 M14044	Birth Transfer	IRBIS	AHTARI 5	985170002281501
3245	M	7 Jun 2016	2979	2962	WUPPERTAL	7 Jun 2016	M16078	Birth	BAYAN	WUPPER 15	276095610159366
3246	F	7 Jun 2016	2979	2962	WUPPERTAL ORSA	7 Jun 2016 15 Jan 2018	M16080 SL3	Birth Transfer	BHAVANI	WUPPER 16	276095610156536
3247	F	7 Jun 2016	2979	2962	WUPPERTAL	7 Jun 2016	M16079	Birth	BASIRA	WUPPER 17	276095610158754

Totals: 2.3.0 (5)**Neunkircher Zoologischer Garten GmbH, Neunkirchen, Saarland, Germany**

2964	M	30 May 2012	2295	2289	SZEGED NEUNKIRCH	30 May 2012 12 Aug 2013	3044 UU20121	Birth Transfer	SAGAR	SZEGED 8	900088000540169
2977	F	23 Jun 2012	2503	2315	HELSINKI NEUNKIRCH	23 Jun 2012 16 Oct 2013	212045 UU20122	Birth Transfer	LUISA	HKI 112	956000008385786

3235	F	7 May 2016	2964	2977	NEUNKIRCH	7 May 2016	UU20162	Birth	ANUSHA	NEUNKIR 2	968000005399118
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Totals: 1.2.0 (3)

Zoologická Zahrada Jihlava, Jihlava, Jihomoravsky, Czech Republic

2427	F	10 May 2003	1617	1676	JIHLAVA	10 May 2003	004003	Birth	JITUSA	JIH 7	
2492	M	19 May 2004	2127	1963	BERLIN TP	19 May 2004	M02633	Birth	MAKAN	BERLTP 9	968000001208007
					PLZEN	25 Nov 2004	3068/01	Transfer			
					USTI	20 Apr 2006	UL0546	Transfer			
					JIHLAVA	22 Dec 2008	004010	Transfer			
2692	F	10 Jun 2007	1617	1922	JIHLAVA	10 Jun 2007	004009	Birth	ADA	JIH 12	203096100106250
					LIBEREC	29 Jan 2009	610019	Transfer			
					JIHLAVA	7 Jul 2011	004009	Transfer			

Totals: 1.2.0 (3)

Zoologická Zahrada Liberec, Liberec, Severocesky, Czech Republic

2691	M	10 Jun 2007	1617	1922	JIHLAVA	10 Jun 2007	004008	Birth	MARAT	JIH 11	203096100105382
					LIBEREC	29 Jan 2009	610018	Transfer			
2712	F	8 May 2008	2493	2575	PLZEN	8 May 2008	306804	Birth	ASUKA	PLZEN 2	956000001139498
					LIBEREC	26 Oct 2009	610020	Transfer			

Totals: 1.1.0 (2)

Usti Nad Labem Zoo, Usti Nad Labem, Severocesky, Czech Republic

3221	M	10 May 2015	2711	2778	KARLSRUHE	12 May 2015	CA5618	Birth	DIPENDU	KARLSRH11	982000168853408
					USTI	1 Jun 2017	17UL105	Transfer			
3222	M	10 May 2015	2711	2778	KARLSRUHE	12 May 2015	CA5619	Birth	DELEG	KARLSRUH12982000168851698	
					USTI	1 Jun 2017	17UL106	Transfer			

Totals: 2.0.0 (2)

Zoologická A Botanická Zahrada Plzen, Plzen, Zapadocesky, Czech Republic

2493	M	19 May 2004	2127	1963	BERLIN TP	19 May 2004	M02634	Birth	NANSCHAN	BERLTP 10	968000001194244
					PLZEN	25 Nov 2004	3068/02	Transfer			
2575	F	25 Apr 2005	1975	1677	KOLN	25 Apr 2005	3949	Birth	JAMILA	KOLN 10	968000000724655
					PLZEN	24 Jan 2007	3068/03	Transfer			

Totals: 1.1.0 (2)

Malkia Park, Orechova Poton, Trnavsky Kraj, Slovakia

2554	F	2 May 2004	1730	1882	EGG	2 May 2004	HIMA	Birth	HIMA	EGG 2	
					KERNHOF	27 Dec 2013	HIMA	Transfer			
					OZVALD S	7 Aug 2014	HIMA	Transfer			
					MALKIA PK	4 Jun 2016	HIMA	Transfer			

Totals: 0.1.0 (1)

Linton Zoo Conservation Park, Linton, Cambridgeshire, England (UK)

2587	M	27 Aug 2005	1735	1732	BASEL	27 Aug 2005	050017	Birth	CENTURIO	BASEL 53	981098100217782
					LINTON	17 Apr 2007	409	Transfer			
3216	F	4 May 2015	2858	2827	KREFELD	4 May 2015	2252	Birth	NEFELI	KREFELD	72900200000029975
					LINTON	28 Nov 2016	LZM766	Transfer			

Totals: 1.1.0 (2)

South Lakes Wild Animal Park, Dalton-in-Furness, Cumbria, England (UK)

2888	M	2 May 2011	2277	2318	SALZBURG	2 May 2011	S1339	Birth	WOLFGANG	SALZB 7	982000161012970
					SO LAKES	25 Nov 2012	UU0001	Transfer			
2976	F	23 Jun 2012	2503	2315	HELSINKI	23 Jun 2012	212044	Birth	KADI	HKI 111	956000008413979
					SO LAKES	22 Oct 2013	UU0002	Transfer			
3253	F	11 Jun 2016	2888	2976	SO LAKES	11 Jun 2016	UU0006	Birth	NATASJA	LAKES 4	956000004761407

Totals: 1.2.0 (3)

Lakeland Wildlife Oasis, Milnthorpe, Cumbria, England (UK)

2763	M	8 May 2006	1604	1743	WELWYN	8 May 2006	PAVAN	Birth	PAVAN		981000008150202
					LAKELND O	5 Apr 2011	211	Transfer			

2860	F	5 May 2010	1846	2273	KREFELD LAKELOND O	5 May 2010 20 Dec 2011	1991 221	Birth Transfer	TARA	KREFELD 7096800005546636
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Totals: 1.1.0 (2)

Marwell Wildlife, Winchester, Hampshire, England (UK)

2701	F	23 May 2008	2565	2496	HUNBSTRND MARWELL	23 May 2008 19 Jan 2010	208042 8613	Birth Transfer	IRINA	HUNNEB 21 977200007238097
2713	M	27 Apr 2008	2466	2265	ZURICH MARWELL	27 Apr 2008 19 Jan 2010	A80095 8612	Birth Transfer	INDEEVER	ZURICH 54 941000017378759

Totals: 1.1.0 (2)

Paradise Wildlife Park, Broxbourne, Hertfordshire, England (UK)

2931	M	7 May 2011	2479	2431	USTI BROXBOURN	7 May 2011 7 Feb 2013	UL1701 M788	Birth Transfer	PANJA	USTI 2 967000002072634
3116	F	28 Apr 2014	2567	2599	COLWYNBAY BROXBOURN	28 Apr 2014 12 Nov 2015	3599 M866	Birth Transfer	JESSIE	COLWYN 7 956000003624756

Totals: 1.1.0 (2)

Howletts Wild Animal Park, Hythe, Kent, England (UK)

2828	F	22 May 2010	2487	2558	BANHAM BEKESBRNE	22 May 2010 30 Sep 2011	6375 H21161	Birth Transfer	ZIVA	BANHAM 21 968000005301607
2981	M	29 May 2012	2777	2776	KOLN BEKESBRNE	29 May 2012 17 Oct 2013	4536 H21287	Birth Transfer	NURI	KOLN 12 900200000020502

Totals: 1.1.0 (2)

Wildlife Heritage Foundation, Smarden Ashford, Kent, England (UK)

2815	F	4 Apr 2010	2627	1962	PLANCKNDL HEADCORN	4 Apr 2010 14 Sep 2011	236006 WHF068	Birth Transfer	LAILA	PLANCKEN1 981100002350120
2906	M	27 Apr 2011	2280	2475	MOSCOW HEADCORN	27 Apr 2011 26 Jun 2013	110187 WHF095	Birth Transfer	YARKO	MOSCOW 56 972270000024819

Totals: 1.1.0 (2)

Banham Zoo, Banham, Norfolk, England (UK)

2487	M	28 Apr 2004	1706	1767	SANTAGO BANHAM	28 Apr 2004 22 Jan 2006	ROCKY 5370	Birth Transfer	ROCKY	SANTAGO 5 958120021343422
2558	F	27 May 2005	2178	2068	TOKYOTAMA BANHAM	27 May 2005 1 Jun 2006	4515 5467	Birth Transfer	ENIF	TAMA 15 00063B6C91

Totals: 1.1.0 (2)

Thrigby Hall Wildlife Gardens, Great Yarmouth, Norfolk, England (UK)

2996	M	28 Apr 2012	2466	2265	ZURICH YARMOUTH	28 Apr 2012 14 Nov 2013	B20085 29705733	Birth Transfer	MOHAN	ZURICH 56 000708D198
2998	F	2 Jun 2012	2627	2653	PLANCKNDL YARMOUTH	2 Jun 2012 13 Nov 2013	236009 29705736	Birth Transfer	NIMA	PLANCKEN3 981100002795601

Totals: 1.1.0 (2)

Twycross Zoo, Atherstone, Warwickshire, England (UK)

2709	F	24 May 2008	2494	2477	KOLMARDEN HUNBSTRND KOLMARDEN HUNBSTRND TWYXCROSS	24 May 2008 16 Jun 2008 19 Jun 2008 4 Aug 2008 3 Mar 2010	10602 208132 10602 208132 5895	Birth Transfer Transfer Transfer Transfer	IRMA	KOLMARD 4 96800000412775
2740	M	9 Apr 2008	2178	2068	TOKYOTAMA TWYXCROSS	9 Apr 2008 3 Mar 2010	5664 5896	Birth Transfer	SUOU	TAMA 22 968000004898447
3270	F	7 Apr 2017	2740	2709	TWYXCROSS	7 Apr 2017	7417	Birth	EVA	TWYXCROSS 598000003820911
3271	F	7 Apr 2017	2740	2709	TWYXCROSS	7 Apr 2017	7418	Birth	CEBA	TWYXCROSS 6956000003809599

Totals: 1.3.0 (4)

Dudley Zoological Gardens, Dudley, West Midlands, England (UK)

2826	M	22 May 2010	2487	2558	BANHAM DUDLEY	22 May 2010 16 Sep 2011	6373 3924	Birth Transfer	MARGAASH	BANHAM 19 968000005299402
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3179	F	1 Jun 2015	2671	3029	BEAUVAL DUDLEY	1 Jun 2015 7 Oct 2016	M01785 4608	Birth Transfer	TAIGA	BEAUVAL 13250228739004141
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Totals: 1.1.0 (2)

Highland Wildlife Park, Kingussie, Highland, Scotland (UK)

3042	F	21 Apr 2013	2713	2701	MARWELL KINGUSSIE	21 Apr 2013 22 Jul 2015	9300 5908	Birth Transfer	ANIMESH	MARWELL 35956000008271486
3100	M	13 Jun 2013	2859	2827	KREFELD KINGUSSIE	13 Jun 2013 8 Apr 2015	2156 5837	Birth Transfer	CHAN	KREFELD 71900200000033970

Totals: 1.1.0 (2)

Welsh Mountain Zoo, Colwyn Bay Conwy, Clwyd, Wales (UK)

2567	M	2 May 2005	2295	2289	SZEGED COLWYNBAY	2 May 2005 14 Apr 2006	2133 2106	Birth Transfer	SZECSUAN	SZEGED 2 968000001258290
2599	F	29 Apr 2005	1988	1926	TALLIN COLWYNBAY	29 Apr 2005 14 Apr 2006	15620 2104	Birth Transfer	OTILIA	TALLINN 3000061F7E1F

Totals: 1.1.0 (2)

Zoological Society of Ireland-Dublin, Dublin 8, Ireland

2644	M	2 May 2006	2110	1853	FONTAINE WUPPERTAL DUBLIN	2 May 2006 19 Dec 2007 23 Mar 2013	70PU13 207068 A13M12	Birth Transfer Transfer	QIEMO	DOUE 9 250229600022256
2936	F	20 May 2011	2492	2427	JIHlava DUBLIN	20 May 2011 23 Mar 2013	004013 A13M13	Birth Transfer	TASHI	JIH 15 956000001982234

Totals: 1.1.0 (2)

Zoo Ahtari (Ähtärin Eläinpuisto Oy), Ähtäri, Finland

3025	F	27 May 2013	2565	2496	HUNBSTRND AHTARI	27 May 2013 22 Aug 2015	213034 215059	Birth Transfer	SHYLA	HUNNEBO 25968000010082730
3206	M	9 Jun 2015	2996	2998	YARMOUTH AHTARI	9 Jun 2015 18 Jan 2017	29705806 217001	Birth Transfer	JAMAL	THRIGBY 1 953010000749092

Totals: 1.1.0 (2)

Helsinki Zoo, Helsinki, Finland

2499	F	23 May 2004	1921	1907	HELSINKI	23 May 2004	204052	Birth	VALMA	HKI 103 0001D25C77
2503	M	5 May 2004	2259	2265	ZURICH HELSINKI	5 May 2004 12 Jan 2006	A40098 206001	Birth Transfer	ERKHET	ZURICH 51 00066948BB

Totals: 1.1.0 (2)

Nordens Ark, Hunnebostrand, Göteborg, Sweden

2496	F	20 May 2004	1989	1852	HUNBSTRND	20 May 2004	204021	Birth	SAHELI	HUNNEB 18 977200005044157
3115	M	28 Apr 2014	2567	2599	COLWYNBAY HUNBSTRND	28 Apr 2014 5 Jul 2017	3598 217136	Birth Transfer	ARATAAN	COLWYN6 95600003893508

Totals: 1.1.0 (2)

Orsa Grönklitt Björnpark(Orsa Bear Pk), Orsa, Dalarna, Sweden

2816	M	7 May 2010	2593	2574	TREGOMZOO ORSA	7 May 2010 18 Nov 2011	MPAN06 SL2	Birth Transfer	SHAN	TREGOMR 3 250229600041599
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Totals: 1.0.0 (1)

Kolmardens Djurpark Ab, Kolmarden, Norrköping, Sweden

2845	F	29 Apr 2010	2566	2430	NURNBERG KOLMARDEN	29 Apr 2010 30 Nov 2011	M03017 11701	Birth Transfer	MIA	NRNBRG 2 968000005449542
3218	M	11 Apr 2015	2702	2643	JURQUES KOLMARDEN	11 Apr 2015 30 Mar 2017	1390 13228	Birth Transfer	OLAF	JURQ 13 250228700003964

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

3142	M	16 Jun 2014	1847	2887	MULHOUSE CALGARY	16 Jun 2014 9 Mar 2016	M14070 109525	Birth Transfer	PEMBA	MULHOU 13 250228730005369
3155	F	1 May 2014	2755	2800	KERNHOF CALGARY	1 May 2014 4 Dec 2015	LEIKA 109520	Birth Transfer	LEIKA	KERNHOF 4 0400097809150511

Totals: 1.1.0 (2)

Valley Zoo & John Janzen Nature Center, Edmonton, Alberta, Canada

2661	M	1 Jun 2007	2439	2133	TORONTO VALLEYZOO	1 Jun 2007 2 Jan 2010	41659 101153	Birth Transfer	KAZI	TORONTO 18000696D07D
3034	F	8 Jun 2013	2510	2579	GRANBY VALLEYZOO	8 Jun 2013 15 Oct 2014	M13020 101411	Birth Transfer	INDIRA	GRANBY 17 151451064A

Totals: 1.1.0 (2)

Assiniboine Park Zoo, Winnipeg, Manitoba, Canada

2780	F	25 May 2009	2659	2563	SEATTLE WINNIPEG	25 May 2009 21 Jun 2011	203101 M00013	Birth Transfer	BATU	SEATTLE 320006D17429
2842	M	8 Jun 2010	2650	2628	TULSA WINNIPEG	8 Jun 2010 21 Sep 2011	16075 M00126	Birth Transfer	HENRY JAMES	TULSA 7 036777781
3171	M	15 May 2015	2842	2780	WINNIPEG	15 May 2015	22033	Birth	YUKI	ASSINIB 34956000003658254

Totals: 2.1.0 (3)

Cherry Brook Zoo Inc, St John, New Brunswick, Canada

2506	F	21 May 2004	1098	1832	WINNIPEG ST JOHN	21 May 2004 8 Apr 2005	E00195 2506	Birth Transfer	40	ASSINIB 26000643ED99
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Totals: 0.1.0 (1)

Toronto Zoo, Scarborough, Ontario, Canada

2901	F	25 May 2011	2178	2168	TOKYOTAMA TORONTO	25 May 2011 5 Oct 2015	6562 48513	Birth Transfer	ENA	TAMA 27 0006D59C80
3303	M	18 May 2017	2439	2901	TORONTO	18 May 2017	49459	Birth		TORONTO 23
3304	F	18 May 2017	2439	2901	TORONTO	18 May 2017	49460	Birth		TORONTO 24

Totals: 1.2.0 (3)

Jungle Cat World Wildlife Park Inc, Orono, Ontario, Canada

2075	F	29 Jul 1998	1281	1201	GRANBY ORONO	29 Jul 1998 7 Apr 1999	M98095 K99012	Birth Transfer	PAKI	GRANBY 7 00013CFE65
2759	M	11 May 2009	2232	2222	MANHATTAN ORONO	11 May 2009 27 Oct 2010	200906 K10010	Birth Transfer	BALEK	MANHAT 7 0006DF8010
3118	F	7 May 2014	2831	2562	TAUTPHAUS ORONO	7 May 2014 24 Mar 2016	14M021 K16003	Birth Transfer	ANNIKA	IDAHO 10 835343603

Totals: 1.2.0 (3)

Papanack Park Zoo, Wendover, Ontario, Canada

2325	F	28 Jun 2002	2127	1963	BERLIN TP PAPANACK	28 Jun 2002 30 Mar 2004	M02010 BERLYN	Birth Transfer	BERLYN	BERLTP 8 968000000721006
2342	M	28 May 2001	1950	1592	PAPANACK	28 May 2001	GRUMPI	Birth	GRUMPIER	PAPANACK 4

Totals: 1.1.0 (2)

Granby Zoo / Zoo De Granby, Granby, Quebec, Canada

2579	F	19 Jul 2005	1098	1832	WINNIPEG GRANBY	19 Jul 2005 6 Mar 2006	F00164 M05031	Birth Transfer	SNOWFLAKE	ASSINIB 27000603C18E
3170	M	15 May 2015	2842	2780	WINNIPEG GRANBY	15 May 2015 27 Jul 2017	22032 M15049	Birth Transfer	KANG	ASSINIB 33956000003728242
3176	F	30 May 2015	2510	2579	GRANBY	30 May 2015	M15016	Birth	ELSA	GRANBY 18 152262683A

Totals: 1.2.0 (3)

Alaska Zoo, Anchorage, Alaska, USA

2833	M	6 Jun 2010	2350	2363	RIO GRAND ANCHORAGE	6 Jun 2010 4 Apr 2011	M10013 20112	Birth Transfer	NAKAI	ALBUQ 9
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Totals: 1.0.0 (1)

Moonridge Animal Park, Big Bear Lake, California, USA

2950	F	2 May 2012	2659	2563	SEATTLE BIG BEAR	2 May 2012 23 Jun 2014	204107 2950	Birth Transfer		SEATTLE 340006F0F57F
2951	F	2 May 2012	2659	2563	SEATTLE LOSANGELE BIG BEAR	2 May 2012 4 Jun 2012 23 Jun 2014	204110 992837 2951	Birth Transfer Transfer		SEATTLE 350006EE1B85

Totals: 0.2.0 (2)

Micke Grove Zoo, Lodi, California, USA

3006	F	3 May 2013	2350	2363	RIO GRAND LODI	3 May 2013 31 Dec 2013	M13007 M14001	Birth Transfer	TRINI	ALBUQ 15 0006FCC4CB
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Totals: 0.1.0 (1)

Los Angeles Zoo & Botanical Gardens, Los Angeles, California, USA

2958	M	14 Jun 2012	2698	2615	SYRACUSE LOSANGELE	14 Jun 2012 30 Sep 2014	M12066 993444	Birth Transfer	BAJEN	SYRAC 6
3110	F	14 Apr 2014	2437	2714	AKRON LOSANGELE	14 Apr 2014 25 May 2015	101308 993610	Birth Transfer	MALAYA	AKRON 4 010059037
3278	M	13 May 2017	2958	3110	LOSANGELE	13 May 2017	994351	Birth	MERU	LA 30 842355575
3279	F	12 May 2017	2958	3110	LOSANGELE	12 May 2017	994350	Birth	MARAI	LA 31 842329527

Totals: 2.2.0 (4)

Sacramento Zoo, Sacramento, California, USA

2922	M	7 Aug 2011	2510	2579	GRANBY SACRAMNTO	7 Aug 2011 30 Oct 2012	M11011 101158	Birth Transfer	BLIZZARD	GRANBY 16 151446016A
3011	F	13 May 2013	2764	2349	DENVER SACRAMNTO	13 May 2013 17 Apr 2014	A13085 101203	Birth Transfer	MISHA	DENVER 22 985111000311342

Totals: 1.1.0 (2)

San Diego Zoo, San Diego, California, USA

2418	F	29 Mar 2003	1661	1868	MEMPHIS PITTSBURG MEMPHIS SAN DIEGOZ	29 Mar 2003 13 May 2005 28 Jul 2005 9 Apr 2006	21033 101989 21033 506105	Birth Transfer Transfer Transfer	ANNA	MEMPHIS 15
2959	M	14 Jun 2012	2698	2615	SYRACUSE SAN DIEGOZ	14 Jun 2012 21 Oct 2014	M12067 514179	Birth Transfer	RAMIL	SYRAC 7
3079	F	29 Apr 2013	3053	3052	TANGAN WP SAN DIEGOZ	29 Apr 2013 16 Aug 2014	B13106 514152	Birth Transfer	PENNY	TWP 32

Totals: 1.2.0 (3)

San Francisco Zoological Gardens, San Francisco, California, USA

2442	F	25 May 2003	1866	2152	JOHN BALL SAN FRAN	25 May 2003 7 Dec 2011	302722 111037	Birth Transfer	KELLEY	GRAPIDS 8 0006057635
3038	M	29 Jun 2013	2842	2780	WINNIPEG COLUMBUS SAN FRAN	29 Jun 2013 20 Sep 2017 14 Nov 2017	P00117 217063 117026	Birth Transfer Transfer	RAJ	ASSINIB 30000702370F
3177	F	30 May 2015	2510	2579	GRANBY COLUMBUS SAN FRAN	30 May 2015 20 Sep 2017 15 Nov 2017	M15017 217064 117027	Birth Transfer Loan	ANNA	GRANBY 19 152258263A

Totals: 1.2.0 (3)

Santa Barbara Zoological Gardens, Santa Barbara, California, USA

2012 neutM		22 Jun 1997	1354	1386	CHICAGOLP SAN DIEGOZ S BARBARA	22 Jun 1997 6 Apr 2006 19 Oct 2011	10091 506103 700554	Birth Transfer Transfer	EVERETT	LPZ 36 00000D5C65
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2438	F	18 May 2003	1383	1818	SAN ANTON	18 May 2003	Y03059	Birth	HANNAH	SAZ 43	413F3A746D
					AKRON	15 Dec 2004	100199	Transfer			
					S BARBARA	18 Dec 2008	700360	Transfer			

Totals: 1.1.0 (2)

Exotic Feline Breeding Compound Inc, Rosamond, California, USA

3036	M	8 Jul 2013	2865	2878	STUTTGART	8 Jul 2013	9797	Birth	KARIM	STUTTG 22	900200000020745
					ROSAMOND	4 Mar 2015	560	Transfer			
3061	F	7 Jun 2008	1947	3048	TANGAN WP	7 Jun 2008	B08086	Birth	ANNIE	TWP 13	0A01601846
					ROSAMOND	20 May 2009	449	Transfer			
3152	F	27 May 2014	2883	2925	BERLIN TP	27 May 2014	M05694	Birth	NAINA	BERLTP16	90020000097771
					ROSAMOND	16 Feb 2016	544	Transfer			

Totals: 1.2.0 (3)

Sierra Endangered Cat Haven, Dunlap, California, USA

3082	M	22 May 2013	3063	3062	TANGAN WP	22 May 2013	B13109	Birth	ROD	TWP 35	
					DUNLAP	12 Jun 2013	ROD	Transfer			
3120	F	16 Apr 2014	3053	3052	TANGAN WP	16 Apr 2014	B14115	Birth	ANA	TWP 40	
					COLUMBUS	24 Apr 2014	214028	Transfer			
					TANGAN WP	15 Oct 2014	B14115	Transfer			
					DUNLAP	7 Jun 2016	ANA	Transfer			
3121	F	16 Apr 2014	3053	3052	TANGAN WP	16 Apr 2014	B14116	Birth	ELSA	TWP 41	
					COLUMBUS	24 Apr 2014	214029	Transfer			
					TANGAN WP	15 Oct 2014	B14116	Transfer			
					DUNLAP	7 Jun 2016	ELSA	Transfer			

Totals: 1.2.0 (3)

Leopards Etc (Barbara Dicely), Occidental, California, USA

2311	F	6 Jun 2001	1947	1607	OAKHILL	6 Jun 2001	212120	Birth	ASHAKIRAN	OAKHILL 16	
					DICELY B	14 Oct 2001	ASHAKI	Transfer			

Totals: 0.1.0 (1)

Cheyenne Mtn Zoological Park, Colorado Springs, Colorado, USA

2723	M	18 Jul 2008	2350	2363	RIO GRAND	18 Jul 2008	MO8027	Birth	BHUTAN	ALBUQ 6	00064D7077
					COLO SPRG	2 Aug 2009	29M048	Transfer			

Totals: 1.0.0 (1)

Denver Zoological Gardens, Denver, Colorado, USA

2349	F	9 Apr 2001	1217	1441	RACINE	9 Apr 2001	M0118	Birth	NATASHA	RACINE 3	00061B3346
					DENVER	31 Jul 2002	A02319	Transfer			
2764	M	7 May 2009	2485	2089	HOGLE	7 May 2009	U09015	Birth	HIMAL	SLCZ 15	011063551
					DENVER	14 May 2010	A10093	Transfer			

Totals: 1.1.0 (2)

Zoological Imports 2000 Inc, Miami, Florida, USA

3095	F	12 Sep 2013	3058	3056	TANGAN WP	12 Sep 2013	B13114	Birth		TWP 39	
					ZOO IMPRT	31 Oct 2013	3095	Transfer			

Totals: 0.1.0 (1)

Zoo Boise, Boise, Idaho, USA

2651	M	4 May 2007	2421	2170	LANSING	4 May 2007	2813	Birth	TASHI	LANSING 5	113229574A
					BOISE	14 Dec 2007	207043	Transfer			
2760	F	11 May 2009	2232	2222	MANHATTAN	11 May 2009	200907	Birth	KABITA	MANHAT 8	0006CE721F
					BOISE	19 Apr 2011	211010	Transfer			

Totals: 1.1.0 (2)

Tautphaus Park Zoo, Idaho Falls, Idaho, USA

2562	F	30 Apr 2005	1571	1626	TAUTPHAUS	30 Apr 2005	K5M017	Birth	SUNDARII	IDAHO 6	052052596
2831	M	2 Jun 2010	2508	2500	BUFFALO	2 Jun 2010	M10031	Birth	KETU	BUFFALO	154C12726A45
					WAHPETON	17 Feb 2011	201102	Transfer			
					TAUTPHAUS	13 Dec 2012	12M019	Transfer			

3250	M	10 May 2016	2831	2562	TAUTPHAUS	10 May 2016	16M009	Birth		IDAHO 12	835322015
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Totals: 2.1.0 (3)

Miller Park Zoo, Bloomington, Illinois, USA

2818	M	12 May 2010	2602	2368	OKLAHOMA BLOOMINGT	12 May 2010 23 Mar 2011	770466 M11004	Birth Transfer	RILU	OKCZ 44	0006C67B08
2829	F	11 May 2010	2510	2579	GRANBY NY BRONX BLOOMINGT	11 May 2010 12 Oct 2011 20 Sep 2012	M10023 M11137 M12063	Birth Transfer Transfer	HIMA	GRANBY 12	100335116
3190	F	6 May 2015	2818	2829	BLOOMINGT	6 May 2015	M15017	Birth	NeeCee	BLOOM 14	0007249DEC
3236	F	12 May 2016	2816	2829	BLOOMINGT	12 May 2016	M16019	Birth		BLOOM 15	000724E940
3237	F	12 May 2016	2818	2829	BLOOMINGT	12 May 2016	M16022	Birth		BLOOM 16	0007243E1

Totals: 1.4.0 (5)

Chicago Zoological Society, Brookfield, Illinois, USA

3020	M	26 May 2013	2573	2662	PHILADELP CHICAGOBR	26 May 2013 14 Nov 2017	105024 80406	Birth Transfer	BUCK	PHILA 25	0007537153
3187	F	16 Jun 2015	2848	2867	CHICAGOBR	16 Jun 2015	5541	Birth	MALAYA	BROOKF 20	031080544

Totals: 1.1.0 (2)

Lincoln Park Zoological Gardens, Chicago, Illinois, USA

3088	M	19 Jul 2013	2750	2843	MEMPHIS CHICAGOLP	19 Jul 2013 2 Nov 2014	13M019 23468	Birth Transfer	TAZA	MEMPHIS	1800074F94E4
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Totals: 1.0.0 (1)

Niabi Zoo, Coal Valley, Illinois, USA

3005	F	3 May 2013	2350	2363	RIO GRAND COAL VAL	3 May 2013 24 Jan 2014	M13008 M2317	Birth Transfer	KIRA	ALBUQ 14	
3009	M	10 May 2013	2650	2628	TULSA COAL VAL	10 May 2013 24 May 2014	16832 M2328	Birth Transfer	NIKO	TULSA 14	009809815

Totals: 1.1.0 (2)

Potawatomi Zoo, South Bend, Indiana, USA

2910	M	9 Jun 2011	2573	2662	PHILADELP SOUTHBEND	9 Jun 2011 4 Oct 2012	104843 32049	Birth Transfer	DIAN	PHILA 12	0006FD3D42
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Totals: 1.0.0 (1)

Blank Park Zoo of Des Moines, Des Moines, Iowa, USA

2446	F	25 Jun 2003	1687	1746	MILL MOUN DES MOINE	25 Jun 2003 14 Jun 2005	497 1710	Birth Transfer		ROANOKE 7	061541008
2765	M	26 May 2009	1800	2101	LOSANGELE ROCHESTER DES MOINE	26 May 2009 7 May 2010 8 Dec 2011	991867 105758 2380	Birth Transfer Transfer	TAI LUNG	LA 28	034862296

Totals: 1.1.0 (2)

Lee Richardson Zoo, Garden City, Kansas, USA

2915	M	21 Jul 2011	2350	2363	RIO GRAND GARDENCTY	21 Jul 2011 6 Apr 2013	M11015 113007	Birth Transfer	KALMALI	ALBUQ 13	0006FCDCD9
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Totals: 1.0.0 (1)

Sunset Zoo, Manhattan, Kansas, USA

2232	M	15 Apr 2000	1574	1737	ST PAUL MANHATTAN	15 Apr 2000 17 Apr 2002	2417 200213	Birth Transfer	NANDA	ST.PAUL	110000F6B488
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Totals: 1.0.0 (1)

Tanganyika Wildlife Park (Jim Fouts), Goddard, Kansas, USA

3052	F	22 May 2005	1620	1834	TANGAN WP	22 May 2005	B05104	Birth	PRINCESS	TWP 4	
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3053	M	12 Jun 2005	1947	1607	TANGAN WP	12 Jun 2005	B05078	Birth	BORIS	TWP 5
					NASHV ZOO	20 Jun 2005	2390	Transfer		
					TANGAN WP	14 Oct 2005	B05078	Transfer		
3056	F	11 Jul 2006	3046	1607	TANGAN WP	11 Jul 2006	B06081	Birth	MADDY	TWP 8
					NASHV ZOO	5 Oct 2006	2603	Transfer		
					TANGAN WP	15 Dec 2006	B06081	Transfer		
3058	M	23 Jun 2007	1947	3048	TANGAN WP	23 Jun 2007	B07083	Birth	ROCKY	TWP 10
					COLUMBUS	24 Jul 2007	207032	Transfer		
					TANGAN WP	30 Jan 2008	B07083	Transfer		
3062	F	1 Jun 2009	3055	3054	TANGAN WP	1 Jun 2009	B09087	Birth	CUDDLES	TWP 14
3063	M	21 May 2009	3053	3052	TANGAN WP	21 May 2009	B09088	Birth	PABU	TWP 15
					COLUMBUS	23 Jun 2009	209126	Transfer		
					TANGAN WP	23 Jan 2010	B09088	Transfer		
3175	F	25 May 2015	2350	2363	RIO GRAND	25 May 2015	M15015	Birth	KARLI	ALBUQ 16 000780B068
					TANGAN WP	1 Apr 2016	A16413	Transfer		
3208	M	6 Sep 2015	3058	3056	TANGAN WP	6 Sep 2015	B15297	Birth	CASPER	TWP 55
					COLUMBUS	28 Sep 2015	215094	Transfer		
					TANGAN WP	13 Mar 2016	B15297	Transfer		
3309	F	6 May 2017	3053	3052	TANGAN WP	6 May 2017	B17626	Birth		TWP 60
3311	F	8 May 2017	3058	3056	TANGAN WP	8 May 2017	B17628	Birth		TWP 62
3310	M	8 May 2017	3058	3056	TANGAN WP	8 May 2017	B17627	Birth	BRANCH	TWP 61
					COLUMBUS	6 Jun 2017	217039	Transfer		
					TANGAN WP	7 Nov 2017	B17627	Transfer		
3312	M	13 May 2017	3063	3062	TANGAN WP	13 May 2017	B17630	Birth		TWP 63
3313	F	13 May 2017	3063	3062	TANGAN WP	13 May 2017	B17631	Birth	POPPY	TWP 64
					COLUMBUS	6 Jun 2017	217040	Transfer		
					TANGAN WP	7 Nov 2017	B17631	Transfer		

Totals: 6.7.0 (13)

Rolling Hills Wildlife Adventure, Salina, Kansas, USA

2511	F	22 Apr 2004	1415	1663	ROLLING H	22 Apr 2004	240423	Birth	KUMARI	SALINA 2 0006352745
					RACINE	21 Feb 2006	M0605	Transfer		
					MINOT	5 Mar 2008	517	Transfer		
					ST PAUL	14 Nov 2008	3352	Transfer		
					BISMARCK	19 Oct 2015	3077	Transfer		
					ROLLING H	7 Mar 2017	240423	Transfer		
2779	M	25 May 2009	2659	2563	SEATTLE	25 May 2009	203100	Birth	GOBI	SEATTLE 3100069AB1B9
					ROLLING H	7 Apr 2011	110408	Transfer		

Totals: 1.1.0 (2)

Louisville Zoological Garden, Louisville, Kentucky, USA

2909	M	9 Jun 2011	2573	2662	PHILADELP	9 Jun 2011	104842	Birth	KIMTI	PHILA 11 0006FD2390
					MANHATTAN	17 May 2012	201204	Transfer		
					LOUISVILL	28 Mar 2013	103292	Transfer		

Totals: 1.0.0 (1)

Zoo New England Stone Zoo, Boston, Massachusetts, USA

2445	M	25 Jun 2003	1687	1746	MILL MOUN	25 Jun 2003	496	Birth	HARRY	ROANOKE 6 061626302
					DULUTH	7 Dec 2005	100282	Transfer		
					STONEHAM	7 Feb 2013	A13002	Transfer		
2762	F	15 May 2009	2439	2133	TORONTO	15 May 2009	43345	Birth	KIRA	TORONTO 210006DD7DEA
					STONEHAM	31 May 2011	A11019	Transfer		

Totals: 1.1.0 (2)

Potter Park Zoological Gardens, Lansing, Michigan, USA

2170	F	22 Apr 1998	982	1653	LANSING	22 Apr 1998	2232	Birth	SERENA	LANSING 1
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Totals: 0.1.0 (1)

Binder Park Zoo, Battle Creek, Michigan, USA

2947	M	14 May 2012	2437	2714	AKRON	14 May 2012	101039	Birth	RAJ	AKRON 1 074005256
					BATTLE CR	5 Mar 2013	M12032	Transfer		

Totals: 1.0.0 (1)

John Ball Zoo, Grand Rapids, Michigan, USA

2616	M	13 Jun 2006	1602	1976	OMAHA	13 Jun 2006	16383	Birth	BO	OMAHA 31	4731292406
					NY BRONX	1 Oct 2008	M08131	Transfer			
					CENTRALPK	2 Apr 2009	M08131	Transfer			
					SIOUX FAL	14 Nov 2012	4497	Transfer			
					ST PAUL	29 Oct 2015	4060	Transfer			
					JOHN BALL	3 Aug 2017	334402	Transfer			

Totals: 1.0.0 (1)

Lake Superior Zoological Gardens, Duluth, Minnesota, USA

2914	M	21 Jul 2011	2350	2363	RIO GRAND	21 Jul 2011	M11014	Birth	KIRAN	ALBUQ 12	0006FCC3BC
					DULUTH	7 Feb 2013	100389	Transfer			

Totals: 1.0.0 (1)

Como Park Zoo and Conservatory, St Paul, Minnesota, USA

3013	M	29 Apr 2013	2593	2574	TREGOMZOO	29 Apr 2013	MPAN08	Birth	MOUTIG	TREGOMR 6	250229600061428
					PONTSCORF	27 Jun 2016	100806	Transfer			
					TREGOMZOO	30 Nov 2016	MPAN08	Transfer			
					ST PAUL	15 Dec 2016	4289	Transfer			
3153	F	27 May 2014	2883	2925	BERLIN TP	27 May 2014	M05695	Birth	ALYA	BERLTP17	90020000096435
					ST PAUL	2 Feb 2017	4293	Transfer			

Totals: 1.1.0 (2)

Saint Louis Zoological Park, St Louis, Missouri, USA

2509	M	22 Jun 2004	1771	2347	SIOUX FAL	22 Jun 2004	3133	Birth	LEI	SIOUX F 7	063517625
					ST PAUL	12 Oct 2012	3715	Transfer			
					ST LOUIS	10 Dec 2015	119405	Transfer			
2699	F	19 May 2008	2219	2368	OKLAHOMA	19 May 2008	770263	Birth	PUJII	OKCZ 43	0006CB9713
					MINOT	15 Apr 2009	527	Transfer			
					BISMARCK	9 Dec 2010	2671	Transfer			
					SIOUX FAL	27 May 2011	4267	Transfer			
					BISMARCK	27 Jun 2011	2671	Transfer			
					ST LOUIS	3 Nov 2015	118013	Transfer			

Totals: 1.1.0 (2)

Triple D Game Farm Inc, Kalispell, Montana, USA

3065	M	10 May 2010	3053	3052	TANGAN WP	10 May 2010	B10090	Birth	PRINCE	TWP 17
					KALISPELL	5 Dec 2010	PRINCE	Transfer		
3076	F	13 May 2012	3058	3056	TANGAN WP	13 May 2012	B12101	Birth	ARYAA	TWP 29
					KALISPELL	12 Jun 2012	ARYAA	Transfer		

Totals: 1.1.0 (2)

Lincoln Childrens Zoo (former Folsom), Lincoln, Nebraska, USA

3021	F	26 May 2013	2573	2662	PHILADELP	26 May 2013	105025	Birth	RANNEY	PHILA 26	000753EB74
					LINCOLN C	13 Jan 2015	1720	Transfer			
3031	M	13 Jun 2013	2848	2867	CHICAGOBR	13 Jun 2013	4591	Birth	EVEREST	BROOKF 19	008776287
					LINCOLN C	21 Oct 2014	1717	Transfer			

Totals: 1.1.0 (2)

Omaha's Henry Doorly Zoo, Omaha, Nebraska, USA

2761	M	15 May 2009	2439	2133	TORONTO	15 May 2009	43344	Birth	PASHA	TORONTO 200006DD93E2	
					OMAHA	31 May 2012	21557	Transfer			
3119	F	7 May 2014	2831	2562	TAUTPHAUS	7 May 2014	14M022	Birth	ROSEMARY	IDAHO 11	835311070
					OMAHA	11 Sep 2015	23346	Transfer			
3297	F	5 Jun 2017	2761	3119	OMAHA	5 Jun 2017	24487	Birth		OMAHA 33	

Totals: 1.2.0 (3)

Tiger Haven, Kingston, Tennessee, USA

3050	M	21 Jun 2002	1947	1607	TANGAN WP	21 Jun 2002	B02075	Birth	SALEM	TWP 2
					JCLAYTON	28 Nov 2002	GG MAN	Loan		
					TANGAN WP	1 Aug 2008	B02075	Transfer		
					MINOT	14 May 2013	580	Loan		
					TANGAN WP	8 Oct 2013	B02075	Transfer		
					TIGHAVENTN	2 Feb 2015	GEEGE	Transfer		

3185	M	15 May 2015	3063	3062	TANGAN WP	15 May 2015	B15257	Birth	HENRY	TWP 47	00075B2B6D
					COLUMBUS	8 Jun 2015	215065	Transfer			
					TANGAN WP	15 Nov 2015	B15257	Transfer			
					TIGHAVENTN	21 Jul 2016	HENRY	Transfer			
3186	M	15 May 2015	3063	3062	TANGAN WP	15 May 2015	B15258	Birth	GEORGE	TWP 48	000786A3F5
					COLUMBUS	8 Jun 2015	215066	Transfer			
					TANGAN WP	15 Nov 2015	B15258	Transfer			
					TIGHAVENTN	21 Jul 2016	GEORGE	Transfer			

Totals: 3.0.0 (3)

Turtle Back Zoo, West Orange, New Jersey, USA

2572	M	28 May 2005	1488	2349	DENVER	28 May 2005	A05193	Birth	GALA	DENVER 16	4554173424
					PHILADELPH	18 Apr 2006	104408	Transfer			
					W ORANGE	2 Aug 2011	6225	Transfer			
2956	F	10 Apr 2012	2146	2486	CAPE MAY	10 Apr 2012	3583	Birth	CHAMELI	CAPEMAY 5	009844047
					W ORANGE	5 Dec 2012	6278	Transfer			

Totals: 1.1.0 (2)

Cape May County Park Zoo, Cape May Court House, New Jersey, USA

2486	F	1 Jun 2003	1805	2013	KNOXVILLE	1 Jun 2003	2664	Birth	HIMANI	KNOXV 9	00064D5780
					CAPE MAY	5 Oct 2009	3449	Transfer			
2728	M	29 Jun 2008	1488	2349	DENVER	29 Jun 2008	A08202	Birth	BATAAR	DENVER 19	48326C4D33
					NY BRONX	12 Nov 2009	M09152	Transfer			
					CAPE MAY	2 Jun 2015	3700	Transfer			
3081	F	11 May 2013	3058	3056	TANGAN WP	11 May 2013	B13108	Birth	TYSA	TWP 34	
					COLUMBUS	29 May 2013	213045	Transfer			
					TANGAN WP	27 Oct 2013	B13108	Transfer			
					CAPE MAY	3 May 2016	3735	Transfer			
3317	F	19 May 2017	2728	3081	CAPE MAY	19 May 2017	3772	Birth	AHANA	CAPEMAY 8	

Totals: 1.3.0 (4)

Albuquerque Biological Park, Albuquerque, New Mexico, USA

2350	M	11 May 2001	1098	1832	WINNIPEG	11 May 2001	B00673	Birth	AZEO	ASSINIB	18127252270A
					ELMVALE	23 May 2002	AZEO	Transfer			
					RIO GRAND	17 Jun 2004	M04025	Transfer			
2867	F	4 Oct 2010	2578	2562	TAUTPHAUS	4 Oct 2010	KXM033	Birth	SARANI	IDAHO 10	047117811
					CHICAGOBR	13 Oct 2011	3955	Transfer			
					RIO GRAND	5 Dec 2017	M17019	Transfer			

Totals: 1.1.0 (2)

Binghamton Zoo At Ross Park, Binghamton, New York, USA

3107	M	20 Apr 2013	2146	2486	CAPE MAY	20 Apr 2013	3621	Birth	TUSHAR	CAPEMAY6	0007264996
					BINGHAMTO	16 Apr 2014	14015	Transfer			

Totals: 1.0.0 (1)

Bronx Zoo/Wildlife Conservation Society, Bronx, New York, USA

2222	F	28 May 2000	1172	1745	SEATTLE	28 May 2000	200132	Birth	TANJA	SEATTLE	290001BEB7CA
					MANHATTAN	5 Oct 2004	200421	Transfer			
					NY BRONX	8 Sep 2011	M11122	Transfer			
2347	F	4 May 2001	1687	1746	MILL MOUN	4 May 2001	463	Birth	MAYA	ROANOKE 5	025550273
					SIOUX FAL	19 May 2003	2923	Transfer			
					WATERTNSD	18 Apr 2006	2094	Transfer			
					COAL VAL	28 Jun 2012	M2301	Transfer			
					NY BRONX	9 Nov 2012	M12255	Transfer			
2372	M	30 May 2002	1753	2015	NY BRONX	30 May 2002	M02110	Birth	BHUTAN	BRONX 88	00067D0178
					CHICAGOLP	8 Jan 2009	22223	Transfer			
					CHICAGOBR	1 Feb 2011	3678	Transfer			
					NY BRONX	20 Sep 2012	M02110	Transfer			
2630	M	~ 2005	WILD	WILD	PAKISTAN	~ 2005	LEO	Capture	LEO	BRONX 103	
					NY BRONX	9 Aug 2006	M06156	Transfer			
2830	F	11 May 2010	2510	2579	GRANBY	11 May 2010	M10024	Birth	KALI	GRANBY 13	090274086
					NY BRONX	12 Oct 2011	M11136	Transfer			
2975	F	21 Apr 2012	2566	2430	NURNBERG	21 Apr 2012	M03408	Birth	JATA	NRNERG 5	96800005545403
					NY BRONX	13 May 2014	M14050	Transfer			
3014	M	9 Apr 2013	2630	2347	NY BRONX	9 Apr 2013	M13047	Birth	WILLIE	BRONX 106	012335830

3127	M	6 May 2014	2819	2830	NY BRONX	6 May 2014	M14044	Birth	MIKE	BRONX 107	032576886
3238	F	12 May 2016	2818	2829	BLOOMINGT NY BRONX	12 May 2016 21 Nov 2017	M16023 M17159	Birth Loan		BLOOM 17	0007245204
3277	F	13 May 2017	3014	2830	NY BRONX	13 May 2017	M17062	Birth	KHYBER	BRONX 109	

Totals: 4.6.0 (10)

Buffalo Zoo, Buffalo, New York, USA

3191	F	6 May 2015	2818	2829	BLOOMINGT BUFFALO	6 May 2015 5 Apr 2017	M15018 M17000	Birth Transfer	SABRINA	BLOOM 15	0007248F89
3229	M	5 Mar 2016	2437	2714	AKRON BUFFALO	5 Mar 2016 21 Sep 2017	101497 M17023	Birth Transfer	ALTAI	AKRON 7	010067367

Totals: 1.1.0 (2)

Central Park Zoo, New York, New York, USA

3089	M	2 Jun 2013	2670	2614	CENTRALPK	2 Jun 2013	C13039	Birth	SUMMIT	CENTRPK 1	
3090	F	2 Jun 2013	2670	2614	CENTRALPK	2 Jun 2013	C13040	Birth	RIVER	CENTRAL PK018050519	
3128	M	6 May 2014	2819	2830	NY BRONX CENTRALPK	6 May 2014 5 Dec 2017	M14045 M14045	Birth Transfer	IKE	BRONX 108	032788333
3129	F	1 Jun 2014	2670	2614	CENTRALPK	1 Jun 2014	C14034	Birth	MALALA	CENTRPK 3	018037050
3228	F	5 Mar 2016	2437	2714	AKRON CENTRALPK	5 Mar 2016 27 Sep 2017	101496 C17074	Birth Transfer	ASHA	AKRON 6	010042771

Totals: 2.3.0 (5)

Seneca Park Zoo, Rochester, New York, USA

2847	M	10 May 2010	2146	2486	CAPE MAY ROCHESTER	10 May 2010 9 Dec 2011	3489 105850	Birth Transfer	KABA	CAPEMAY 1	
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Totals: 1.0.0 (1)

Rosamond Gifford Zoo At Burnet Park, Syracuse, New York, USA

2698	M	19 May 2008	2219	2368	OKLAHOMA MINOT WATERTNSD SYRACUSE	19 May 2008 15 Apr 2009 31 May 2011 30 Oct 2011	770264 525 2622 M11016	Birth Transfer Transfer Transfer	SENGE	OKCZ 42	0006CBB4EEF
3188	F	16 Jun 2015	2848	2867	CHICAGOBR SYRACUSE	16 Jun 2015 17 Oct 2016	5542 M16182	Birth Transfer	DAANIA	BROOKF 21	031062874

Totals: 1.1.0 (2)

Utica Zoo, Utica, New York, USA

2131	M	30 May 1999	1601	1819	STONEHAM UTICA	30 May 1999 21 Feb 2002	99P015 102001	Birth Transfer	KI	BOSTON 3	0001320381
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Totals: 1.0.0 (1)

The Wild Animal Park, Chittenango, New York, USA

3262	F	24 Apr 2016	3053	3052	TANGAN WP CHITTENAN	24 Apr 2016 14 Jun 2016	TWP57 3262	Birth Transfer		TWP 57	
3263	M	9 May 2016	3058	3056	TANGAN WP CHITTENAN	9 May 2016 14 Jun 2016	TWP58 3263	Birth Transfer		TWP 58	

Totals: 1.1.0 (2)

Dakota Zoo, Bismarck, North Dakota, USA

2660	M	25 May 2006	1800	2101	LOSANGELE BISMARCK SIOUX FAL BISMARCK	25 May 2006 3 Jan 2008 27 May 2011 27 Jun 2011	991207 2459 4266 2459	Birth Transfer Transfer Transfer	JERRY	LA 27	093839885
3017	F	23 May 2013	2651	2760	BOISE BINGHAMTO BUFFALO BISMARCK	23 May 2013 16 Apr 2014 4 Dec 2014 4 Apr 2017	213033 14014 M14036 3152	Birth Transfer Transfer Transfer	GRACE	BOISE 2	000714DEDA

Totals: 1.1.0 (2)

Roosevelt Park Zoo, Minot, North Dakota, USA

3016	M	23 May 2013	2651	2760	BOISE MINOT	23 May 2013 19 Mar 2014	213032 600	Birth Transfer	MARTY	BOISE 1	000714EC45
3108	F	20 Apr 2013	2146	2486	CAPE MAY MINOT	20 Apr 2013 14 May 2014	3622 601	Birth Transfer	RAMANI	CAPEMAY7	107819576

Totals: 1.1.0 (2)

Chahinkapa Zoo, Wahpeton, North Dakota, USA

2832	M	2 Jun 2010	2508	2500	BUFFALO WAHPETON	2 Jun 2010 17 Feb 2011	M10032 201103	Birth Transfer	MAKALU	BUFFALO 164C127A2A6B
2923	F	7 Aug 2011	2510	2579	GRANBY WAHPETON	7 Aug 2011 22 May 2013	M11010 201328	Birth Transfer	FRIMAS	GRANBY 15 151448090A

Totals: 1.1.0 (2)

Akron Zoological Park, Akron, Ohio, USA

2714	F	16 Jun 2008	1805	2009	BATTLE CR AKRON	16 Jun 2008 25 Jun 2009	M08016 100738	Birth Transfer	SHANTI	BINDER 2	025005052
3227	M	5 Mar 2016	2437	2714	AKRON	5 Mar 2016	101495	Birth	LAYAN	AKRON 5	010059060

Totals: 1.1.0 (2)

Cincinnati Zoo & Botanical Garden, Cincinnati, Ohio, USA

2873	F	10 Jan 2011	2601	2154	CHATTANOOG CINCINNAT	10 Jan 2011 15 Mar 2012	1907 112013	Birth Transfer	RENJI	CHATT 1	071821376
2929	M	12 May 2011	2146	2486	CAPE MAY CINCINNAT	12 May 2011 11 Dec 2011	3545 111070	Birth Transfer	NUBO	CAPEMAY 3	107979294

Totals: 1.1.0 (2)

Cleveland Metroparks Zoo, Cleveland, Ohio, USA

2573	M	28 May 2005	1488	2349	DENVER PHILADELP CLEVELAND	28 May 2005 18 Apr 2006 15 Oct 2015	A05194 104409 151008	Birth Transfer Transfer	AMGA	DENVER 17	4558713910
2751	F	7 May 2009	2350	2363	RIO GRAND NY BRONX CLEVELAND	7 May 2009 18 Feb 2010 2 Dec 2014	M09017 M10019 141201	Birth Transfer Transfer	SOMBRA	ALBUQ 8	00046D5A08
3233	F	5 May 2016	2573	2751	CLEVELAND	5 May 2016	160502	Birth	SAMEERA	CLEVEL 14	

Totals: 1.2.0 (3)

Toledo Zoological Gardens, Toledo, Ohio, USA

3024	M	27 May 2013	2565	2496	HUNBSTRND TOLEDO	27 May 2013 6 Apr 2016	213033 11538	Birth Transfer	SHISHIR	HUNNEBO 26968000010082822	
3111	F	28 Apr 2014	2503	2499	HELSINKI TOLEDO	28 Apr 2014 15 Mar 2016	214017 11496	Birth Transfer	GRETA	HKI 114	934000011107115
3296	F	8 Jun 2017	3024	3111	TOLEDO	8 Jun 2017	12506	Birth	DARIGA	TOLEDO 11	

Totals: 1.2.0 (3)

Oklahoma City Zoological Park, Oklahoma City, Oklahoma, USA

2659	M	25 May 2006	1800	2101	LOSANGELE SEATTLE OKLAHOMA	25 May 2006 20 Dec 2007 17 Jun 2014	991206 202614 770568	Birth Transfer Transfer	TOM	LA 26	00066DDAFB
2730	F	29 Jun 2008	1488	2349	DENVER TOLEDO OKLAHOMA	29 Jun 2008 3 Nov 2009 14 Dec 2016	A08206 6474 770669	Birth Transfer Transfer	MILENKA	DENVER 21	48367B7E16

Totals: 1.1.0 (2)

Tulsa Zoo, Tulsa, Oklahoma, USA

2628	F	10 May 2006	2232	2222	MANHATTAN TULSA	10 May 2006 9 Apr 2008	200610 15567	Birth Transfer	SHERAB	MANHAT 5	000633B1E1
2650	M	25 Apr 2007	1488	2349	DENVER TULSA	25 Apr 2007 4 Mar 2008	A07114 15543	Birth Transfer	ROBBIE	DENVER 18	48373A2B39
3230	M	3 May 2016	2650	2628	TULSA	3 May 2016	17669	Birth	KAVI	TULSA 15	041782044
3231	M	3 May 2016	2650	2628	TULSA	3 May 2016	17670	Birth	AMIR	TULSA 16	041597602

3232 F 3 May 2016 2650 2628 TULSA 3 May 2016 17671 Birth ZAHRA TULSA 17 041073332

Totals: 3.2.0 (5)

Great Cats of the World (Craig Wagner), Cave Junction, Oregon, USA

3125 M 17 May 2014 3063 3062 TANGAN WP 17 May 2014 B14120 Birth MALAKAI TWP 45
CAVEJUNCT 13 Aug 2014 3125 Transfer

Totals: 1.0.0 (1)

The Philadelphia Zoo, Philadelphia, Pennsylvania, USA

2662 F 1 Jun 2007 2439 2133 TORONTO 1 Jun 2007 41673 Birth MAYA TORONTO 19000696BD48
PHILADELPH 9 Dec 2009 104711 Transfer

Totals: 0.1.0 (1)

Claws N' Paws Wild Animal Farm, Lake Ariel, Pennsylvania, USA

3054 F 16 Jun 2006 1620 1834 TANGAN WP 16 June 2006 B06079 Birth ANGEL TWP 6
CLAWSPAWS 15 Sep 2015 ANGEL Transfer

3055 M 11 Jul 2006 3046 1607 TANGAN WP 11 Jul 2006 B06080 Birth MAX TWP 7
NASHV ZOO 5 Oct 2006 2602 Transfer
TANGAN WP 15 Dec 2006 B06080 Transfer
CLAWSPAWS 15 Sep 2015 MAX Transfer

3197 F 30 Apr 2015 3053 3052 TANGAN WP 30 Apr 2015 B15254 Birth TWP 52
CLAWSPAWS 8 Aug 2015 3197 Transfer

Totals: 1.2.0 (3)

Roger Williams Park Zoo, Providence, Rhode Island, USA

2948 M 14 May 2012 2437 2714 AKRON 14 May 2012 101040 Birth SABU AKRON 2 074018555
PROVIDNCE 19 Mar 2013 100329 Transfer

2993 F 2 Oct 2012 2601 2154 CHATTANOG 2 Oct 2012 1905 Birth MALIHA CHATT 6 985121009586
PROVIDNCE 3 Jun 2014 100353 Transfer

Totals: 1.1.0 (2)

Great Plains Zoo, Sioux Falls, South Dakota, USA

2623 F 7 Jun 2006 1436 2015 NY BRONX 7 Jun 2006 M06111 Birth MINA BRONX 101 103265527
SIOUX FAL 12 Nov 2008 3889 Transfer

2670 M 24 Apr 2007 2127 1963 BERLIN TP 24 Apr 2007 M03225 Birth ASKAI BERLTP 13 968000004656109
NY BRONX 25 Nov 2008 M08161 Transfer
CENTRALPK 9 Nov 2012 M08161 Transfer
SIOUX FAL 29 Oct 2015 4737 Transfer

Totals: 1.1.0 (2)

Bramble Park Zoo, Watertown, South Dakota, USA

3109 M 14 Apr 2014 2437 2714 AKRON 14 Apr 2014 101309 Birth MAKALU AKRON 3 010065038
WATERTNSD 29 Apr 2015 2995 Transfer

Totals: 1.0.0 (1)

Chattanooga Zoo at Warner Park, Chattanooga, Tennessee, USA

3083 F 22 May 2013 3063 3062 TANGAN WP 22 May 2013 B13110 Birth CALLIE TWP 36 0A01601508
CHATTANOG 3 Feb 2015 1179 Transfer

Totals: 0.1.0 (1)

Memphis Zoological Garden & Aquarium, Memphis, Tennessee, USA

2750 M 7 May 2009 2350 2363 RIO GRAND 7 May 2009 M09016 Birth DARHAN ALBUQ 7 00064D424B
MEMPHIS 11 Feb 2010 22967 Transfer

2843 F 8 Jun 2010 2650 2628 TULSA 8 Jun 2010 16076 Birth ATERI TULSA 8 036796812
MEMPHIS 1 Mar 2011 23182 Transfer

3193 M 16 May 2015 2750 2843 MEMPHIS 16 May 2015 15M017 Birth MEMPHIS 19

Totals: 2.1.0 (3)

Utah's Hogle Zoo, Salt Lake City, Utah, USA

2089	F	4 May 1998	1534	1645	SYRACUSE	4 May 1998	M98005	Birth	NEMA	SYRAC 4	000132FF12
					NASHV ZOO	12 Jul 2000	1540	Transfer			
					DULUTH	9 Dec 2001	100181	Transfer			
					HOGLE	6 Dec 2007	U07083	Transfer			
2729	F	29 Jun 2008	1488	2349	DENVER	29 Jun 2008	A08205	Birth	KISA	DENVER 20	4737716971
					COLO SPRG	29 Jul 2009	29M049	Transfer			
					HOGLE	14 Nov 2013	U13012	Transfer			
2943	M	16 Apr 2012	2485	2089	HOGLE	16 Apr 2012	U12013	Birth	CHIMEEGUI	SLCZ 11	067089631

Totals: 1.2.0 (3)

Mill Mountain Zoo, Roanoke, Virginia, USA

2955	M	10 Apr 2012	2146	2486	CAPE MAY	10 Apr 2012	3584	Birth	BALI	CAPEMAY 4
					MILL MOUN	2 Dec 2012	12010	Transfer		

Totals: 1.0.0 (1)

Metro Richmond Zoo, Moseley, Virginia, USA

3078	M	29 Apr 2013	3053	3052	TANGAN WP	29 Apr 2013	B13105	Birth	NITRO	TWP 31
					COLUMBUS	29 May 2013	213044	Transfer		
					TANGAN WP	27 Oct 2013	B13105	Transfer		
					METRORICH	11 Sep 2014	114019	Transfer		
3093	F	12 Sep 2013	3058	3056	TANGAN WP	12 Sep 2013	B13112	Birth	ELSA	TWP 37
					COLUMBUS	27 Oct 2013	213126	Transfer		
					TANGAN WP	22 Apr 2014	B13112	Transfer		
					METRORICH	11 Sep 2014	114020	Transfer		
3265	M	24 May 2016	3078	3093	METRORICH	24 May 2016	016040	Birth		METROR 1
3266	F	24 May 2016	3078	3093	METRORICH	24 May 2016	016041	Birth		METROR 2

Totals: 2.2.0 (4)

Woodland Park Zoo, Seattle, Washington, USA

2563	F	30 Apr 2005	1571	1626	TAUTPHAUS	30 Apr 2005	K5M018	Birth	HELEN	IDAHO 7	051013063
					SEATTLE	16 Apr 2008	202682	Transfer			
2602	M	24 May 2005	1601	1819	STONEHAM	24 May 2005	P05030	Birth	HIRIN	BOSTON 7	000676BCFE
					SOUTHBEND	27 Feb 2007	27008	Transfer			
					OKLAHOMA	8 Dec 2008	770365	Transfer			
					SEATTLE	21 May 2014	205125	Transfer			
3314	M	6 Jul 2017	2602	2563	SEATTLE	6 Jul 2017	206363	Birth		SEATTLE 36	

Totals: 2.1.0 (3)

Milwaukee County Zoological Gardens, Milwaukee, Wisconsin, USA

2223	F	28 May 2000	1172	1745	SEATTLE	28 May 2000	200133	Birth	TOMIRIS	SEATTLE 300001BEB7CA
					MILWAUKEE	16 Jun 2005	5207	Transfer		
3134	F	3 May 2014	2466	2265	ZURICH	3 May 2014	B40404	Birth	ORYA	ZURICH 58 756098100641477
					MILWAUKEE	23 Aug 2016	5963	Transfer		
3151	M	9 Jul 2014	2698	2615	SYRACUSE	9 Jul 2014	M14138	Birth	ASA	SYRAC 9
					MILWAUKEE	15 Oct 2015	5915	Transfer		

Totals: 1.2.0 (3)

New Zoo, Green Bay, Wisconsin, USA

2220	F	20 Jun 2000	1135	1127	MILWAUKEE	20 Jun 2000	4699	Birth	TAMI	MIL 41	0006057EBF
						13 Feb 2007	4699	Transfer			
					SOUTHBEND	28 Feb 2007	27009	Transfer			
					GREENBAY	9 Jan 2009	200930	Transfer			
2421	M	24 May 2003	1800	1739	SACRAMNTO	24 May 2003	101066	Birth	BUSTER	SACRAM 3	000637FD10
					OKLAHOMA	26 Jan 2005	769260	Transfer			
					LANSING	13 Dec 2006	2800	Transfer			
					GREENBAY	20 Oct 2008	200841	Transfer			

Totals: 1.1.0 (2)

Patronato Del Parque Zoologico De Leon, León, Guanajuato, Mexico

2834	F	6 Jun 2010	2350	2363	RIO GRAND	6 Jun 2010	M10014	Birth	BELLA	ALBUQ 10	0006FCB517
					LEON	30 Jan 2012	MAM450	Transfer			

2835	F	6 Jun 2010	2350	2363	RIO GRAND LEON	6 Jun 2010 30 Jan 2012	M10015 MAM451	Birth Transfer	CARMELLA	ALBUQ 11	0006FC83B4
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Totals: 0.2.0 (2)

Parque Zoológico Buin Zoo, Buin, Santiago, Chile

2588	F	22 May 2005	2173	2201	AGRATE AUVERGNE BUIN ZOO	22 May 2005 17 Oct 2006 6 Feb 2016	1525 1525 JANA	Birth Transfer Transfer	JANA	NOVARA 16	968000003103743
2674	M	8 May 2007	2253	2260	KRAKOW AUVERGNE BUIN ZOO	8 May 2007 20 Nov 2008 6 Feb 2016	070608 070608 KOCHI	Birth Transfer Transfer	KOCHI	KRAKOW 11	00064DCC58

Totals: 1.1.0 (2)

Tallinn Zoo, Tallinn, Estonia

2598	M	29 Apr 2005	1988	1926	TALLIN	29 Apr 2005	15619	Birth	OTTO	TALLINN 29	
2991	F	4 Jun 2012	2564	2308	WARSAW TALLIN	4 Jun 2012 1 Apr 2014	S6889 19502	Birth Transfer	DELI	WARSAW 13	941000012397322

Totals: 1.1.0 (2)

Lietuvos Zoologijos Sodas, Kaunas, Lithuania

2886	M	25 May 2011	2671	2624	BEAUVAL KAUNAS	25 May 2011 2 May 2013	M0941 CPU047	Birth Transfer	DOKO	BEAUVAL 10250228700001387	
2907	F	27 Apr 2011	2280	2475	MOSCOW KAUNAS	27 Apr 2011 16 Oct 2012	110188 CPU044	Birth Transfer	SERKO	MOSCOW 57	972270000024523
3030	F	29 Apr 2013	2280	2475	MOSCOW AHTARI KAUNAS	29 Apr 2013 21 Oct 2014 14 Aug 2015	130077 214072 CPU048	Birth Transfer Transfer	VENLA	MOSCOW 61	977200000026132

Totals: 1.2.0 (3)

Naturalist Center Mini Zoo, Jonusu Klaipedos, Lithuania

2678	F	5 May 2007	2453	2213	COULANGE TALLIN JONUSU	5 May 2007 4 Mar 2009 19 Dec 2016	UU16 17296 MAHNADI	Birth Transfer Transfer	MAHNADI	AMNEV 11	250229600043976
2946	F	24 Apr 2012	2598	2678	TALLIN JONUSU	24 Apr 2012 19 Dec 2016	18681 MILEEDI	Birth Transfer	MILEEDI	TALLINN 35	

Totals: 0.2.0 (2)

Kishinev Zoopark, Kishinev, Moldova

2772	F	14 Apr 2009	2253	2260	KRAKOW KISHINEV	14 Apr 2009 20 Dec 2010	090604 M09017	Birth Transfer	BETTY	KRAKOW 14	0006B7A630
3084	M	29 Apr 2013	2277	2318	SALZBURG KISHINEV	29 Apr 2013 2 Nov 2014	S1775 M13050	Birth Transfer	SANGPO	SALZB 10	900200000071825

Totals: 1.1.0 (2)

Leningrad Zoo - St Petersburg, St Petersburg, Russia

2082	M	2 Apr 1998	1239	1092	NOVOSIBRK ST PETERS	2 Apr 1998 3 Dec 1998	066047 MX4417	Birth Transfer	ARBAT	NOVOSIB 41643094100059446	
2440	F	5 Apr 2003	1098	1832	WINNIPEG SASKATOON QUEBEC PAPANACK ST PETERS	5 Apr 2003 3 Jun 2004 25 Oct 2005 1 Nov 2006 7 Jul 2008	D00378 A50005 D00378 MX4420	Birth Transfer Transfer Transfer	KIRA	ASSINIB 24000637EAA4	

Totals: 1.1.0 (2)

Moscow Zoological Park, Moscow, Russia

2280	M	30 May 2001	1921	1907	HELSINKI AHTARI MOSCOW	30 May 2001 4 Feb 2003 1 Sep 2004	201037 203001 40863	Birth Transfer Transfer	SHIVA	HKI 97	972000010001343
2475	F	10 Jun 2003	1998	1958	KALININGR MOSCOW	10 Jun 2003 17 Dec 2003	KS2002 30764	Birth Transfer	ANNET	KALING 2	972000010001129
2801	M	20 Jun 2009	2492	2427	JIHLAVA MOSCOW	20 Jun 2009 18 Feb 2011	004011 110025	Birth Transfer		JIH 13	956000008014021
2822	F	6 May 2010	2634	2613	NESLES MOSCOW	6 May 2010 14 Dec 2011	B10029 110661	Birth Transfer	DAINA	NESLES 1	250229600061049

2903	M	22 Apr 2011	2680	2645	BASEL MOSCOW	22 Apr 2011 3 Apr 2013	110023 130051	Birth Transfer	IRTYSCH	BASEL 57	981098102666069
2908	F	27 Apr 2011	2280	2475	MOSCOW	27 Apr 2011	110189	Birth	SERKO	MOSCOW 58	
3286	M	24 May 2017	2903	2908	MOSCOW	24 May 2017	170870	Birth		MOSCOW 65	
3300	F	24 May 2017	2903	2908	MOSCOW	24 May 2017	170961	Birth		MOSCOW 66	
3301	M	24 May 2017	2903	2908	MOSCOW	24 May 2017	170962	Birth		MOSCOW 67	

Totals: 5.4.0 (9)

Limpopo Zoo Russia, Nizhny Novgorod, Nizhegorodskaya, Russian Federation

3240	F	4 May 2016	2969	2836	PERM ZOO LIMPOPZOO	4 May 2016 23 Dec 2016	62820-13 632	Birth Transfer		PERM 22	6430941003637717
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Totals: 0.1.0 (1)

Novosibirsk Zoological Park, Novosibirsk, Russia

2555	M	13 Jun 2005	2127	1963	BERLIN TP NOVOSIBRK	13 Jun 2005 21 Jun 2006	M03024 066054	Birth Transfer	NARYN	BERLTP11	968000002400034
2585	F	15 Jul 2005	1418	2273	STUTTGART NOVOSIBRK	15 Jul 2005 1 Sep 2006	8106 066055	Birth Transfer	LAURA	STUTTG 19	968000004082268
2825	F	16 May 2010	2565	2496	HUNBSTRND NOVOSIBRK	16 May 2010 22 Dec 2011	210012 066056	Birth Transfer	NARYN	HUNNEB 24	977200007456689
2905	M	22 Apr 2011	2680	2645	BASEL NOVOSIBRK	22 Apr 2011 4 Apr 2013	110025 066057	Birth Transfer	ISCHIM	BASEL 59	981098102670033

Totals: 2.2.0 (4)

Permskii Zoologicheskii Sad, Perm, Russia

2836	F	19 May 2010	2463	2136	PERM ZOO	19 May 2010	628208	Birth	VESLJANA	PERM 17	6430000182000085
2969	M	29 May 2012	2492	2692	JIHLAVA PERM ZOO	29 May 2012 22 Aug 2014	004014 62820M6	Birth Transfer	SNEZHEK	JIH 16	956000001983475
3239	F	4 May 2016	2969	2836	PERM ZOO	4 May 2016	62820-12	Birth	KISUNYA	PERM 21	643094100363719
3241	F	4 May 2016	2969	2836	PERM ZOO	4 May 2016	62820-14	Birth	TALITSA	PERM 23	

Totals: 1.3.0 (4)

Ekaterinburgskii Zoopark, Ekaterinburg, Sverdlovskaya, Russia

2337	M	28 May 2002	1219	1784	PERM ZOO EKATERINB	28 May 2002 12 Feb 2003	62820M4 M00176	Birth Transfer	KUDIM	PERM 8	
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Totals: 1.0.0 (1)

Chelyabinsk Zoo, Chelyabinsk, Russia

3146	M	23 Apr 2014	2463	2836	PERM ZOO CHELYABIN	23 Apr 2014 25 Feb 2015	6282010 89266	Birth Transfer	ERMAK	PERM 19	
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Totals: 1.0.0 (1)

Municipal Independent Org "Roev Ruchej, Krasnoyarsk, Krasnoyarskiy, Russia

2463	M	25 Apr 2003	2094	2039	MUNICH CHELYABIN PERM ZOO CHELYABIN ROEVRUCHI	25 Apr 2003 22 Jun 2005 19 Dec 2005 14 Oct 2014 15 Oct 2014	051012 DRAGON 62820M5 DRAGON 136	Birth Transfer Transfer Transfer Transfer	DRAGON	MUNCHEN	209680811431
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Totals: 1.0.0 (1)

Nikolaev Zoo of Nikolaev-City Council, Nikolaev, Ukraine

3085	F	29 Apr 2013	2277	2318	SALZBURG NIKOLAEV	29 Apr 2013 10 May 2015	S1776 N143	Birth Transfer	TASHI	SALZB 11	900200000071527
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Totals: 0.1.0 (1)

Al Mayya Sanctuary (Fujairah Zoo), Fujairah, Al Fujayrah, United Arab Emirates

2989	F	4 Jun 2012	2755	2800	KERNHOF ALMAYYA	4 Jun 2012 1 Nov 2013	NATASCHA PU003	Birth Transfer	NATASHA	KERNHOF 2	
3003	F	15 Jun 2012	2082	2440	ST PETERS ALMAYYA	15 Jun 2012 13 Mar 2014	MX4423 PU004	Birth Transfer	NANDI	LENING 17	643094100059545

3154	M	1 May 2014	2755	2800	KERNHOF ALMAYYA	1 May 2014 10 Dec 2015	GORBAT PU005	Transfer Transfer	GORBATSCHOV KERNHOF 3	40097809141981
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Totals: 1.2.0 (3)

Padmaja Naidu Himalayan Zool Park, Darjeeling, West Bengal, India

2399	F	29 Mar 2002	1897	2228	DARJEELIN	29 Mar 2002	40	Birth	TIISTA	DARJ 39	0006114DB1
2404	M	8 Jul 2002	1850	1899	DARJEELIN KUFRI DARJEELIN	8 Jul 2002 23 Dec 2004 30 Mar 2013	35 SUBASH 35	Birth Transfer Transfer	SUBASH	DARJ 44	000617C8C5
2538	F	11 Mar 2004	1897	2228	DARJEELIN	11 Mar 2004	43	Birth	RITU	DARJ 47	981098102056547
2540	F	25 May 2004	1850	1797	DARJEELIN	25 May 2004	45	Birth	YASHMIN	DARJ 49	0000F68A38
2846	F	29 Apr 2010	2566	2430	NURNBERG DARJEELIN	29 Apr 2010 11 Oct 2012	M03018 274	Birth Transfer	KIM	NRNBRG 3	968000005548177
2861	F	6 May 2010	2469	2274	LEIPZIG LODZ DARJEELIN	6 May 2010 1 Jun 2012 6 Oct 2013	M09488 11187 SL002	Birth Transfer Transfer	ZIMA	LEPZIG 11	968000005542846
2862	F	6 May 2010	2469	2274	LEIPZIG LODZ DARJEELIN	6 May 2010 1 Jun 2012 6 Oct 2013	M09489 11188 SL003	Birth Transfer Transfer	LAVANI	LEIPZIG 12	96800000005545293
2994	F	19 Jun 2012	2405	2538	DARJEELIN	19 Jun 2012	273	Birth	RARE	DARJ 57	956000002158446
3140	M	17 Apr 2014	2826	2813	DUDLEY DARJEELIN	17 Apr 2014 25 Jun 2016	4237 SLMAKALU	Birth Transfer	MAKALU	DUDLEY 4	956000001458313
3141	M	16 Jun 2014	1847	2887	MULHOUSE DARJEELIN	16 Jun 2014 1 Sep 2016	M14069 NAMKHA	Birth Transfer	NAMKHA	MULHOU 12	250228730005176
3160	F	2 May 2014	2401	2861	DARJEELIN	2 May 2014	MORNING	Birth	MORNING		0007155A51

Totals: 3.8.0 (11)

Himalayan Zoological Park (Sikkim Zoo), Gangtok, Sikkim, India

2541	F	25 May 2004	1850	1797	DARJEELIN GANGTOK	25 May 2004 24 Jul 2010	44 MALIKA	Birth Transfer	MALIKA	DARJ 50	0000F8AC18
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Totals: 0.1.0 (1)

Nagoya Higashiyama Zoo, Nagoya, Aichi, Japan

2739	M	9 Apr 2008	2178	2068	TOKYOTAMA NAGOYA	9 Apr 2008 29 May 2009	5663 10119	Birth Transfer	KOHAKU	TAMA 21	968000004934015
2791	M	2 Jul 2009	2497	2068	TOKYOTAMA NAGOYA	2 Jul 2009 12 May 2010	6030 10120	Birth Transfer	YUKICHI	TAMA 25	968000005415542
2899	F	1 May 2011	2561	2429	SAPPORO NAGOYA	1 May 2011 31 Mar 2016	100719 LIEN	Birth Transfer	LIEN	SAPPORO 13	

Totals: 2.1.0 (3)

Gunma Safari Park, Tomioka-Shi, Gunma, Japan

2482	F	4 May 2003	2178	1463	TOKYOTAMA TOMIOKA	4 May 2003 23 Feb 2005	4165 MAI	Birth Transfer	MAI	TAMA 11	
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Totals: 0.1.0 (1)

Asahiyama Zool Park, Asahikawa-Shi, Hokkaido, Japan

2793	M	2 May 2009	2561	2429	SAPPORO ASAHIKAWA	2 May 2009 10 Dec 2010	100717 YAMATO	Birth Transfer	YAMATO	SAPPORO 11	
2863	F	6 May 2010	2469	2274	LEIPZIG ASAHIKAWA	6 May 2010 23 Mar 2012	M09490 VANIA	Birth Transfer	VANIA	LEIPZIG 13	96800000005458800
3243	M	19 Apr 2016	2793	2863	ASAHIKAWA	19 Apr 2016	LICHT	Birth	LICHT	ASAHIK 3	

Totals: 2.1.0 (3)

Sapporo Maruyama Zoo, Sapporo, Hokkaido, Japan

2429	F	12 May 2003	2253	2260	KRAKOW NURNBERG SAPPORO	12 May 2003 29 Apr 2004 28 Jul 2006	030503 M02211 100715	Birth Transfer Transfer	LIEBE	KRAKOW 5	0001FA6C2D
2561	M	7 Jun 2005	2178	2168	TOKYOTAMA SAPPORO	7 Jun 2005 30 Mar 2006	4518 100716	Birth Transfer	AKBAR	TAMA 18	00063AF3F2

2824	F	16 May 2010	2565	2496	HUNBSTRND SAPPORO	16 May 2010 14 Dec 2011	210011 100721	Birth Transfer	SIZIM	HUNNEB 23 977200007466504
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Totals: 1.2.0 (3)

Kobe Oji Zoo, Kobe-Shi, Hyogo, Japan

2794	F	2 May 2009	2561	2429	SAPPORO TOKYOTAMA KOBE PARK	2 May 2009 14 Nov 2010 14 Mar 2012	100718 6244 YUKKO	Birth Transfer Transfer	YOKKO	SAPPORO 12
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Totals: 0.1.0 (1)

Ishikawa Park, Tatsunokuchi-Cho Nom, Ishikawa, Japan

2900	M	25 May 2011	2178	2168	TOKYOTAMA ISHIKAWA	25 May 2011 8 Mar 2013	6561 SUKAI	Birth Transfer	SUKAI	TAMA 26 0006C986C8
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Totals: 1.0.0 (1)

Kumamoto Zoological & Botanical Park, Kumamoto-Shi, Kumamoto, Japan

2559	F	27 May 2005	2178	2068	TOKYOTAMA KUMAMOTO	27 May 2005 21 Apr 2006	4514 SUPICA	Birth Transfer	SUPICA	TAMA 16 00062B4D10
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Totals: 0.1.0 (1)

Hamamatsu Municipal Zoo, Hamamatsu-Shi, Shizuoka, Japan

2557	M	27 May 2005	2178	2068	TOKYOTAMA NAGOYA HAMAMATSU	27 May 2005 19 Apr 2006 8 Feb 2010	4516 10118 CAPH	Birth Transfer Transfer	CAPH	TAMA 14 00063B4DCD
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Totals: 1.0.0 (1)

Tama Zoological Park, Hino-Shi, Tokyo, Japan

2497	M	23 May 2004	1921	1907	HELSINKI TOKYOTAMA	23 May 2004 17 May 2006	204060 4661	Birth Transfer	VALDEMAR	HKI 101 0001D392FE
2742	F	26 Jun 2008	2178	2168	TOKYOTAMA	26 Jun 2008	5763	Birth	MIRUCHA	TAMA 24 968000004959310
2775	F	13 May 2009	2277	2318	SALZBURG TOKYOTAMA	13 May 2009 30 Apr 2010	5745 6278	Birth Transfer	MIMI	SALZB 5 982000088266396
2902	F	25 May 2011	2178	2168	TOKYOTAMA	25 May 2011	6563	Birth	ASAHI	TAMA 28 0006D5AAA4
3039	M	29 Jun 2013	2842	2780	WINNIPEG TOKYOTAMA	29 Jun 2013 17 Dec 2015	P00118 8163	Birth Transfer	KOVO	ASSINIB 310007023A84
3321	M	2 Jun 2017	3039	2775	TOKYOTAMA	2 Jun 2017	8634	Birth	FUKU	TAMA 30

Totals: 3.3.0 (6)

Nanki Shirahama Adventure World, Nishimuro, Wakayama, Japan

2560	M	7 Jun 2005	2178	2168	TOKYOTAMA NISHIMURO	7 Jun 2005 15 Apr 2006	4517 SIRIUS	Birth Transfer	SIRIUS	TAMA 17 00063AF87D
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Totals: 1.0.0 (1)

Kofu Yuki Park Zoo, Kofu-Shi, Yamanashi, Japan

2483	F	4 May 2003	2178	1463	TOKYOTAMA KOBE PARK NAGOYA YUKI	4 May 2003 23 Feb 2004 29 Feb 2012 6 Mar 2017	4164 MEW 11390 KOFU1	Birth Transfer Transfer Transfer	MEW	TAMA 12
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Totals: 0.1.0 (1)

Taman Safari Indonesia I, Bogor, Java-Barat, Indonesia

2464	F	25 Apr 2003	2094	2039	MUNICH DRESDEN Z BOGOR	25 Apr 2003 27 May 2004 17 Jan 2014	051013 196865 SERENA	Birth Transfer Transfer	SERENA	MUNCHEN 219681191513
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Totals: 0.1.0 (1)

Batu Secret Zoo, Malang, Java-Timor, Indonesia

2944	neutM	23 Apr 2012	2598	2678	TALLIN KISHINEV LAMONGAN BATUSECRE	23 Apr 2012 15 Dec 2013 22 May 2016 22 May 2016	18679 M12044 MSNOW1 M0607	Birth Transfer Transfer Transfer	ORLANDO	TALLINN 33981100002722345
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Totals: 1.0.0 (1)

National Zoo & Aquarium, Weston Creek Canber, Austr Capital Territory, Australia

2137	neutM	20 Oct 1999	1325	1791	MOGO YARRALUML	20 Oct 1999 14 Jan 2002	990007 200108	Birth Transfer	BHUTAN	MOGO 1	982009100228965
2138	F	20 Oct 1999	1325	1791	MOGO YARRALUML	20 Oct 1999 14 Jan 2002	990006 200109	Birth Transfer	SHEVA	MOGO 2	982009100171923

Totals: 1.1.0 (2)

Billabong Koala and Wildlife Park, Port Macquarie, New South Wales, Australia

2291	F	29 May 2001	1847	1765	MULHOUSE SYDNEY BILLABONG	29 May 2001 19 Jun 2003 3 Feb 2015	M01053 A30242 SAMARRA	Birth Transfer Transfer	SAMARRA	MULHOU 10	000611E10B
2526	M	12 Oct 2003	1325	1791	MOGO BILLABONG SYDNEY BILLABONG	12 Oct 2003 14 Nov 2011 15 May 2012 3 Feb 2015	A30020 KHUMBU B20133 KHUMBU	Birth Transfer Transfer Transfer	KHUMBU	MOGO 3	982001900713004
2595	neutM	14 Oct 2005	2272	2291	SYDNEY BILLABONG	14 Oct 2005 23 Apr 2012	A50431 SABU	Birth Transfer	SABU	SYDNEY 1	00066C3C62
2597	neutF	14 Oct 2005	2272	2291	SYDNEY BILLABONG	14 Oct 2005 23 Apr 2012	A50433 KAMALA	Birth Transfer	KAMALA	SYDNEY 2	000689F3A5

Totals: 2.2.0 (4)

Mogo Zoo P/L, Mogo, New South Wales, Australia

2527	F	12 Oct 2003	1325	1791	MOGO	12 Oct 2003	A30021	Birth	TENZIN	MOGO 4	982009100609239
2700	M	23 May 2008	2565	2496	HUNBSTRND MOGO	23 May 2008 23 Mar 2010	208041 B00014	Birth Transfer	ILYAN	HUNNEB 20	977200007206308

Totals: 1.1.0 (2)

Melbourne Zoo, Parkville, Victoria, Australia

2272	M	30 Apr 2001	2050	2095	HANSTEDT SYDNEY MELBOURNE	30 Apr 2001 18 Jun 2003 24 Oct 2007	NIN2 A30241 A70603	Birth Transfer Transfer	LEON	NINDORF 2	000133385C
2330	F	12 Jul 2002	1418	1346	STUTTGART MELBOURNE	12 Jul 2002 26 Jun 2003	7966 A30602	Birth Transfer	MEO	STUTTG 15	000627F9E2
2812	F	7 Dec 2008	2272	2330	MELBOURNE	7 Dec 2008	A80673	Birth	TASHI		0006C97644
3201	M	11 Aug 2015	2566	2430	NURNBERG MELBOURNE	11 Aug 2015 26 Oct 2017	M03913 B70550	Birth Transfer	KANG-JU	NRNBRG 6	900200000360308
3252	F	11 Jun 2016	2888	2976	SO LAKES MELBOURNE	11 Jun 2016 18 Oct 2017	UU0005 B70513	Birth Transfer	MISKA	LAKES 3	956000004765684

Totals: 2.3.0 (5)

TOTALS: 223.248.0 (471)

202 Institutions

Compiled by: Leif Blomqvist thru Nordens Ark
 Data current thru: 31 Dec 2017 - International
 Printed on 1 Jan 2018 using Sparks v1.65

3.6. Location Glossary

- AGRATE** Parco Faunistico La Torbiera
Via Borgoticino, Agrate Conturbia, No, Piemonte, Italy, I-28010
+39.322.832136/83213 fax: +39.322.832525 torbiera@iol.it
Contact: Andrea Crosta
- AHTARI** Zoo Ahtari
Karhunkierros 130, Ahtari, Finland, FI-63700
+358.6.5393.555 fax: +358.6.5393.611
mauno.seppakoski@ahtarizoo.fi
Contact: Mauno Seppäkoski Data current to 20 Sep 2016
- AKRON** Akron Zoological Park
500 Edgewood Ave., Akron, Ohio, United States
+1.330.375.2550x7233 fax: +1.330.375.2575
mdstuder@akronzoo.org
Contact: Curator Eric Albers Data current to 15 Jun 2016
- ALMAYYA** Al Mayya Sanctuary
P.O.Box 666, Fujairah, Al Fujayrah, United Arab Emirates
+971 50 628 3001 balazs@almayyas sanctuary.ae
Contact: Zoo Manager Balazs Buzas Data current to 17 Feb 2017
- ASSON** Zoo d'Asson
6 chemin du Brouquet, Asson, Pyrenees-Atlantiques, France, F-64800
+33.5.5971.0334 fax: +33.5.5971.0155 zooasson@yahoo.fr
Contact: Luc Lorca
- AUVERGNE** Parc Animalier d'Auvergne
Route d'Anzat Le Luguët, Ardes-sur-couze, Puy-de-dome, France, F-63420
+33 4 7371 8286 pascal@parcanimalierdauvergne.fr
Contact: Director Pascal Damois
- AYWAILLE** Monde Sauvage Safari SPRL
Fange de Deigne 3, Aywaille, Liège, Belgium, B-4920
+32.43.609070 fax: +32.43.609108 bertho@mondesauvage.be
- BANDON** West Coast Game Park Safari
46914 Highway 101, Bandon, Oregon, United States, 97411
westcoastgamesafari@gmail.com
Contact: Data current to 30 Jun 2017
- BASEL** Zoologischer Garten Basel
Binningerstrasse 40, Basel, Basel-stadt, Switzerland, CH-4054
+41.61.295.3535 fax: +41.61.281.0005 Adrian.Baumeyer@zoo basel.ch
Contact: Curator Adrian Baumeyer Data current to 28 Nov 2013
- BATTLE CR** Binder Park Zoo
7400 Division Drive, Battle Creek, Michigan, United States, 49014
+1.269.979.1351 fax: +1.269.979.8834 registrar@binderparkzoo.org
Contact: Registrar Susan Miller
- BATUSECRE** Batu Secret Zoo
Jl. Kartika No. 2, Batu, Jawa Timur, Indonesia, 65314
+62 341 597777 curator.batuzoo@gmail.com
Contact: Curator Mariusz Lech Data current to 17 Dec 2016
- BEAUVAL** Zoo Parc de Beauval
St Aignan, Cher, France, F-41110
+33.254.757.422 fax: +33.2.54.75.74.30 eric@zoo beauval.com
Contact: Eric Ruivo Data current to 21 Aug 2015
- BEKESBRNE** Howletts Wild Animal Park
Bekesbourne Lane, Bridge, Canterbury, Kent, United Kingdom, CT4 5AE
+44.1303.264.647 fax: +44.1303.264944
animal.records@aspinalfoundation.org
Contact: Ben Warren
- BERLIN TP** Tierpark Berlin-Friedrichsfelde GmbH
Am Tierpark 125, Berlin, Berlin, Germany, D-10319
+49.30.51531.111 fax: +49.30.512.4061 f.sicks@tierpark-berlin.de
Contact: Christian Kern
- BIG BEAR** Big Bear Alpine Zoo
PO Box 2832, Big Bear Lake, California, United States, 92315
+1.909.584.1299 fax: +1.909.584.4629
derichardson@sdd.sbcounty.gov
Contact: Don Richardson
- BILLABONG** Billabong Koala and Wildlife Park
61 Billabong Drive, Port Macquarie, New South Wales, Australia, 2444
+61 2 6585 1060 billabongzoo@hotmail.com
Contact: Christy Brown
- BINGHAMTO** Binghamton Zoo at Ross Park
185 Park Ave., Binghamton, New York, United States, 13903
cshiehan@rossparkzoo.com
Contact: Curator Christina Sheehan Data current to 12 Jun 2017
- BISMARCK** Dakota Zoo
P.O. Box 711, Bismarck, North Dakota, United States, 58502
+1.701.223.7543 fax: +1.701.258.8350 registrar@dakotazoo.org
Contact: Registrar Danielle Saylor
- BLOOMINGT** Miller Park Zoo
1020 S. Morris Ave, Bloomington, Illinois, United States, 61701
+1.309.434.2824 jtetzloff@cityblm.org
Contact: Director Jay Tetzloff Data current to 12 Jun 2017
- BOGOR** Taman Safari Indonesia I
Jl. Raya Puncak, Cisarua - Bogor, Jawa Barat, Indonesia
+62.7691071 fax: +62.7690587 safari@indo.net.id
Contact: Curator Sharmy Prastiti
- BOISE** Zoo Boise
355 Julia Davis Dr, Boise, Idaho, United States, 83702
+1.208.384.4260.x101 fax: +1.208.384.4059
cxroberts@cityofboise.org
Contact: Registrar Corinne Roberts Data current to 30 Jun 2016
- BOISSIERE** Espace Zoologique la Boissiere du Dore
La Chataigneraie, La Boissiere Du Dore, Loire-atlantique,
France, F-44430
+33.6.60.89.73.86 fax: +33.240.337515
animalmanagement@zoo-boissiere.com
Contact: Marion Poupe Data current to 1 Jan 2017
- BORYSEW** Zoo Safari Borysew
ul. Borysew 25, Poddebice, Łódzkie, Poland, 99-200
+48 43.678.4748 voay@o2.pl
Contact: Dariusz Pabich Data current to 1. Nov 2017
- BRASOVZOO** Gradina Zoologica Brasov
Str. Brazilor nr. 1, Brasov, Romania
+40.722.458.755 optmartie@yahoo.com
Contact: Ms. Dana Canari
- BROXBURN** Paradise Wildlife Park
White Stubbs Lane, Broxbourne, Hertfordshire,
United Kingdom, EN10 7QA
+1.44.1992.470490.x2 fax: +1.44.1992.440525 peter@pwpark.com
Contact: Peter Sampson
- BUCURESTI** Gradina Zoologica Bucuresti
Aleea Vadul Moldovei 4, Bucuresti, Bucuresti, Romania
+40.33.0502.295 ancuta.oprea@yahoo.com
Contact: Director Anca Oprea Data current to 1 Nov 2016
- BUFFALO** Buffalo Zoo
300 Parkside Avenue, Buffalo, New York, United States, 14214
+1.716.995.6149 fax: +1.716.837.0738 dbrigham@buffalozoo.org
Contact: Curator David Brigham Data current to 15 Jun 2017
- BUIN ZOO** Parque Zoológico Buin Zoo
Panamerica Km 32, Buin, Region Metropolitana, Chile
+56.2.821.5511 fax: +56.2.821.3338 director@buinzoo.cl
Contact: Juan Pedro Mosquera Data current to 7 Feb 2016
- BUSSOLENG** Parco Natura Viva
Loc. Figara 40, Bussolengo, Veneto, Italy, I-37012
+39.45.7170113 fax: +39.45.6770247
william.magnone@parconaturaviva.it
Contact: William Magnone
- CALGARY** Calgary Zoo, Garden & Prehistoric Park
1300 Zoo Road NE, Calgary, Alberta, Canada, T2E 7V6
+1.403.232.9327 fax: +1.403.237.7582 deannas@calgaryzoo.ab.ca
Contact: Curator Colleen Baird Data current to 30 Jun 2016
- CAMBON** Pairi Daiza
Domaine de Cambon 1, Cambon-casteau, Hainaut, Belgium, B-7940
+32.68.250.837 fax: +32.68.455.405 Martin.VanWees@pairidaiza.eu
Contact: Martin Van Wees

- CAPE MAY** Cape May County Park Zoo
4 Moore Road DN 801, Cape May Court House,
New Jersey, United States, 08210- 3071
+1.609.465.5271 fax: +1.609.465.5421
alexander.ernst@co.cape-may.nj.us
Contact: Alexander J. Ernst, Dvm Data current to 10 Jul 2017
- CAVEJUNCT** Great Cats of the World (Craig Wagner)
27919 Redwood Highway, Cave Junction, Oregon, United States, 97523
+1 541 592-2957 info@greatcatsworldpark.com
Contact: Traveler Hawk Data current to 12 Sep 2013
- CENTRALPK** Central Park Zoo
64th St and 5th Ave, New York, New York,
United States, 10021
+1.718.741.8298 gdecasare@wcs.org
Contact: Gina Decasare Data current to 30 Jun 2017
- CHATTANOOG** Chattanooga Zoo at Warner Park
301 N Holtzclaw Ave, Chattanooga, Tennessee,
United States, 37404-2823
+1.423.643.5719 fax: +1.423.643.5700 kirk.chattzoo@gmail.com
Contact: Curator Stacy Laberde Data current to 20 Apr 2016
- CHELYABIN** Chelyabinsk Zoo
ul. Truda, 191, Chelyabinsk, Chelyabinskaya Oblast,
Russian Federation, 454080
zoo.vet2009@yandex.ru
Contact: Evelina Sabashvili Data current to 20 Feb 2017
- CHICAGOBR** Chicago Zoological Park / Brookfield Zoo
3300 Golf Rd., Brookfield, Illinois, United States
+1.708.688.8460 fax: +1.708.485.3140 amy.roberts@czs.org
Contact: Curator Amy Roberts Data current to 12 Jun 2017
- CHICAGOLP** Lincoln Park Zoological Gardens
PO Box 14903, Chicago, Illinois, United States, 60614-0903
+1.312.742.7221 fax: +1.312.742.7220 lszilagy@lpzoo.org
Contact: Laszlo Szilagyi Data current to 30 Jun 2017
- CHITTENAN** The Wild Animal Park
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+1 315.510.3347 thewildparkinfo@gmail.com
Contact: Data current to 1 Nov 2017
- CLAWSPAWS** Claws N' Paws Wild Animal Farm
1475 Ledge Dale Rd., Lake Ariel, Pennsylvania, United States, 18436
+1.717.698.6154 vince.hall@mczi2000.com
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- CLEVELAND** Cleveland Metroparks Zoo
3900 Wildlife Way, Cleveland, Ohio, United States, 44109
+1.216.635.3361 fax: +1.216.661.3312
pak@clevelandmetroparks.com
Contact: Curator Tad K Schoffner Data current to 10 May 2016
- COAL VAL** Niabi Zoo
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+1.309.799.3482 ext fax: +1.309.799.5761 lbishop@niabizoo.com
Contact: Lea Ann Bishop Data current to 30 Jun 2017
- COLO SPRG** Cheyenne Mtn Zoological Park
4250 Cheyenne Mountain Zoo Rd., Colorado Springs, Colorado,
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Contact: Dina Bredahl Data current to 30 Jun 2017
- COLUMBUS** Columbus Zoo and Aquarium
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peter@welshmountainzoo.org
Contact: Registrar Michelle Pywell
- COULANGE** Parc Zoologique d'Amneville
1, Rue du Tigre, Amneville, Moselle, France, F-57360
+33.3.87.702560 fax: +33.3.87.703848 alexis@zoo-amneville.com
Contact: Curator Nicolas Leroux
- DARJEELIN** Padmaja Naidu Himalayan Zoological Park
Jawahar Parbat (Birch Hill), Darjeeling, West Bengal, India, 734 101
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Contact: A.K.Jha
- DE BOUY** Parc Zoologique du Bouy (extinct 2015)
Champetisres, Puy-de-dome, France, F-63600
+33 473 821329
- DENVER** Denver Zoological Garden
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+1.303.376.4917 fax: +1.303.376.4901 rmccloskey@denverzoo.org
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- DUBLIN** Dublin Zoo - Zoological Society of Ireland
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+353.1.474.8901 fax: +353.1.677.1660 sandra.molloy@dublinzoo.ie
Contact: Sandra Molloy Data current to 28 Nov 2013
- DUDLEY** Dudley Zoological Gardens
Dudley & W Midlands Zool.Society, Dudley, Dudley, United Kingdom, DY1 4QF
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Contact: Curator Richard Brown Data current to 10 Oct 2016
- DULUTH** Lake Superior Zoological Gardens
7210 Fremont, Duluth, Minnesota, United States, 55807
+1.218.723.3481.3482 fax: +1.218.723.3750 DThompson@lszoo.org
Contact: Dave Thompson Data current to 30 Jun 2016
- DUNLAP** Project Survival Cat Haven
38257 E. Kings Canyon Rd., Dunlap, California, United States, 93621
+1.559.338.3216 fax: +1.559.338.0608
dale@cathaven.com jagdale35@gmail.com
Contact: Director Dale Anderson Data current to 21 Jan 2017
- EGG** Egg
Rietwies 663, Egg, Bern, Switzerland, CH-3182
Contact: Max Kleinpeter
- FONTAINE** BioParc de Dou,
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Contact: Curator Sarah Colman Data current to 10 Jun 2017
- GRANBY** Zoo de Granby
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pleggett@zoodegranby.com
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- HELSINKI** Helsinki Zoo
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Contact: Nina Trontti Curator
- HOGLE** Utah's Hogle Zoo
Utah Zoological Society, Salt Lake City, Utah, United States, 84108-1454
+1.801.584.1740 animalrecords@hoglezoo.org
Contact: Registrar Cindy Jensen Data current to 30 Jun 2016
- HUNBSTRND** Nordens Ark
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Contact: Leif Blomqvist Data current to 17 Apr 2016
- ISHIKAWA** Ishikawa Park
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- JIHLAVA** Zoologická Zahrada Jihlava
Brezinovy sady 5642/10, Jihlava, Vysočina, Czech Republic, 586 01
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- JOHN BALL** John Ball Zoo
1300 W. Fulton St., Grand Rapids, Michigan, United States, 49504-6100
+1.616.336.4316 fax: +1.616.336.3907 tsampson@jzoo.org
Contact: Curator Tim Sampson Data current to 12 Jun 2017
- JONUSU** Naturalist Center Mini Zoo
Jonusai K. Dauparai, Klaipėdos Apskritis, Lithuania, LT-96173
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Contact: Director Edvardas Lageckas Data current to 7 Jan 2017
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la Cabosse, Jurques, Calvados, France, F-14260
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- KOLMARDEN** Kolmardens Djurpark AB
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Contact: Thierry Petit
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- LANSING** Potter Park Zoological Gardens
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- LE VIGEN** Parc ZOO du Reynou
Domaine du Reynou, Le Vigen, Haute-vienne, France, 87110
ahd@parczooireynou.com
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- LIMPOZZOO** Nizhnii Novgorod Zoo "Limpopo"
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- LINCOLN C** Lincoln Childrens Zoo
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Contact: Mr. Randy Scheer Data current to 15 Jun 2016
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Contact: Kim Simmons
- LODI** Micke Grove Zoo
11793 N. Micke Grove Road, Lodi, California, United States, 95240
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- LODZ** Miejski Ogród Zoologiczny w Lodzi Sp. z
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- LOS ANGELES** Los Angeles Zoo & Botanical Gardens
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- LOUISVILLE** Louisville Zoological Garden
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elaine.huddleston@louisvilleky.gov
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- MANHATTAN** Sunset Zoo
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- NIKOLAEV** Nikolaev Zoo of Nikolaev-City Council
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- NURNBERG** Tiergarten der Stadt Nurnberg
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Helmut.Maegdefrau@stadt.nuernberg.de
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- OROVILLE** Barry R. Kirschner Wildlife Sanctuary
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Contact: Roberta Kirshner Data current to 1 Aug 2013
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Contact: Curator Barbara Stegenta Data current to 2 Mar 2015
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prispěvkov organizace, Plzen, Plzen-jih, Czech Republic, CZ-301 16
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Contact: Carlo Kantwerk Data current to 10 Oct 2016
- RIO GRAND** Albuquerque Biological Park
903 Tenth St. SW, Albuquerque, New Mexico,
United States, 87102-4098
+1.505.764.6231 fax: +1.505.764.6281 ltupa@cabq.gov
Contact: Lynn Tupa Data current to 20 Jul 2017
- ROEVURUCHI** Municipal Independent Org."Roev Ruche
ul. Sverdlovskaya, 293, Krasnoyarsk, Krasnoyarskiy Kray,
Russian Federation, 660054
+7.391.2.299.064 dmitiliyandex.ru ; roev-info@mail.ru
Contact: Dimitry Alexandrovich Data current to 20 Oct 2014
- ROLLING H** Rolling Hills Zoo
625 N. Hedville Rd., Salina, Kansas, United States, 67401
+1.785.827.3738 brenda@rollinghillszoo.org
Contact: Curator Brenda Gunder Data current to 30 Jun 2017
- ROSAMOND** Exotic Feline Breeding Compound Inc.
3718 - 60th Street West, California, California, United States
+1.661.256.3793 fax: +1.661.256.6867 cristy.efbc.cregut@gmail.com
Contact: Cristy Cregut Data current to 22 Aug 2017
- SACRAMENTO** Sacramento Zoo
3930 W Land Park Dr., Sacramento, California, United States, 95822-1123
lfield@saczo.org
Contact: Curator Leslie Field Data current to 10 Jun 2017
- SALZBURG** Salzburg Zoo Hellbrunn
Hellbrunner Straße 60, Anif, Salzburg, Austria, A-5081
+43.662.820176.12 fax: +43.662.820.1766 mwiesner@salzburg-zoo.at
Contact: M. Wiesner Data current to 20 Feb 2017
- SAN FRAN** San Francisco Zoological Gardens
1 Zoo Road, San Francisco, California, United States, 94132
+1.415.753.7021 davidb@sfzoo.org
Contact: Curator David Bocian
- SANDIEGOZ** San Diego Zoo
PO Box 120551, California, California, United States
+1.619.685.3250 fax: +1.619.232.4117 gthomas@sandiegozoo.org
Contact: Gaylene Thomas Data current to 12 Jun 2017
- SANTILLANA** Zoo de Santillana y Parque Cuaternario
Santillana Zoo Foundation, Santillana Del Mar, Cantabria, Spain, E-39330
+34.942.818125 fax: +34.942.818365
research@zoosantillanadelamar.com
Contact: Andrea Gonzalez Data current to 28 Nov 2013
- SAPPORO** Sapporo Maruyama Zoo
3-1 Miyagaoka, Sapporo, Hokkaido, Japan
hiroki.ishibashi@city.sapporo.jp
Contact: Ito Masaki
- SEATTLE** Woodland Park Zoo
5500 Phinney Ave. N., Seattle, Washington, United States, 98103
deanna.debo@zoo.org
Contact: Deanna Debo Data current to 30 Jun 2017
- SERVION** Zoo De Servion
Route du Zoo 1, Servion, Vaud, Switzerland, CH-1077
+41.21.903.1671 info@zoo-servion.ch
Contact: Carine Vogel Data current to 17 Aug 2015
- SIoux FALL** Great Plains Zoo
805 S Kiwanis Ave, Sioux Falls, South Dakota, United States, 57104
+1.605.367.8313.x29 acronberg@gpzoo.org
Contact: Amanda Cronberg Data current to 12 Jun 2017
- SO LAKES** Safari Zoo
Crossgates, Dalton-in-furness, Cumbria, United Kingdom, LA15 8JR
+44.1229.461310 yaz@cumbriazoo.co.uk
Contact: Head Keeper Yasmin Walker Data current to 1 Mar 2017
- SOUTH BEND** Potawatomi Zoo
500 S Greenlawn, South Bend, Indiana, United States, 46615
+1.574.245.6162 fax: +1.574.235.7627 apelc@potawatomizoo.org
Contact: Registrar Anna Pelc Data current to 12 Jun 2017
- ST LOUIS** Saint Louis Zoological Park
1 Government Dr., St Louis, Missouri, United States, 63110
+1.314.646.4572 lmoore@stlzoo.org
Contact: Assistant Registrar Lily Moore Data current to 10 Jun 2017
- ST PAUL** Como Park Zoo and Conservatory
1225 Estabrook Drive, Saint Paul, Minnesota, United States, 55103
+1.651.487.8208 fax: +1.651.487.8209 joanne.kelly@ci.stpaul.mn.us
Contact: Registrar Joanne Kelly Data current to 30 Jun 2016
- ST PETERS** Leningrad Zoo - St. Petersburg
Aleksandrovskii park, 1, St. Petersburg, Leningradskaya Oblast,
Russian Federation, 197198
+7.812.232.4828 fax: +7.812.232.4828 translate@spbzoo.ru
Contact: Yulia Oleynik Data current to 1 May 2017
- STEVENSVILLE** Safari Niagara
2821 Stevensville Rd., Stevensville, Ontario, Canada, L0S 1S0
+1 (905)382-9669 lane@safariniagra.com
Contact: Lana Borg
- STONEHAM** Zoo New England, Stone Zoo
One Franklin Park Road, Boston, Massachusetts, United States, 02121
+1.617.989.2020 fax: +1.617.989.2025 dtetreault@zoonewengland.com
Contact: Registrar Diane Tetreault Data current to 30 Jun 2016
- STUTTGART** Wilhelma Zoo
Neckartalstrasse, PO Box 50 12 27, Stuttgart, Baden-Württemberg,
Germany, D-70342
+49.711.5402.133 fax: +49.711.5402.222
ulrike.rademacher@wilhelma.de
Contact: Ulrike Rademacher
- SYDNEY** Taronga Zoo
PO Box 20, Mosman, New South Wales, Australia, 2088
+61.2.9978.4767 fax: +61.2.9978.4613 sbrice@zoo.nsw.gov.au
Contact: Sara Brice
- SYRACUSE** Rosamond Gifford Zoo at Burnet Park
One Conservation Place, Syracuse, New York, United States, 13204-2504
+1.315.435.8512.x119 fax: +1.315.435.8517 danmeates@ongov.net
Contact: Curator Dan Meates Data current to 15 Nov 2016

- SZEGED** Szeged Zoo
PO Box 724, Szeged, Csongr d, Hungary, H-6701
+36.62.542.530 fax: +36.62.445.299 info@zoo.szeged.hu
Contact: Director Robert Veprik
- TALLIN** Tallinn Zoo
Paldiski mnt 145, Tallinna Loomaaed, Estonia, EE-13522
+372.694.3310 fax: +372.657.8990 vladimir.fainstein@tallinnly.ee
Contact: Vladimir Fainstein Data current to 10 Jan 2017
- TANGAN WP** Tanganyika Wildlife Park
1037 S 183rd St West, Goddard, Kansas, United States, 67052
+1.316.393.0088 fax: +1.316.794.8370 sjeter@twpark.com
Contact: Curator Stephanie Jeter Data current to 2 Oct 2013
- TAUTPHAUS** Idaho Falls Zoo at Tautphaus Park
PO Box 50220, Idaho Falls, Idaho, United States, 83405-0220
+1.208.612.8470 fax: +1.208.528.6256 dmarkum@idahofallszoo.org
Contact: Darrell Markum Data current to 12 Jun 2017
- THOIRY** Thoiry Zoological Park
2, rue du pavillon de Montreuil, Thoiry, Yvelines, France, 78770
+33.1.34.87.53.65 fax: +33.1.34.87.54.12
christophe.grossiord@thoiry.net
Contact: Christophe Grossiord Data current to 10 Jan 2017
- TIGER HAV** Tiger Haven (NV)
HCR 65, Box 73400, Pahrump, Nevada, United States, 89041
- TOKYOTAMA** Tama Zoological Park
7-1-1 Hodokubo, Tokyo, Japan
+81.42.591.1611 kiyoko_takatsu@tzps.or.jp
Contact: Reg Stbk. Keeper Kiyoko Takatsu Data current to 15 May 2016
- TOLEDO** Toledo Zoological Gardens
PO Box 140130, Toledo, Ohio, United States, 43614-0130
+1.419.389.6403x3088 fax: +1.419.385.8670
randi.meyerson@toledoazoo.org
Contact: Curator Randi Meyerson Data current to 30 Jun 2017
- TORONTO** Toronto Zoo
361A Old Finch Ave., Scarborough, Ontario, Canada, M1B 5K7
+1.416.392.5971 fax: +1.416.392.4979 mwainglass@torontozoo.ca
Contact: Registrar Mindy Waisglass Data current to 15 Jun 2017
- TREGOMZOO** Parc Zoologique de Tregomeur
Moulin de Richard, Tregomeur, Cotes-d'armor, France, F-22590
+33.2.9679.0107 fax: +33.2.9679.1300 zoo@zoo-tregomeur.com
Contact: Solenn Marzin
- TULSA** Tulsa Zoo
6421 E. 36th St. North, Tulsa, Oklahoma, United States
+1.918.669.6225 fax: +1.918.669.6260 jpiha@tulsazoo.org
Contact: Curator Jordan Piha Data current to 30 Jun 2017
- TWYXCROSS** Twycross Zoo
Burton Road, Atherstone, Warwickshire, United Kingdom, CV9 3PX
+44.1827.883128 fax: +44.1827.880700 neil.dorman@twycrosszoo.org
Contact: Neil Dorman Data current to 28 Nov 2013
- USTI** Usti nad Labem Zoo
Drazdanska 23, Usti Nad Labem,  stj Nad Labem, Czech Republic, CZ-400 07
+420.475.501.766 fax: +420.475.503.421 petra.padalikova@zoousti.cz
Contact: Petra Padalikova
- VALBREMBO** Parco Faunistico Le Cornelle
Via Cornelle, 16, Valbrembo Bg, Bergamo, Italy, 24030
+39.35.527422 n.benedetti@lecornelle.it
Contact: Nadia Benedetti Data current to 1 May 2015
- VALLEYZOO** Valley Zoo & John Janzen Nature Center
c/o Park and Recreation Dept, Edmonton, Alberta, Canada, T5J 2R7
+1.780.496.4850 fax: +1.780.944.7529 wade.krasnow@edmonton.ca
Contact: Wade Krasnow Data current to 26 Sep 2017
- VESZPREM** Kittenberger Kalman Nonprofit Kft.
Veszpr m, Kittenberger, Veszpr m, Hungary
+36.88.560.140 animalmanagement@veszpremmuseum.hu
Contact: Anita Kalaszar
- WAHPETON** Chahinkapa Zoo
PO Box 1325, Wahpeton, North Dakota, United States, 58075
+1.701.642.8709 fax: +1.701.642.9285 ekayvold@chahinkapazoo.org
Contact: Addy Paul Data current to 30 Jun 2016
- WARSAW** Miejski Ogrod Zoologiczny Warsaw
ul. Ratuszowa 1/3, Warsaw, Mazowieckie, Poland, 03-461
+4822.619.6909 fax: +48.22.619.4046 ajakucinska@zoo.waw.pl
Contact: Curator Anna Jakucinska Data current to 8 May 2017
- WATERTNSD** Bramble Park Zoo
PO Box 910, Watertown, South Dakota, United States, 57201-0910
+1.605.882.6269 fax: +1.605.882.5232 oreimers@brambleparkzoo.com
Contact: Registrar Olivia Reimers Data current to 15 Jun 2016
- WELWYN** Cat Survival Trust
Welwyn, Hertfordshire, United Kingdom
+44 43871 6873
Contact: Terry Moore
- WINNIPEG** Assiniboine Park Zoo
2595 Roblin Blvd., Winnipeg, Manitoba, Canada, R3P 2N7
+1.204.927.8012 GLunsford@assiniboinepark.ca
Contact: Curator Gary Lunsford Data current to 13 Dec 2015
- WUPPERTAL** Zoologischer Garten Wuppertal
Hubertusallee 30, Wuppertal, Nordrhein-Westfalen, Germany, D-42117
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Severin.Dressen@stadt.wuppertal.de
Contact: Severin Dressen Data current to 28 Nov 2013
- YARMOUTH** Thrigby Hall Wildlife Gardens
Thrigby Hall, Great Yarmouth, Norfolk, United Kingdom, NR29 3DR
+44.1493.369.477 fax: +44.1493.368.256 scott@thrigbyhall.co.uk
Contact: Scott Bird
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Ota-cho 10-1, Kofu-shi, Yamanashi, Japan, 400-0865
+81.552.33.3875 fax: +81.552.33.3875 tk7aky@city.kofu.lg.jp
Contact: Ms Tae Akiyama Data current to 21 Mar 2017
- ZOO IMPRT** Zoological Wildlife Foundation
16225 SW 172 Avenue, Miami, Florida, United States, 33187
+1 (305)969-3696
Contact: Mario Tabraue Sr. Data current to 10 Sep 2015
- ZURICH** Zoo Z rich
Zurichbergstrasse 221, Zurich, Switzerland, 8044
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Compiled by: Leif Blomqvist thru Nordens Ark
Data current thru: 31 Dec 2017 - International
Printed on 1 Jan 2018 using Sparks v1.65

