

NATIONAL STUDBOOK

Gaur (*Bos gaurus gaurus*): III Edition

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केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

National Studbook of Gaur (*Bos gaurus gaurus*) III Edition

Part of the Central Zoo Authority sponsored project titled “Development and Maintenance of Studbooks for Selected Endangered Species in Indian Zoos” awarded to the Wildlife Institute of India vide sanction order: Central Zoo Authority letter no. 9-2/2012-CZA(NA)/418 dated 7th March 2012

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FOREWORD

Gaur – Indian bison in their native habitats are susceptible to extinction due to habitat changes occurring as a result of developmental activities in around their habitats. Diseases that affect domestic livestock are an additional cause of concern for the survival of the species. In this scenario ex-situ conservation can ensure their long term survival. Pedigree information contained in studbooks forms the basis for this scientific management for ensuring maintenance of genetic viability and demographic stability.

The Central Zoo Authority (CZA) in collaboration with zoos in India has initiated a conservation breeding program for threatened species in Indian zoos. As a part of this endeavor a Memorandum of Understanding has been signed with the Wildlife Institute of India for compilation and update of studbooks of identified species in Indian zoos.

As part of the project outcomes the WII has compiled the III edition of the studbook of Gaur (*Bos gaurus*) in Indian zoos. The recommendations contained in the studbook will form the basis for the long term management of the species in captivity. It is hoped that the zoos will adopt the recommendations.

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National Zoological Park, New Delhi
Nehru Zoological Park, Hyderabad
Rajiv Gandhi Zoological Park & Wildlife Research Centre, Pune
Sakkarbaug Zoo, Junagadh
Sanjay Gandhi Biological Park, Patna
Sepahijala Zoological Park, Sepahijala
Sri Chamarajendra Zoological Gardens, Mysore
Sri Venkateswara Zoological Park, Tirupati
Van Vihar National Park, Bhopal

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GAUR

(*Bos gaurus gaurus*)

Species Information

Taxonomy

Phylum	Chordata
Class	Mammalia
Order	Cetartiodactyla
Family	Bovidae
Sub- family	Bovinae
Genus	<i>Bos</i>
Species	<i>Bos gaurus</i> (H. Smith 1824)
Common name	Gaur



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The Indian bison is a large sized animal belonging to a phylogenetically young group of mammals, the Bovinae. There has been an inconsistency in the nomenclatural treatment of the wild and domestic Gaur with several nomenclatural systems being proposed by different authors (Gentry *et al.* 2004). The ruling by the International Commission on Zoological Nomenclature (2003), validating the usage of the first available specific name for wild progenitor species has resolved this confusion. Accordingly, the wild species of Gaur is recognized as *Bos gaurus*, while the domestic form (Mithun, Mithan or Gayal) is referred to as *Bos frontalis*.

The genus *Bos* includes six extant species including *B. gaurus* (gaur), (Wilson and Reeder 2005), confined to the Oriental Region (Schaller 1967). Many subspecies of gaur have been described; however, the two currently recognized sub-species are *Bos gaurus gaurus*, occurring in India Nepal, and Myanmar and *Bos gaurus laosiensis* (Heude 1901) from southern China, Lao PDR, Viet Nam, Cambodia, Thailand north of the Isthmus of Kra and in West Malaysia (Srikosamatara and Suteethorn 1994). Recent work by Groves (2003) also supports this division.

Further, analysis of skull and horn measurements suggest that the Gaur in north-east India are likely to be intermediate between the Indian and South-east Asian specimens but with more similarity to the south-east Asian variety (cited in Duckworth *et al.* 2008). In consideration of these phenotypic differences, *B. g. gaurus* and *B. g. laosiensis* have been provisionally accepted by IUCN as the two sub-species of Gaur, pending further research required to determine the taxonomy of this species.

Morphology

Gaurs are the tallest living wild cattle and distinctly sexually dimorphic. The pelage of adult bulls is shiny black, short-haired with a gray boss between horns, and rusty-coloured hair on the inner sides of thighs and forelegs, while the cows have a dark brown pelage. The presence of a distinct muscular crest between shoulders and a large dewlap hanging between the forelegs and smaller one under the chin distinguishes adult bulls from cows (Krishnan 1972).

Table 1: Morphometrics of Gaur*

Features	Males	Females
Shoulder height	1.7 – 2.0 m	
Body length	2.5 – 3.0 m	
Tail length	0.7 – 1.0 m	
Body weight	600 – 1000 kg	450 – 800 kg
Pelage	Black	Dark brown

* various sources

Horns are present in both sexes. In males the horns are longer, placed wider apart on the poll, spreading outwards and with the sharp tips pointing upwards while in females the horns are placed closer together and curve inwards and are less pointed. The white-to-black colour ratio on gaurs' horns characterizes the age of the individuals. Males above 8 years have horns that are over 85% white, worn at the ends, and heavily corrugated closer to the head. Similarly, females with more than 80% of white on the horns are older than 10 years (Ahrestani 2011).

At birth, gaurs stand 70 cm at the shoulder, have a pale orange-brown body coat but lack the characteristic white stockings that only appear with change to a dark brown pelage at three months of age. With advancing age the coat colour of bulls turn black while that of cows remain dark-brown. Until the age of 15 months, both the sexes are similar in height and size and although the horns of males are longer, they do not differ in shape from those of females and besides the scrotum, no other visible morphological difference is distinguishable between the sexes. It is from the age of 15 months onwards that the sexes are differentiable by the size and shape of horns (Ahrestani 2011).

Geographical Distribution

The historical distribution of Gaur ranged throughout mainland south and south-east Asia and Sri Lanka. At present, Gaur is distributed in South and South-east Asia from India to peninsular Malaysia, occurring in India, Nepal, Bhutan, Bangladesh, Myanmar, Thailand, China, Laos, Cambodia, Vietnam and Peninsular Malaysia but extinct in Sri Lanka (Grubb 2005). In India, the distribution of Gaur is highly fragmented and is confined to the Western Ghats, Central Indian highlands and the foot hills of Himalayas, including the hills south of Brahmaputra River.

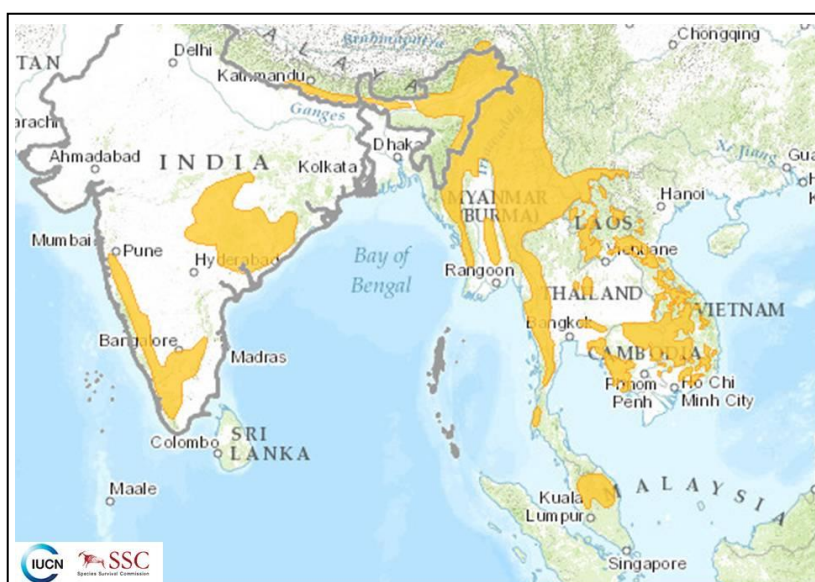


Figure 1: Geographic range of *Bos gaurus gaurus* (Duckworth et al. 2008)

In India, the distribution of Gaur is highly fragmented and is confined to the Western Ghats, Central Indian highlands and the foot hills of Himalayas, including the hills south of Brahmaputra River.

Habitat

The species inhabits forest tracts in hilly terrain with abundant sources of forage and water (Schaller 1967); from sea level up to at least 2,800 m msl (Wood 1937, Wharton 1968, Choudhury 2002). In India the species inhabits evergreen, semi-evergreen and moist-deciduous forests and dry deciduous forests at the periphery of their preferred habitats (Schaller 1967). The preference for hilly terrain is attributed to the conversion of plains and other low-lying areas to croplands and pastures, forcing the species towards areas with low human densities (Schaller 1967, Wharton 1968).

Preference for different habitats have been observed; riparian forests are usually preferred due to the availability of water sources (perennial streams and artificial waterholes) while open mixed forests are avoided during all seasons, due to the shortage of food and water (Sankar *et al.* 2013). Among all other forest types, continuous tracts of mixed bamboo forest, providing rich sources of forage, are preferred (Paliwal and Mathur 2012). Agricultural lands are usually avoided by gaur due to anthropogenic disturbances while meadows and low-lying areas are frequented during most part of the year with the exception in monsoon when areas with steep slope are preferred (Schaller 1967, Sankar *et al.* 2013). They prefer burnt areas due to the availability of regenerating green grass (Paliwal and Mathur 2012).

The daily distance covered has been reported as 3.2 – 4.8 km/day in Kanha by Schaller (1967) while the home range size has been varyingly reported to range from 78 km² in Kanha (Schaller 1967) to 13 km² in Taman Negara National Park, Malaysia (Weigum 1972) and is influenced by habitat conditions. The overall individual home ranges for both sexes were however, reported to be much larger in relocated gaur in the Bandhavgarh Tiger Reserve (135 to 142 km² for males and 32 to 169 km² for females) (Sankar *et al.* 2013).

Feeding ecology

A polyphagous feeding habit has been reported for this species enabling them to colonize a wide range of vegetation types (Ashokkumar *et al.* 2011). A total of 151 species of food plants were identified to be consumed by gaurs in the Parambikulam Wildlife Sanctuary that supports a vegetation type ranging from evergreen to moist deciduous (Easa 1998). In the tropical dry deciduous forest of Mudumalai, Gaurs have been observed to feed on 155 species of plants with majority of food plants belonging to *Poaceae*, *Fabaceae*, *Asteraceae* and *Malvaceae*. In the tropical dry and moist deciduous forests of Pench, a total of 78 species of plants belonging to 28 families were recorded in the diet of gaur (Sankar *et al.* 2000) with the family *Leguminosae* accounting for the highest proportion (18%), followed by the family *Gramineae* (15%).

They are known to avoid fully mature grasses and woody plants for most of the year (Krishnan 1972; Gad and Shyama 2011); however, coarse leaves, buds, bark and fruits are consumed when green grass is not available (Krishnan 1972, Brander 1923; Schaller 1967; Ranjitsinh 1997; Pasha *et al.* 2002). A probable reason being the increased quantity of poor quality food in their diet during dry seasons requiring a high fibrous diet that increases digestive efficiency by increasing the retention time of food in the gut (Owen 1988) and also by increasing the turnover rate of the rumen content (Bell 1971). Salt licks are periodically visited and they are obligatory drinkers visiting water bodies twice a day during summer.

Activity and ranging pattern

The movement, activity and ranging pattern of gaur is influenced by factors such as seasonal variations in vegetation composition, group size, availability of water and rutting behaviour (Schaller 1967). Gaurs' are predominantly diurnal but have been reported to be nocturnal in areas of high human disturbance (Ashokkumar *et al.* 2011). They exhibit bimodal diurnal, feeding and movement peaks during morning and evening hours (Manjrekar *et al.* 2017). The noon time heat is avoided by animals moving towards vegetation cover and resting and ruminating (Ashokkumar *et al.* 2011).

Social interactions are common both in the early morning hours and during resting period after intensive feeding (Easa 1998). Defecation, urination and nursing occur throughout the day. While vocalization by both sexes occurs during the early and late hours of the day during rutting season, vocal communication by females is particularly observed at the time of aggregation, when the members of family units come closer (Easa 1998). Vigilant behaviour is more common during feeding hours when the individual stands in a posture with its head raised, ears erected and directing its head towards source of danger (Ashokkumar *et al.* 2011). Manjrekar *et al.* (2017) reported that time spent feeding by adult bulls was higher in bachelor herds, while adult bulls may spend lesser time feeding and more time in tending to cows.

Social and breeding behaviour

Gaurs' are gregarious in nature with matrilineal societies (Ashokkumar *et al.* 2010) adult females usually lead the herds (Krasinski 1978). The group structure is fluid and dynamic and the observed social associations are solitary males, bull groups and mixed herds (Areendran 2007, Ashokkumar *et al.* 2010). The group size of mixed herds ranges from 1 to 16 animals (Brander 1923, Karanth and Sunquist 1992, Sankar *et al.* 2000) and occasionally ranges up to 47 individuals (Ashokkumar *et al.* 2004). Highest groups size has been observed during winter followed by monsoon and summer (Sankar *et al.* 2000; Ashokkumar *et al.* 2010). The herd constitutes of several adult females, juveniles, and calves; while the number of adult males changes with the time of year.



The sex ratio at birth is equal (Schaller 1967); however, the adult sex ratio shows a female bias (Karanth and Sunquist 1992; Easa 1998; Vairavel 1998) attributed to sex differential mortality (Easa 1998).

Mature males and females associate during the rutting season (Areendran 2007) that varies between November and March in southern India (Morris 1937, Ashokkumar *et al.*, 2004) and in Central India during December to January (Brander 1923). While in Kanha National Park, during April (Schaller 1967).

Social behavioural gestures include licking of group members, nursing calves, fighting and playing. Vocalizations reported include snorting, *phoo/pffhong* calls when alert and *moo* calls at the time of feeding

(Ashokkumar *et al.* 2011). During rut the males produce high pitched and far carrying rutting calls. Sexual behaviour by gaur bulls includes rutting, flehmen, tending and mounting. The cows usually move away from the herd before giving birth and conceal the calf in hiding places for a short period of time, thereby, reducing predation risks to the highly conspicuous golden brown coloured calf to some extent (Easa 1998). Calves become active within a few minutes of birth (Gokula 1997) and suckle for 5-8 months. Since calves remain with their mothers for two years, cows do not breed again until the third year.

Table 2: Life-history traits of Gaur

Age at sexual maturity	26 months (Ahrestani <i>et al.</i> 2011)
Mating season	November and March (in south India) (Morris 1937) December to January (in central India) (Brander 1923)
Mean age at first conception	37.6 months (Ahrestani <i>et al.</i> 2011)
Gestation period	~ 9.5 months (Hubback 1937, Schaller 1967).
Maximum longevity	24 years (female) (Ahrestani <i>et al.</i> 2011) 23.6 years (male) (Crandall 1964)
Oldest age at conception	18 years (Ahrestani <i>et al.</i> 2011)

Threats and Conservation Actions

The species is threatened by habitat loss, degradation and poaching (Choudhury, 2002; Areendran 2007; Duckworth *et al.* 2008); competition from domestic livestock (Pasha *et al.* 2004); disease outbreaks in livestock (Salter 1983; Ranjitsinh 1997; Davidar 1997)

They are categorized as “Vulnerable” in the IUCN Red List of Threatened Species, 2009. It is protected under Schedule I of the Wildlife Protection Act 1972 of India and is listed in Appendix I of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), which bans all international trade of gaur products.

Conservation actions to ensure the long term survival of the species include livestock vaccination programs, control of cattle grazing and ensuring protection (Ashokkumar *et al.* 2011). Additional efforts include translocation to Bandahvagarh where the species went locally extinct in 1996 were undertaken in 2011 and are summarised in Pabla *et al.* (2011) and Nigam *et al.* (2014).

Status in Captivity

The species is held at 31 institutions globally with a total of 183 (84.89.2) specimens, while 12 institutions house 97 (46.44.7) specimens in India according to the ZIMS database. The CZA inventory (Table 3) indicates the presence of 137 (74.58.5) specimens, at 17 Indian zoos while the data that was made available by holding zoos for the compilation of the studbook includes 152 (80.67.5) specimens at 17 locations.

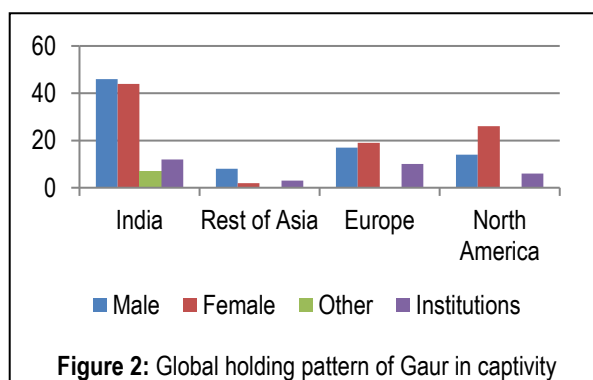


Table 3: Status of Gaur in Indian Zoos

Zoo Name	Species360				CZA Inventory				Studbook				Remarks
	M	F	U	Total	M	F	U	Total	M	F	U	Total	
Arignar Anna Zoological Park	10	14	0	24	11	13	0	24	11	14	0	25	
Nandankanan Biological Park	1	2	0	3	2	2	0	4	2	1	1	4	Based on data provided by the zoo
Mahendra Chaudhury Zoological Park	1	2	3	6	3	0	0	3	1	3	2	6	No data received based on taxon report
Sri Chamarajendra Zoological Gardens	17	15	2	34	15	16	4	35	17	16	2	35	
Indira Gandhi Zoological Park	0	0	0	0	5	3	1	9	6	6	0	12	No data received, information based on taxon report and transfer data provided by other zoos
Van Vihar National Park Zoo	3	0	0	3	2	0	0	2	2	0	0	2	
Sri Venkateswara Zoological Park	0	0	2	2	2	5	0	7	1	2	0	3	Based on data provided by the zoo
Thiruvananthapuram Zoo	0	0	0	0	7	3	0	10	8	4	0	12	Based on data provided by the zoo
Nehru Zoological Park	4	4	0	8	4	3	0	7	9	6	0	15	Based on data provided by the zoo
Kanan Pandari Zoo	0	0	0	0	3	1	0	4	3	1	0	4	
National Zoological Park	2	4	0	6	3	5	0	8	2	4	0	6	No data received based on taxon report
Sanjay Gandhi Biological Park	0	1	0	1	0	1	0	1	0	1	0	1	
Bondla Zoo	0	0	0	0	5	3	0	8	6	3	0	9	Based on data provided by the zoo
Rajiv Gandhi Zoological Park And Wildlife Research Center	2	0	0	2	2	0	0	2	2	0	0	2	
Bhagwan Birsa Biological Park	0	0	0	0	4	1	0	5	4	1	0	5	
Sakkarbaug Zoo	1	1	0	2	1	1	0	2	1	1	0	2	No data received, information based on taxon report
Bannerghatta Biological Park	5	1	0	6	5	1	0	6	5	4	0	9	Based on data provided by the zoo
Total	46	44	7	97	74	58	5	137	80	67	5	152	

Methods

Data on individual history was collected by means of questionnaires, zoo visits and from the websites of CZA and Species360. Questionnaires were sent to the institutions housing Gaur in India, requesting information for each captive specimen. Data was entered in the Single Population Analysis and Records Keeping System (SPARKS v 1.66) (ISIS 2004) and subsequently exported to population management programme PMx v 1.2 (Ballou *et al.*, 2011) for further analysis.

Scope of the Studbook

- The studbook includes all specimens present in Indian zoos for which records were available from holding institutions. Efforts were made to retrieve information on their holding from the taxon report of the species from the Species360 website for institutions from which records were not received. For zoos from which information was not received pedigree records in the SPARKS database have been included on the basis of taxon reports and data regarding transfer of animals provided by other holding zoos.
- The CZA inventory was used as a benchmark for population estimates and deviations from the same (Table 3) are attributed to non-availability of required information from holding institutions though repeated requests for the same were made.
- The mnemonics present in the SPARKS software were used as names for individual institutions; while for those institutions for which mnemonics were not present in the SPARKS Software, the same were assigned based on their location listed on the CZA Website and the same are listed in the location glossary (Annexure IV). The mnemonic India was used for all specimens acquired from the wild.

Analysis

Demographic Status

Historical Population

The studbook includes a total of 263 (144.114.5) specimens that have been housed at 18 Indian zoos. The first recorded entry of the species in captivity was in March 1987 at Arignar Anna Zoological Park, Chennai with the acquisition of a wild origin male; subsequently a male and female wild origin specimen was acquired by Nehru Zoological Park, Hyderabad in June and September 1987 respectively. Growth in the population has been primarily due to captive births with 18 (9.9.0) wild origin specimens; forming approximately 7% of the captive population. A total of 245 (135.105.5) births have occurred in captivity accounting for 93% of the total population. The captive births are

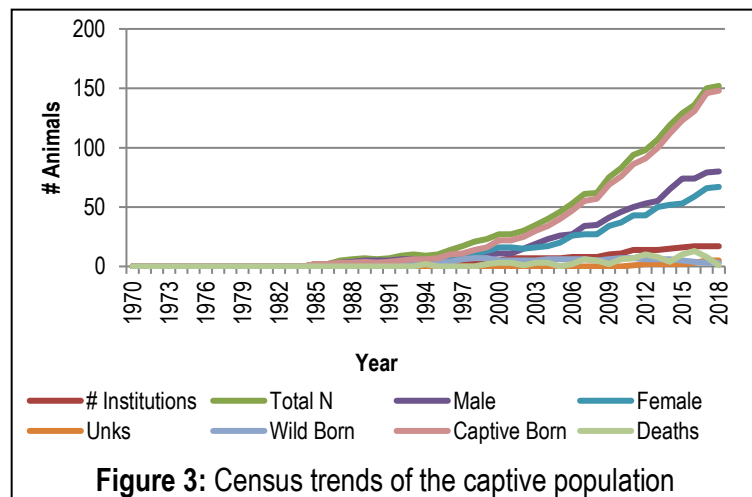


Table 4: Summary of the Historical Population

	Males	Females	Unknown	Total
Studbook size	144	114	5	263
Acquisition from wild	9	9	0	18
Captive born	135	105	5	245
Deaths	65	47	0	112
Breeding individuals	36	48	0	84

attributed to 84 (36.48.0) i.e. approximately 32% of the captive population is reproductively active. The population since its inception has also witnessed 112 (65.47.0) deaths. Figure 3 and Table 4 summarize the trends of the historical population while Annexure I includes detailed event-wise information on individual specimens.

Living Population

The living population includes 152 (80.67.5) specimens housed at 17 institutions; with 3 (1.2.0) wild origin specimens. Approximately 30% or 46 (21.25.0) animals are proven breeders in the living population. Table 5 summarizes the status of the living

Table 5: Summary of living population

	Males	Females	Unknown	Total
Living	80	67	5	152
Wild-born	1	2	0	3
Captive-born	78	64	5	148
Breeding	21	25	0	46

population while Annexure II provides location-wise specimen details of the living individuals. A perusal of Table 3 and Annexure II reveals the presence of approximately 40% of the population at Sri Chamarajendra Zoological Garden and Arignar Anna Zoological Park.

Population Vital Rates

The population is currently declining at a rate of approximately 9% annually with females showing a faster increase of approximately 9%. The captive population has a generation time of 8.9 years. The increasing population trend is also reflected in the projected population after 20 years with an increase of 788 individuals in the population.

Table 6: Vital rates of the captive population

	Males	Females	Total
λ : Population growth rate	1.072	1.103	1.087
T: Generation time (in years)	8.9	7.1	8.0
N 20: Projected population after 20 years	457.8	481.3	939.0

Age Distribution

Age distribution of 147 (80.67) known age living specimens indicates a male bias. The living population includes 125 (66.59) animals of known age and sex in reproductively active age classes (Figure 4). An additional 4 specimens of unknown sex are also present in the reproductively active age classes. It also shows the presence of 2 (1.1) specimens of either sex in the post reproductive age class. The age distribution of the captive Gaur population is suggestive of a demographically stable captive population that can be used for rapid growth for a restocking/ reintroduction effort if required.

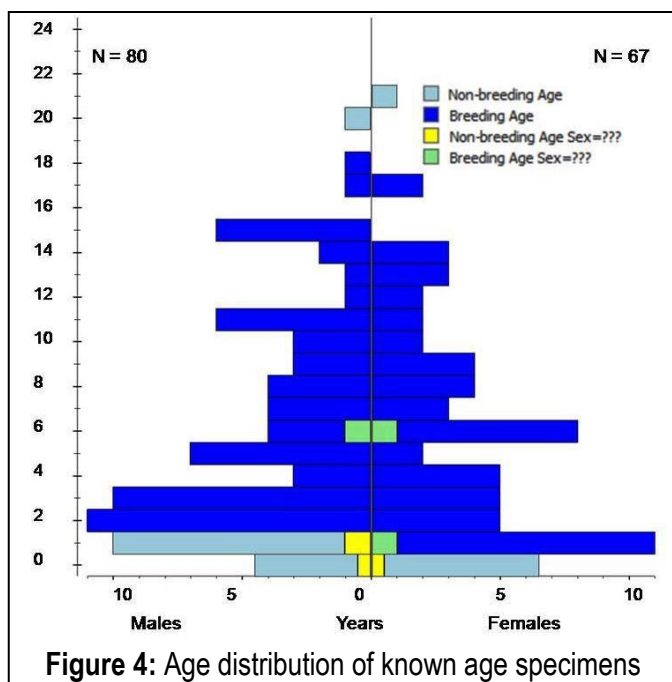


Figure 4: Age distribution of known age specimens

Genetic Status

Table 5 summarizes the genetic status of the living population. Analysis indicates that it originates from 13 founders although the population includes 3 (1.2) wild origin specimens. The living population of 152 specimens retains only 86.33% of the genetic diversity brought in by these 13 founders. Limitations to effective record keeping due to inadequate marking of individual specimens are reflected in only 74.4% of the specimens having known pedigrees. The unequal representation of the 13 founders in the living population has resulted in the population having the founder genome equivalents of only 3.66 wild origin specimens. The population is characterized by breeding between closely related individuals (ranges between parent-offspring/ full sibling to step-parents / half sibling level) with a high level of relatedness between individuals as is reflected by the values of mean inbreeding and population mean kinship. The poor representation of the small founder base and high degree of relatedness between individuals is a cause for concern.

Table 7: Genetic Summary of the current population

Genetic parameters	Current
Founders	13
Living Animals	152
Percent Ancestry Known	74.4
Gene Diversity (GD)	0.8633
Founder Genome Equivalent (FGE)	3.66
Mean Inbreeding (F)	0.2121
Population mean kinship (Mk)	0.1367
Ne/N	0.3415

Pairing Recommendations

The pairing recommendations (table 8) for the species in captivity have been arrived at based on 'Mate Suitability Index' (Box 1 for details) that assesses changes in genetic diversity, differences in mean kinship and inbreeding coefficient as result of each pairing choice being exercised. Pairing recommendations could be made for 12 pairs though the population includes 129 (66.59) specimens of known sex and age in reproductively active age classes as the current population comprises of closely related individuals. Pairing of such specimens would lead to significant loss of genetic diversity.

Table 8: Pairing recommendations

Dam		Sire		F	dGD	MSI
NSB #	Location	NSB #	Location			
00225	VISAKAPAT	00222	VANVIHAR	0.0000	0.0021	1
00115	MADRAS	00148	VANVIHAR	0.0000	0.0040	1
00062	MADRAS	00099	BANNERGHA	0.0000	0.0061	1
00258	TRIVANDRU	00223	MADRAS	0.0391	0.0066	2
00236	MADRAS	00260	TRIVANDRU	0.0391	0.0074	2
00181	MADRAS	00047	BANNERGHA	0.0313	0.0080	2
00237	MADRAS	00102	MYSORE	0.0430	0.0082	3
00156	MADRAS	00083	MYSORE	0.0391	0.0086	3
00149	BANNERGHA	00170	MADRAS	0.0430	0.0087	3
00155	MADRAS	00083	MYSORE	0.0391	0.0088	3
00088	MADRAS	00193	BANNERGHA	0.0547	0.0092	3
00107	TIRUPATI	00168	MADRAS	0.0547	0.0092	3

Box 1: Mate Suitability Index (MSI)

It is a numerical genetic assessment of a male-female pair that incorporates several variables into one ranking (MSI range is 1 to 7, with 1 being the most genetically beneficial).

The default value in the table is the *MSI* (Mate Suitability Index) value for each male–female pair. *MSI* is a composite score that integrates four genetic components into a single index:

Delta GD (dGD): Change in gene diversity (GD) of the population if one offspring is produced by the pair. Positive dGD increases the GD of the population, while negative dGD decreases GD.

Differences in MK values (MKDiff): Difference in the genetic value (mean kinship value) of the male and female. Breeding a pair with a large MKDiff is detrimental because it combines under-represented and over-represented genetic lines.

Inbreeding coefficient (F): Inbreeding coefficient of any offspring resulting from the pair (i.e., the kinship value for the pair). Inbreeding is considered to be detrimental to the fitness of the resulting offspring.

Unknown ancestry: The amount of unknown ancestry in the male and female. Incomplete pedigree information means that the genetic value and relatedness of a pair cannot be accurately calculated.

1 = very beneficial (genetically) to the population;

2 = moderately beneficial,

3 = slightly beneficial;

4 = slightly detrimental,

5 = detrimental, should only be used if demographically necessary

6 = very detrimental (should be considered only if demographic considerations override preservation of genetic diversity)

“-“ = very highly detrimental (should not be paired, due to high level of kinship of pair)

Using Pairwise Info

The default table of *MSI* values for pairs can be used to quickly assess the relative genetic value of a pair, subset of pairs, potential mates for one individual, and many other valuable data when making breeding recommendations. This can be especially helpful to quickly explore options for pairing individuals at one facility that houses numerous individuals of each sex or to quickly identify an alternative suitable mate if a recommended breeding fails.

Source: Traylor-Holzer, K. (ed.). 2011.

Target for Population Management

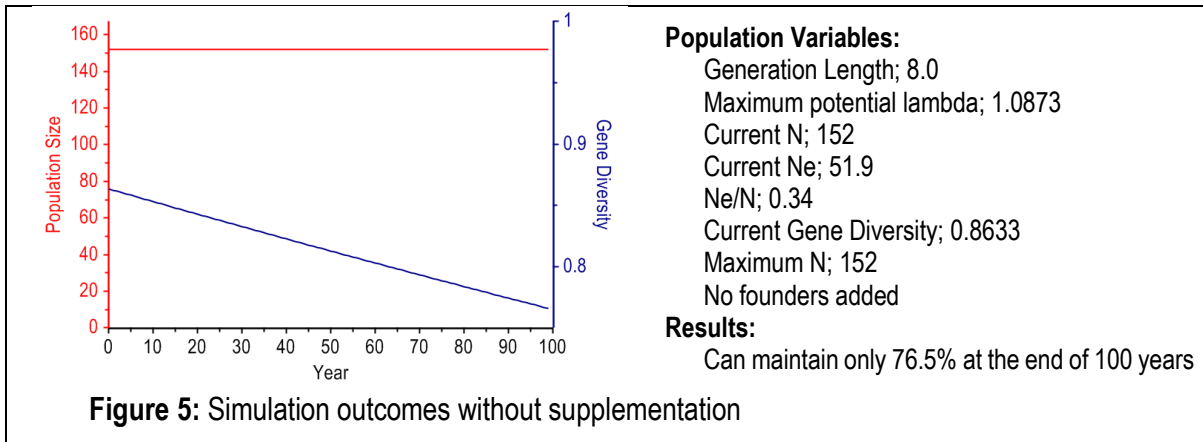
The current captive population of Gaur includes 152 (80.67.5) individuals. This includes 3 (1.2.0) wild origin specimens. The current population includes descendants of 13 founders, while the current population includes 3 (1.2) wild origin specimens of which 2 are yet to contribute to the population. The population is currently increasing ($\lambda = 1.087$). The population retains a limited amount of genetic diversity (86.33% introduced from 13 founders) and includes closely related individuals (Mean Inbreeding: 0.2121 and Population Mean Kinship: 0.1367). Achieving conservation goals for the population is thus of critical importance.

Multiple simulations were run using PMx to determine the fate of the current population for assessing the effect of management interventions that result in an increased population growth rate desired for achieving demographic stability and supplementation with effective founders for ensuring genetic viability; over the next 100 years. The outcomes of the scenarios that were run without change and with changes (supplementation with effective founders and increasing the population growth rate) that ensure a genetically viable and demographically stable population over the next 100 years are presented below.

Scenario I:

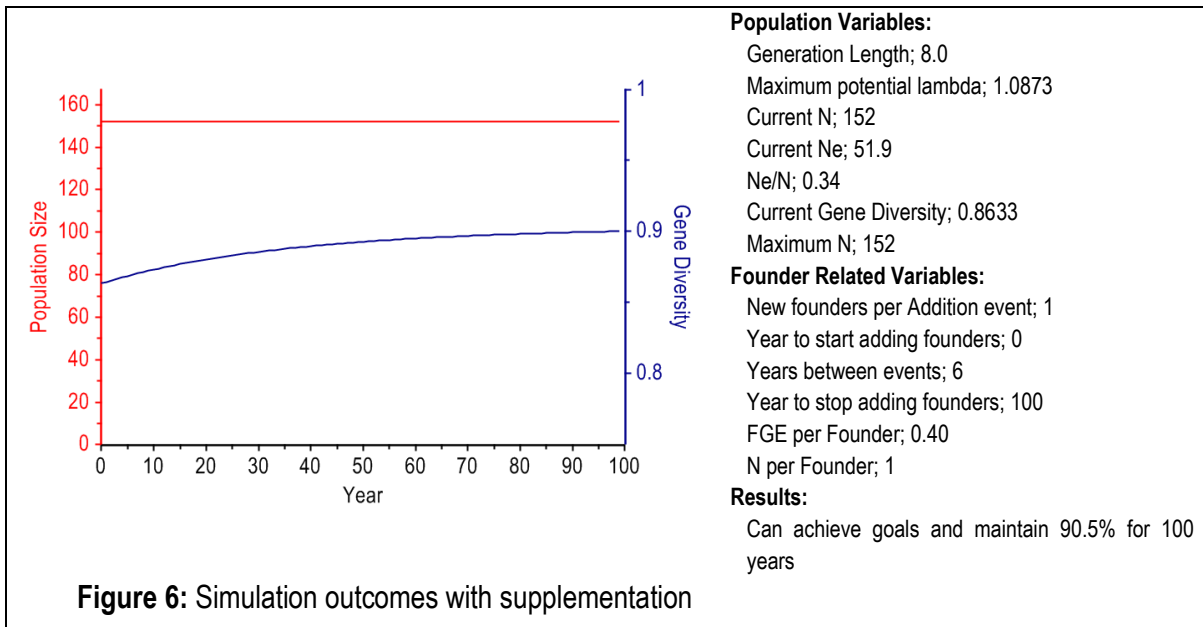
The simulation was run using the current population variables without supplementation with additional animals while retaining the current population size (152). The outcomes indicate that the population in

captivity is likely to persist at its current level. It would; however, lose a significant proportion of its genetic diversity making it vulnerable to stochastic events. The population variables used and the outcomes of the simulation are presented in Figure 5.



Scenario II:

The outcomes of the simulation that was run using the current population variables with supplementation by one effective founder every 6 years provided a population that was able to achieve the goals of maintaining 90% of the genetic diversity. The population and founder related variables, and the simulation outcome are presented as Figure 6. The inclusion of additional effective founders can be by way of inclusion of rescued animals in the population with new entrant’s targeting lineages that are over-represented to ensure equitable representation of founder lineages in the captive population.



Conclusions and Recommendations

Gaur (*Bos gaurus*) continue to face threats to their long term survival in their natural habitats across their distribution range and are accordingly listed in the Schedule I of the Wildlife Protection Act of India and as 'Vulnerable' in the IUCN Redlist of threatened species. The threats faced by the species remain operational and the populations across their range are showing declining trend. Maintenance of demographically stable and genetically viable *ex-situ* populations is thus crucial for ensuring the continued survival of the species.

A review of the status of the current captive population in Indian zoos based on analysis of available pedigree records indicates that the current population despite an increasing trend ($\lambda = 1.087$) remains vulnerable to stochastic events due to limited genetic variability retained by it due to the close relationship between its members (Mean Inbreeding: 0.2121 and Population Mean Kinship: 0.1367). The population is distributed across 17 institutions with 5 holding more than 10 specimens.

The limited genetic diversity retained by the population is an outcome of the limited number of founders used in the breeding programme with over-representation of two individuals. Maintenance of long-term sustainable populations is therefore dependent on managing the limited genetic diversity retained by the population. In this regard following actions are suggested:

- I. Pairing of animals as suggested in the pairing recommendations made in the studbook can ensure maintenance of desired levels of genetic diversity.
- II. Supplementation of the population with at-least 1 effective founder every 6 years and ensuring an equitable representation of founder genome by equalizing family sizes and providing opportunities for under-represented lineages to be equally represented in the population can ensure maintenance of genetic variability and reduce chances stochastic events causing declines in the captive population.

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Historical Population of Gaur (*Bos gaurus*) in Indian Zoos

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00001 RAJAN JR	M	~ 1985	UNK	UNK	USGOWN	~ 1985 27-Sep-03	Birth Death
00002 UNM1	F	~ 1985	UNK	UNK	DACCA DELHI	~ 1985 06-Apr-90	Birth Ltf
00003 KESHAVA	M	????	UNK	UNK	BANNERGHA	???? ????	Birth Death
00004 SHEELA	F	????	UNK	UNK	BANNERGHA	???? ????	Birth Death
00005 GOVIND BG0005	M	????	WILD	WILD	INDIA HYDERABAD	16-Jun-87 16-Jun-87 06-Apr-01	Capture Transfer Death
00006 GANGAWATHI	F	16-Sep-87	UNK	UNK	HYDERABAD	16-Sep-87 07-Mar-99	Birth Death
00007 RANI 311/82	F	~ 1998	WILD	WILD	INDIA BANNERGHA	13-Dec-06 13-Dec-06 23-Jan-12	Capture Transfer Death
00008 SHERU M00052	M	~ 1984	WILD	WILD	INDIA MYSORE	06-Nov-88 06-Nov-88 02-Aug-00	Capture Transfer Death
00009 RANI I M00053	F	~ 1988	WILD	WILD	INDIA BANNERGHA MYSORE	???? ???? 28-Jan-92 10-Feb-07	Capture Transfer Transfer Death
00010 VARUNDA	F	03-Apr-89	00003	00004	BANNERGHA	03-Apr-89	Birth Ltf
00011 BG0007 TRISUL	M	10-Apr-89	UNK	UNK	HYDERABAD	10-Apr-89 13-Jun-94	Birth Death
00012 BG0006 GANGOTRI	F	25-Nov-91	UNK	UNK	HYDERABAD	25-Nov-91 24-Mar-99	Birth Death
00013 M00114 ARJUN/AZAR 301/73	M	27-Nov-92	00008	00009	MYSORE BANNERGHA	27-Nov-92 ~ 2001 17-Jul-07	Birth Transfer Death
00014 RAMA	M	????	UNK	UNK	BANNERGHA	???? ????	Birth Death
00015 MADHURI I	F	????	UNK	UNK	BANNERGHA	???? ????	Birth Death
00016 BG0009 GOWRI	F	01-Nov-93	00005	00012	HYDERABAD	01-Nov-93 02-Mar-04	Birth Death
00017 RADHA	F	~ 1996	UNK	UNK	HYDERABAD	~ 1996 10-Mar-04	Birth Death
00018 M00055 MADHURI	F	22-Mar-96	00008	00009	MYSORE	22-Mar-96 05-Mar-13	Birth Death
00019 GOPAL	M	10-Nov-96	00005	00016	HYDERABAD	10-Nov-96 02-Mar-04	Birth Death
00020 GANESHA	M	28-Nov-96	00014	00015	BANNERGHA	28-Nov-96	Birth Ltf

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00021 THUNGE/SANDHYA M00071 302/74	F	~ 1996	WILD	WILD	INDIA MYSORE BANNERGHA	02-Dec-96 02-Dec-96 13-Dec-01 15-Jun-08	Capture Transfer Transfer Death
00022 M00089 SACHIN	M	28-Feb-94	00008	00009	MYSORE	28-Feb-94 13-Oct-00	Birth Death
00024 ROSY	F	~ 1993	WILD	WILD	INDIA USGOWN	04-Nov-97 04-Nov-97 22-Jul-15	Capture Transfer Death
00025 M00054 ANIL	M	06-Apr-95	00008	00009	MYSORE	06-Apr-95 10-Jan-07	Birth Death
00026 M00056 MEENA	F	16-Mar-97	00008	00009	MYSORE	16-Mar-97	Birth
00027 GOWHAR	M	12-Jan-98	00005	00016	HYDERABAD VISA KAPAT	12-Jan-98 13-Mar-00	Birth Transfer
00028 MANI 100171	M	~ 1995	WILD	WILD	INDIA MADRAS	24-Mar-98 25-Mar-98 03-Aug-11	Capture Transfer Death
00029 UNAMED	M	31-Aug-98	00001	00024	USGOWN MOLEM	31-Aug-98 09-Dec-99	Birth Release
00030 M00670 GANGE/MANISHA 303/75	F	12-Jan-99	00008	00009	MYSORE BANNERGHA	12-Jan-99 13-Dec-01 04-Jan-08	Birth Transfer Death
00031 M00060 SUNDARI	F	07-Mar-99	00008	00018	MYSORE	07-Mar-99 25-Sep-09	Birth Death
00032 REMO	M	26-Oct-99	00001	00024	USGOWN	26-Oct-99	Birth
00033 GAUTAMI	F	11-Dec-99	00005	00016	HYDERABAD	11-Dec-99 23-Aug-03	Birth Death
00034 M00090 LAARA	M	09-May-00	00022	00021	MYSORE	09-May-00 21-Jul-16	Birth Death
00035 M00091 ROSE	F	12-Aug-00	00025	00018	MYSORE	12-Aug-00 17-Aug-14	Birth Death
00036 M00092 JASMINE	F	24-Aug-00	00025	00026	MYSORE	24-Aug-00 03-Aug-15	Birth Death
00037 M00672 LILLY/MEENA 100170	F	06-Nov-00	00025	00009	MYSORE MADRAS	06-Nov-00 21-Dec-03 02-Sep-09	Birth Transfer Death
00038 PREM BG0010	M	06-Dec-00	00001	00024	USGOWN HYDERABAD	06-Dec-00 19-Sep-09	Birth Transfer
00039 GAYATRI	F	22-Dec-00	00005	00016	HYDERABAD VISA KAPAT	22-Dec-00 21-Sep-02	Birth Transfer
00040 RESHMA	F	15-Mar-01	00019	00016	HYDERABAD VISA KAPAT	15-Mar-01 15-Mar-04	Birth Transfer

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00041 RABI	M	????	WILD	WILD	INDIA SEPAHIJAL	23-Mar-01 24-Mar-01 ~ 2006	Capture Transfer Death
00042 UNAME2	M	06-Oct-01	00001	00024	USGOWN	06-Oct-01 06-Oct-01	Birth Death
00043 308/79 CHATURTHA	M	~ Jan 2005	00013	00021	BANNERGHA	~ Jan 2005 28-Sep-13	Birth Death
00044 61 RANGANATH	M	09-Apr-02	00020	00015	BANNERGHA	09-Apr-02	Birth Ltf
00045 305/77 BALARAMA	M	~ 2002	00013	00030	BANNERGHA	~ 2002 13-Aug-07	Birth Death
00046 VEERU	M	20-Sep-02	00001	00024	USGOWN VISAKAPAT	20-Sep-02 11-Mar-10	Birth Transfer
00047 304/76 BHEEMA	M	12-Oct-02	00013	00021	BANNERGHA	12-Oct-02	Birth
00048 307/78 BHARAT	M	01-Jan-03	00013	00030	BANNERGHA	01-Jan-03	Birth
00049 M00674 BHUVAN	M	27-May-03	00025	00009	MYSORE	27-May-03 27-Jun-08	Birth Death
00050	F	14-Feb-03	00019	00016	HYDERABAD	14-Feb-03 ????	Birth Death
00051 M00057 CHETAN	M	23-Mar-03	00025	00026	MYSORE	23-Mar-03	Birth
00052 SHIVA	M	30-Jul-03	00019	00033	HYDERABAD VISAKAPAT	30-Jul-03 29-Jan-04	Birth Transfer
00053 M00093 KALPANA	F	25-Aug-03	00034	00036	MYSORE	25-Aug-03	Birth
00054 RANI	F	04-Sep-03	00001	00024	USGOWN VISAKAPAT	04-Sep-03 17-Sep-09	Birth Transfer
00055 M00094 VIPIN	M	01-Oct-03	00025	00018	MYSORE	01-Oct-03	Birth
00056 306 RAVINDRA	M	02-Jan-04	00013	00021	BANNERGHA	02-Jan-04 29-Aug-08	Birth Death
00057 M00058 AMITH	M	16-Apr-04	00025	00009	MYSORE	16-Apr-04	Birth
00058 M00095 AKILA	F	07-May-04	00034	00035	MYSORE	07-May-04 12-Dec-12	Birth Death
00059 ANJU 00063B3B7D	F	27-Feb-06	00034	00036	MYSORE CHATBIR Z	27-Feb-06 08-Dec-06	Birth Transfer
00060 MADHAN	M	31-Aug-04	UNK	00037	MADRAS	31-Aug-04 26-Aug-06	Birth Death

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00061 SOMU	M	09-Sep-04	00032	00024	USGOWN	09-Sep-04	Birth
00062 GEETHA 100172	F	~ Apr 2004	WILD	WILD	INDIA MADRAS	14-Dec-04 15-Dec-04	Capture Transfer
00063 280002 VIKRAM 00-063A-D194	M	~ 2000	00025	00018	MYSORE DELHI	~ 2000 12-Sep-06 12-Aug-16	Birth Transfer Death
00064 NEELAM 00-063B-4AC8	F	????	00025	00031	MYSORE DELHI	???? 12-Sep-06	Birth Ltf
00065 M00059 VIOLAINE	F	23-Mar-05	00025	00009	MYSORE	23-Mar-05	Birth
00066 M00675 280001 PRIYA	F	18-Aug-04	00034	00036	MYSORE DELHI	18-Aug-04 12-Sep-06	Birth Transfer
00067 100173 RATHINAM	M	30-Oct-05	00028	00037	MADRAS	30-Oct-05 20-Aug-17	Birth Death
00068 M00677 HARSHITHA 00063B0101	F	05-Jul-05	00034	00026	MYSORE CHATBIR Z	05-Jul-05 08-Dec-06 14-Apr-08	Birth Transfer Death
00069 M00678 MANOJ 00063B28C2	M	16-Jul-05	00034	00035	MYSORE CHATBIR Z	16-Jul-05 08-Dec-06 02-Jan-07	Birth Transfer Death
00070 M00061 PREETHAM	M	17-Feb-06	00025	00031	MYSORE	17-Feb-06 17-Oct-17	Birth Death
00071 PINKY	F	26-Feb-06	00032	00054	USGOWN VISA KAPAT	26-Feb-06 11-Mar-10	Birth Transfer
00072 M00062 ANUBHAV	M	11-May-06	00025	00009	MYSORE	11-May-06	Birth
00073 M00096 2 SARITHA CZA/CBO145 (RIGHT EAR)	F	23-May-06	00025	00018	MYSORE JUNAGADH	23-May-06 25-Feb-11 18-Apr-12	Birth Transfer Death
00074 309/80 KAVERI	F	13-Mar-06	00013	00021	BANNERGHA	13-Mar-06 19-Jan-10	Birth Death
00075 ROSA	F	19-Sep-06	00032	00024	USGOWN	19-Sep-06	Birth
00077 100175 VIJAY	M	10-Apr-07	00028	00062	MADRAS	10-Apr-07	Birth
00078 100174 SUBA	F	03-Jan-07	00028	00037	MADRAS	03-Jan-07	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00079 M00063 SHESHAN EAR NOTCH (LEFT EAR)	M	01-Feb-07	00025	00026	MYSORE JUNAGADH	01-Feb-07 25-Feb-11	Birth Transfer
00080 M00681 ADITHYA CZA/CBO166 (EAR)	M	03-Jun-07	00034	00058	MYSORE RANCHI	03-Jun-07 15-Jul-09	Birth Transfer
00081 M00682 ASHOKA	M	24-Jun-07	00025	00065	MYSORE CHATBIR Z	24-Jun-07 19-Sep-08	Birth Transfer
00082 M00064 GOWRI 0063B72E5	F	01-Sep-07	00025	00018	MYSORE	01-Sep-07 03-Apr-12	Birth Death
00083 M00097 SIDDHU 00063B0C20 (NECK)	M	25-Sep-07	00034	00031	MYSORE	25-Sep-07	Birth
00084 M00098 HARSHA 00063B0314 CZA/CBO141 (LEFT EAR)	M	31-Dec-07	00034	00053	MYSORE	31-Dec-07	Birth
00085 280003	M	14-Dec-07	00063	00066	DELHI	14-Dec-07 17-May-12	Birth Death
00086 BHIMA	M	30-Dec-07	00032	00024	USGOWN HYDERABAD	30-Dec-07 12-Mar-10	Birth Transfer
00087 M00684 10119 PRAKASH 00-063B-1896 (NECK)	M	13-Mar-08	00057	00026	MYSORE PUNE	13-Mar-08 21-Sep-09	Birth Transfer
00088 100176 LEKSHMI	F	11-Apr-08	00028	00037	MADRAS	11-Apr-08	Birth
00089 M00683 RAGINI CZA/CBO142 (EAR)	F	09-Jan-08	00034	00035	MYSORE RANCHI	09-Jan-08 15-Jul-09	Birth Transfer
00090 AVINASH	M	13-Mar-08	UNK	00018	MYSORE	13-Mar-08	Birth Ltf
00091 100177 SARANYA	F	17-Mar-09	00028	00062	MADRAS VISAKAPAT	17-Mar-09 19-Dec-12 12-Sep-16	Birth Transfer Death
00092 M00685 10118 HAMSA 00063AF-363 (NECK)	F	30-Apr-08	00034	00036	MYSORE PUNE	30-Apr-08 21-Sep-09 28-Jul-17	Birth Transfer Death
00093 314 MAYA	F	02-Feb-09	00047	00007	BANNERGHA	02-Feb-09 19-Jan-10	Birth Death
00094 BEEMA	M	????	WILD	WILD	INDIA MADRAS	~19 Mar 1987 19-Mar-87	Capture Transfer

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
						21-Jul-94	Death
00095 M00100 SANJU 956000002162740 (NECK)	M	05-Mar-04	00025	00026	MYSORE	05-Mar-04 29-Mar-17	Birth Death
00097 310/81 SHANKAR	M	26-Jun-06	00013	00030	BANNERGHA	26-Jun-06 29-Sep-13	Birth Death
00099 99 MANAV	M	~ 2010	WILD	WILD	INDIA BANNERGHA	~ 1 Nov 2010 01-Nov-10	Capture Transfer
00100 313 KABEER	M	04-Jun-07	00013	00030	BANNERGHA	04-Jun-07 03-Aug-11	Birth Death
00101 M00066 LIKITHA 0006CC17DA (NECK)	F	21-Feb-09	00057	00026	MYSORE	21-Feb-09 07-Sep-11	Birth Death
00102 M00099 PUNITH 00-063AC-6F7 (NECK)	M	25-Dec-08	00034	00053	MYSORE	25-Dec-08	Birth
00103 M00065 RAVI	M	20-Dec-08	00057	00065	MYSORE	20-Dec-08	Birth
00104 M00686 RAMYA 00-06B7-5085 (NECK)	F	23-Apr-09	00034	00031	MYSORE	23-Apr-09 08-Jan-10	Birth Death
00105 M00103 SUSHMA 0006CD2D39 (NECK)	F	04-Jul-09	00034	00058	MYSORE TRIVANDRU	04-Jul-09 25-Aug-11	Birth Transfer
00106 M00104 GANGUBAI 0006CBDBE9 CZA/CBO167 (RIGHT EAR)	F	22-Jul-09	00034	00035	MYSORE TIRUPATI	22-Jul-09 13-Dec-11	Birth Transfer
00107 M00105 RAKSHA 0006CC29E8 (NECK) CZA/CBO168 (RIGHT EAR)	F	04-Aug-09	00034	00036	MYSORE TIRUPATI	04-Aug-09 13-Dec-11	Birth Transfer
00108 314 GAYATHRI	F	10-Aug-09	00047	00074	BANNERGHA	10-Aug-09 05-Sep-12	Birth Death
00109 M00067 NARASIMHA 0006B74F4F (NECK)	M	22-Nov-09	00051	00026	MYSORE TIRUPATI	22-Nov-09 13-Dec-11	Birth Transfer
00110 M00106 MAHADEVA 0006B75B54 (NECK)	M	02-Dec-09	00055	00073	MYSORE	02-Dec-09	Birth

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00111 M00107 VENKI 0006CC3690 (NECK) CZA/CBO176 (LEFT EAR)	M	19-Dec-09	00055	00053	MYSORE	19-Dec-09 04-Oct-10	Birth Death
00112 M00068 PRUTHVI 0006CC30BE CZA/CBO177 (LEFT EAR)	M	26-Dec-09	00057	00018	MYSORE TRIVANDRU	26-Dec-09 25-Aug-11	Birth Transfer
00113 M00069 SHIVRAJ 0006CBF2CC (NECK) CZA/CBO178 (LEFT EAR)	M	02-Feb-10	00057	00082	MYSORE	02-Feb-10 05-Apr-12	Birth Death
00114 M00070 RAGHAVENDRA 0006CBFEA4 CZA/CBO179 (RIGHT EAR)	M	14-Feb-10	00051	00065	MYSORE	14-Feb-10 19-Dec-10	Birth Death
00115 100178 CAUVERY	F	25-Apr-10	00028	00062	MADRAS	25-Apr-10	Birth
00116 M00108 1004 ANJALI 0006CD0621 (NECK)	F	13-Jun-10	00055	00058	MYSORE HYDERABAD	13-Jun-10 11-Sep-12	Birth Transfer
00117 M00109 1003 ANITHA 0006CBFDBG CZA/CBO180 (RIGHT EAR)	F	06-Jul-10	00055	00053	MYSORE HYDERABAD	06-Jul-10 11-Sep-12	Birth Transfer
00118 M00110 YATHISH 0006CBD688	M	12-Aug-10	00055	00036	MYSORE	12-Aug-10 21-Apr-11	Birth Death
00119 100179	M	12-Aug-10	00028	00078	MADRAS	12-Aug-10 27-Aug-10	Birth Death
00120 M00111 PZM001 DARSHINI 0006CBFA33 CZA/CBO184 (RIGHT EAR)	F	17-Nov-10	00055	00035	MYSORE PATNA	17-Nov-10 08-Jul-14 02-Oct-15	Birth Transfer Death
00121 M00087 VISHNU 0006CBE987 CZA/CBO185 (RIGHT EAR)	M	14-Dec-10	00057	00082	MYSORE	14-Dec-10 31-Aug-14	Birth Death
00122 M00086 280005 AJITH	M	03-Jan-11	00057	00026	MYSORE DELHI	03-Jan-11 26-Mar-14	Birth Transfer

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
CZA/CBO187 (RIGHT EAR)							
00123 M00112 PZM002 BABU CZA/CBO188 (RIGHT EAR)	M	08-Jan-11	00055	00073	MYSORE PATNA	08-Jan-11 08-Jul-14 06-Apr-15	Birth Transfer Death
00124 M00085 318 PRIYANKA	F	25-Jan-11	00057	00065	MYSORE BANNERGHA	25-Jan-11 28-Feb-12	Birth Transfer
00125 M00088 AKANKSHA CZA/CBO189 (LEFT EAR)	F	08-Feb-11	00057	00018	MYSORE	08-Feb-11	Birth
00126 100180	M	06-Apr-11	00028	00062	MADRAS	06-Apr-11 25-Jan-12	Birth Death
00127 M00747 BHIM 956000002157015 CB0/CZA190 (EAR PINNA)	M	05-Jun-11	00034	00058	MYSORE	05-Jun-11 09-Apr-13	Birth Death
00128 M00115 DIVYA	F	~ 1996	WILD	WILD	INDIA MYSORE	~ 1997 01-Jan-97 25-Apr-00	Capture Transfer Death
00129 M00116 SWARNA	F	27-Feb-98	00008	00009	MYSORE	27-Feb-98 02-Jul-01	Birth Death
00130 M00671 MUKTHA	F	08-Dec-99	00008	00009	MYSORE	08-Dec-99 12-Apr-02	Birth Death
00131 M00673 AJAY	M	14-Sep-02	UNK	UNK	MYSORE MADRAS	14-Sep-02 21-Dec-03 29-Dec-03	Birth Transfer Death
00132	M	30-Jul-03	00019	00033	HYDERABAD	30-Jul-03	Birth
00133 M00676 ARPITHA	F	12-Mar-05	00025	00031	MYSORE CHATBIR Z	12-Mar-05 08-Dec-06	Birth Transfer
00134 M00680 GUNDA	M	31-Jan-07	00034	00053	MYSORE	31-Jan-07 13-Nov-07	Birth Death
00135 BG0011 RAJVEER	M	~ Jan 2009	WILD	WILD	INDIA HYDERABAD	24-Feb-09 24-Feb-09 08-Sep-16	Capture Transfer Death
00136 280004	M	09-Jun-09	00063	00064	DELHI	09-Jun-09	Birth
00137 SAMSHER	M	28-Feb-10	UNK	UNK	USGOWN	28-Feb-10	Birth
00138	F	23-Jun-10	00081	UNK	CHATBIR Z	23-Jun-10	Birth
00139	M	03-Sep-10	00081	UNK	CHATBIR Z NANDANKAN	03-Sep-10 26-May-15	Birth Transfer
00140	M	????	WILD	WILD	INDIA VANVIHAR	03-Mar-11 03-Mar-11 26-Mar-11	Capture Transfer Death
00141	F	????	WILD	WILD	INDIA	17-Mar-11	Capture

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
					VANVIHAR	17-Mar-11 27-May-16	Transfer Death
00142	F	????	WILD	WILD	INDIA VANVIHAR	17-Mar-11 17-Mar-11 19-Mar-11	Capture Transfer Death
00143 100483	M	17-Jun-11	00067	00088	MADRAS	17-Jun-11 25-Jan-12	Birth Death
00144 M00761 280006 GEETHA 956000002151084	F	09-Jul-11	00034	00036	MYSORE DELHI	09-Jul-11 26-Mar-14	Birth Transfer
00145 100484 KAVI	M	08-Aug-11	00067	00078	MADRAS	08-Aug-11	Birth
00146 GAUR1	F	20-Aug-11	00081	UNK	CHATBIR Z NANDANKAN	20-Aug-11 26-May-15	Birth Transfer
00147	?	26-Aug-11	00081	UNK	CHATBIR Z	26-Aug-11	Birth
00148	M	13-Sep-11	WILD	00141	VANVIHAR	13-Sep-11	Birth
00149 M00776 316 DEEPA 956000002149927 CZA CBO 192	F	17-Sep-11	00034	00106	MYSORE BANNERGHA	17-Sep-11 28-Feb-12	Birth Transfer
00150 M00791 KUMTA 956000002156470 CZA CBO 194	F	28-Oct-11	00034	00035	MYSORE BANNERGHA	28-Oct-11 28-Feb-12	Birth Transfer
00151 M00801 BUDDHA	M	30-Dec-11	UNK	00018	MYSORE	30-Dec-11 31-Dec-11	Birth Death
00152 M00822 TRIBHUVAN 956000002161933 CZA 199	M	14-Jan-12	00070	00026	MYSORE	14-Jan-12 19-Aug-17	Birth Death
00153 SWARUP	M	28-Jan-12	00080	00089	RANCHI	28-Jan-12	Birth
00154 3	F	05-Feb-12	00079	00073	JUNAGADH	05-Feb-12	Birth
00155 100485 ANUSHA	F	24-Feb-12	00067	00091	MADRAS	24-Feb-12	Birth
00156 100486 REMA	F	25-Mar-12	00067	00062	MADRAS	25-Mar-12	Birth
00157	M	20-Apr-12	00081	UNK	CHATBIR Z	20-Apr-12 20-Apr-12	Birth Death
00158 10180 SHAMBHU 0006B733CA (HIP)	M	23-Apr-12	00087	00092	PUNE	23-Apr-12 25-Jul-13	Birth Death

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00159 M00870 VEENA 956000002107181	F	29-Apr-12	00051	00065	MYSORE	29-Apr-12	Birth
00160 M00872 PRABHU 956000002155040	M	07-May-12	00055	00058	MYSORE	07-May-12 6 Aug 13	Birth Death
00161 M00875 DHEERAJ 956000002161343	M	16-Jun-12	00055	00036	MYSORE	16-Jun-12	Birth
00162	?	03-Aug-12	00081	UNK	CHATBIR Z	03-Aug-12	Birth
00163 100487	M	24-Oct-12	00067	00078	MADRAS	24-Oct-12 08-Feb-16	Birth Death
00164 M01005 KUMUDA 956000002147269	F	20-Nov-12	00051	00026	MYSORE	20-Nov-12 25-Jul-15	Birth Death
00165 100488 BHEEMA	M	07-Jan-13	00067	00088	MADRAS	07-Jan-13	Birth
00166 NAVIN	M	20-Jan-13	UNK	00024	USGOWN	20-Jan-13	Birth
00167 M01023 GOWRI 956000002161893	F	24-Feb-13	00057	00018	MYSORE PATNA	24-Feb-13 12-Jul-14	Birth Transfer
00168 100489	M	28-Mar-13	00067	00062	MADRAS	28-Mar-13	Birth
00169 M01031 VANITHA 956000002147806	F	29-Mar-13	00057	00065	MYSORE	29-Mar-13	Birth
00170 AAZP26	M	03-Apr-13	00067	00115	MADRAS	03-Apr-13	Birth
00171 REENA	F	04-Apr-13	00080	00089	RANCHI	04-Apr-13 02-May-14	Birth Death
00172 M01050 KANAKA 956000002150926	F	01-Jun-13	00055	00036	MYSORE	01-Jun-13 24-Nov-16	Birth Death
00173 M01069 SUREKHA	F	13-Sep-13	UNK	UNK	MYSORE	13-Sep-13	Birth
00174 BG0013 GEETHA	F	21-Sep-13	00038	00117	HYDERABAD	21-Sep-13	Birth
00175 NG1	F	12-Oct-13	UNK	UNK	MYSORE	12-Oct-13 13-Oct-13	Birth Death
00176 BG0012 SITA	F	07-Nov-13	00038	00116	HYDERABAD BILASPUR	07-Nov-13 29-Sep-16	Birth Transfer

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00177 M01084 KRISHNA	M	13-Dec-13	UNK	UNK	MYSORE	13-Dec-13 18-Sep-15	Birth Death
00178 AAZP23	M	20-Jan-14	00067	00078	MADRAS	20-Jan-14 22-Jan-14	Birth Death
00179 AAZP23	M	20-Jan-14	00067	00078	MADRAS	20-Jan-14 18-Jun-16	Birth Death
00180 100521 AAZP-24	M	22-Feb-14	00067	00088	MADRAS	22-Feb-14	Birth
00181 100520 AAZP-25	F	01-Mar-14	00067	00062	MADRAS	01-Mar-14	Birth
00182 M01117 RAJU 00074D4E5C	M	08-May-14	UNK	UNK	MYSORE	08-May-14	Birth
00183 BADAL	M	07-Dec-14	00038	00116	HYDERABAD BILASPUR	07-Dec-14 28-Sep-16	Birth Transfer
00184 AMBER	M	17-Oct-15	00038	00116	HYDERABAD	17-Oct-15	Birth
00185 SAGAR	M	24-Jan-16	00038	00116	HYDERABAD	24-Jan-16	Birth
00186 SURYA	M	????	WILD	WILD	INDIA HYDERABAD	???? 18-May-16 19-Aug-17	Capture Transfer Death
00187 VEER	M	03-Oct-16	00038	00116	HYDERABAD	03-Oct-16	Birth
00188 MANJU	F	29-Dec-16	00038	00176	HYDERABAD	29-Dec-16	Birth
00189 AKASH	M	07-Apr-14	00080	00089	RANCHI	07-Apr-14 24-Jan-16	Birth Death
00190 ROHAN	M	10-Apr-15	00080	00089	RANCHI	10-Apr-15	Birth
00191 MAHESH	M	25-Apr-16	00080	00089	RANCHI	25-Apr-16	Birth
00192	M	02-Feb-07	UNK	UNK	BANNERGHA	02-Feb-07	Birth
00193 KUMTA CALF	M	24-May-17	00099	00150	BANNERGHA	24-May-17	Birth
00194 M01132 OMKARA 000750155D	M	26-Sep-14	UNK	UNK	MYSORE	26-Sep-14	Birth
00195 M01133 SURABHI 00074D5783	F	28-Sep-14	UNK	UNK	MYSORE	28-Sep-14	Birth
00196 M01141 AMALA	F	29-Oct-14	UNK	UNK	MYSORE	29-Oct-14 20-Aug-17	Birth Death
00197 M01146 MURALI 00074D3561	M	17-Nov-14	UNK	UNK	MYSORE	17-Nov-14	Birth

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00198 M01173 DAMAYANTHI 00074D2EB6	F	30-Jul-15	UNK	UNK	MYSORE	30-Jul-15	Birth
00199 M01174 KAMAL 956000002164855	M	08-Mar-14	UNK	UNK	MYSORE	08-Mar-14 22-Aug-16	Birth Death
00200 M01176 PAVANI 00074D4509	F	09-Mar-15	UNK	UNK	MYSORE	09-Mar-15	Birth
00201 M01179 SUMANTH	M	23-Sep-15	UNK	UNK	MYSORE	23-Sep-15	Birth
00202 M01193 JAGGU	M	17-Nov-15	UNK	UNK	MYSORE	17-Nov-15	Birth
00203 M01216 JAYASIMHA	M	20-Mar-16	UNK	UNK	MYSORE	20-Mar-16	Birth
00204 M01230 SHWETHA 000757C7C7	F	02-Jul-16	UNK	UNK	MYSORE	02-Jul-16	Birth
00205 M01251	?	17-Aug-16	UNK	UNK	MYSORE	17-Aug-16	Birth
00206 M01291 SHIVANI 0007545580	F	10-Mar-17	UNK	UNK	MYSORE	10-Mar-17	Birth
00207 M01312 NEEDHI 00076D7F63	F	15-May-17	UNK	UNK	MYSORE	15-May-17	Birth
00208 M01313 DHARMA 00075F96E4	M	24-May-17	UNK	UNK	MYSORE	24-May-17	Birth
00209 NG2	M	24-Jun-16	UNK	UNK	MYSORE	24-Jun-16 29-Jun-16	Birth Death
00210 280007	F	25-Sep-15	00122	00144	DELHI	25-Sep-15	Birth
00211 1008 AMBER	M	17-Oct-15	00038	00117	HYDERABAD	17-Oct-15	Birth
00212 1009 SAGER	M	24-Jan-16	00038	00116	HYDERABAD	24-Jan-16	Birth
00213 1010 VEER	M	08-Mar-17	00038	00116	HYDERABAD	08-Mar-17	Birth
00214 1011	F	29-Dec-16	00038	00176	HYDERABAD	29-Dec-16	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
MANJU							
00215 RAJA	M	~ 2007	WILD	WILD	INDIA VISAKAPAT	~23 Mar 2007 23-Mar-07	Capture Transfer
00216 218	F	20-Jun-09	UNK	00007	BANNERGHA	20-Jun-09	Birth
00217 100570 SHIVAA	M	23-Apr-13	00067	00115	MADRAS	23-Apr-13 18-Mar-16	Birth Death
00218 GIRI	M	16-May-13	00046	00071	VISAKAPAT	16-May-13	Birth
00219 10183 956000008498488	M	21-May-13	00087	00092	PUNE	21-May-13	Birth
00220 VIJAY	M	06-Oct-14	00046	00071	VISAKAPAT	06-Oct-14	Birth
00221 100519	F	09-Oct-14	00077	00115	MADRAS	09-Oct-14 06-Feb-15	Birth Death
00222 19505	M	26-Nov-14	00148	00141	VANVIHAR	26-Nov-14	Birth
00223 100565 ASHOK	M	12-Feb-15	145	00062	MADRAS	12-Feb-15	Birth
00224 100566 BABU	M	07-Mar-15	00145	00088	MADRAS	07-Mar-15	Birth
00225 GOWRI	F	23-Mar-15	00215	00091	VISAKAPAT	23-Mar-15	Birth
00226	F	18-Jun-15	00139	00146	NANDANKAN	18-Jun-15 04-Jul-15	Birth Death
00227 100567 NITHIYA	F	23-Jul-15	00145	00155	MADRAS	23-Jul-15	Birth
00228 M01178 GOVARDHAN	M	19-Sep-15	UNK	UNK	MYSORE	19-Sep-15 22-Oct-15	Birth Death
00229 100569	F	15-Oct-15	00077	00115	MADRAS	15-Oct-15 06-Dec-15	Birth Death
00230 19506	M	01-Nov-15	00148	00141	VANVIHAR	01-Nov-15 11-Feb-18	Birth Death
00231 HANSIKA	F	09-Dec-15	00046	00071	VISAKAPAT	09-Dec-15	Birth
00232 100589	M	16-Dec-15	00077	00078	MADRAS	16-Dec-15 18-Jun-16	Birth Death
00233	M	13-Jul-16	00139	00146	NANDANKAN	13-Jul-16	Birth
00234 280008	F	15-Nov-16	00122	00144	DELHI	15-Nov-16	Birth
00235 100591 PRADOP	M	26-Feb-16	00077	00078	MADRAS	26-Feb-16	Birth
00236 100592 BASKAR	F	08-Mar-16	00145	00062	MADRAS	08-Mar-16	Birth
00237 100603	F	07-Dec-16	00077	00078	MADRAS	07-Dec-16	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00238 100604	F	21-Dec-16	00067	00156	MADRAS	21-Dec-16 25-Jan-17	Birth Death
00239 100605	F	12-Feb-17	00067	00181	MADRAS	12-Feb-17	Birth
00240 100606 KEERTHI	M	23-Feb-17	00067	00062	MADRAS	23-Feb-17	Birth
00241 100621 LALITHA	F	01-Apr-17	00067	00088	MADRAS	01-Apr-17	Birth
00242 100622	M	18-Jun-17	00067	00155	MADRAS	18-Jun-17	Birth
00243 M01328	?	11-Jul-17	UNK	UNK	MYSORE	11-Jul-17	Birth
00244 100640 SUGANYA	F	25-Aug-17	00077	00078	MADRAS	25-Aug-17	Birth
00245 M01344	M	07-Oct-17	UNK	UNK	MYSORE	07-Oct-17	Birth
00246 M01345	F	07-Oct-17	UNK	UNK	MYSORE	07-Oct-17	Birth
00247 M01349	F	25-Nov-17	UNK	UNK	MYSORE	25-Nov-17	Birth
00248 100641	F	01-Dec-17	00067	00181	MADRAS	01-Dec-17	Birth
00249 M01317	F	17-Jun-17	UNK	UNK	MYSORE	17-Jun-17	Birth
00250	?	03-Nov-17	00139	00146	NANDANKAN	03-Nov-17	Birth
00251	F	04-Dec-17	00038	00116	HYDERABAD	04-Dec-17	Birth
00252 BHIMA	M	11-Jan-15	UNK	00075	USGOWN	11-Jan-15	Birth
00253 PINKY	F	25-Feb-16	UNK	00075	USGOWN	25-Feb-16	Birth
00254 GURU	M	02-Feb-17	UNK	00075	USGOWN	02-Feb-17	Birth
00255 ANNU	F	01-Feb-18	UNK	00075	USGOWN	01-Feb-18	Birth
00256 1 SUNDARI	F	????	WILD	WILD	INDIA TRIVANDRU	~10 Apr 2010 10-Apr-10	Capture Transfer
00257 4 ARJUN 0006874A40	M	23-Oct-12	00112	00105	TRIVANDRU	23-Oct-12	Birth
00258 5 CHINNU	F	16-Dec-13	00112	00256	TRIVANDRU	16-Dec-13	Birth
00259 6 NANDHU	M	08-Apr-14	00112	00105	TRIVANDRU	08-Apr-14	Birth
00260 7 CHIMBU	M	04-Aug-15	00112	00256	TRIVANDRU	04-Aug-15	Birth
00261	M	10-Apr-16	00257	00258	TRIVANDRU	10-Apr-16	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
8 ACHU							
00262 9 ANILA	F	02-Sep-16	00257	00256	TRIVANDRU	02-Sep-16	Birth
00263 11 KUTTOOS	M	27-Aug-17	00257	00256	TRIVANDRU	27-Aug-17	Birth
00264 10 RAJEEV	M	20-May-17	00112	00258	TRIVANDRU	20-May-17	Birth
00265 12 UNNIKUTTAN	M	24-May-18	00112	00258	TRIVANDRU	24-May-18	Birth
00266 VIRU	M	02-Feb-17	00183	00176	BILASPUR	02-Feb-17	Birth
00267 RAVI	M	26-Feb-18	00183	00176	BILASPUR	26-Feb-18	Birth
TOTALS: 144 114.5 (263)							

Annexure II

Living Population of Gaur (*Bos gaurus*) in Indian Zoos

Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
Bannerghata Biological Park, Bangalore							
00047 304/76 BHEEMA	M	12-Oct-02	00013	00021	BANNERGHA	12-Oct-02	Birth
00048 307/78 BHARAT	M	01-Jan-03	00013	00030	BANNERGHA	01-Jan-03	Birth
00099 99 MANAV	M	~ 2010	WILD	WILD	INDIA BANNERGHA	~ 1 Nov 2010 01-Nov-10	Capture Transfer
00124 M00085 318 PRIYANKA	F	25-Jan-11	00057	00065	MYSORE BANNERGHA	25-Jan-11 28-Feb-12	Birth Transfer
00149 M00776 316 DEEPA 956000002149927 CZA CBO 192	F	17-Sep-11	00034	00106	MYSORE BANNERGHA	17-Sep-11 28-Feb-12	Birth Transfer
00150 M00791 KUMTA 956000002156470 CZA CBO 194	F	28-Oct-11	00034	00035	MYSORE BANNERGHA	28-Oct-11 28-Feb-12	Birth Transfer
00192	M	02-Feb-07	UNK	UNK	BANNERGHA	02-Feb-07	Birth
00193 KUMTA CALF	M	24-May-17	00099	00150	BANNERGHA	24-May-17	Birth
00216 218	F	20-Jun-09	UNK	00007	BANNERGHA	20-Jun-09	Birth
Total: 9 (5.4.0)							
Kanan Pandari Zoo, Bilaspur							
00176 BG0012 SITA	F	07-Nov-13	00038	00116	HYDERABAD BILASPUR	07-Nov-13 29-Sep-16	Birth Transfer
00183 BADAL	M	07-Dec-14	00038	00116	HYDERABAD BILASPUR	07-Dec-14 28-Sep-16	Birth Transfer
00266 VIRU	M	02-Feb-17	00183	00176	BILASPUR	02-Feb-17	Birth
00267 RAVI	M	26-Feb-18	00183	00176	BILASPUR	26-Feb-18	Birth
Total: 4 (3.1.0)							
Mahendra Chaudhury Zoological Park, Mohali							
00059 ANJU 00063B3B7D	F	27-Feb-06	00034	00036	MYSORE CHATBIR Z	27-Feb-06 08-Dec-06	Birth Transfer
00081 M00682 ASHOKA	M	24-Jun-07	00025	00065	MYSORE CHATBIR Z	24-Jun-07 19-Sep-08	Birth Transfer
00133	F	12-Mar-05	00025	00031	MYSORE	12-Mar-05	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
M00676 ARPITHA					CHATBIR Z	08-Dec-06	Transfer
00138	F	23-Jun-10	00081	UNK	CHATBIR Z	23-Jun-10	Birth
00147	?	26-Aug-11	00081	UNK	CHATBIR Z	26-Aug-11	Birth
00162	?	03-Aug-12	00081	UNK	CHATBIR Z	03-Aug-12	Birth
Total: 6 (1.3.2)							
National Zoological Park, Delhi							
00066 M00675 280001 PRIYA	F	18-Aug-04	00034	00036	MYSORE DELHI	18-Aug-04 12-Sep-06	Birth Transfer
00122 M00086 280005 AJITH CZA/CBO187 (RIGHT EAR)	M	03-Jan-11	00057	00026	MYSORE DELHI	03-Jan-11 26-Mar-14	Birth Transfer
00136 280004	M	09-Jun-09	00063	00064	DELHI	09-Jun-09	Birth
00144 M00761 280006 GEETHA 956000002151084	F	09-Jul-11	00034	00036	MYSORE DELHI	09-Jul-11 26-Mar-14	Birth Transfer
00210 280007	F	25-Sep-15	00122	00144	DELHI	25-Sep-15	Birth
00234 280008	F	15-Nov-16	00122	00144	DELHI	15-Nov-16	Birth
Total: 6 (2.4.0)							
Nehru Zoological Park, Hyderabad							
00038 PREM BG0010	M	06-Dec-00	00001	00024	USGOWN HYDERABAD	06-Dec-00 19-Sep-09	Birth Transfer
00086 BHIMA	M	30-Dec-07	00032	00024	USGOWN HYDERABAD	30-Dec-07 12-Mar-10	Birth Transfer
00116 M00108 1004 ANJALI 0006CD0621 (NECK)	F	13-Jun-10	00055	00058	MYSORE HYDERABAD	13-Jun-10 11-Sep-12	Birth Transfer
00117 M00109 1003 ANITHA 0006CBFDBG CZA/CBO180 (RIGHT EAR)	F	06-Jul-10	00055	00053	MYSORE HYDERABAD	06-Jul-10 11-Sep-12	Birth Transfer
00132	M	30-Jul-03	00019	00033	HYDERABAD	30-Jul-03	Birth
00174 BG0013 GEETHA	F	21-Sep-13	00038	00117	HYDERABAD	21-Sep-13	Birth
00184 AMBER	M	17-Oct-15	00038	00116	HYDERABAD	17-Oct-15	Birth
00185 SAGAR	M	24-Jan-16	00038	00116	HYDERABAD	24-Jan-16	Birth
00187	M	03-Oct-16	00038	00116	HYDERABAD	03-Oct-16	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
VEER							
00188 MANJU	F	29-Dec-16	00038	00176	HYDERABAD	29-Dec-16	Birth
00212 1009 SAGER	M	24-Jan-16	00038	00116	HYDERABAD	24-Jan-16	Birth
00213 1010 VEER	M	08-Mar-17	00038	00116	HYDERABAD	08-Mar-17	Birth
00214 1011 MANJU	F	29-Dec-16	00038	00176	HYDERABAD	29-Dec-16	Birth
00251	F	04-Dec-17	00038	00116	HYDERABAD	04-Dec-17	Birth
Total: 14 (8.6.0)							
Sakkarbaug Zoo, Junagadh							
00079 M00063 SHESHAN EAR NOTCH (LEFT EAR)	M	01-Feb-07	00025	00026	MYSORE JUNAGADH	01-Feb-07 25-Feb-11	Birth Transfer
00154 3	F	05-Feb-12	00079	00073	JUNAGADH	05-Feb-12	Birth
Total: 2 (1.1.0)							
Arignar Anna Zoological Park, Chennai							
00062 GEETHA 100172	F	~ Apr 2004	WILD	WILD	INDIA MADRAS	14-Dec-04 15-Dec-04	Capture Transfer
00077 100175 VIJAY	M	10-Apr-07	00028	00062	MADRAS	10-Apr-07	Birth
00078 100174 SUBA	F	03-Jan-07	00028	00037	MADRAS	03-Jan-07	Birth
00115 100178 CAUVERY	F	25-Apr-10	00028	00062	MADRAS	25-Apr-10	Birth
00145 100484 KAVI	M	08-Aug-11	00067	00078	MADRAS	08-Aug-11	Birth
00155 100485 ANUSHA	F	24-Feb-12	00067	00091	MADRAS	24-Feb-12	Birth
00156 100486 REMA	F	25-Mar-12	00067	00062	MADRAS	25-Mar-12	Birth
00165 100488 BHEEMA	M	07-Jan-13	00067	00088	MADRAS	07-Jan-13	Birth
00168 100489	M	28-Mar-13	00067	00062	MADRAS	28-Mar-13	Birth
00170 AAZP26	M	03-Apr-13	00067	00115	MADRAS	03-Apr-13	Birth
00180 100521 AAZP-24	M	22-Feb-14	00067	00088	MADRAS	22-Feb-14	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
00181 100520 AAZP-25	F	01-Mar-14	00067	00062	MADRAS	01-Mar-14	Birth
00223 100565 ASHOK	M	12-Feb-15	145	00062	MADRAS	12-Feb-15	Birth
00224 100566 BABU	M	07-Mar-15	00145	00088	MADRAS	07-Mar-15	Birth
00227 100567 NITHIYA	F	23-Jul-15	00145	00155	MADRAS	23-Jul-15	Birth
00235 100591 PRADOP	M	26-Feb-16	00077	00078	MADRAS	26-Feb-16	Birth
00236 100592 BASKAR	F	08-Mar-16	00145	00062	MADRAS	08-Mar-16	Birth
00237 100603	F	07-Dec-16	00077	00078	MADRAS	07-Dec-16	Birth
00239 100605	F	12-Feb-17	00067	00181	MADRAS	12-Feb-17	Birth
00240 100606 KEERTHI	M	23-Feb-17	00067	00062	MADRAS	23-Feb-17	Birth
00241 100621 LALITHA	F	01-Apr-17	00067	00088	MADRAS	01-Apr-17	Birth
00242 100622	M	18-Jun-17	00067	00155	MADRAS	18-Jun-17	Birth
00244 100640 SUGANYA	F	25-Aug-17	00077	00078	MADRAS	25-Aug-17	Birth
00248 100641	F	01-Dec-17	00067	00181	MADRAS	01-Dec-17	Birth
Total: 25 (11.14.0)							
Sri Chamarajendra Zoological Gardens, Mysore							
00026 M00056 MEENA	F	16-Mar-97	00008	00009	MYSORE	16-Mar-97	Birth
00051 M00057 CHETAN	M	23-Mar-03	00025	00026	MYSORE	23-Mar-03	Birth
00053 M00093 KALPANA	F	25-Aug-03	00034	00036	MYSORE	25-Aug-03	Birth
00055 M00094 VIPIN	M	01-Oct-03	00025	00018	MYSORE	01-Oct-03	Birth
00057 M00058 AMITH	M	16-Apr-04	00025	00009	MYSORE	16-Apr-04	Birth
00065 M00059	F	23-Mar-05	00025	00009	MYSORE	23-Mar-05	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
VIOLAINE							
00072 M00062 ANUBHAV	M	11-May-06	00025	00009	MYSORE	11-May-06	Birth
00083 M00097 SIDDHU 00063B0C20 (NECK)	M	25-Sep-07	00034	00031	MYSORE	25-Sep-07	Birth
00102 M00099 PUNITH 00-063AC-6F7 (NECK)	M	25-Dec-08	00034	00053	MYSORE	25-Dec-08	Birth
00103 M00065 RAVI	M	20-Dec-08	00057	00065	MYSORE	20-Dec-08	Birth
00110 M00106 MAHADEVA 0006B75B54 (NECK)	M	02-Dec-09	00055	00073	MYSORE	02-Dec-09	Birth
00125 M00088 AKANKSHA CZA/CBO189 (LEFT EAR)	F	08-Feb-11	00057	00018	MYSORE	08-Feb-11	Birth
00159 M00870 VEENA 956000002107181	F	29-Apr-12	00051	00065	MYSORE	29-Apr-12	Birth
00161 M00875 DHEERAJ 956000002161343	M	16-Jun-12	00055	00036	MYSORE	16-Jun-12	Birth
00169 M01031 VANITHA 956000002147806	F	29-Mar-13	00057	00065	MYSORE	29-Mar-13	Birth
00173 M01069 SUREKHA	F	13-Sep-13	UNK	UNK	MYSORE	13-Sep-13	Birth
00182 M01117 RAJU 00074D4E5C	M	08-May-14	UNK	UNK	MYSORE	08-May-14	Birth
00194 M01132 OMKARA 000750155D	M	26-Sep-14	UNK	UNK	MYSORE	26-Sep-14	Birth
00195 M01133 SURABHI 00074D5783	F	28-Sep-14	UNK	UNK	MYSORE	28-Sep-14	Birth
00197 M01146 MURALI 00074D3561	M	17-Nov-14	UNK	UNK	MYSORE	17-Nov-14	Birth
00198	F	30-Jul-15	UNK	UNK	MYSORE	30-Jul-15	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
M01173 DAMAYANTHI 00074D2EB6							
00200 M01176 PAVANI 00074D4509	F	09-Mar-15	UNK	UNK	MYSORE	09-Mar-15	Birth
00201 M01179 SUMANTH	M	23-Sep-15	UNK	UNK	MYSORE	23-Sep-15	Birth
00202 M01193 JAGGU	M	17-Nov-15	UNK	UNK	MYSORE	17-Nov-15	Birth
00203 M01216 JAYASIMHA	M	20-Mar-16	UNK	UNK	MYSORE	20-Mar-16	Birth
00204 M01230 SHWETHA 000757C7C7	F	02-Jul-16	UNK	UNK	MYSORE	02-Jul-16	Birth
00205 M01251	?	17-Aug-16	UNK	UNK	MYSORE	17-Aug-16	Birth
00206 M01291 SHIVANI 0007545580	F	10-Mar-17	UNK	UNK	MYSORE	10-Mar-17	Birth
00207 M01312 NEEDHI 00076D7F63	F	15-May-17	UNK	UNK	MYSORE	15-May-17	Birth
00208 M01313 DHARMA 00075F96E4	M	24-May-17	UNK	UNK	MYSORE	24-May-17	Birth
00243 M01328	?	11-Jul-17	UNK	UNK	MYSORE	11-Jul-17	Birth
00245 M01344	M	07-Oct-17	UNK	UNK	MYSORE	07-Oct-17	Birth
00246 M01345	F	07-Oct-17	UNK	UNK	MYSORE	07-Oct-17	Birth
00247 M01349	F	25-Nov-17	UNK	UNK	MYSORE	25-Nov-17	Birth
00249 M01317	F	17-Jun-17	UNK	UNK	MYSORE	17-Jun-17	Birth
Total: 35 (17.16.2)							
Nandnakanan Biological Park							
00139	M	03-Sep-10	00081	UNK	CHATBIR Z NANDANKAN	03-Sep-10 26-May-15	Birth Transfer
00146 GAUR1	F	20-Aug-11	00081	UNK	CHATBIR Z NANDANKAN	20-Aug-11 26-May-15	Birth Transfer
00233	M	13-Jul-16	00139	00146	NANDANKAN	13-Jul-16	Birth
00250	?	03-Nov-17	00139	00146	NANDANKAN	03-Nov-17	Birth
Total: 4 (2.1.1)							

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
Sanjay Gandhi Biological Park, Patna							
00167 M01023 GOWRI 956000002161893	F	24-Feb-13	00057	00018	MYSORE PATNA	24-Feb-13 12-Jul-14	Birth Transfer
Total: 1 (0.1.0)							
Rajiv Gandhi Zoological Park And Wildlife Research Center, Pune							
00087 M00684 10119 PRAKASH 00-063B-1896 (NECK)	M	13-Mar-08	00057	00026	MYSORE PUNE	13-Mar-08 21-Sep-09	Birth Transfer
00219 10183 956000008498488	M	21-May-13	00087	00092	PUNE	21-May-13	Birth
Total: 2 (2.0.0)							
Bhagwan Birsa Biological Park, Ranchi							
00080 M00681 ADITHYA CZA/CBO166 (EAR)	M	03-Jun-07	00034	00058	MYSORE RANCHI	03-Jun-07 15-Jul-09	Birth Transfer
00089 M00683 RAGINI CZA/CBO142 (EAR)	F	09-Jan-08	00034	00035	MYSORE RANCHI	09-Jan-08 15-Jul-09	Birth Transfer
00153 SWARUP	M	28-Jan-12	00080	00089	RANCHI	28-Jan-12	Birth
00190 ROHAN	M	10-Apr-15	00080	00089	RANCHI	10-Apr-15	Birth
00191 MAHESH	M	25-Apr-16	00080	00089	RANCHI	25-Apr-16	Birth
Total: 5 (4.1.0)							
Sri Venkateswara Zoological Park, Tirupati							
00106 M00104 GANGUBAI 0006CBDBE9 CZA/CBO167 (RIGHT EAR)	F	22-Jul-09	00034	00035	MYSORE TIRUPATI	22-Jul-09 13-Dec-11	Birth Transfer
00107 M00105 RAKSHA 0006CC29E8 (NECK) CZA/CBO168 (RIGHT EAR)	F	04-Aug-09	00034	00036	MYSORE TIRUPATI	04-Aug-09 13-Dec-11	Birth Transfer
00109 M00067 NARASIMHA 0006B74F4F (NECK)	M	22-Nov-09	00051	00026	MYSORE TIRUPATI	22-Nov-09 13-Dec-11	Birth Transfer
Total: 3 (1.2.0)							
Thiruvananthapuram Zoo, Thiruvananthapuram							
00105 M00103 SUSHMA 0006CD2D39 (NECK)	F	04-Jul-09	00034	00058	MYSORE TRIVANDRU	04-Jul-09 25-Aug-11	Birth Transfer
00112	M	26-Dec-09	00057	00018	MYSORE	26-Dec-09	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
M00068 PRUTHVI 0006CC30BE CZA/CBO177 (LEFT EAR)					TRIVANDRU	25-Aug-11	Transfer
00256 1 SUNDARI	F	????	WILD	WILD	INDIA TRIVANDRU	~10 Apr 2010 10-Apr-10	Capture Transfer
00257 4 ARJUN 0006874A40	M	23-Oct-12	00112	00105	TRIVANDRU	23-Oct-12	Birth
00258 5 CHINNU	F	16-Dec-13	00112	00256	TRIVANDRU	16-Dec-13	Birth
00259 6 NANDHU	M	08-Apr-14	00112	00105	TRIVANDRU	08-Apr-14	Birth
00260 7 CHIMBU	M	04-Aug-15	00112	00256	TRIVANDRU	04-Aug-15	Birth
00261 8 ACHU	M	10-Apr-16	00257	00258	TRIVANDRU	10-Apr-16	Birth
00262 9 ANILA	F	02-Sep-16	00257	00256	TRIVANDRU	02-Sep-16	Birth
00263 11 KUTTOOS	M	27-Aug-17	00257	00256	TRIVANDRU	27-Aug-17	Birth
00264 10 RAJEEV	M	20-May-17	00112	00258	TRIVANDRU	20-May-17	Birth
00265 12 UNNIKUTTAN	M	24-May-18	00112	00258	TRIVANDRU	24-May-18	Birth
Total: 12 (8.4.0)							
Bondla Zoo, Usgown							
00032 REMO	M	26-Oct-99	00001	00024	USGOWN	26-Oct-99	Birth
00061 SOMU	M	09-Sep-04	00032	00024	USGOWN	09-Sep-04	Birth
00075 ROSA	F	19-Sep-06	00032	00024	USGOWN	19-Sep-06	Birth
00137 SAMSHER	M	28-Feb-10	UNK	UNK	USGOWN	28-Feb-10	Birth
00166 NAVIN	M	20-Jan-13	UNK	00024	USGOWN	20-Jan-13	Birth
00252 BHIMA	M	11-Jan-15	UNK	00075	USGOWN	11-Jan-15	Birth
00253 PINKY	F	25-Feb-16	UNK	00075	USGOWN	25-Feb-16	Birth
00254 GURU	M	02-Feb-17	UNK	00075	USGOWN	02-Feb-17	Birth
00255	F	01-Feb-18	UNK	00075	USGOWN	01-Feb-18	Birth

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Stud# Local ID Name Transponder Tag/Band:	Sex	Birth Date	Sire	Dam	Location	Date	Event
ANNU							
Total: 9 (6.3.0)							
Van Vihar National Park Zoo, Bhopal							
00148	M	13-Sep-11	WILD	00141	VANVIHAR	13-Sep-11	Birth
00222 19505	M	26-Nov-14	00148	00141	VANVIHAR	26-Nov-14	Birth
Total: 2 (2.0.0)							
Indira Gandhi Zoological Park, Vishakapatnam							
00027 GOWHAR	M	12-Jan-98	00005	00016	HYDERABAD VISA KAPAT	12-Jan-98 13-Mar-00	Birth Transfer
00039 GAYATRI	F	22-Dec-00	00005	00016	HYDERABAD VISA KAPAT	22-Dec-00 21-Sep-02	Birth Transfer
00040 RESHMA	F	15-Mar-01	00019	00016	HYDERABAD VISA KAPAT	15-Mar-01 15-Mar-04	Birth Transfer
00046 VEERU	M	20-Sep-02	00001	00024	USGOWN VISA KAPAT	20-Sep-02 11-Mar-10	Birth Transfer
00052 SHIVA	M	30-Jul-03	00019	00033	HYDERABAD VISA KAPAT	30-Jul-03 29-Jan-04	Birth Transfer
00054 RANI	F	04-Sep-03	00001	00024	USGOWN VISA KAPAT	04-Sep-03 17-Sep-09	Birth Transfer
00071 PINKY	F	26-Feb-06	00032	00054	USGOWN VISA KAPAT	26-Feb-06 11-Mar-10	Birth Transfer
00215 RAJA	M	~ 2007	WILD	WILD	INDIA VISA KAPAT	~23 Mar 2007 23-Mar-07	Capture Transfer
00218 GIRI	M	16-May-13	00046	00071	VISA KAPAT	16-May-13	Birth
00220 VIJAY	M	06-Oct-14	00046	00071	VISA KAPAT	06-Oct-14	Birth
00225 GOWRI	F	23-Mar-15	00215	00091	VISA KAPAT	23-Mar-15	Birth
00231 HANSIKA	F	09-Dec-15	00046	00071	VISA KAPAT	09-Dec-15	Birth
Total: 12 (6.6.0)							
Total Living: 152 (80.67.5)							

Pedigree Chart Report

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00001
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: ~ 1985
                                                    Last Location: USGOWN (dead)
                                                    House Name: RAJAN JR
                                                    Tattoo:
                                                    Tag/Band:
    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
      00001
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00002
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: ~ 1985
                                                    Last Location: DELHI
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
      00002
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00003
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: ???
                                                    Last Location: BANNERGHA (dead)
                                                    House Name: KESHAVA
                                                    Tattoo:
                                                    Tag/Band:
    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
      00003
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00004
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: ???
                                                    Last Location: BANNERGHA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
      00004
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00005
=====
WILD                                                  WILD
                                                    Sex: Male
                                                    Birth Date: ???
                                                    Last Location: HYDERABAD (dead)
                                                    House Name: Govind
                                                    Tattoo:
                                                    Tag/Band:
    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
      00005
  
```

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```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00006
=====
                UNK                                     UNK
                \   /                                   Sex: Female
                /   \                                   Birth Date: 16 Sep 1987
               dam\  /sire                               Last Location: HYDERABAD (dead)
                \   /                                   House Name: GANGAWATHI
                 \ /                                     Tattoo:
                  V                                     Tag/Band:
                 00006
    
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00007
=====
                WILD                                    WILD
                \   /                                   Sex: Female
                /   \                                   Birth Date: ~ 1998
               dam\  /sire                               Last Location: BANNERGHA (dead)
                \   /                                   House Name: Rani
                 \ /                                     Tattoo:
                  V                                     Tag/Band:
                 00007
    
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00008
=====
                WILD                                    WILD
                \   /                                   Sex: Male
                /   \                                   Birth Date: ~ 1984
               dam\  /sire                               Last Location: MYSORE (dead)
                \   /                                   House Name: SHERU
                 \ /                                     Tattoo:
                  V                                     Tag/Band:
                 00008
    
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00009
=====
                WILD                                    WILD
                \   /                                   Sex: Female
                /   \                                   Birth Date: ~ 1988
               dam\  /sire                               Last Location: MYSORE (dead)
                \   /                                   House Name: RANI I
                 \ /                                     Tattoo:
                  V                                     Tag/Band:
                 00009
    
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00010
=====
                UNK                                     UNK
                \   /                                   dam\  /sire
                /   \                                   \   /
               dam\  /sire                               /   \
                \   /                                   dam\  /sire
                 \ /                                   \   /
                  V                                   \ /
                 00004                               V
                                                         00003
                                                         KESHAVA
                                                         Sex: Female
                                                         Birth Date: 3 Apr 1989
                                                         Last Location: BANNERGHA
                                                         House Name: VARUNDA
                                                         Tattoo:
                                                         Tag/Band:
                \   /                                   dam\  /sire
               /   \                                   \   /
              dam\  /sire                               /   \
               \   /                                   dam\  /sire
                \ /                                   \   /
                 V                                   \ /
                00010                               V
                                                         00010
    
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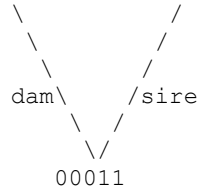
=====

Taxon Name: BOS GAURUS Studbook Number: 00011

=====

UNK

UNK



Sex: Male
 Birth Date: 10 Apr 1989
 Last Location: HYDERABAD (dead)
 House Name: TRISUL
 Tattoo:
 Tag/Band:

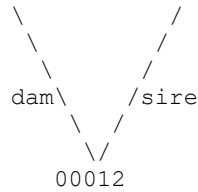
=====

Taxon Name: BOS GAURUS Studbook Number: 00012

=====

UNK

UNK



Sex: Female
 Birth Date: 25 Nov 1991
 Last Location: HYDERABAD (dead)
 House Name: GANGOTRI
 Tattoo:
 Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00013

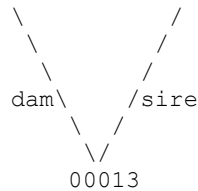
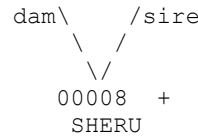
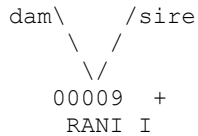
=====

WILD

WILD

WILD

WILD



Sex: Male
 Birth Date: 27 Nov 1992
 Last Location: BANNERGHA (dead)
 House Name: Arjun/Azar
 Tattoo:
 Tag/Band:

+ Wild-caught...

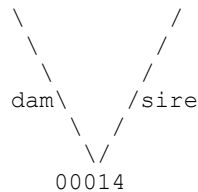
=====

Taxon Name: BOS GAURUS Studbook Number: 00014

=====

UNK

UNK



Sex: Male
 Birth Date: ????
 Last Location: BANNERGHA (dead)
 House Name: RAMA
 Tattoo:
 Tag/Band:

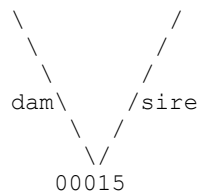
=====

Taxon Name: BOS GAURUS Studbook Number: 00015

=====

UNK

UNK



Sex: Female
 Birth Date: ????
 Last Location: BANNERGHA (dead)
 House Name: MADHURI I
 Tattoo:
 Tag/Band:

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00016

=====

```

      UNK              UNK              WILD              WILD
      dam\            /sire            dam\            /sire
      \  \            /  /            \  \            /  /
      \  \            /  /            \  \            /  /
      00012          00005 +
      GANGOTRI      Govind
                   Sex: Female
                   Birth Date: 1 Nov 1993
                   Last Location: HYDERABAD (dead)
                   House Name: gowri
                   Tattoo:
                   Tag/Band:
+ Wild-caught...
                   dam\            /sire
                   \  \            /  /
                   \  \            /  /
                   00016
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00017

=====

```

      UNK              UNK
      dam\            /sire
      \  \            /  /
      \  \            /  /
      00017
                   Sex: Female
                   Birth Date: ~ 1996
                   Last Location: HYDERABAD (dead)
                   House Name: RADHA
                   Tattoo:
                   Tag/Band:
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00018

=====

```

      WILD              WILD              WILD              WILD
      dam\            /sire            dam\            /sire
      \  \            /  /            \  \            /  /
      \  \            /  /            \  \            /  /
      00009 +      00008 +
      RANI I      SHERU
                   Sex: Female
                   Birth Date: 22 Mar 1996
                   Last Location: MYSORE (dead)
                   House Name: MADHURI
                   Tattoo:
                   Tag/Band: CZA/CBO158 (RIG)
+ Wild-caught...
                   dam\            /sire
                   \  \            /  /
                   \  \            /  /
                   00018
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00019

=====

```

      UNK              UNK              WILD              WILD
      dam\            /sire            dam\            /sire
      \  \            /  /            \  \            /  /
      \  \            /  /            \  \            /  /
      00012          00005 *+
      GANGOTRI      Govind
                   dam\            /sire
                   \  \            /  /
                   \  \            /  /
                   00016
                   gowri
                   WILD              WILD
                   dam\            /sire
                   \  \            /  /
                   \  \            /  /
                   00005 *+
                   Govind
                   Sex: Male
                   Birth Date: 10 Nov 1996
                   Last Location: HYDERABAD (dead)
                   House Name: gopal
                   Tattoo:
                   Tag/Band:
+ Wild-caught...
                   dam\            /sire
                   \  \            /  /
                   \  \            /  /
                   00019 * Appear more than once...
    
```

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00020

=====

UNK		UNK		UNK		UNK
	dam\ \ 00015 MADHURI		/sire		dam\ \ 00014 RAMA	
					Sex: Male	
					Birth Date: 28 Nov 1996	
					Last Location: BANNERGHA	
					House Name: GANESHA	
					Tattoo:	
					Tag/Band:	

=====

Taxon Name: BOS GAURUS Studbook Number: 00021

=====

						WILD
						Sex: Female
						Birth Date: ~ 1996
						Last Location: BANNERGHA (dead)
						House Name: Thunge/Sandhya
						Tattoo:
						Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00022

=====

WILD		WILD		WILD		WILD
	dam\ \ 00009 + RANI I		/sire		dam\ \ 00008 + SHERU	
						Sex: Male
						Birth Date: 28 Feb 1994
						Last Location: MYSORE (dead)
						House Name: SACHIN
						Tattoo:
						Tag/Band:

+ Wild-caught...

=====

Taxon Name: BOS GAURUS Studbook Number: 00024

=====

						WILD
						Sex: Female
						Birth Date: ~ 1993
						Last Location: USGOWN (dead)
						House Name: ROSY
						Tattoo:
						Tag/Band:

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00025

=====

```

WILD          WILD          WILD          WILD
  dam\        /sire        dam\        /sire
   \  \      /  /         \  \      /  /
    00009 +                00008 +
    RANI I                  SHERU
                             Sex: Male
                             Birth Date: 6 Apr 1995
                             Last Location: MYSORE (dead)
                             House Name: Anil
                             Tattoo:
                             Tag/Band:

+ Wild-caught...          dam\        /sire
                             \  \      /  /
                              00025
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00026

=====

```

WILD          WILD          WILD          WILD
  dam\        /sire        dam\        /sire
   \  \      /  /         \  \      /  /
    00009 +                00008 +
    RANI I                  SHERU
                             Sex: Female
                             Birth Date: 16 Mar 1997
                             Last Location: MYSORE
                             House Name: MEENA
                             Tattoo:
                             Tag/Band: CZA/CB0156

+ Wild-caught...          dam\        /sire
                             \  \      /  /
                              00026
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00027

=====

```

UNK          UNK          WILD          WILD
  dam\        /sire        dam\        /sire
   \  \      /  /         \  \      /  /
    00012                00005 *+
    GANGOTRI              Govind

                             WILD          WILD
                             dam\        /sire
                             \  \      /  /
                              00016
                              gowri

                             dam\        /sire
                             \  \      /  /
                              00005 *+
                              Govind
                              Sex: Male
                              Birth Date: 12 Jan 1998
                              Last Location: VISAKAPAT
                              House Name:
                              Tattoo:
                              Tag/Band:

+ Wild-caught...          dam\        /sire
                             \  \      /  /
                              00027 * Appear more than once...
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00028

=====

```

WILD          WILD
  dam\        /sire
   \  \      /  /
    00028

                             WILD
                             Sex: Male
                             Birth Date: ~ 1995
                             Last Location: MADRAS (dead)
                             House Name: MANI
                             Tattoo:
                             Tag/Band:
    
```

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00029

=====

```

WILD          WILD          UNK          UNK
  dam\        /sire        dam\        /sire
   \  \      /  /         \  \      /  /
    00024 +              00001
    ROSY                  RAJAN JR
                          Sex: Male
                          Birth Date: 31 Aug 1998
                          Last Location: MOLEM
                          House Name:
                          Tattoo:
                          Tag/Band:

+ Wild-caught...      dam\        /sire
                       \  \      /  /
                        00029
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00030

=====

```

WILD          WILD          WILD          WILD
  dam\        /sire        dam\        /sire
   \  \      /  /         \  \      /  /
    00009 +              00008 +
    RANI I                SHERU
                          Sex: Female
                          Birth Date: 12 Jan 1999
                          Last Location: BANNERGHA (dead)
                          House Name: Gange/Manisha
                          Tattoo:
                          Tag/Band:

+ Wild-caught...      dam\        /sire
                       \  \      /  /
                        00030
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00031

=====

```

WILD          WILD          WILD          WILD          WILD          WILD
  dam\        /sire        dam\        /sire        dam\        /sire
   \  \      /  /         \  \      /  /         \  \      /  /
    00009 +              00008 *+              00018
    RANI I                SHERU                MADHURI

+ Wild-caught...      dam\        /sire
                       \  \      /  /
                        00031
    
```

WILD WILD

```

  dam\        /sire
   \  \      /  /
    00008 *+
    SHERU
      Sex: Female
      Birth Date: 7 Mar 1999
      Last Location: MYSORE (dead)
      House Name: SUNDARI
      Tattoo:
      Tag/Band: CZA/CB0154
    
```

* Appear more than once...

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00032

=====

```

WILD dam\ /sire WILD UNK dam\ /sire UNK
      \  /      \  /      \  /      \  /
      00024 +    00001
      ROSY      RAJAN JR
                Sex: Male
                Birth Date: 26 Oct 1999
                Last Location: USGOWN
                House Name: REMO
                Tattoo:
                Tag/Band:

+ Wild-caught... 00032
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00033

=====

```

UNK UNK WILD WILD UNK WILD
dam\ /sire dam\ /sire dam\ /sire dam\ /sire
 \  /      \  /      \  /      \  /
 00012      00005 *+
GANGOTRI   Govind
  dam\ /sire
  \  /
 00016
gowri

+ Wild-caught... 00033 * Appear more than once...
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00034

=====

```

WILD WILD WILD WILD WILD WILD
dam\ /sire dam\ /sire dam\ /sire dam\ /sire
 \  /      \  /      \  /      \  /
 00021 +    00009 +    00008 +
Thunge/S   RANI I   SHERU
  dam\ /sire
  \  /
 00022
SACHIN
  Sex: Male
  Birth Date: 9 May 2000
  Last Location: MYSORE (dead)
  House Name: LAARA
  Tattoo:
  Tag/Band: CZA/CB0147 (LEF)

+ Wild-caught... 00034
    
```

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00035
=====
WILD dam\  WILD /sire  WILD dam\  WILD /sire  WILD dam\  WILD /sire  WILD dam\  WILD /sire
  \  /      \  /      \  /      \  /      \  /      \  /
00009 *+    00008 *+    00009 *+    00008 *+
RANI I      SHERU
  \  /      \  /
  dam\      /sire  dam\      /sire
    \  /      \  /
    00018      00025
    MADHURI    Anil
                Sex: Female
                Birth Date: 12 Aug 2000
                Last Location: MYSORE (dead)
                House Name: ROSE
                Tattoo:
                Tag/Band: CZA/CBO150 (RIG)
+ Wild-caught... 00035 * Appear more than once...

```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00036
=====
WILD dam\  WILD /sire  WILD dam\  WILD /sire  WILD dam\  WILD /sire  WILD dam\  WILD /sire
  \  /      \  /      \  /      \  /      \  /      \  /
00009 *+    00008 *+    00009 *+    00008 *+
RANI I      SHERU
  \  /      \  /
  dam\      /sire  dam\      /sire
    \  /      \  /
    00026      00025
    MEENA      Anil
                Sex: Female
                Birth Date: 24 Aug 2000
                Last Location: MYSORE (dead)
                House Name: JASMINE
                Tattoo:
                Tag/Band: CZA/CBO151
+ Wild-caught... 00036 * Appear more than once...

```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00037
=====
WILD dam\  WILD /sire  WILD dam\  WILD /sire
  \  /      \  /      \  /      \  /
00009 *+    00008 *+
RANI I      SHERU
  \  /      \  /
  dam\      /sire  dam\      /sire
    \  /      \  /
    00009 *+    00025
    RANI I      Anil
                Sex: Female
                Birth Date: 6 Nov 2000
                Last Location: MADRAS (dead)
                House Name: LILLY/MEENA
                Tattoo:
                Tag/Band:
+ Wild-caught... 00037 * Appear more than once...

```

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00038

=====

```

WILD      WILD      UNK      UNK
  dam\    /sire    dam\    /sire
   \    /         \    /
  00024 +         00001
  ROSY              RAJAN JR
                   Sex: Male
                   Birth Date: 6 Dec 2000
                   Last Location: HYDERABAD
                   House Name: PREM
                   Tattoo:
                   Tag/Band:

+ Wild-caught...      \    /
                       \    /
                       dam\ /sire
                        \    /
                       00038
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00039

=====

```

UNK      UNK      WILD      WILD
  dam\    /sire    dam\    /sire
   \    /         \    /
  00012          00005 *+
  GANGOTRI      Govind

  dam\    /sire
   \    /
  00016
  gowri

WILD      WILD
  dam\    /sire
   \    /
  00005 *+
  Govind
  Sex: Female
  Birth Date: 22 Dec 2000
  Last Location: VISAKAPAT
  House Name: GAYATRI
  Tattoo:
  Tag/Band:

+ Wild-caught...      \    /
                       \    /
                       dam\ /sire
                        \    /
                       00039 * Appear more than once...
    
```

=====

Taxon Name: BOS GAURUS Studbook Number: 00040

=====

```

UNK      UNK      WILD      WILD      ^      ^
  dam\    /sire    dam\    /sire    00012 *  00005 *+  WILD      WILD
   \    /         \    /         \    /         \    /
  00012 *          00005 *+      00016 *  00005 *+
  GANGOTRI      Govind      gowri      Govind

  dam\    /sire
   \    /
  00016 *
  gowri

  dam\    /sire
   \    /
  00019
  gopal
  Sex: Female
  Birth Date: 15 Mar 2001
  Last Location: VISAKAPAT
  House Name: RESHMA
  Tattoo:
  Tag/Band:

+ Wild-caught... * Appear more than once...
^ Pedigree continues beyond top of page...
    
```

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00041
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: SEPAHIJAL (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
         \  /
          \ /
           V
          00041
    
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00042
=====
WILD                WILD                UNK                UNK
dam\                dam\                dam\                dam\
 \  /                \  /                \  /                \  /
  \ /                \ /                \ /                \ /
   V                  V                  V                  V
  00024 +            00001              00001              00001
  ROSY               RAJAN JR           RAJAN JR           RAJAN JR
                   Sex: Male          Sex: Male
                   Birth Date: 6 Oct 2001
Last Location: USGOWN (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
         \  /
          \ /
           V
          00042
    
```

+ Wild-caught...

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00043
=====
WILD                WILD                WILD                WILD
dam\                dam\                dam\                dam\
 \  /                \  /                \  /                \  /
  \ /                \ /                \ /                \ /
   V                  V                  V                  V
  00021 +            00009 +            00008 +            00013
  Thunge/S          RANI I              SHERU              Arjun/Az
                   Sex: Male          Sex: Male
                   Birth Date: ~ Jan 2005
Last Location: BANNERGHA (dead)
House Name: CHATURTHA
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
         \  /
          \ /
           V
          00043
    
```

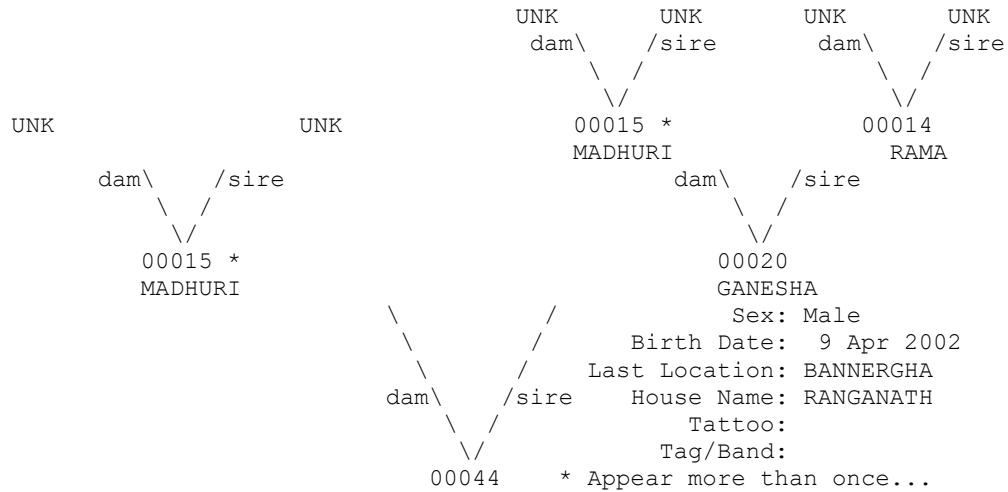
+ Wild-caught...

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00044

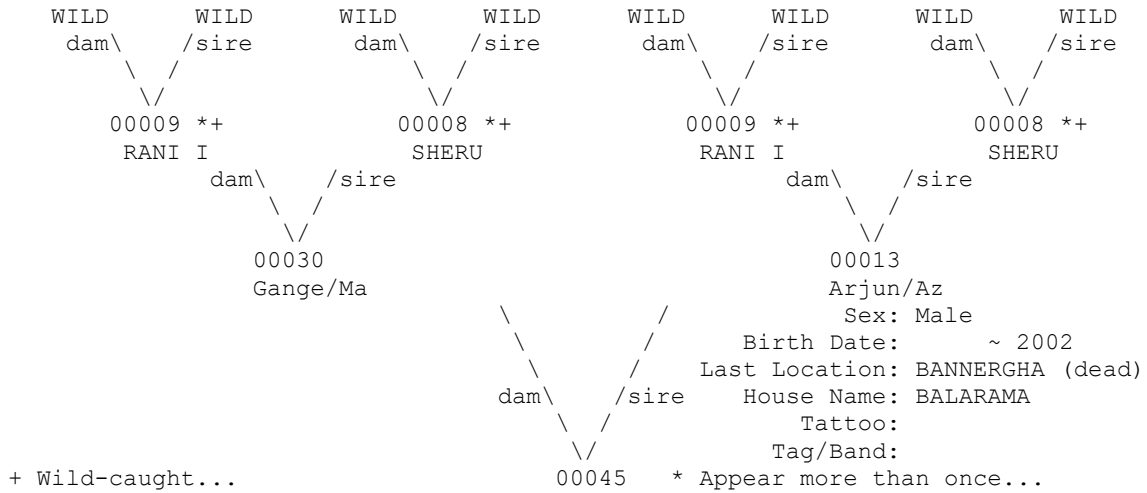
=====



=====

Taxon Name: BOS GAURUS Studbook Number: 00045

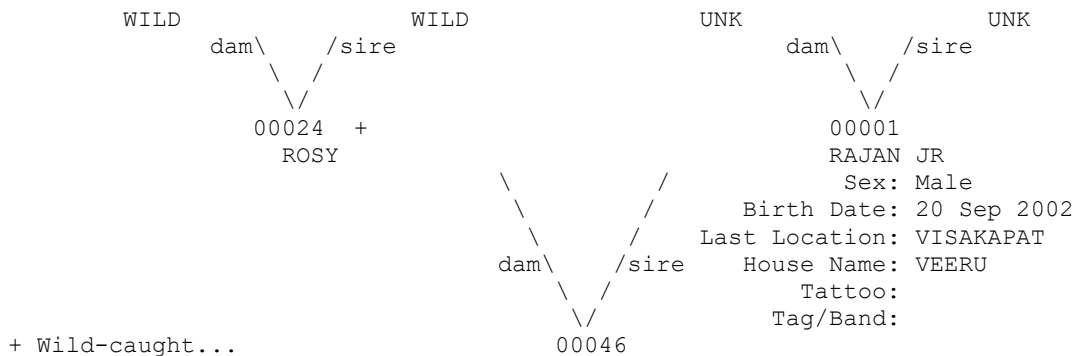
=====



=====

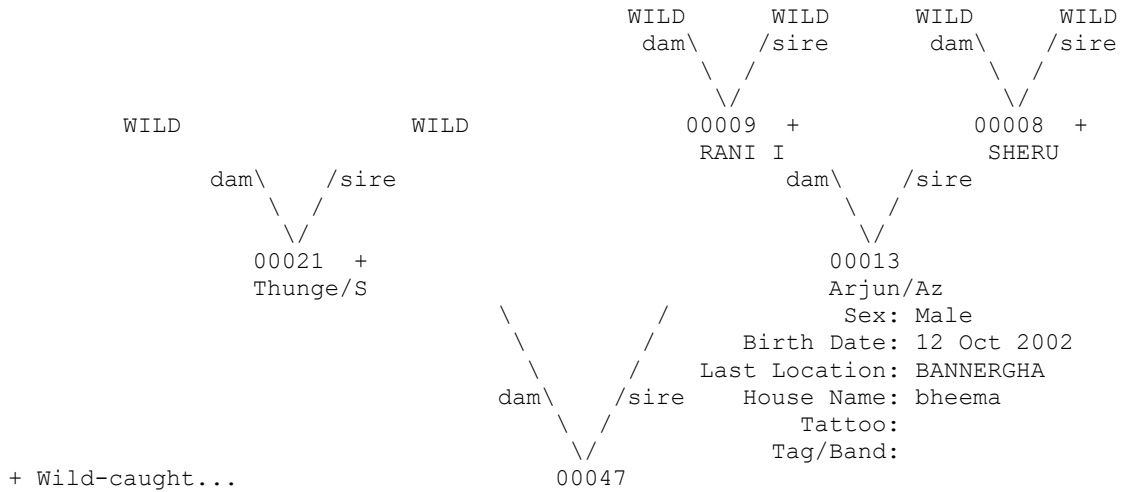
Taxon Name: BOS GAURUS Studbook Number: 00046

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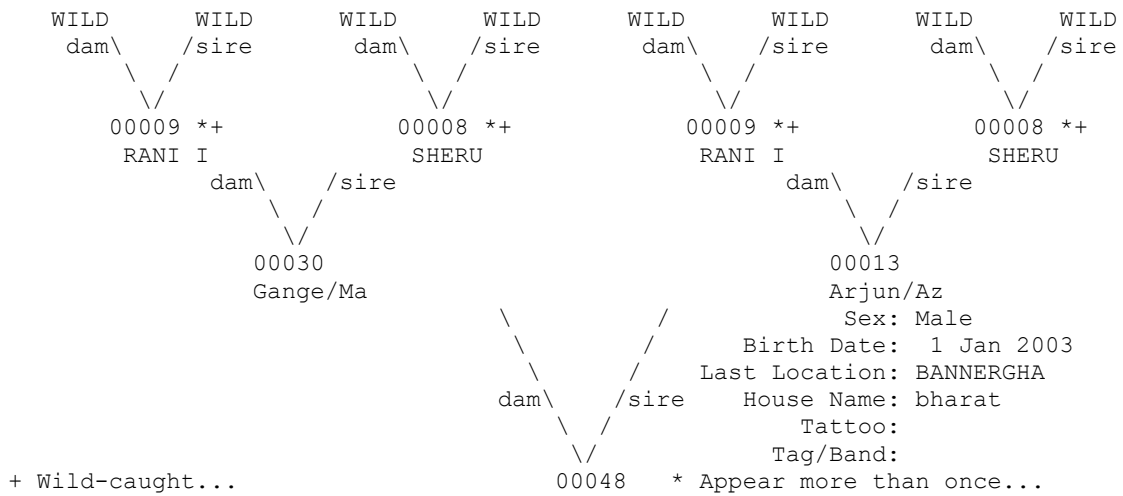


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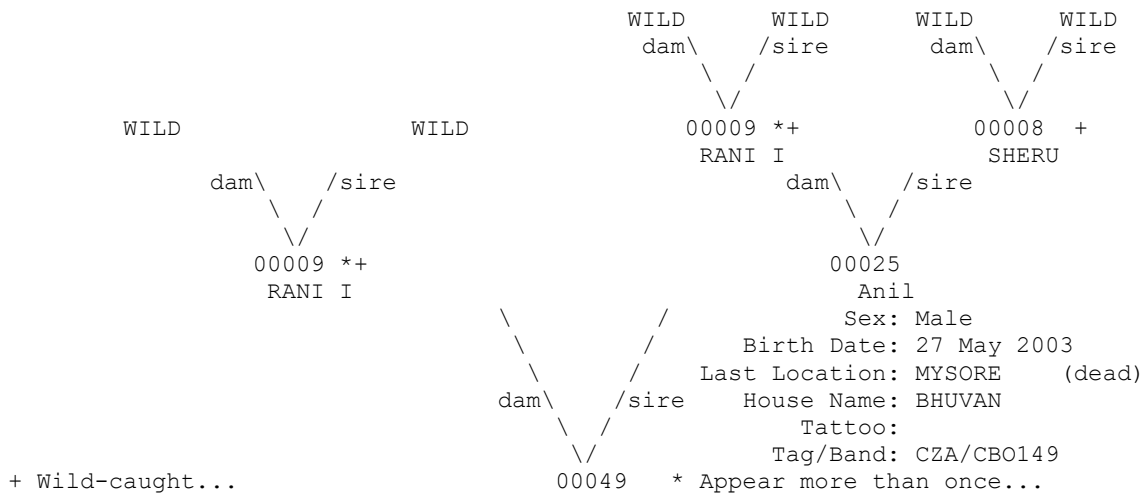
=====
 Taxon Name: BOS GAURUS Studbook Number: 00047
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00048
 =====

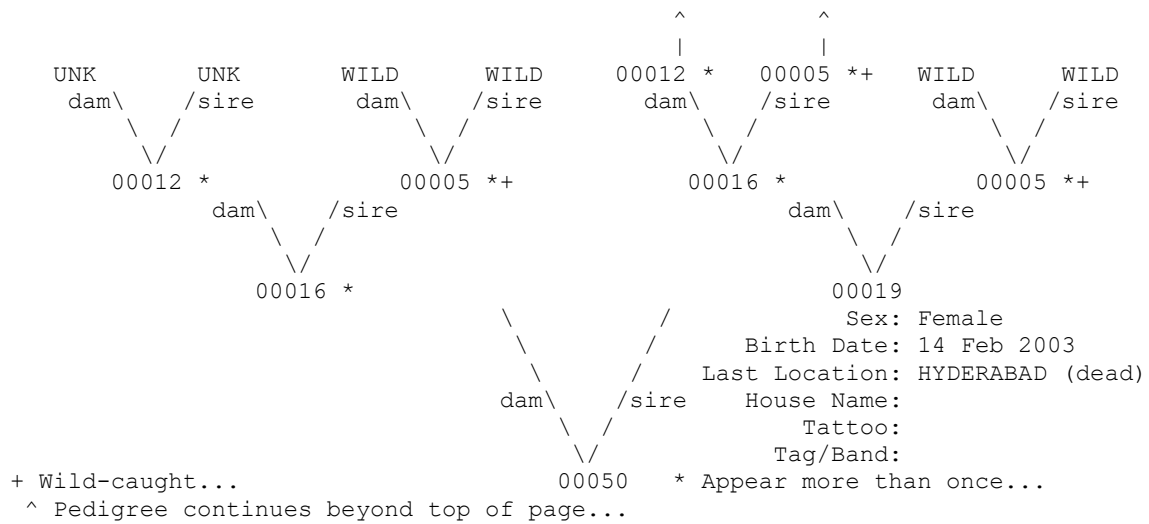


=====
 Taxon Name: BOS GAURUS Studbook Number: 00049
 =====

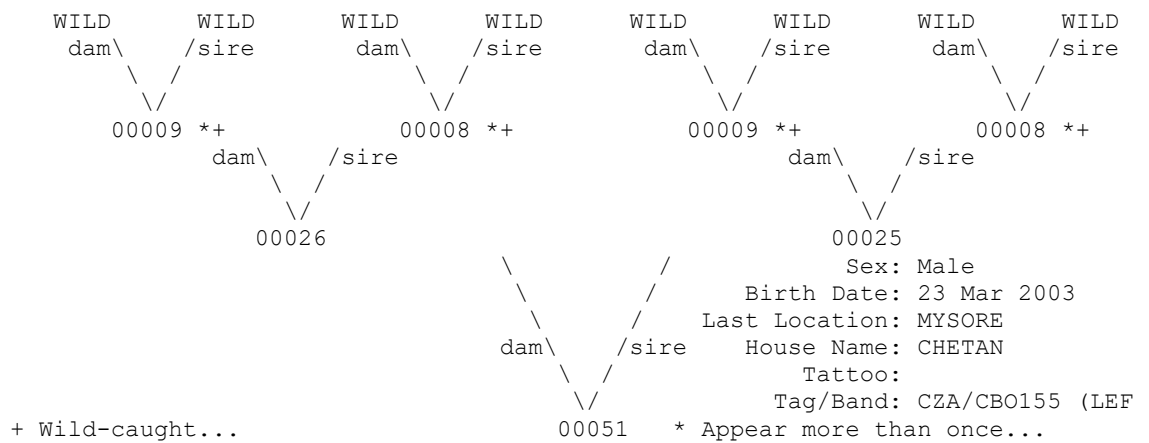


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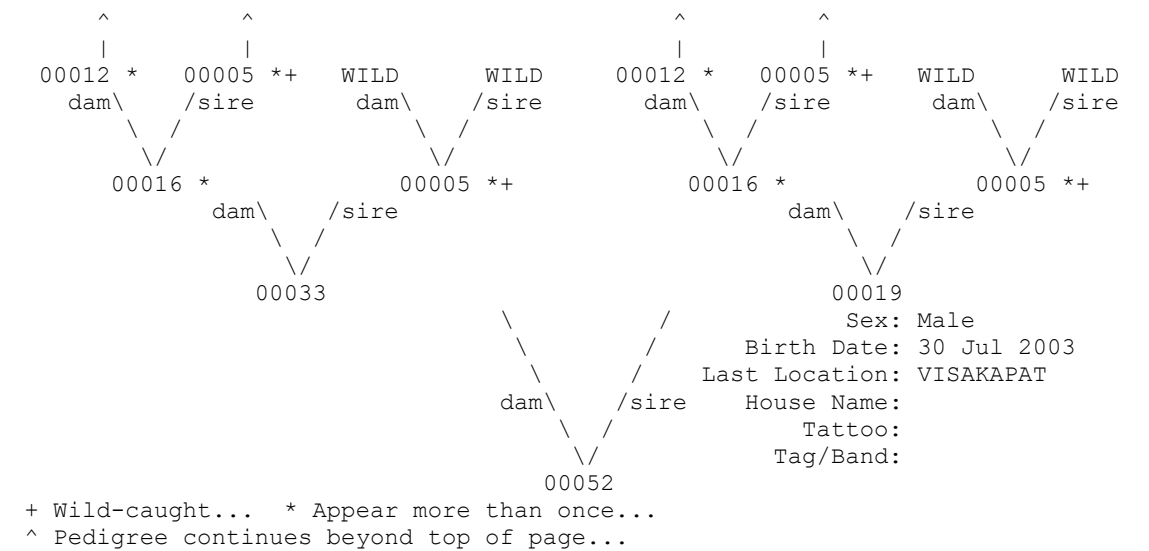
=====
 Taxon Name: BOS GAURUS Studbook Number: 00050
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00051
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00052
 =====

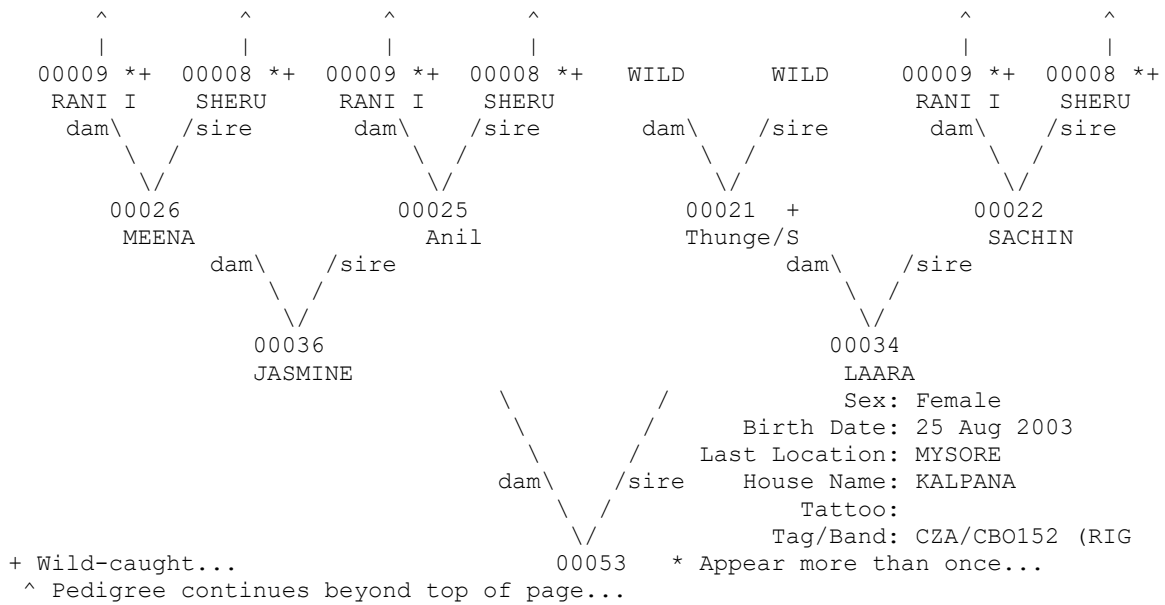


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00053

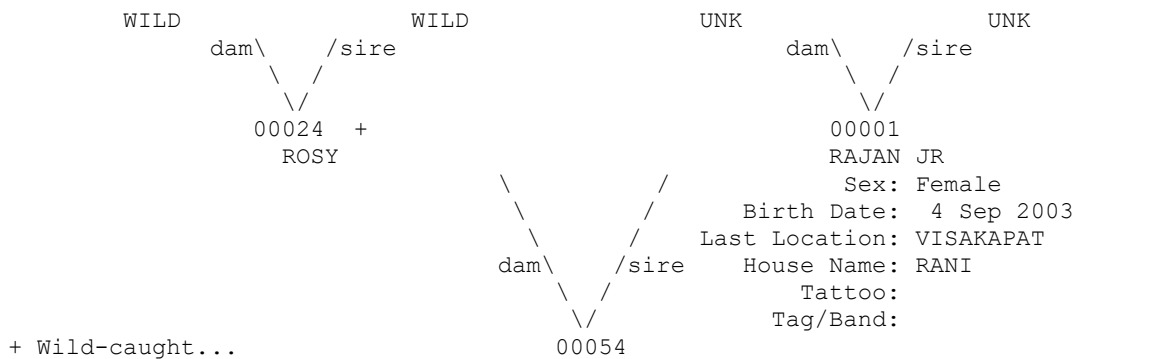
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=====

Taxon Name: BOS GAURUS Studbook Number: 00054

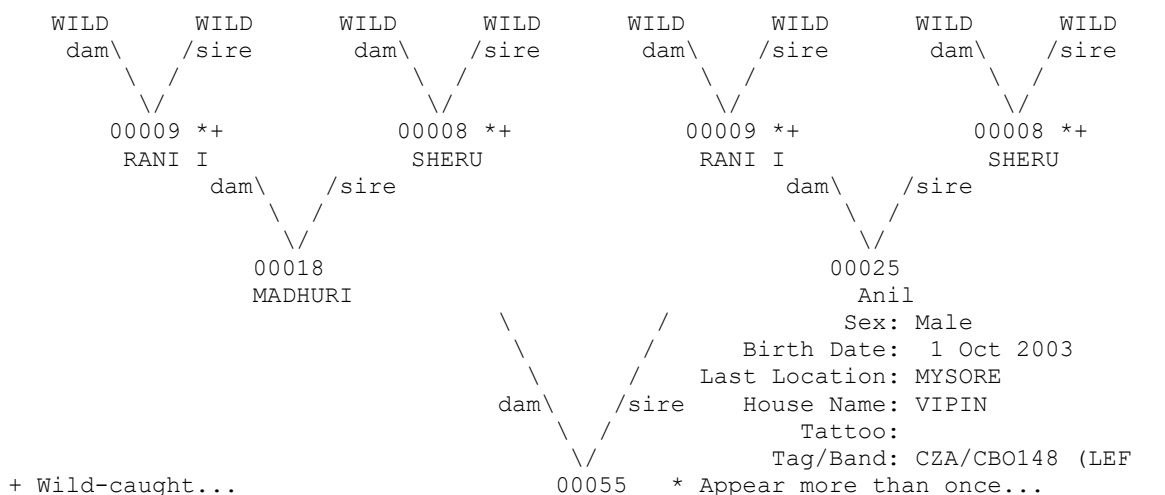
=====



=====

Taxon Name: BOS GAURUS Studbook Number: 00055

=====

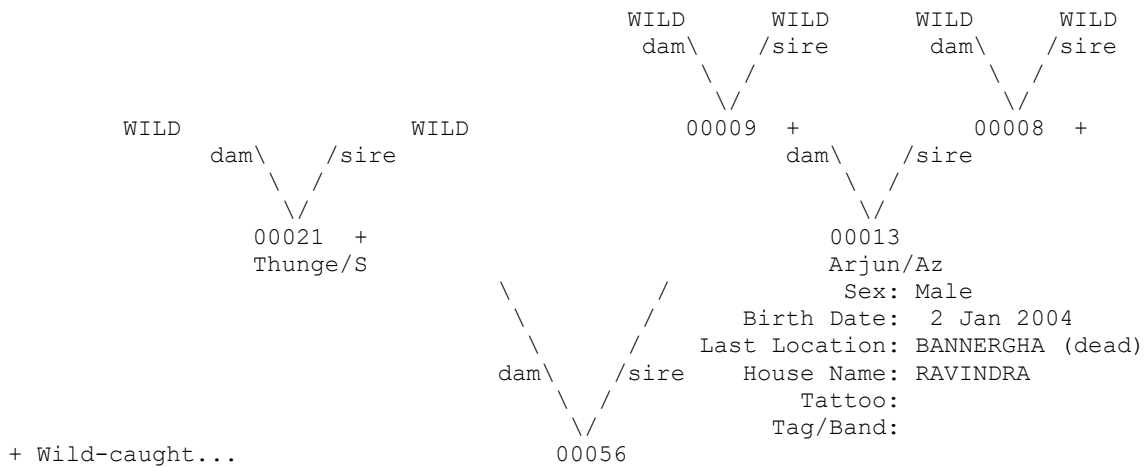


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Taxon Name: BOS GAURUS Studbook Number: 00056

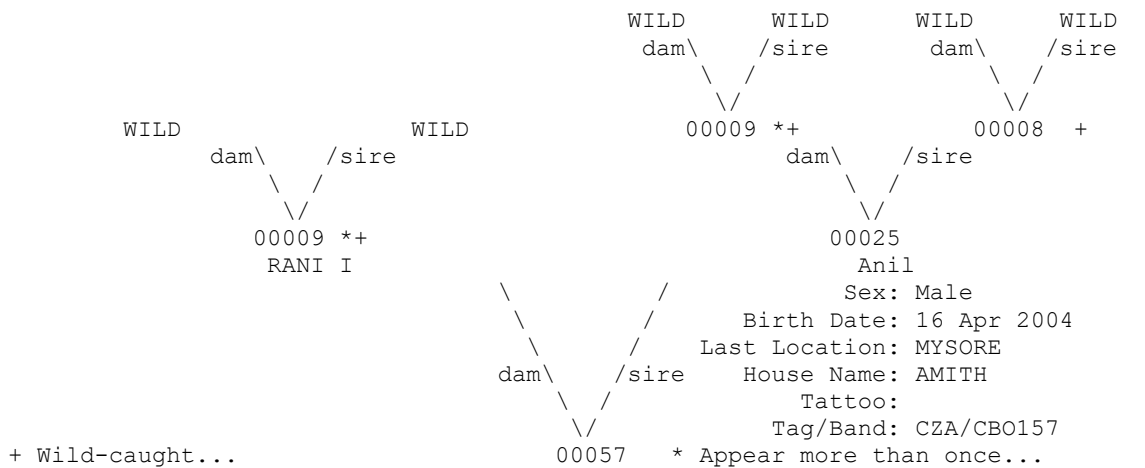
=====



=====

Taxon Name: BOS GAURUS Studbook Number: 00057

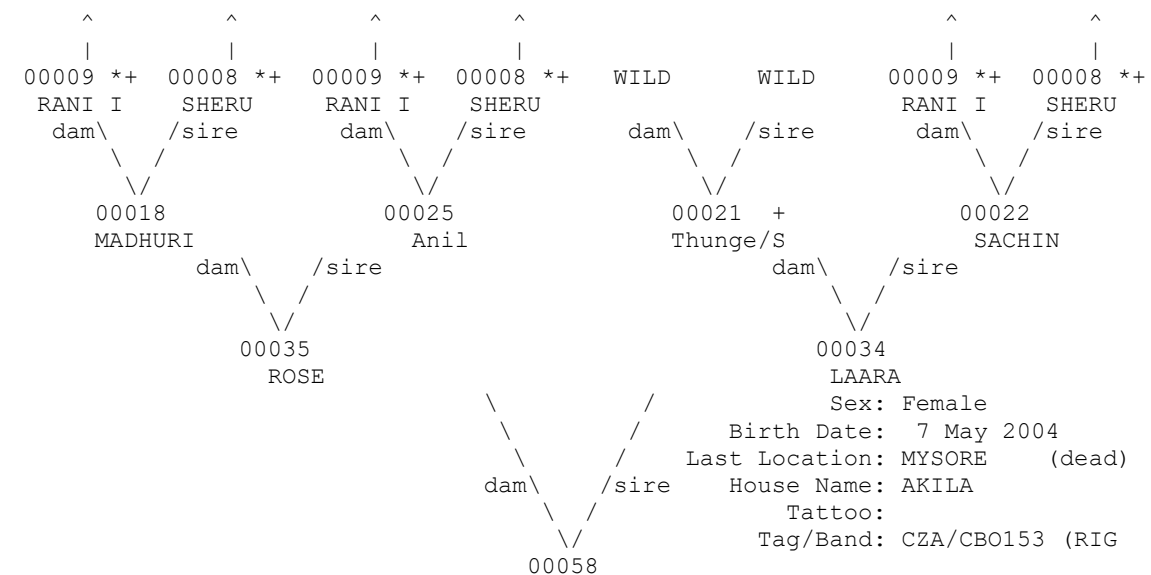
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=====

Taxon Name: BOS GAURUS Studbook Number: 00058

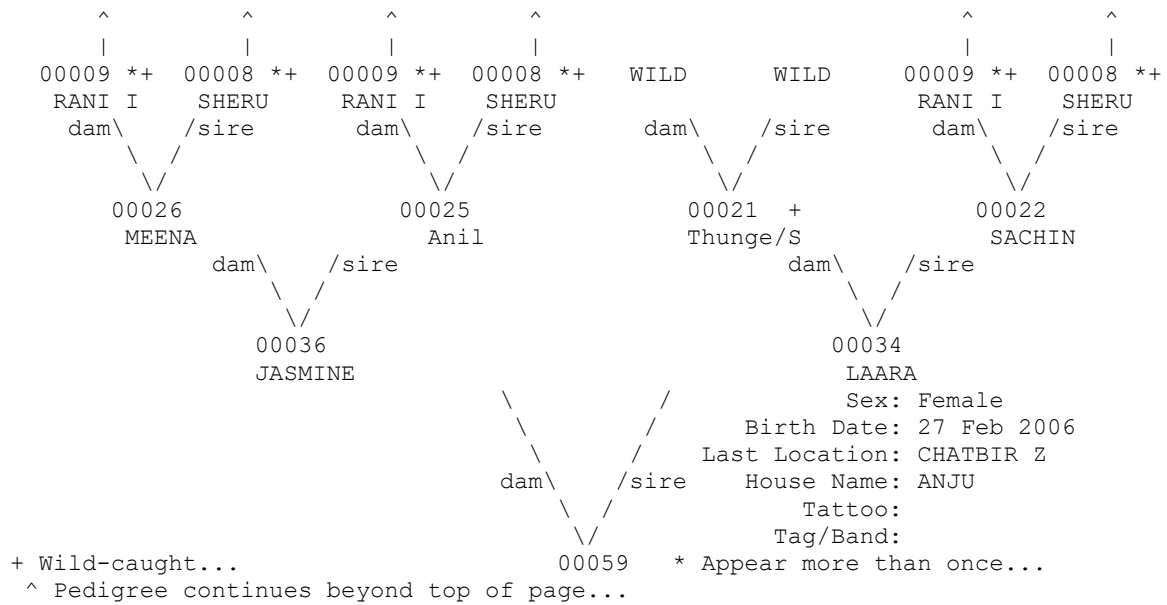
=====



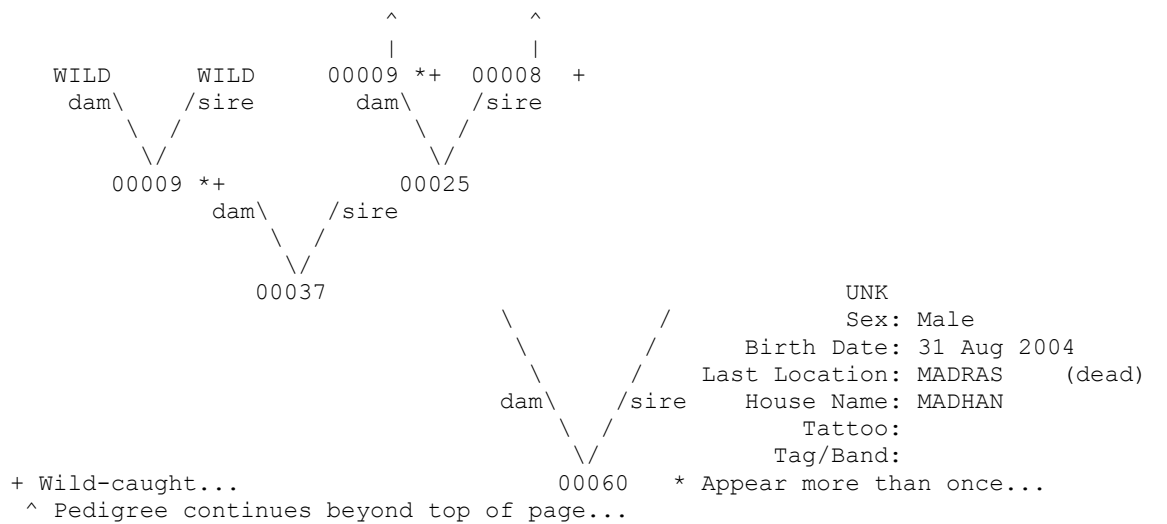
+ Wild-caught... * Appear more than once...
 ^ Pedigree continues beyond top of page...

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

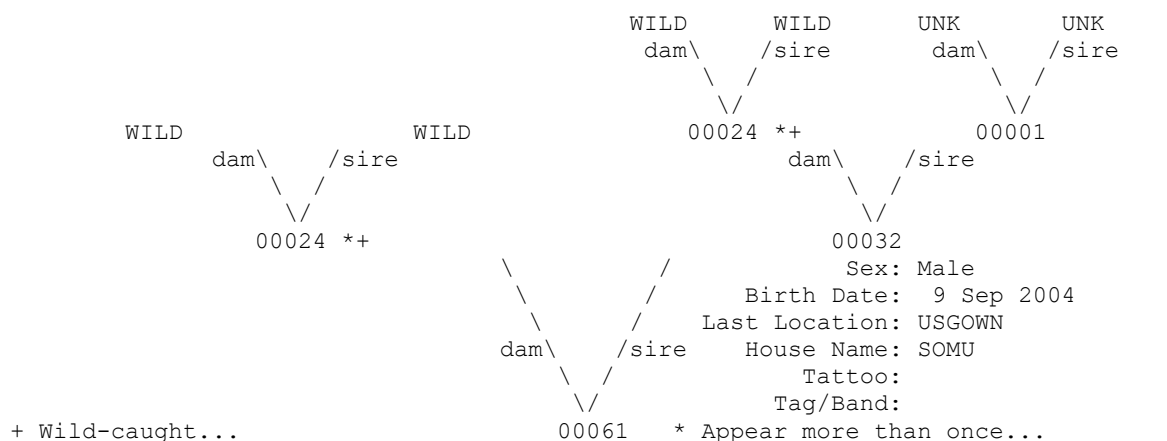
=====
 Taxon Name: BOS GAURUS Studbook Number: 00059
 =====



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 Taxon Name: BOS GAURUS Studbook Number: 00060
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00061
 =====



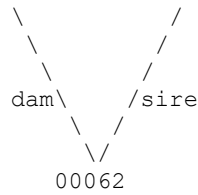
NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00062

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WILD



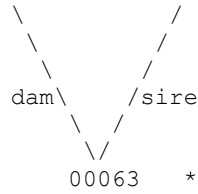
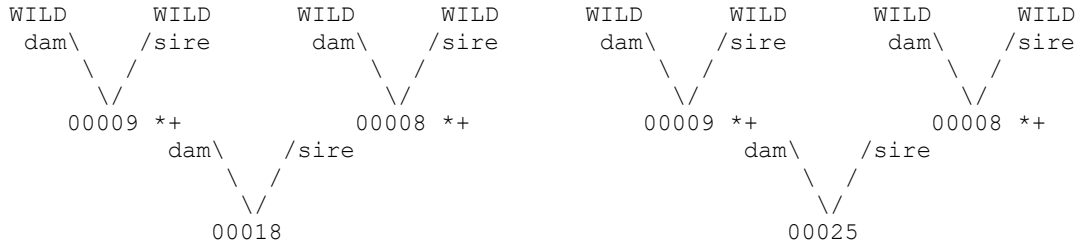
WILD

Sex: Female
 Birth Date: ~ Apr 2004
 Last Location: MADRAS
 House Name: GEETHA
 Tattoo:
 Tag/Band:

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Taxon Name: BOS GAURUS Studbook Number: 00063

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Sex: Male
 Birth Date: ~ 2000
 Last Location: DELHI (dead)
 House Name: VIKRAM
 Tattoo:
 Tag/Band:

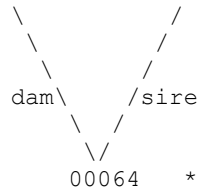
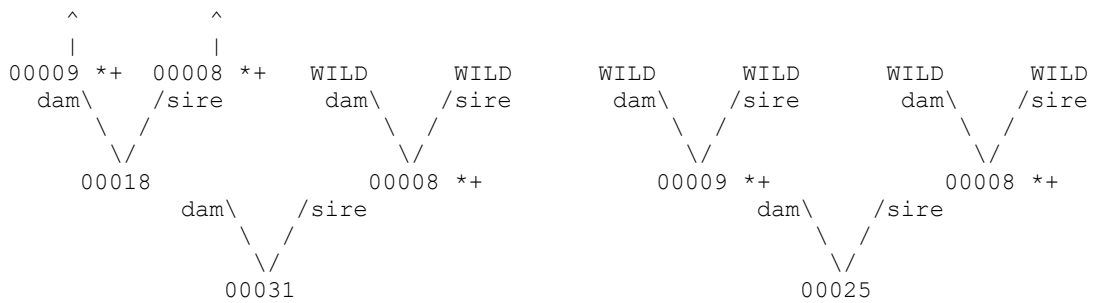
+ Wild-caught...

* Appear more than once...

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Taxon Name: BOS GAURUS Studbook Number: 00064

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Sex: Female
 Birth Date: ????
 Last Location: DELHI
 House Name: Neelam
 Tattoo:
 Tag/Band:

+ Wild-caught...

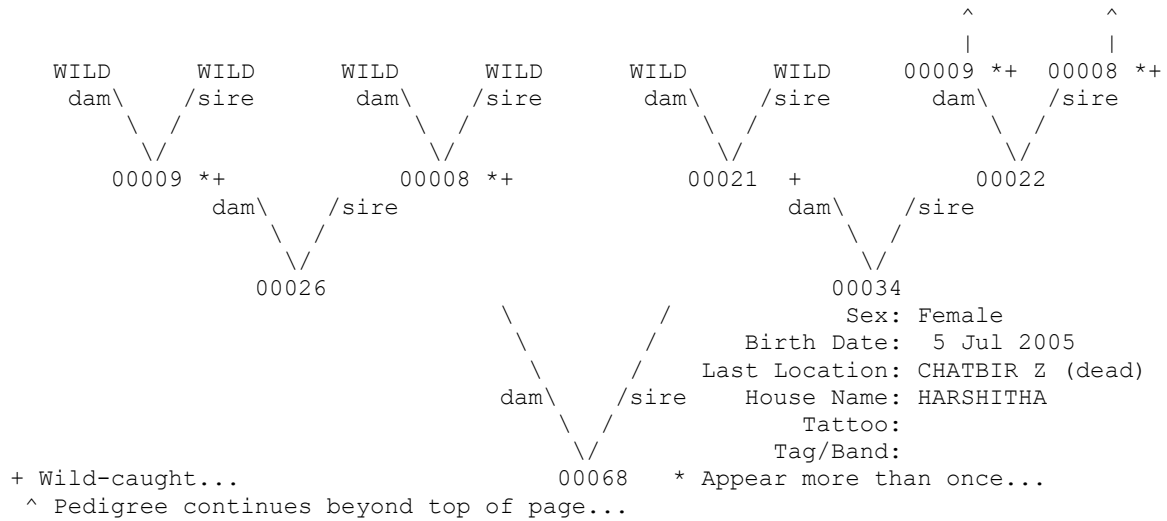
* Appear more than once...

^ Pedigree continues beyond top of page...

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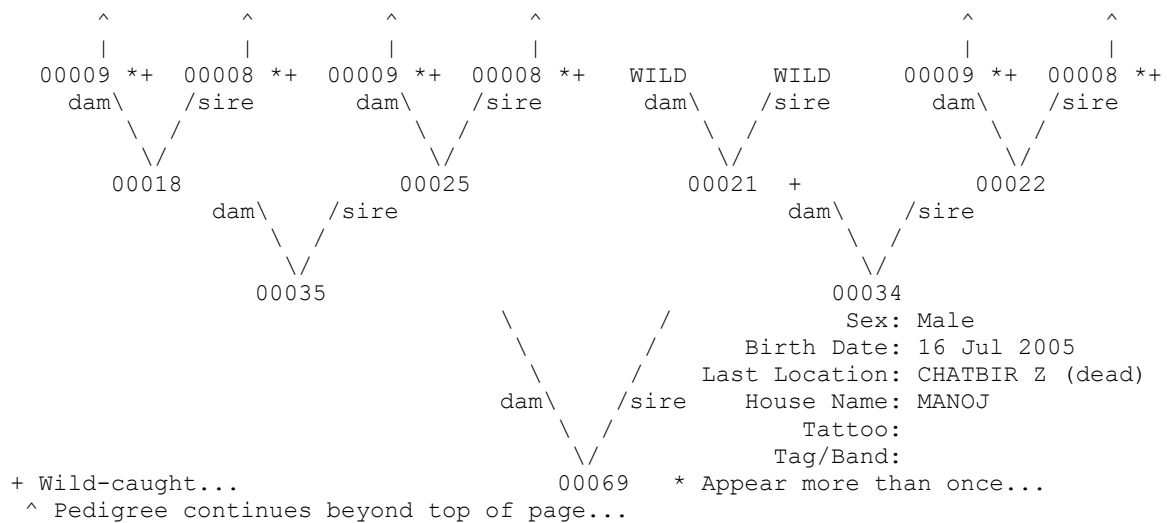
Taxon Name: BOS GAURUS

Studbook Number: 00068



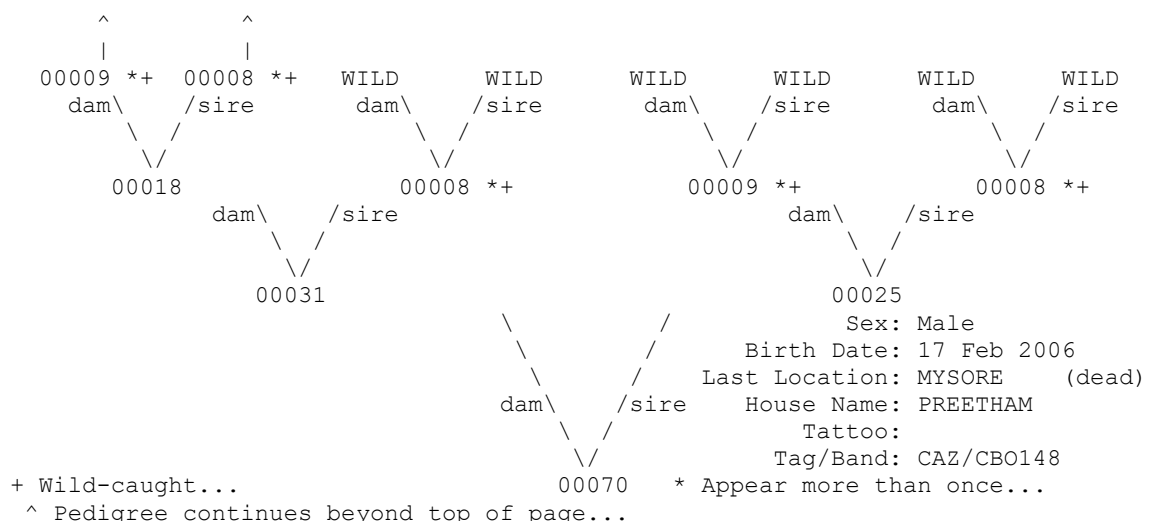
Taxon Name: BOS GAURUS

Studbook Number: 00069



Taxon Name: BOS GAURUS

Studbook Number: 00070



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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 Taxon Name: BOS GAURUS Studbook Number: 00071
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```

WILD      WILD      UNK      UNK      WILD      WILD      UNK      UNK
dam\     /sire    dam\     /sire    dam\     /sire    dam\     /sire
  \      /       \      /       \      /       \      /
   \    /         \    /         \    /         \    /
    \  /           \  /           \  /           \  /
     \ /            \ /            \ /            \ /
      00024 *+      00001 *      00024 *+      00001 *
        \          /              \          /
         dam\     /sire            dam\     /sire
            \      /                \      /
             \    /                  \    /
              \  /                    \  /
               \ /                     \ /
                00054                    00032
                                     Sex: Female
                                     Birth Date: 26 Feb 2006
                                     Last Location: VISAKAPAT
                                     House Name: PINKY
                                     Tattoo:
                                     Tag/Band:
+ Wild-caught... 00071 * Appear more than once...
    
```

=====
 Taxon Name: BOS GAURUS Studbook Number: 00072
 =====

```

WILD      WILD      WILD      WILD
dam\     /sire    dam\     /sire    dam\     /sire    dam\     /sire
  \      /       \      /       \      /       \      /
   \    /         \    /         \    /         \    /
    \  /           \  /           \  /           \  /
     \ /            \ /            \ /            \ /
      00009 *+      00008 +      00009 *+      00008 +
        \          /              \          /
         dam\     /sire            dam\     /sire
            \      /                \      /
             \    /                  \    /
              \  /                    \  /
               \ /                     \ /
                00018                    00025
                                     Sex: Male
                                     Birth Date: 11 May 2006
                                     Last Location: MYSORE
                                     House Name: ANUBHAV
                                     Tattoo:
                                     Tag/Band: CZA/CB0146
+ Wild-caught... 00072 * Appear more than once...
    
```

=====
 Taxon Name: BOS GAURUS Studbook Number: 00073
 =====

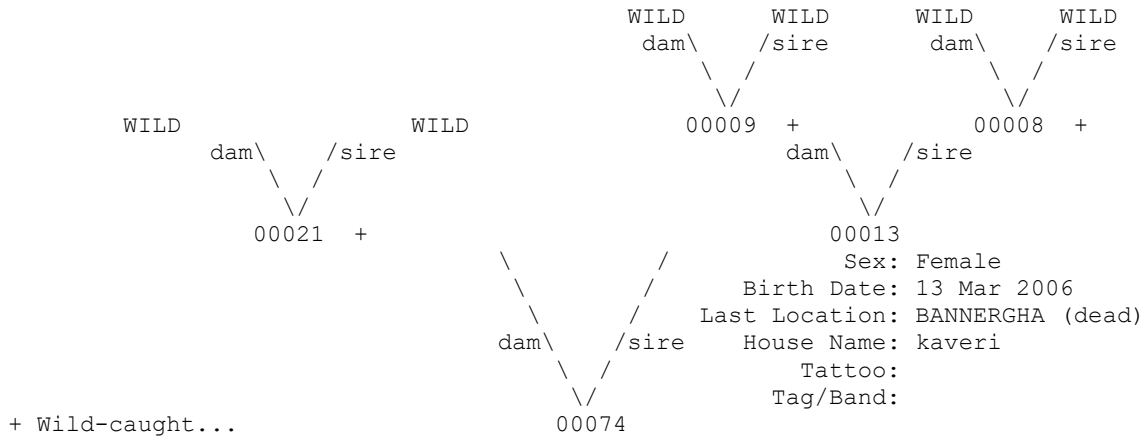
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WILD      WILD      WILD      WILD      WILD      WILD      WILD      WILD
dam\     /sire    dam\     /sire    dam\     /sire    dam\     /sire    dam\     /sire
  \      /       \      /       \      /       \      /
   \    /         \    /         \    /         \    /
    \  /           \  /           \  /           \  /
     \ /            \ /            \ /            \ /
      00009 *+      00008 *+      00009 *+      00008 *+
        \          /              \          /
         dam\     /sire            dam\     /sire
            \      /                \      /
             \    /                  \    /
              \  /                    \  /
               \ /                     \ /
                00018                    00025
                                     Sex: Female
                                     Birth Date: 23 May 2006
                                     Last Location: JUNAGADH (dead)
                                     House Name: SARITHA
                                     Tattoo:
                                     Tag/Band: CZA/CB0145 (RIG)
+ Wild-caught... 00073 * Appear more than once...
    
```

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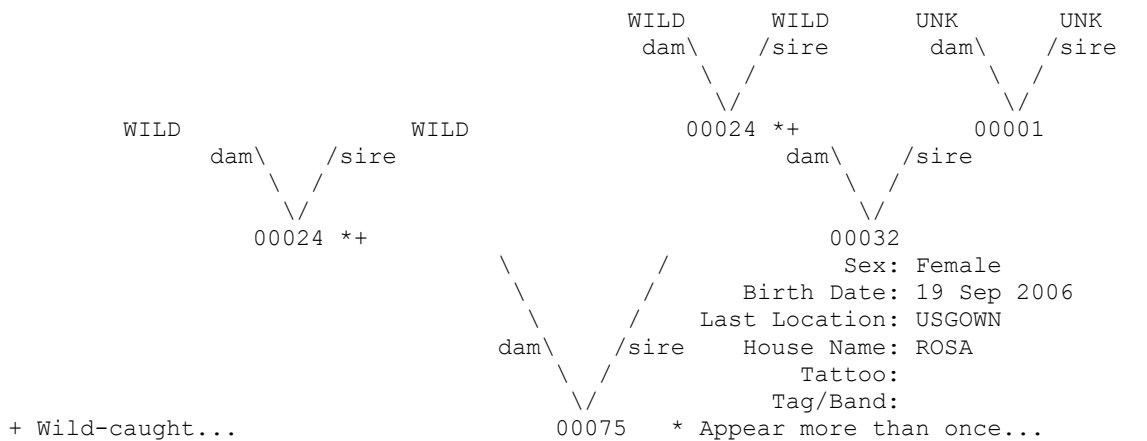
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 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00074
 =====



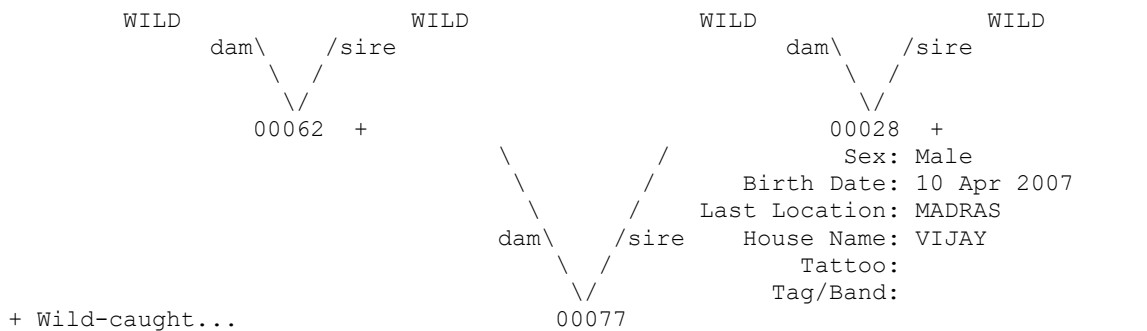
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00075
 =====



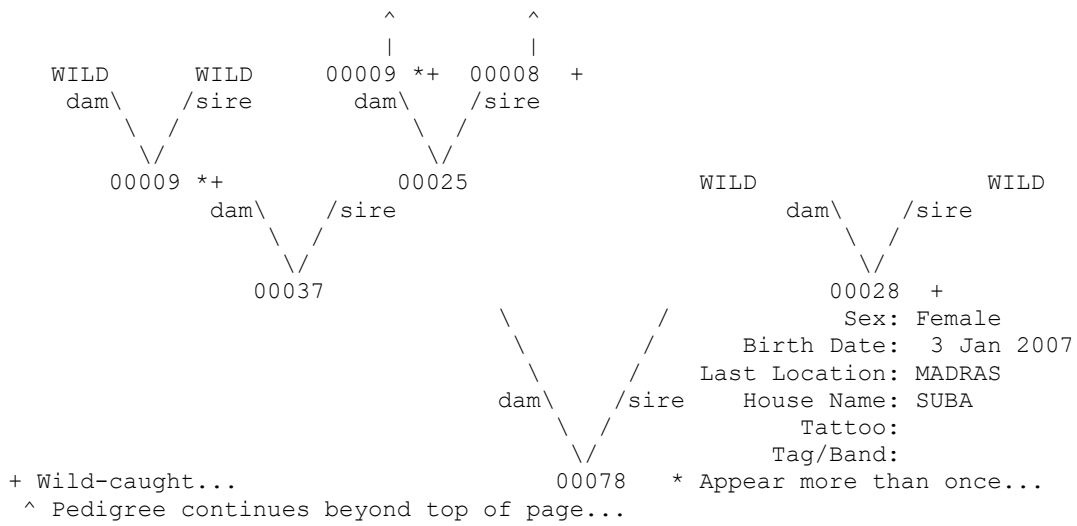
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00077
 =====

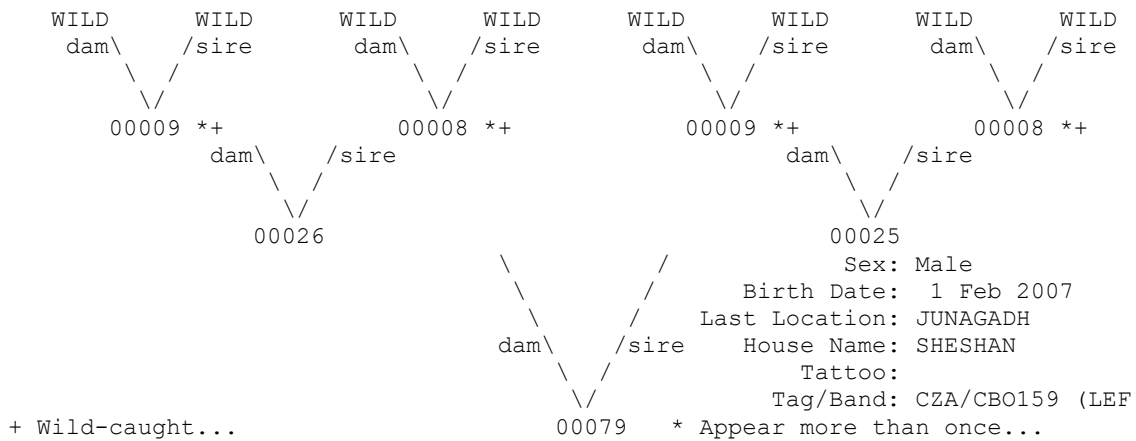


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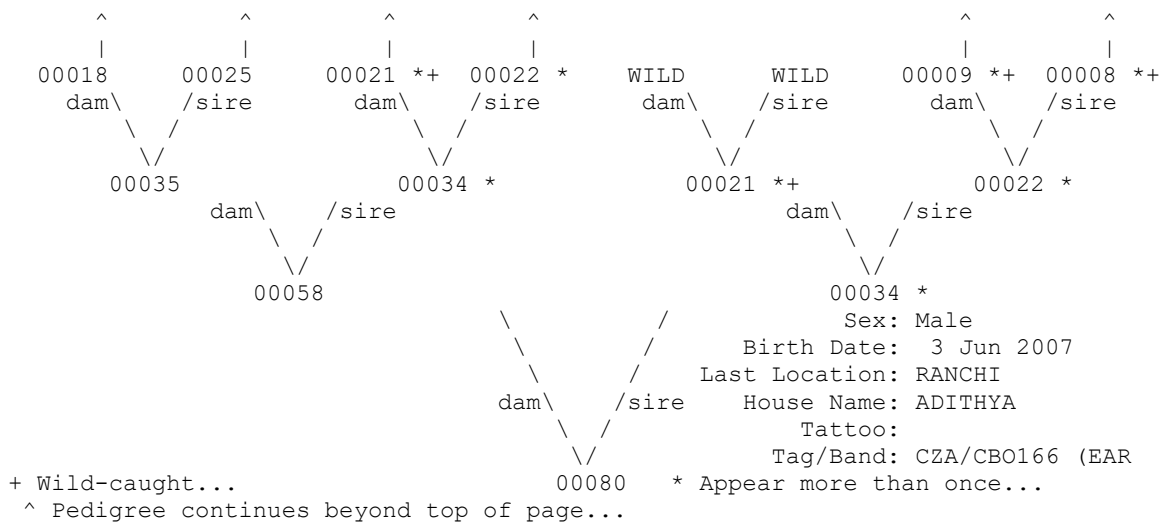
Taxon Name: BOS GAURUS Studbook Number: 00078



Taxon Name: BOS GAURUS Studbook Number: 00079



Taxon Name: BOS GAURUS Studbook Number: 00080

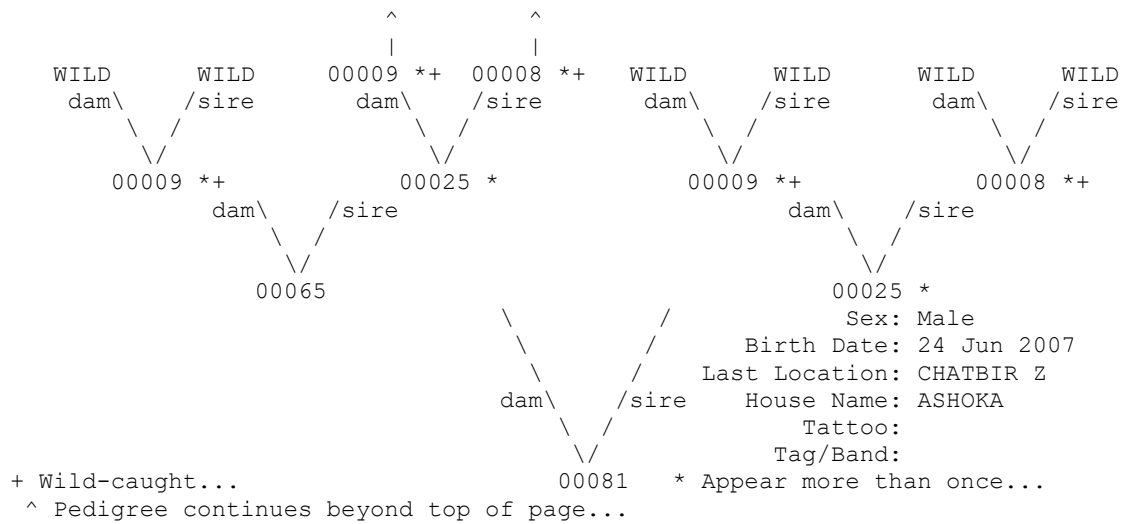


NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00081

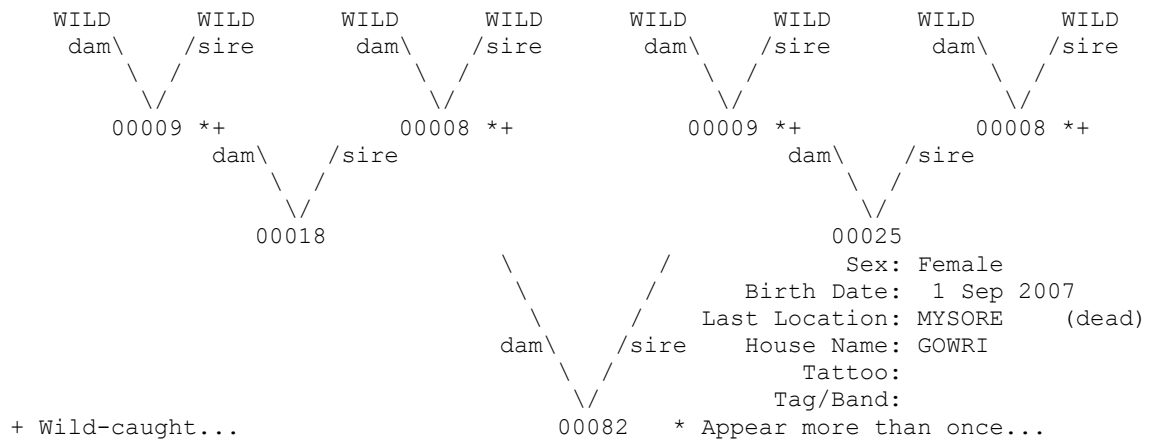
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Taxon Name: BOS GAURUS Studbook Number: 00082

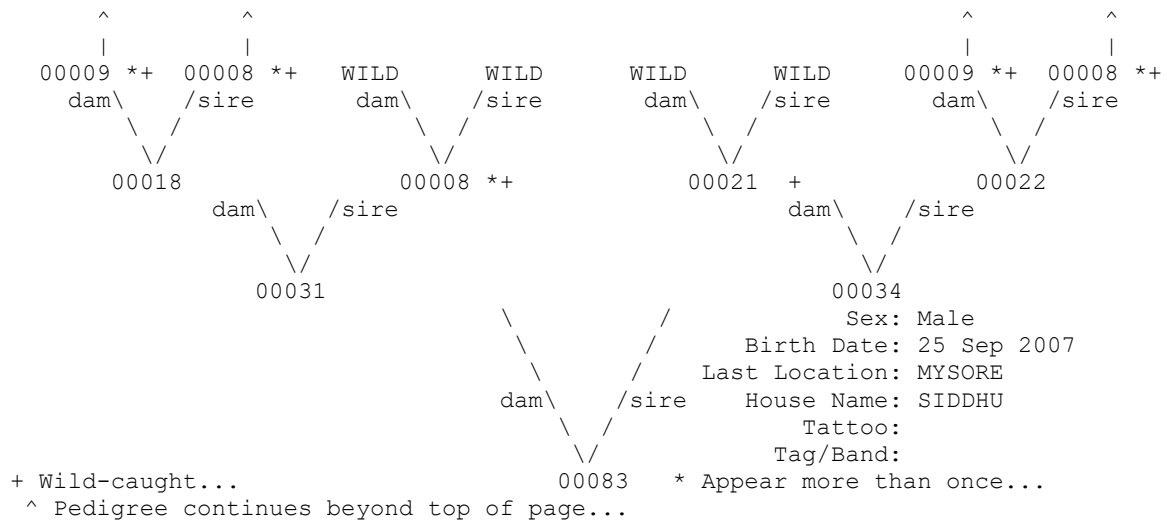
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Taxon Name: BOS GAURUS Studbook Number: 00083

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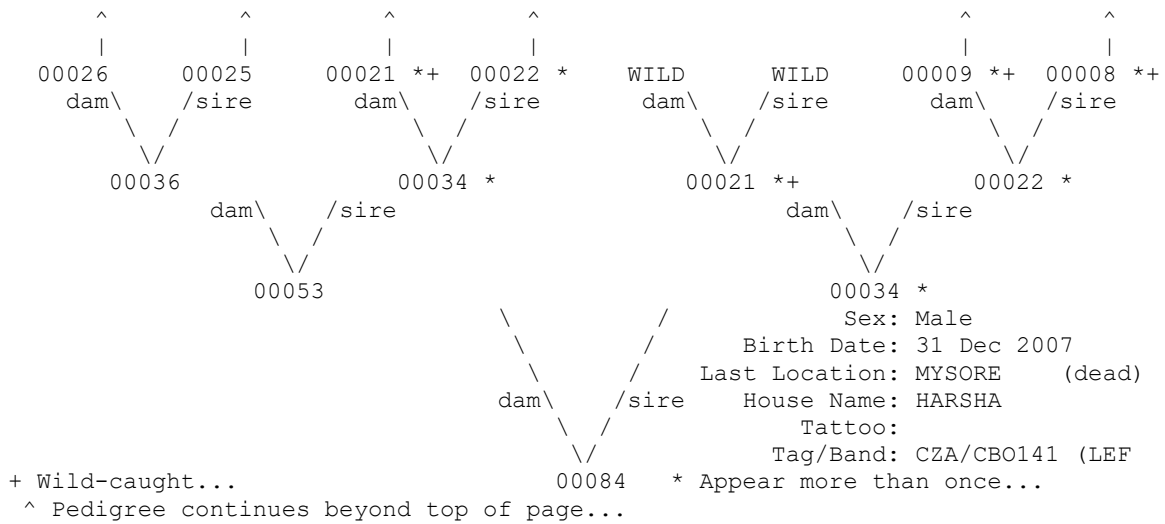


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Taxon Name: BOS GAURUS Studbook Number: 00084

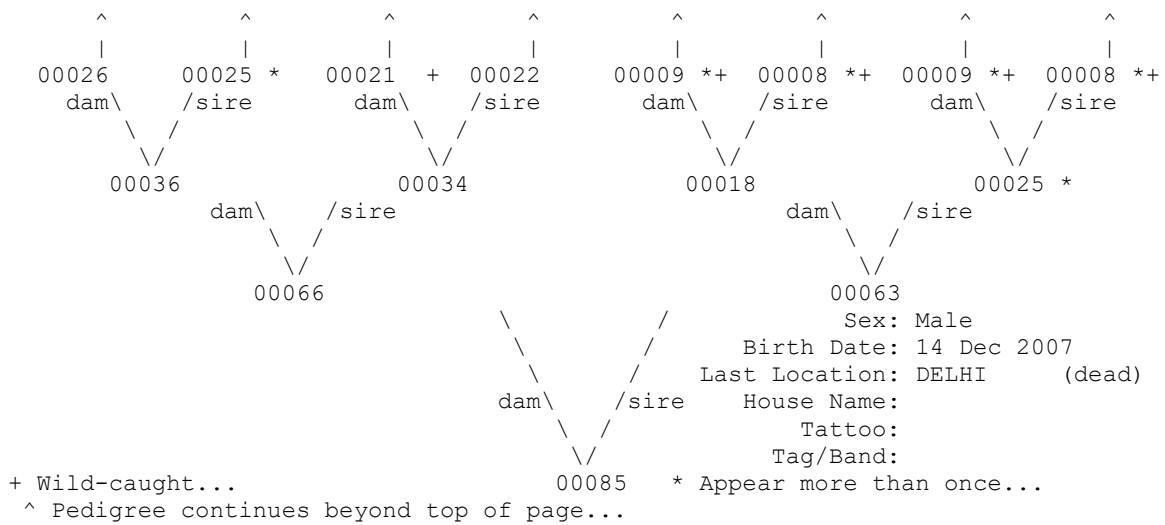
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Taxon Name: BOS GAURUS Studbook Number: 00085

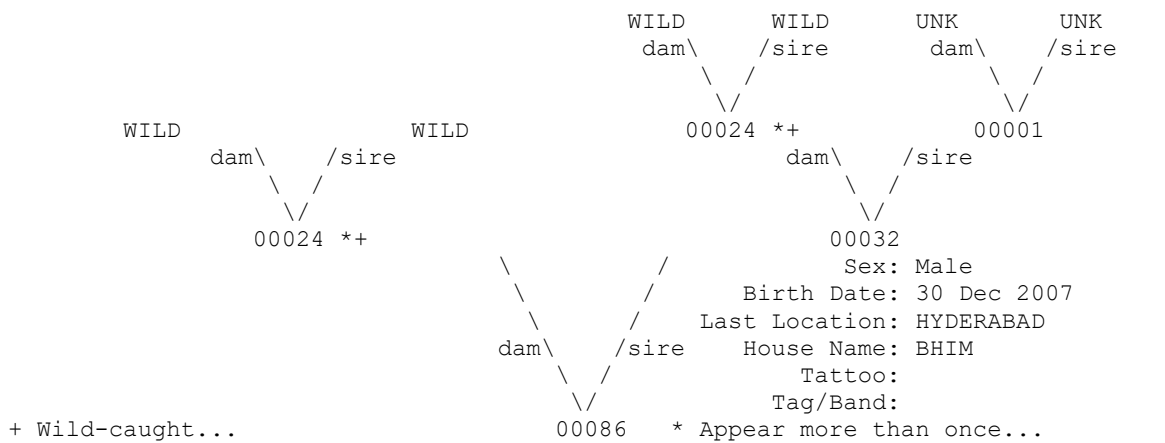
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Taxon Name: BOS GAURUS Studbook Number: 00086

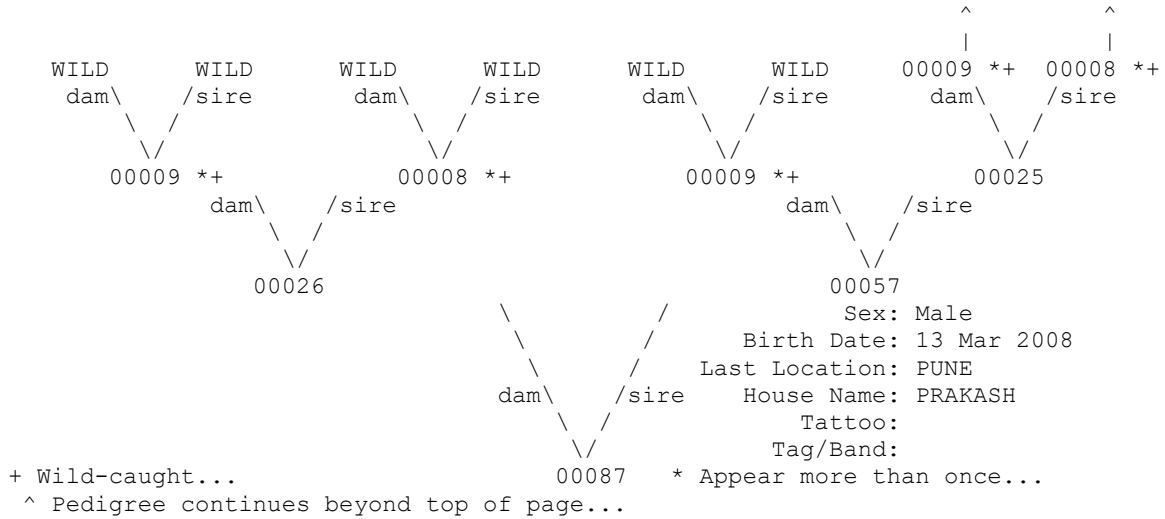
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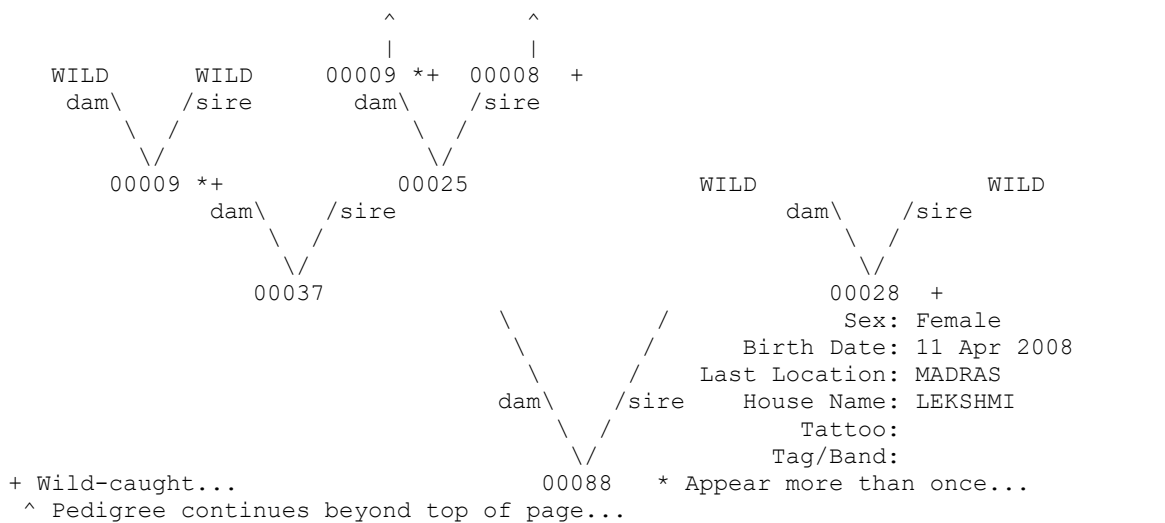
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Studbook Number: 00087



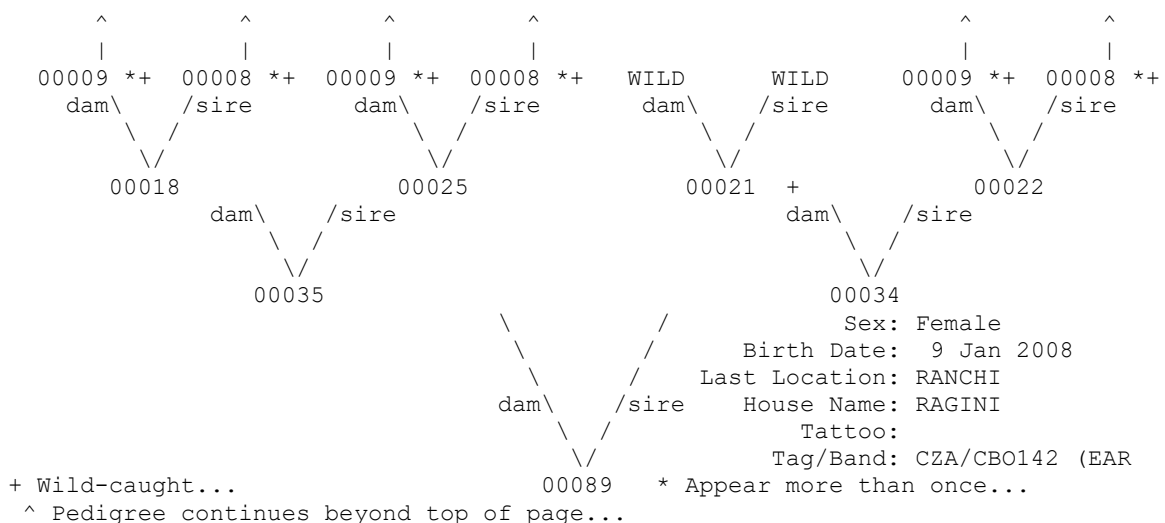
Taxon Name: BOS GAURUS

Studbook Number: 00088



Taxon Name: BOS GAURUS

Studbook Number: 00089

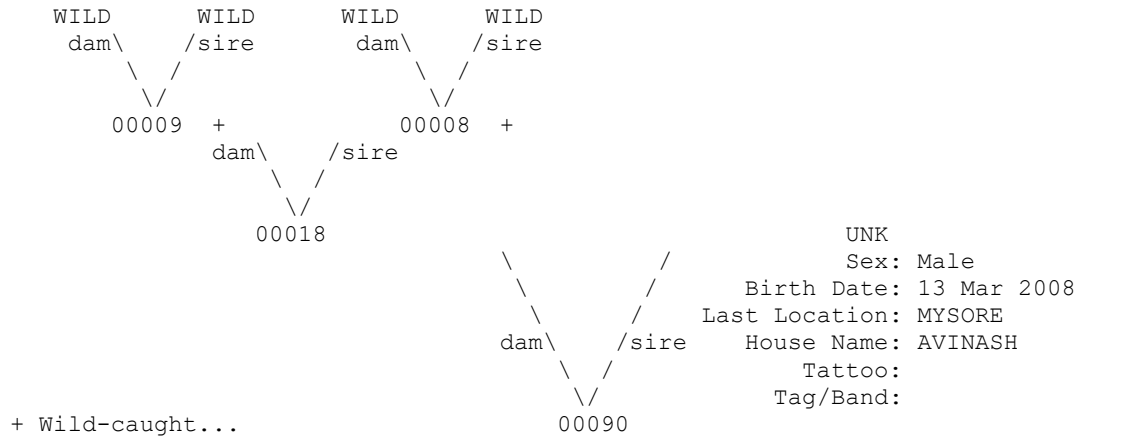


NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00090

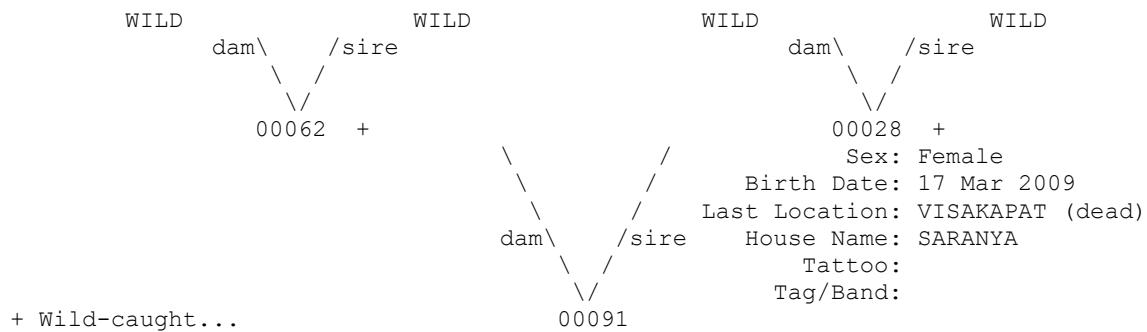
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Taxon Name: BOS GAURUS Studbook Number: 00091

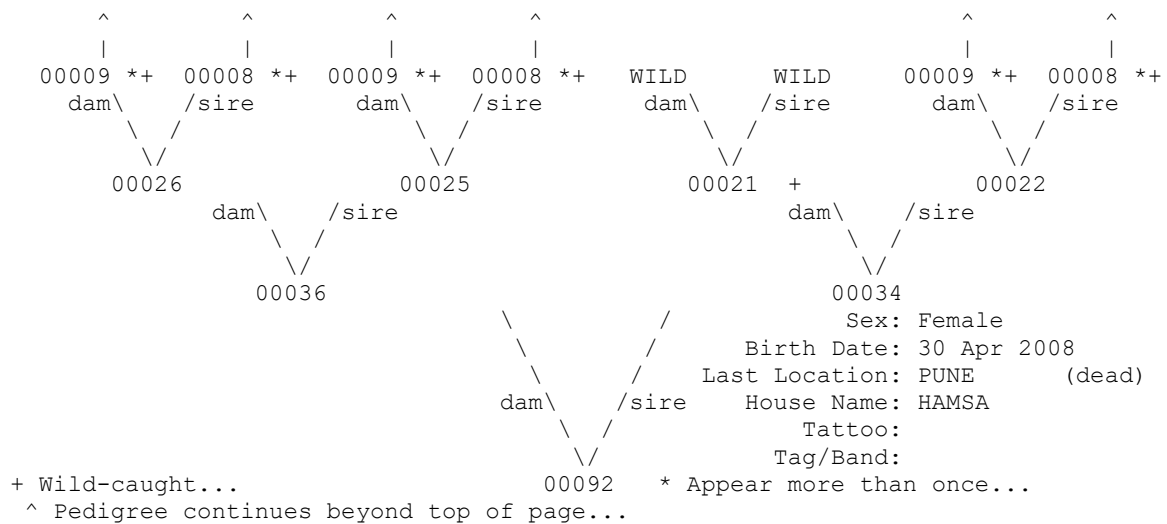
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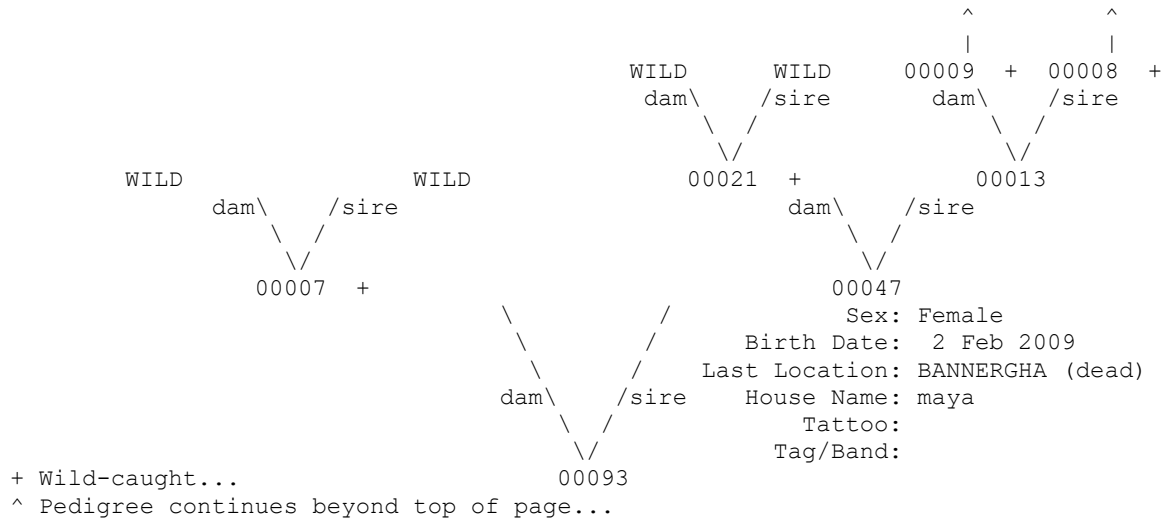
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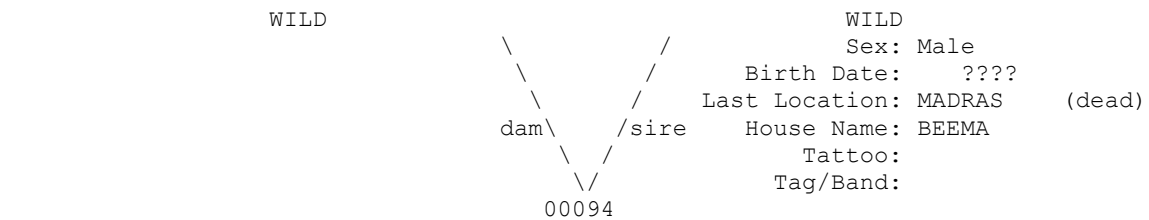
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 Taxon Name: BOS GAURUS
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Studbook Number: 00093
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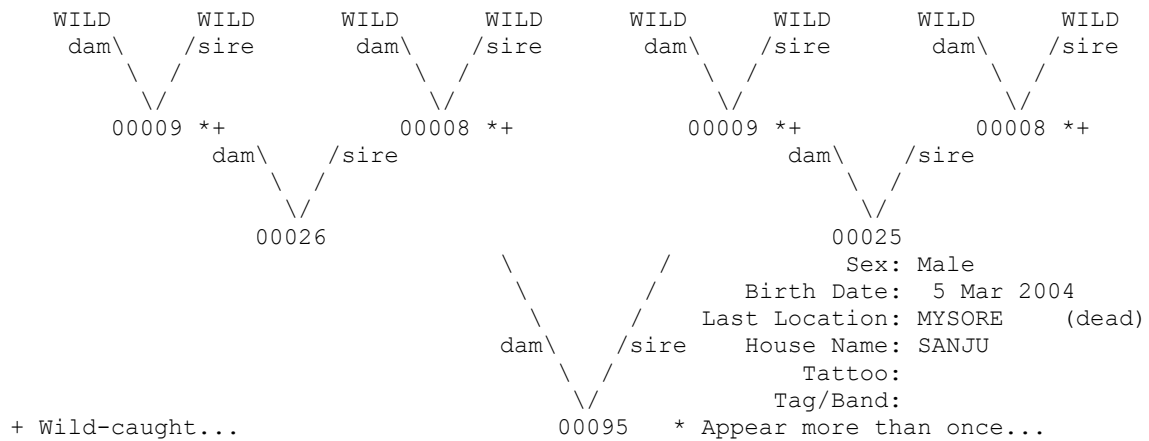
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 Taxon Name: BOS GAURUS
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Studbook Number: 00094
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 Taxon Name: BOS GAURUS
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Studbook Number: 00095
 =====



NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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Taxon Name: BOS GAURUS

Studbook Number: 00097

=====

WILD dam \ /sire WILD dam \ /sire WILD dam \ /sire WILD dam \ /sire

00009 *+ 00008 *+ 00009 *+ 00008 *+

dam \ /sire

dam \ /sire

00030

00013

Sex: Male

Birth Date: 26 Jun 2006

Last Location: BANNERGHA (dead)

House Name: shankar

Tattoo:

Tag/Band:

+ Wild-caught...

00097

* Appear more than once...

=====

Taxon Name: BOS GAURUS

Studbook Number: 00099

=====

WILD

WILD

Sex: Male

Birth Date: ~ 2010

Last Location: BANNERGHA

House Name: Manav

Tattoo:

Tag/Band:

dam \ /sire

00099

=====

Taxon Name: BOS GAURUS

Studbook Number: 00100

=====

WILD dam \ /sire WILD dam \ /sire WILD dam \ /sire WILD dam \ /sire

00009 *+ 00008 *+ 00009 *+ 00008 *+

dam \ /sire

dam \ /sire

00030

00013

Sex: Male

Birth Date: 4 Jun 2007

Last Location: BANNERGHA (dead)

House Name: KABEER

Tattoo:

Tag/Band:

+ Wild-caught...

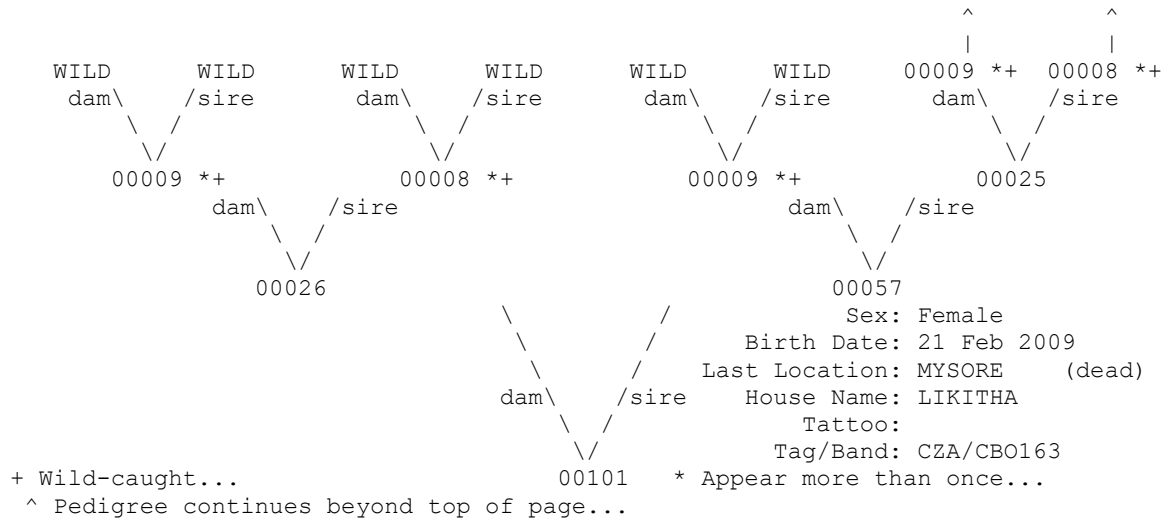
00100

* Appear more than once...

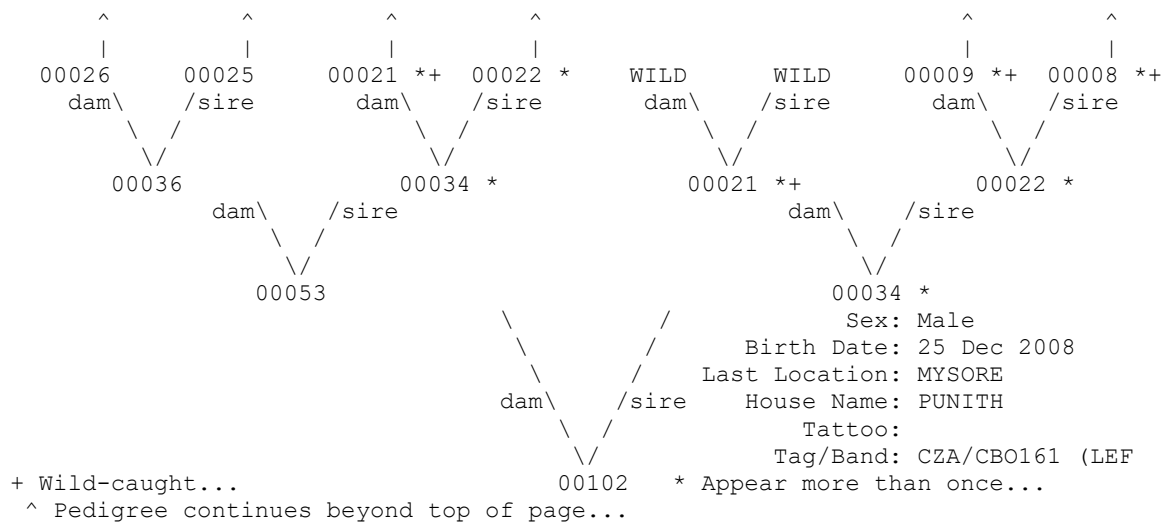
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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

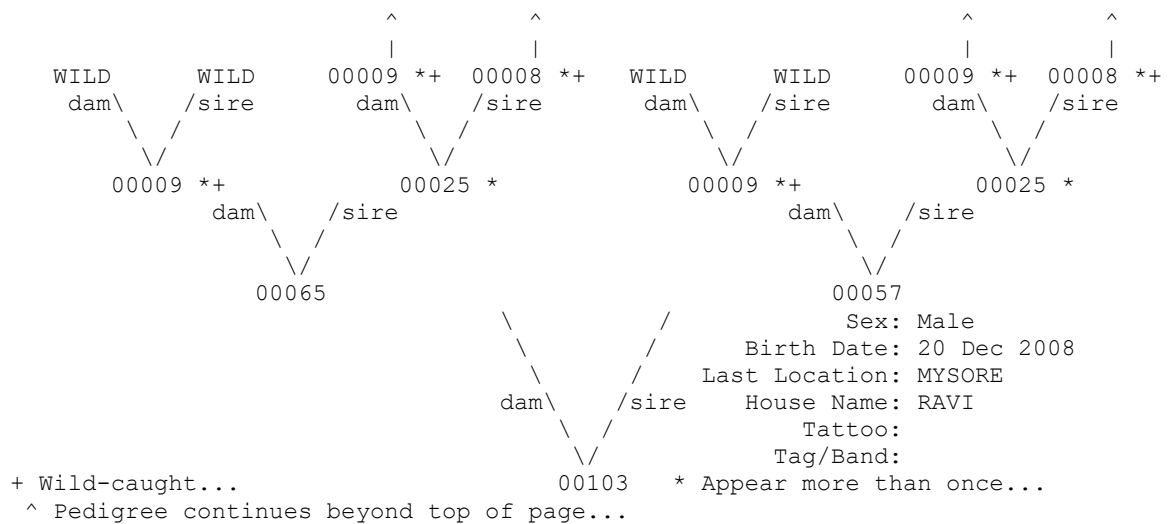
=====
 Taxon Name: BOS GAURUS Studbook Number: 00101
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 Taxon Name: BOS GAURUS Studbook Number: 00102
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 Taxon Name: BOS GAURUS Studbook Number: 00103
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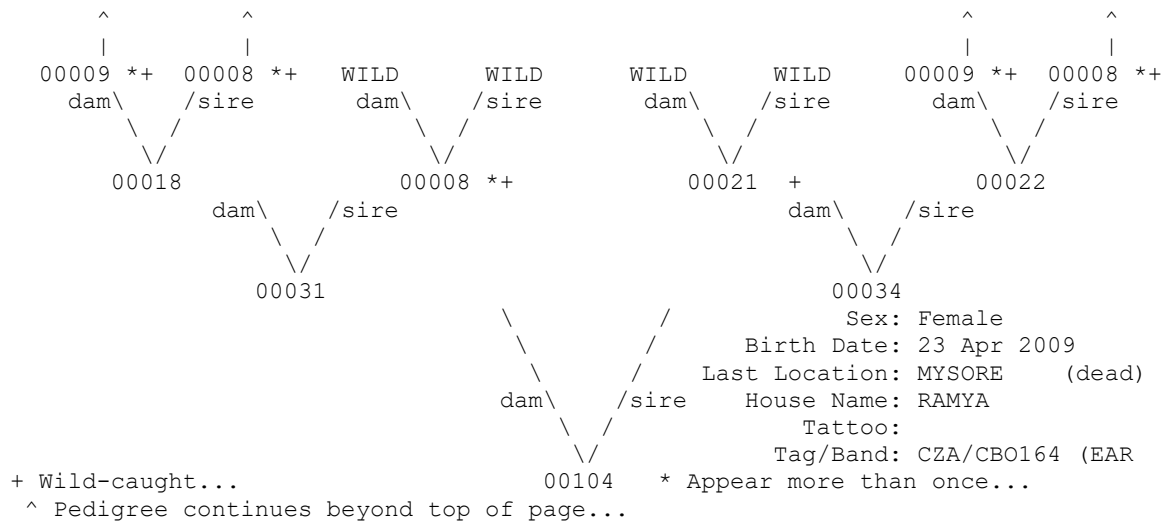


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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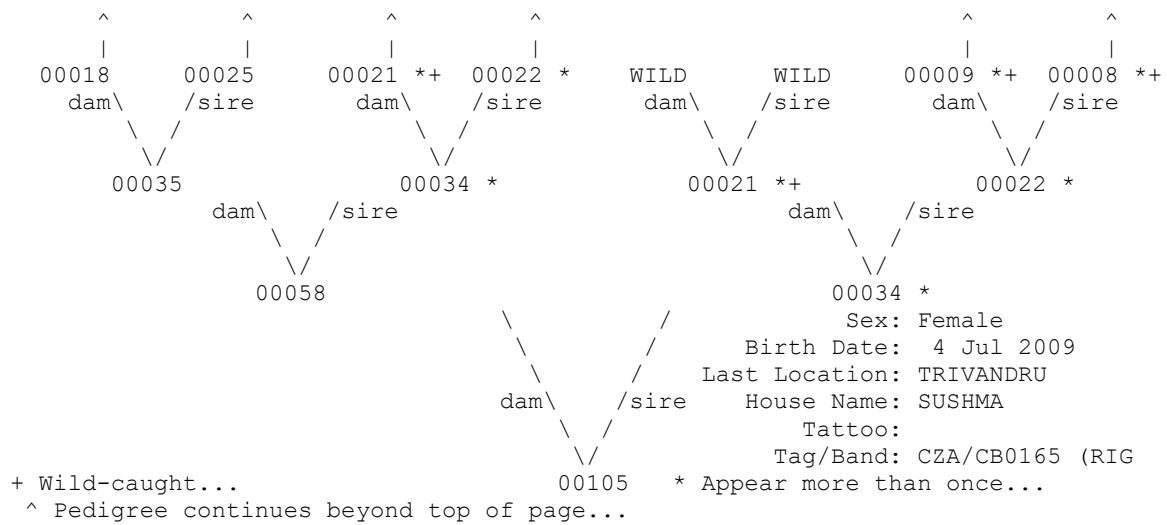
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Taxon Name: BOS GAURUS Studbook Number: 00105

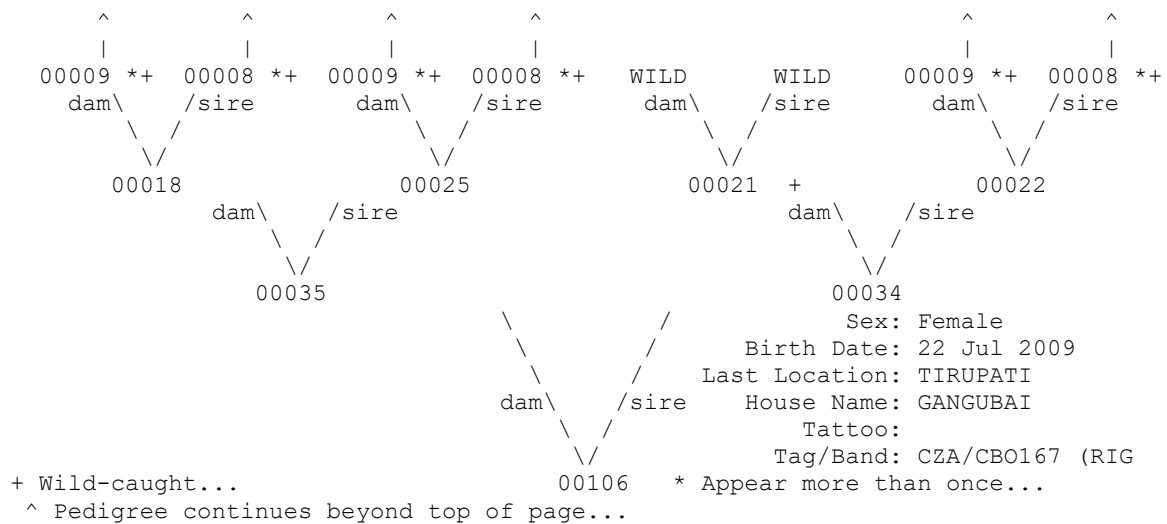
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Taxon Name: BOS GAURUS Studbook Number: 00106

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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Taxon Name: BOS GAURUS                      Studbook Number: 00107
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00008 *+  00009 *+  00008 *+  WILD  WILD  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
    \    /        \    /        \    /        \    /        \    /        \    /
    00026          00025          00021 +          00022
                        \    /          \    /          \    /
                        dam\    /sire    dam\    /sire    dam\    /sire
                          \    /          \    /          \    /
                          00036          00034
                                          Sex: Female
                                          Birth Date: 4 Aug 2009
                                          Last Location: TIRUPATI
                                          House Name: RAKSHA
                                          Tattoo:
                                          Tag/Band: CZA/CB0168 (RIG
+ Wild-caught...                               00107 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00108
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
WILD  WILD  00009 *+  00008 *+  WILD  WILD  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
    \    /        \    /        \    /        \    /        \    /        \    /
    00021 *+          00013 *          00021 *+          00013 *
                        \    /          \    /          \    /          \    /
                        dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
                          \    /          \    /          \    /          \    /
                          00074          00047
                                          Sex: Female
                                          Birth Date: 10 Aug 2009
                                          Last Location: BANNERGHA (dead)
                                          House Name: GAYATHRI
                                          Tattoo:
                                          Tag/Band:
+ Wild-caught...                               00108 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00109
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
WILD  WILD  WILD  WILD  00009 *+  00008 *+  00009 *+  00008 *+
  dam\    /sire  dam\    /sire  dam\    /sire  dam\    /sire  dam\    /sire  dam\    /sire
    \    /        \    /        \    /        \    /        \    /        \    /
    00009 *+          00008 *+          00026 *          00025
                        \    /          \    /          \    /          \    /
                        dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
                          \    /          \    /          \    /          \    /
                          00026 *          00051
                                          Sex: Male
                                          Birth Date: 22 Nov 2009
                                          Last Location: TIRUPATI
                                          House Name: NARASIMHA
                                          Tattoo:
                                          Tag/Band: CZA/CB0173 (RIG
+ Wild-caught...                               00109 * Appear more than once...
^ Pedigree continues beyond top of page...

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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Taxon Name: BOS GAURUS                               Studbook Number: 00110
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \      /      \      /      \      /      \      /      \      /      \      /
    00018 *    00025 *    00018 *    00025 *
      dam\    /sire
       \      /
        00073
                                     \      /
                                     dam\  /sire
                                       \    /
                                       00110 *
+ Wild-caught...
^ Pedigree continues beyond top of page...
=====

```

Sex: Male
 Birth Date: 2 Dec 2009
 Last Location: MYSORE
 House Name: MAHADEVA
 Tattoo:
 Tag/Band: CZA/CBO174 (LEF)

* Appear more than once...

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00111
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00026      00025 *  00021 +  00022      00009 *+  00008 *+  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \      /      \      /      \      /      \      /      \      /      \      /
    00036      00034      00018      00025 *
      dam\    /sire
       \      /
        00053
                                     \      /
                                     dam\  /sire
                                       \    /
                                       00111 *
+ Wild-caught...
^ Pedigree continues beyond top of page...
=====

```

Sex: Male
 Birth Date: 19 Dec 2009
 Last Location: MYSORE (dead)
 House Name: VENKI
 Tattoo:
 Tag/Band: CZA/CBO176 (LEF)

* Appear more than once...

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00112
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
WILD      WILD      WILD      WILD      WILD      WILD      00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \      /      \      /      \      /      \      /      \      /      \      /
    00009 *+  00008 *+  00009 *+  00025
      dam\    /sire
       \      /
        00018
                                     \      /
                                     dam\  /sire
                                       \    /
                                       00057
                                               Sex: Male
                                               Birth Date: 26 Dec 2009
                                               Last Location: TRIVANDRU
                                               House Name: PRUTHVI
                                               Tattoo:
                                               Tag/Band: CZA/CBO177 (LEF)
+ Wild-caught...
^ Pedigree continues beyond top of page...
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* Appear more than once...

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00113
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00008 *+  00009 *+  00008 *+  WILD  WILD  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
    \    /        \    /        \    /        \    /        \    /        \    /
    00018          00025 *          00009 *+          00025 *
                    dam\    /sire                    dam\    /sire
                      \    /                          \    /
                        00082                          00057
                                                    Sex: Male
                                                    Birth Date: 2 Feb 2010
                                                    Last Location: MYSORE (dead)
                                                    House Name: SHIVRAJ
                                                    Tattoo:
                                                    Tag/Band: CZA/CBO178 (LEF
+ Wild-caught...                                00113 * Appear more than once...
^ Pedigree continues beyond top of page...

```

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00114
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
WILD  WILD  00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
    \    /        \    /        \    /        \    /        \    /        \    /
    00009 *+          00025 *          00026          00025 *
                    dam\    /sire                    dam\    /sire
                      \    /                          \    /
                        00065                          00051
                                                    Sex: Male
                                                    Birth Date: 14 Feb 2010
                                                    Last Location: MYSORE (dead)
                                                    House Name: RAGHAVENDRA
                                                    Tattoo:
                                                    Tag/Band: CZA/CBO179 (RIG
+ Wild-caught...                                00114 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00115
=====
      WILD          WILD          WILD          WILD
      dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
        \    /        \    /        \    /        \    /
        00062 +          00028 +
                                Sex: Female
                                Birth Date: 25 Apr 2010
                                Last Location: MADRAS
                                House Name: CAUVERY
                                Tattoo:
                                Tag/Band:
+ Wild-caught...                                00115

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00116
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00018 *  00025 *  00021 +  00022 |  00009 *+  00008 *+  00009 *+  00008 *+
  dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire
    \   /       \   /       \   /       \   /       \   /       \   /       \   /
     00035     00034     00018 *     00025 *
      \   /       \   /
       dam\     /sire
          \   /
           00058
              \   /
               dam\ /sire
                   \   /
                    00116 *
+ Wild-caught...
^ Pedigree continues beyond top of page...
Sex: Female
Birth Date: 13 Jun 2010
Last Location: HYDERABAD
House Name: ANJALI
Tattoo:
Tag/Band:
=====

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00117
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00026   00025 *  00021 +  00022 |  00009 *+  00008 *+  00009 *+  00008 *+
  dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire
    \   /       \   /       \   /       \   /       \   /       \   /       \   /
     00036     00034     00018   00025 *
      \   /       \   /
       dam\     /sire
          \   /
           00053
              \   /
               dam\ /sire
                   \   /
                    00117 *
+ Wild-caught...
^ Pedigree continues beyond top of page...
Sex: Female
Birth Date: 6 Jul 2010
Last Location: HYDERABAD
House Name: ANITHA
Tattoo:
Tag/Band: CZA/CBO180 (RIG)
=====

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00118
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+
  dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire
    \   /       \   /       \   /       \   /       \   /       \   /       \   /
     00026     00025 *     00018   00025 *
      \   /       \   /
       dam\     /sire
          \   /
           00036
              \   /
               dam\ /sire
                   \   /
                    00118 *
+ Wild-caught...
^ Pedigree continues beyond top of page...
Sex: Male
Birth Date: 12 Aug 2010
Last Location: MYSORE (dead)
House Name: YATHISH
Tattoo:
Tag/Band:
=====

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00119

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      ^           ^
      |           |
00009 *+ 00025 WILD WILD
  dam\  /sire dam\  /sire
      \  /      \  /
      00037      00028 *+
           dam\  /sire           WILD WILD
           \  /                 dam\  /sire
           00078                 \  /
                                   00028 *+
                                   Sex: Male
                                   Birth Date: 12 Aug 2010
                                   Last Location: MADRAS (dead)
                                   House Name:
                                   Tattoo:
                                   Tag/Band:
+ Wild-caught... 00119 * Appear more than once...
^ Pedigree continues beyond top of page...
  
```

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Taxon Name: BOS GAURUS Studbook Number: 00120

=====

```

      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+ 00008 *+ 00009 *+ 00008 *+ 00009 *+ 00008 *+ 00009 *+ 00008 *+
  dam\  /sire dam\  /sire dam\  /sire dam\  /sire dam\  /sire dam\  /sire dam\  /sire
      \  /      \  /      \  /      \  /      \  /      \  /      \  /      \  /
      00018 *    00025 *    00018 *    00025 *    00018 *    00025 *
           dam\  /sire           dam\  /sire           dam\  /sire           dam\  /sire
           \  /                 \  /                 \  /                 \  /
           00035                 00055
                                   Sex: Female
                                   Birth Date: 17 Nov 2010
                                   Last Location: PATNA (dead)
                                   House Name: DARSHINI
                                   Tattoo:
                                   Tag/Band: CZA/CB0184 (RIG)
+ Wild-caught... 00120 * Appear more than once...
^ Pedigree continues beyond top of page...
  
```

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Taxon Name: BOS GAURUS Studbook Number: 00121

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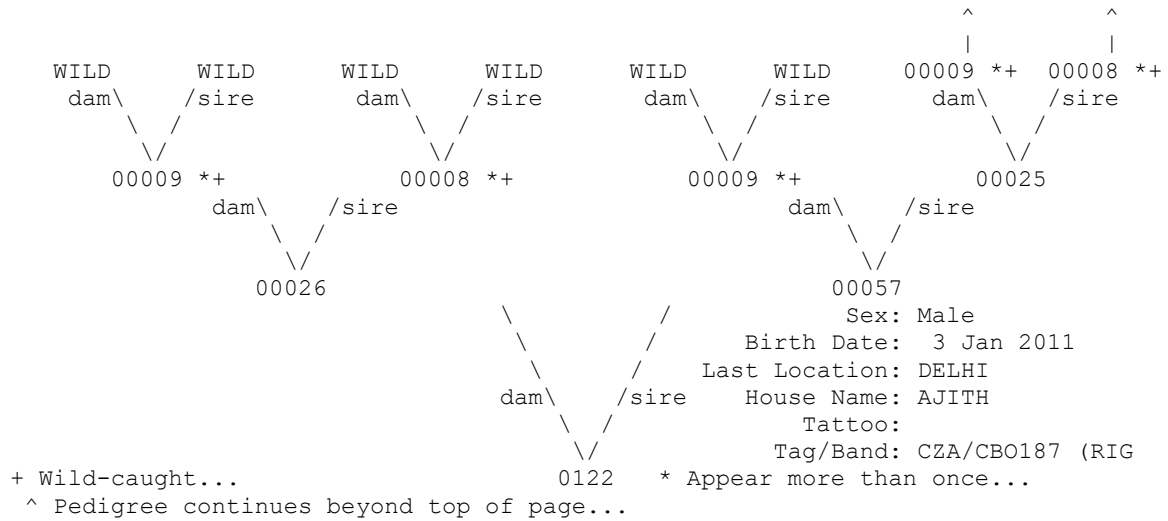
```

      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+ 00008 *+ 00009 *+ 00008 *+ WILD WILD 00009 *+ 00008 *+
  dam\  /sire dam\  /sire dam\  /sire dam\  /sire dam\  /sire dam\  /sire dam\  /sire
      \  /      \  /      \  /      \  /      \  /      \  /      \  /      \  /
      00018      00025 *    00009 *+    00025 *
           dam\  /sire           dam\  /sire           dam\  /sire           dam\  /sire
           \  /                 \  /                 \  /                 \  /
           00082                 00057
                                   Sex: Male
                                   Birth Date: 14 Dec 2010
                                   Last Location: MYSORE (dead)
                                   House Name: VISHNU
                                   Tattoo:
                                   Tag/Band: CZA/CB0185 (RIG)
+ Wild-caught... 00121 * Appear more than once...
^ Pedigree continues beyond top of page...
  
```

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

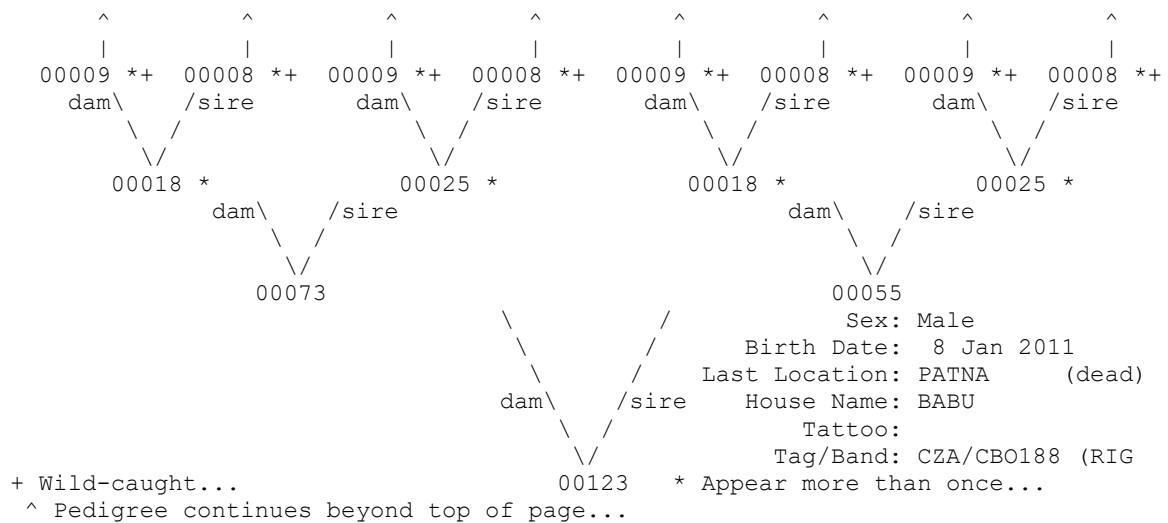
Taxon Name: BOS GAURUS

Studbook Number: 00122



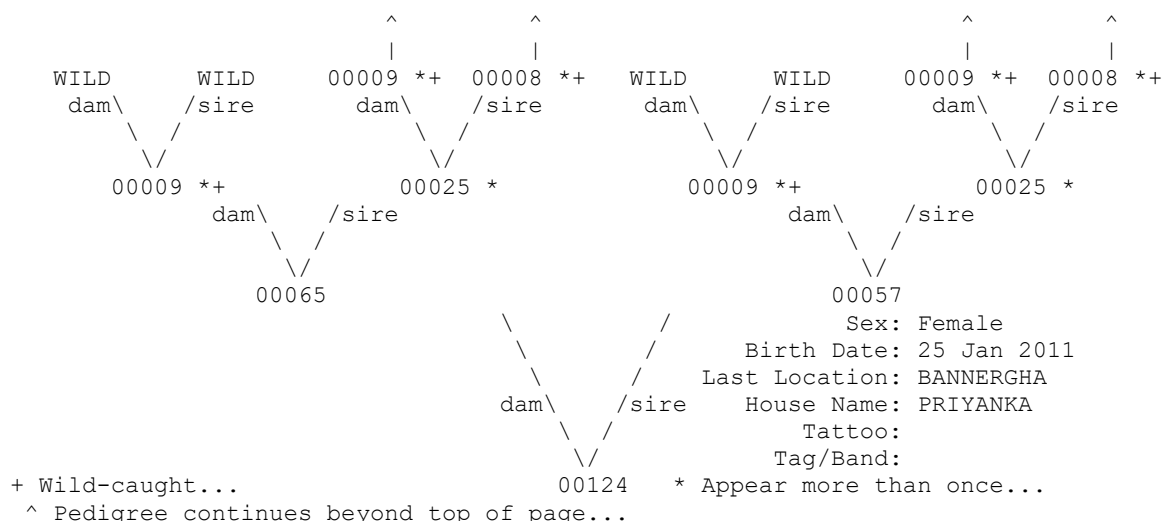
Taxon Name: BOS GAURUS

Studbook Number: 00123



Taxon Name: BOS GAURUS

Studbook Number: 00124



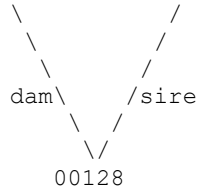
NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00128

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WILD



WILD

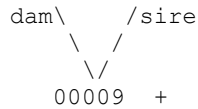
Sex: Female
 Birth Date: ~ 1996
 Last Location: MYSORE (dead)
 House Name: divya
 Tattoo:
 Tag/Band:

=====

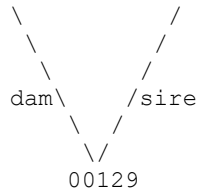
Taxon Name: BOS GAURUS Studbook Number: 00129

=====

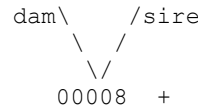
WILD



WILD



WILD



WILD

Sex: Female
 Birth Date: 27 Feb 1998
 Last Location: MYSORE (dead)
 House Name: swarna
 Tattoo:
 Tag/Band:

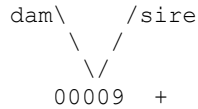
+ Wild-caught...

=====

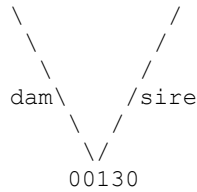
Taxon Name: BOS GAURUS Studbook Number: 00130

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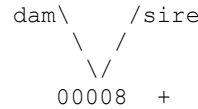
WILD



WILD



WILD



WILD

Sex: Female
 Birth Date: 8 Dec 1999
 Last Location: MYSORE (dead)
 House Name: muktha
 Tattoo:
 Tag/Band:

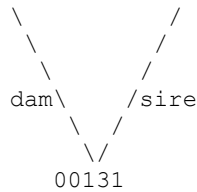
+ Wild-caught...

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Taxon Name: BOS GAURUS Studbook Number: 00131

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UNK

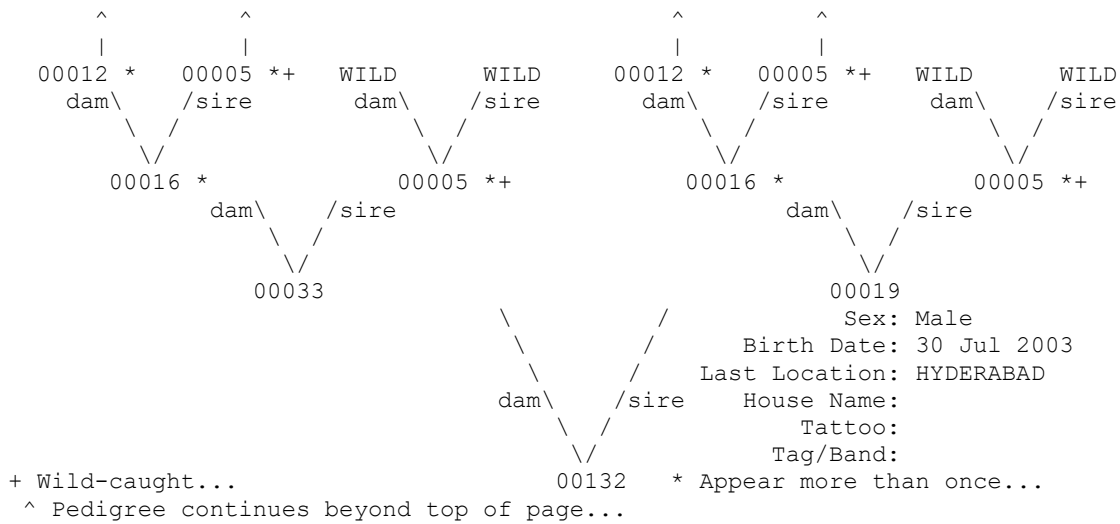


UNK

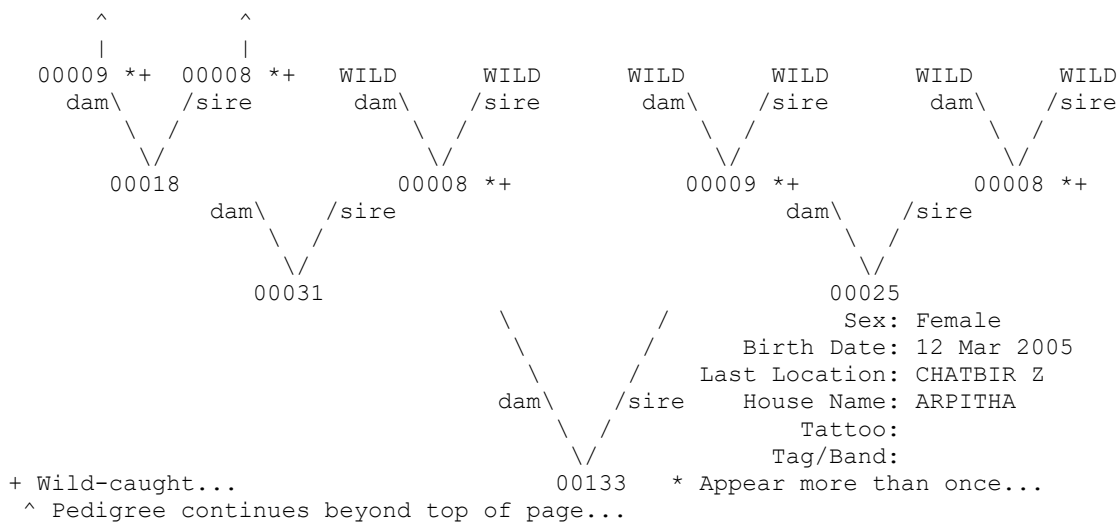
Sex: Male
 Birth Date: 14 Sep 2002
 Last Location: MADRAS (dead)
 House Name: Ajay
 Tattoo:
 Tag/Band:

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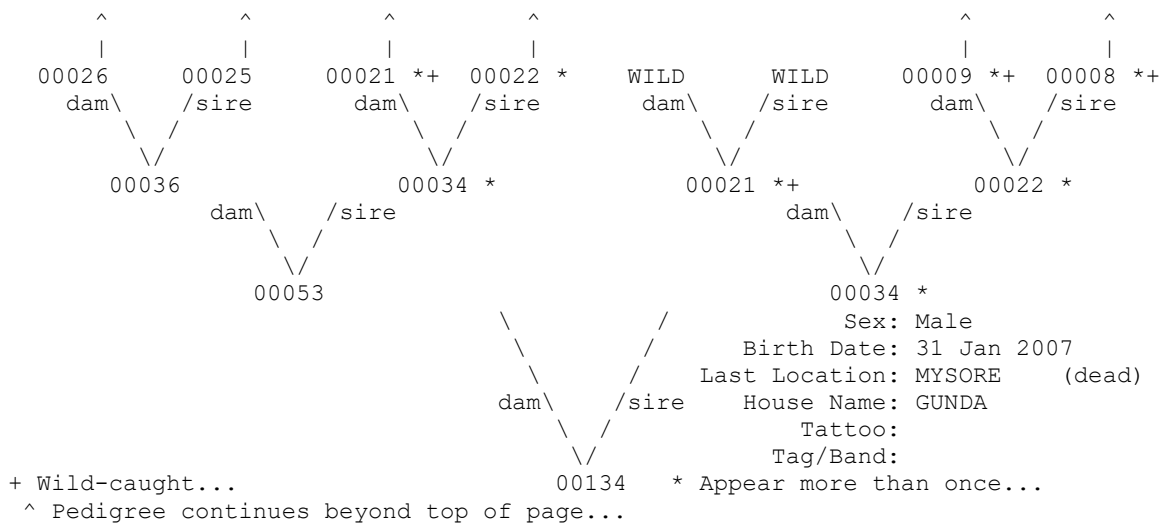
=====
 Taxon Name: BOS GAURUS Studbook Number: 00132
 =====



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 Taxon Name: BOS GAURUS Studbook Number: 00133
 =====



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 Taxon Name: BOS GAURUS Studbook Number: 00134
 =====



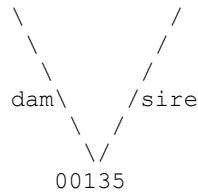
NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00135

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WILD

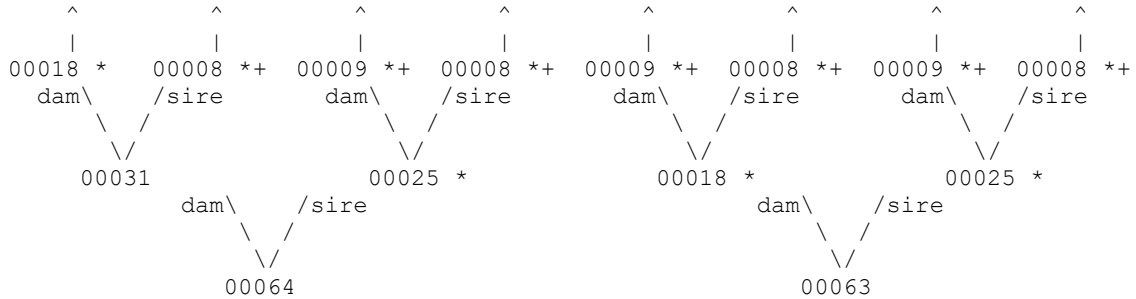


WILD
Sex: Male
Birth Date: ~ Jan 2009
Last Location: HYDERABAD (dead)
House Name: RAJVEER
Tattoo:
Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00136

=====



Sex: Male
Birth Date: 9 Jun 2009
Last Location: DELHI
House Name:
Tattoo:
Tag/Band:

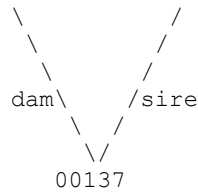
+ Wild-caught...
^ Pedigree continues beyond top of page...
00136 * Appear more than once...

=====

Taxon Name: BOS GAURUS Studbook Number: 00137

=====

UNK



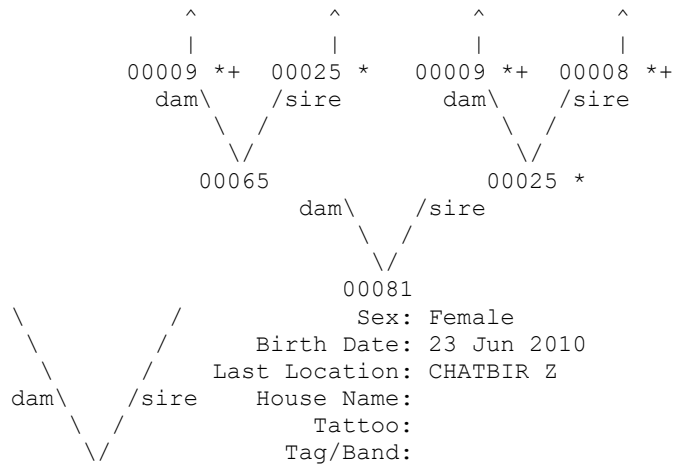
UNK
Sex: Male
Birth Date: 28 Feb 2010
Last Location: USGOWN
House Name: SAMSHER
Tattoo:
Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00138

=====

UNK



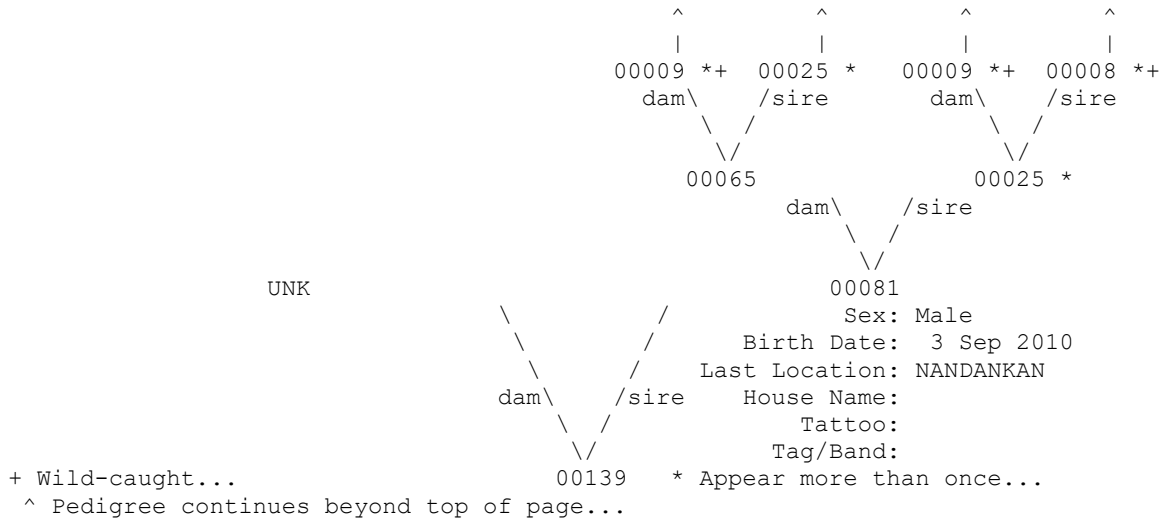
Sex: Female
Birth Date: 23 Jun 2010
Last Location: CHATBIR Z
House Name:
Tattoo:
Tag/Band:

+ Wild-caught...
^ Pedigree continues beyond top of page...
00138 * Appear more than once...

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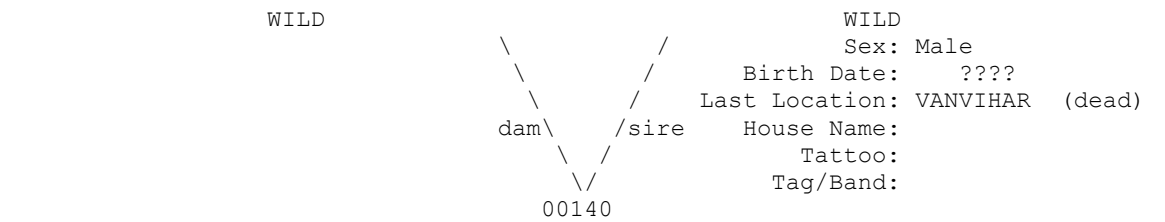
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00139
 =====



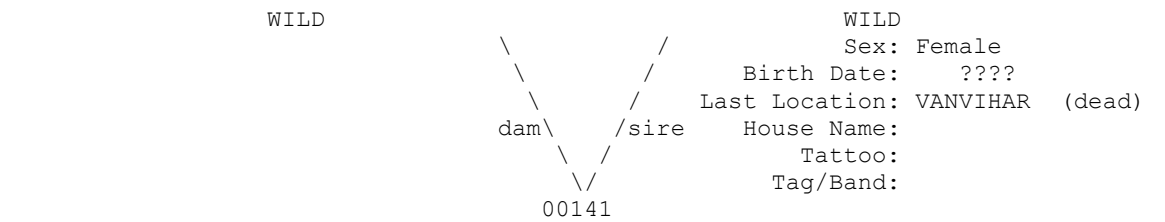
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00140
 =====



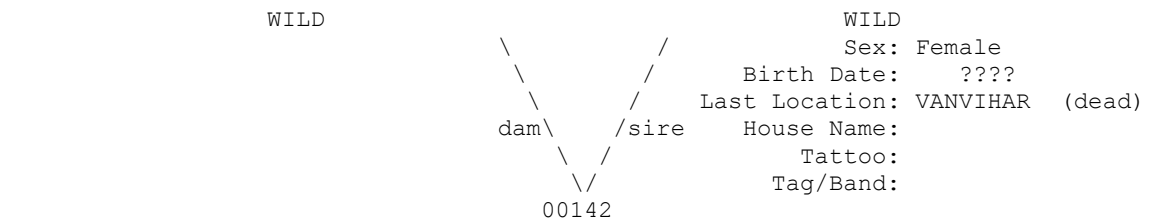
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00141
 =====



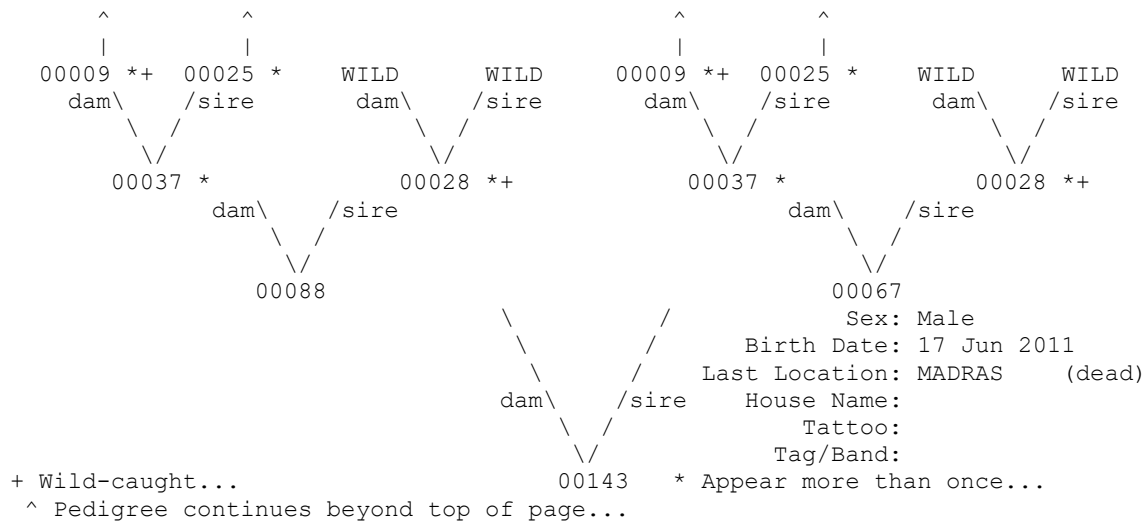
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00142
 =====

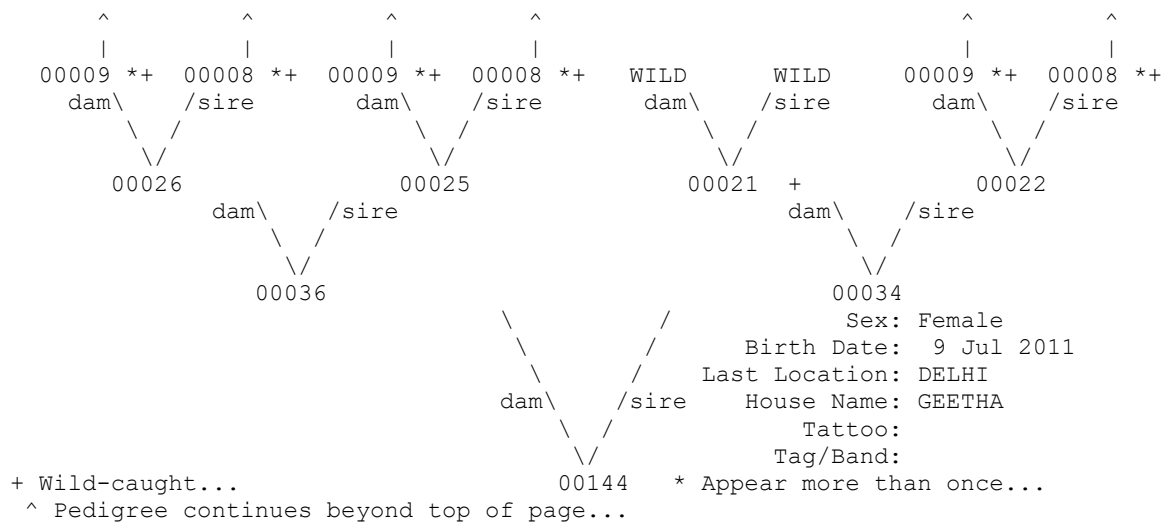


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

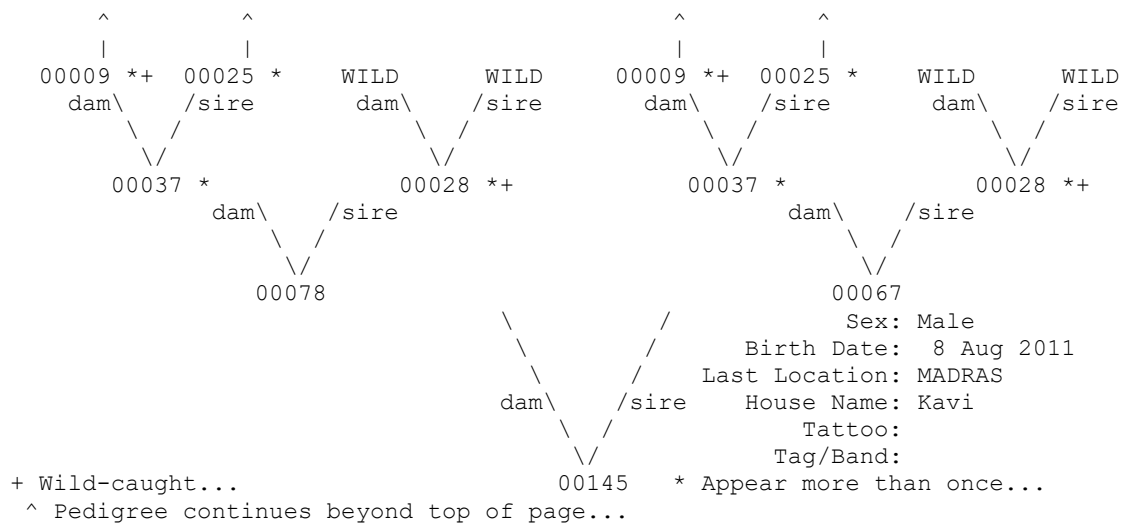
=====
 Taxon Name: BOS GAURUS Studbook Number: 00143
 =====



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 Taxon Name: BOS GAURUS Studbook Number: 00144
 =====



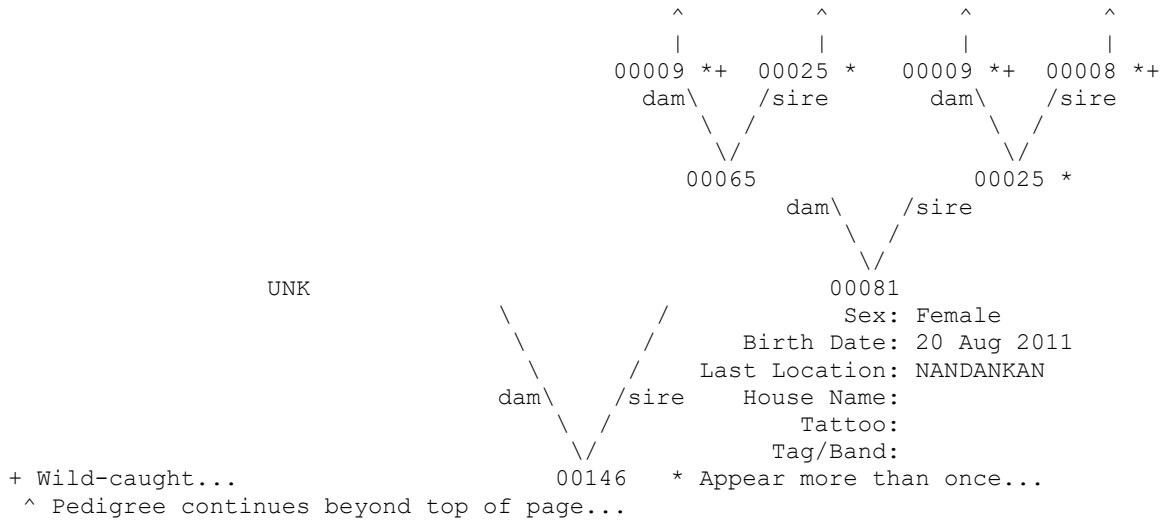
=====
 Taxon Name: BOS GAURUS Studbook Number: 00145
 =====



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

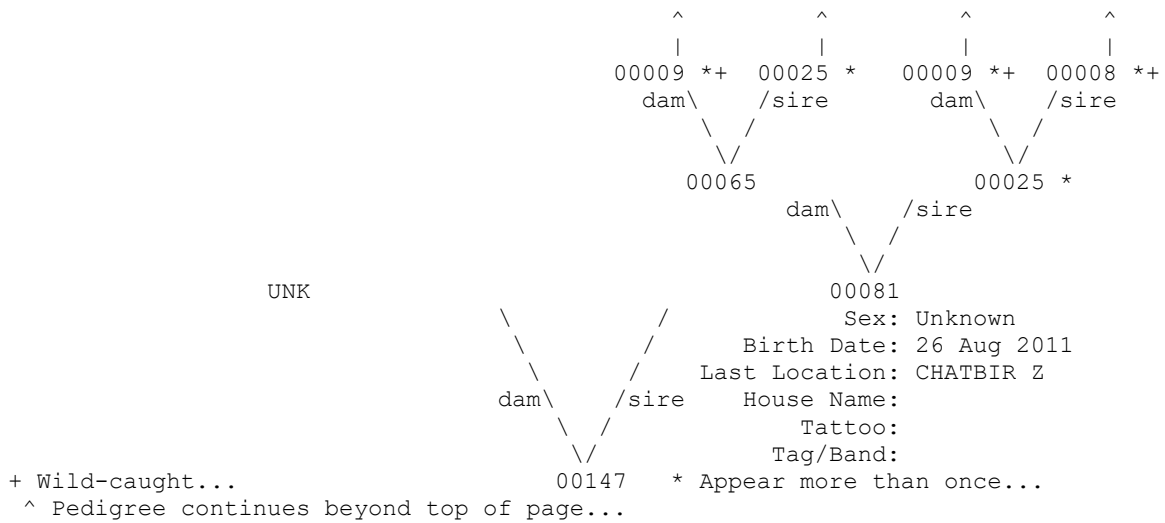
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00146
 =====



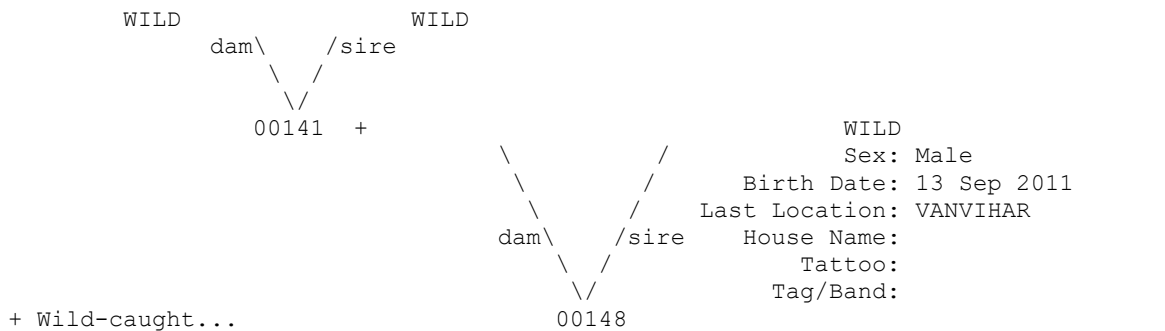
=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00147
 =====



=====
 Taxon Name: BOS GAURUS
 =====

Studbook Number: 00148
 =====

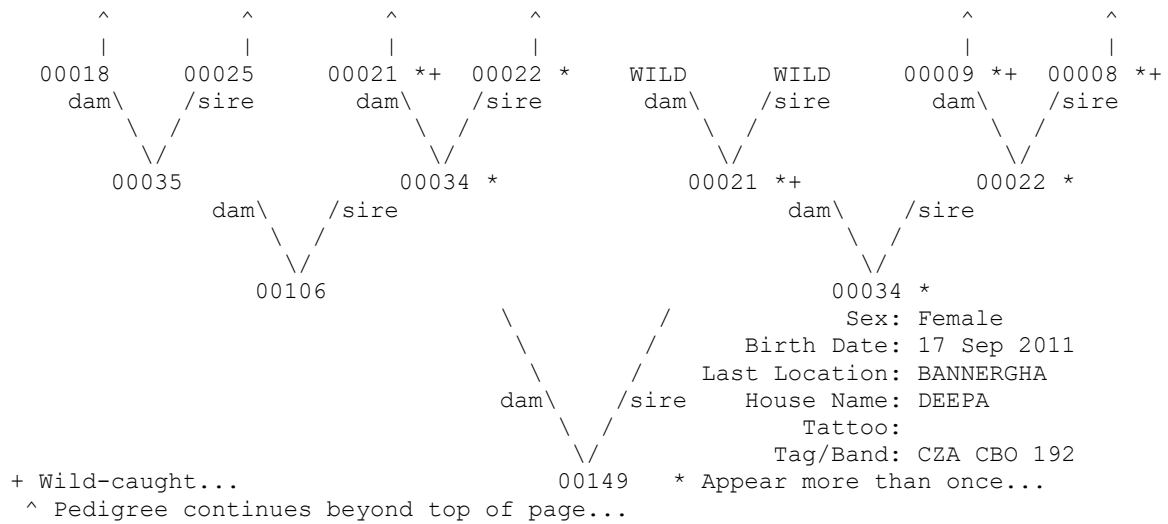


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00149

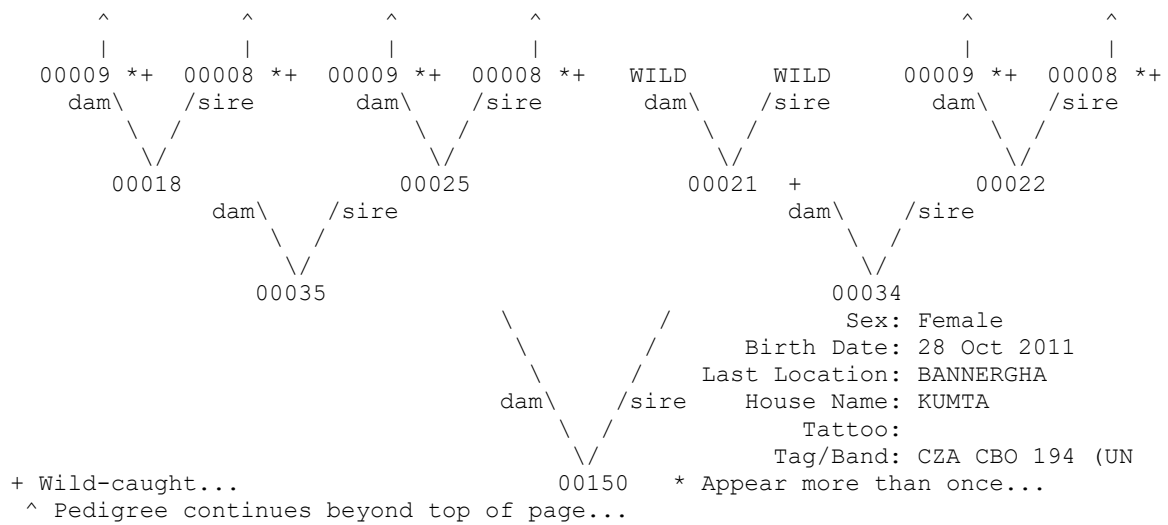
=====



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Taxon Name: BOS GAURUS Studbook Number: 00150

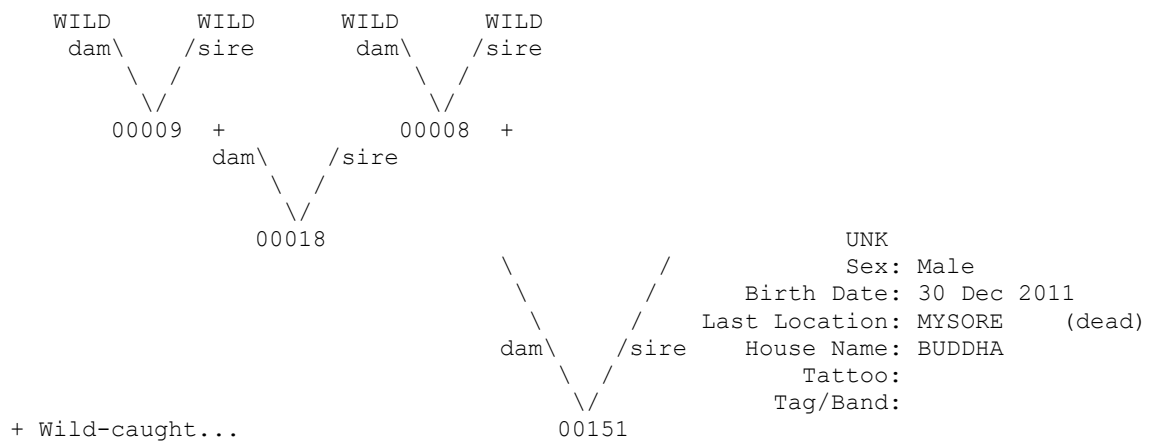
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Taxon Name: BOS GAURUS Studbook Number: 00151

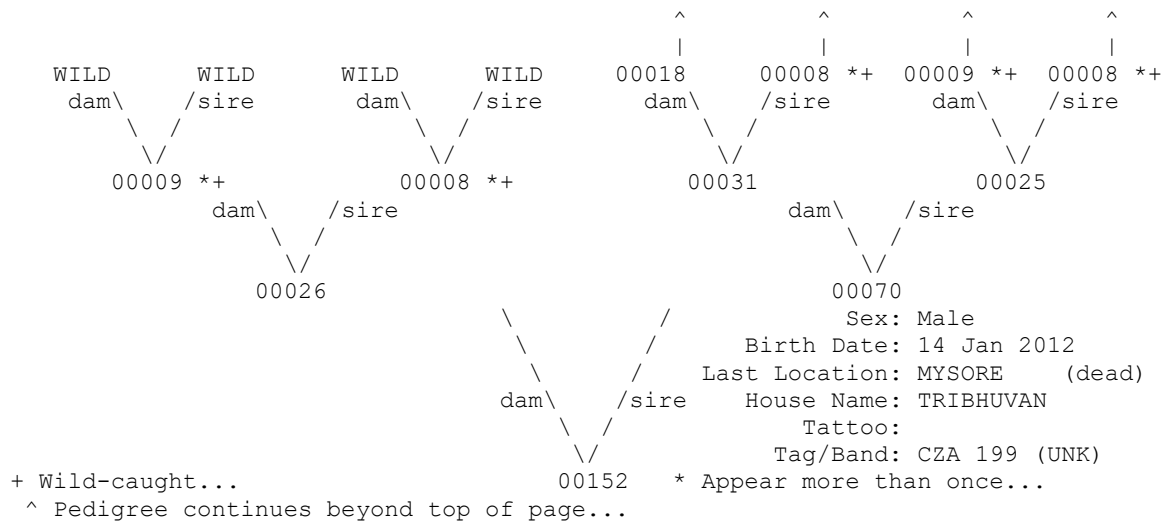
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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

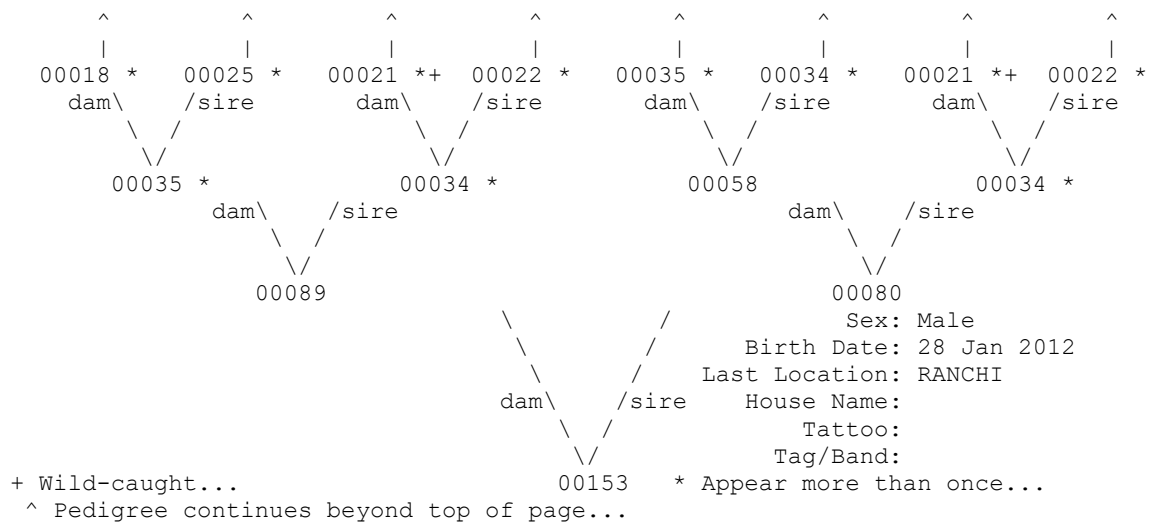
Taxon Name: BOS GAURUS

Studbook Number: 00152



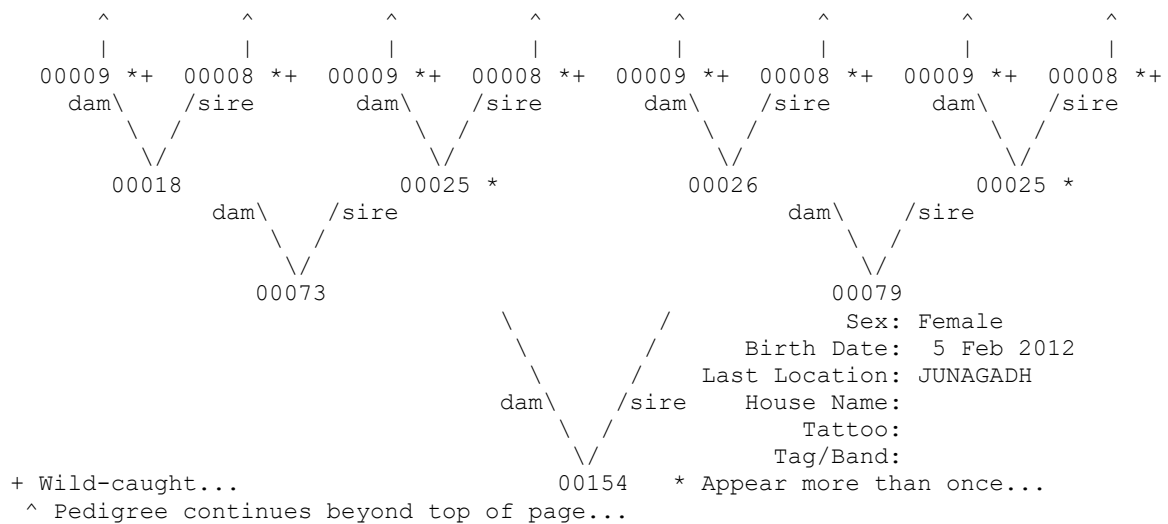
Taxon Name: BOS GAURUS

Studbook Number: 00153



Taxon Name: BOS GAURUS

Studbook Number: 00154

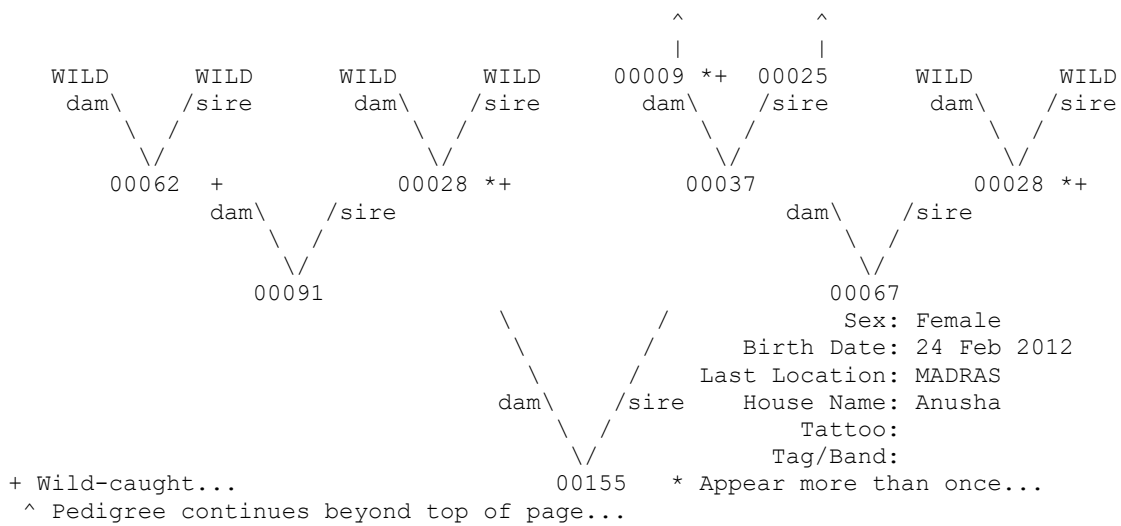


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00155

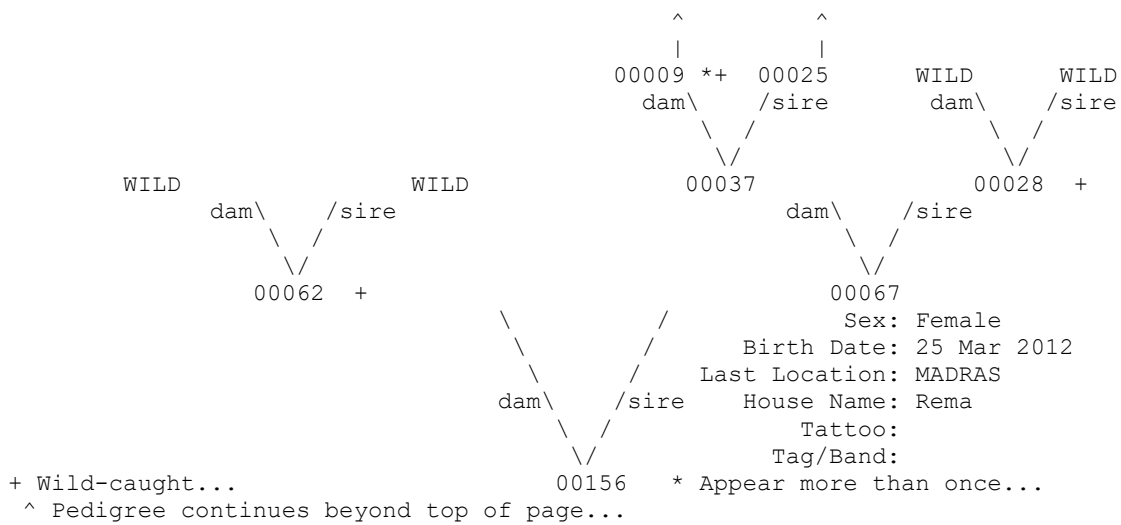
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Taxon Name: BOS GAURUS Studbook Number: 00156

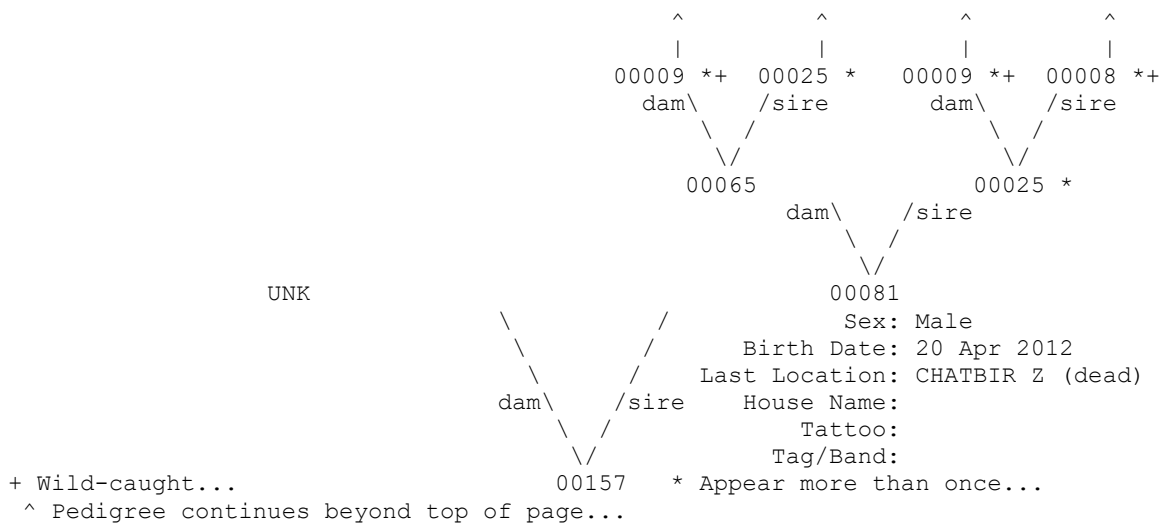
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Taxon Name: BOS GAURUS Studbook Number: 00157

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00158
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00026 * 00025 * 00021 + 00022  00009 *+ 00008 *+ 00009 *+ 00025 *
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /      \  /
    00036      00034      00026 *      00057
      \  /      \  /      \  /      \  /
      dam\    /sire  dam\    /sire
        \  /      \  /
        00092      00087
                    Sex: Male
                    Birth Date: 23 Apr 2012
                    Last Location: PUNE (dead)
                    House Name: SHAMBHU
                    Tattoo:
                    Tag/Band:
+ Wild-caught...                               00158 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00159
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
WILD    WILD    00009 *+ 00008 *+ 00009 *+ 00008 *+ 00009 *+ 00008 *+
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /      \  /
    00009 *+ 00025 *      00026      00025 *
      \  /      \  /      \  /      \  /
      dam\    /sire  dam\    /sire
        \  /      \  /
        00065      00051
                    Sex: Female
                    Birth Date: 29 Apr 2012
                    Last Location: MYSORE
                    House Name: VEENA
                    Tattoo:
                    Tag/Band: ETN 01200 (UNK)
+ Wild-caught...                               00159 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00160
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00018 * 00025 * 00021 + 00022  00009 *+ 00008 *+ 00009 *+ 00008 *+
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /      \  /
    00035      00034      00018 *      00025 *
      \  /      \  /      \  /      \  /
      dam\    /sire  dam\    /sire
        \  /      \  /
        00058      00055
                    Sex: Male
                    Birth Date: 7 May 2012
                    Last Location: MYSORE (dead)
                    House Name: PRABHU
                    Tattoo:
                    Tag/Band:
+ Wild-caught...                               00160 * Appear more than once...
^ Pedigree continues beyond top of page...

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

```

=====
Taxon Name: BOS GAURUS                      Studbook Number: 00161
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+  00009 *+  00008 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \    /         \    /         \    /         \    /         \    /         \    /
    00026         00025 *         00018         00025 *
      \    /         \    /         \    /         \    /
       dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
        \    /         \    /
         00036         00055
                       Sex: Male
                       Birth Date: 16 Jun 2012
                       Last Location: MYSORE
                       House Name: DHEERAJ
                       Tattoo:
                       Tag/Band:
+ Wild-caught...                               00161 * Appear more than once...
^ Pedigree continues beyond top of page...

```

```

=====
Taxon Name: BOS GAURUS                      Studbook Number: 00162
=====
      ^           ^           ^           ^
      |           |           |           |
00009 *+  00025 *  00009 *+  00008 *+
  dam\    /sire    dam\    /sire
   \    /         \    /
    00065         00025 *
      \    /         \    /
       dam\    /sire    dam\    /sire
        \    /         \    /
         UNK         00081
                       Sex: Unknown
                       Birth Date: 3 Aug 2012
                       Last Location: CHATBIR Z
                       House Name:
                       Tattoo:
                       Tag/Band:
+ Wild-caught...                               00162 * Appear more than once...
^ Pedigree continues beyond top of page...

```

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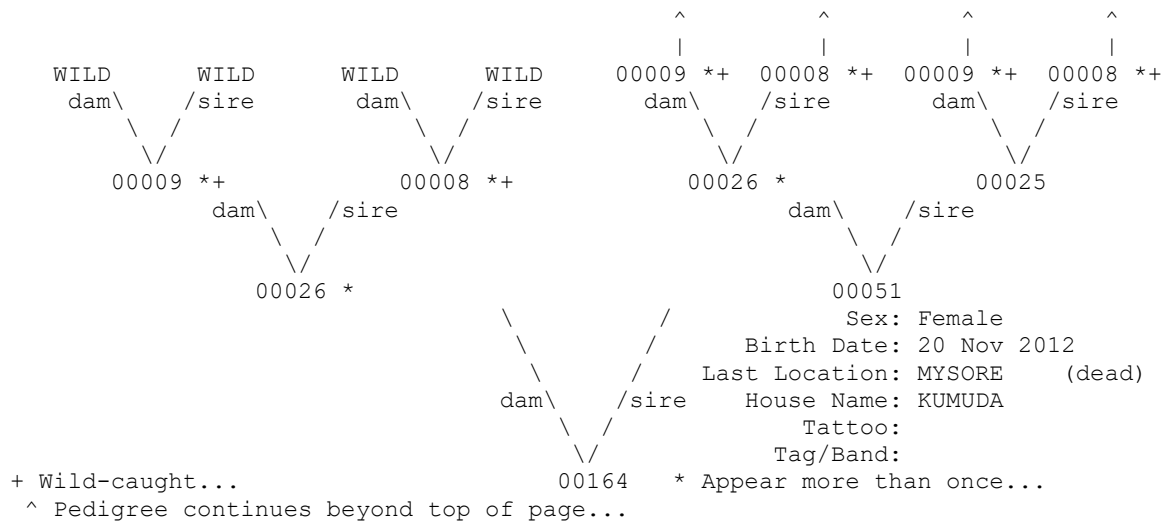
=====
Taxon Name: BOS GAURUS                      Studbook Number: 00163
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00025 *  WILD  WILD  00009 *+  00025 *  WILD  WILD
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \    /         \    /         \    /         \    /         \    /         \    /
    00037 *         00028 *+         00037 *         00028 *+
      \    /         \    /         \    /         \    /
       dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
        \    /         \    /         \    /         \    /
         00078         00067
                       Sex: Male
                       Birth Date: 24 Oct 2012
                       Last Location: MADRAS (dead)
                       House Name:
                       Tattoo:
                       Tag/Band:
+ Wild-caught...                               00163 * Appear more than once...
^ Pedigree continues beyond top of page...

```

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

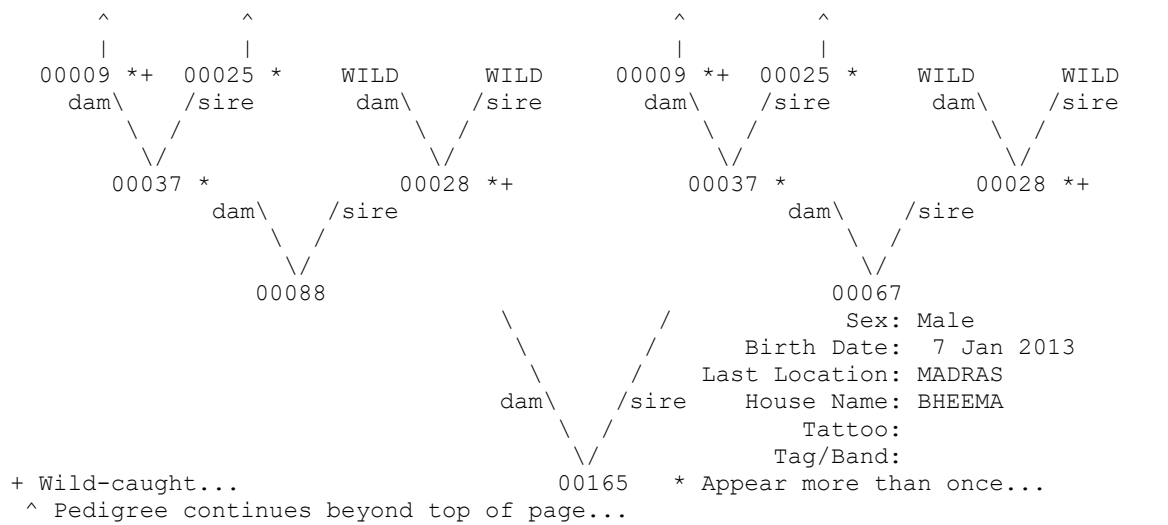
Taxon Name: BOS GAURUS

Studbook Number: 00164



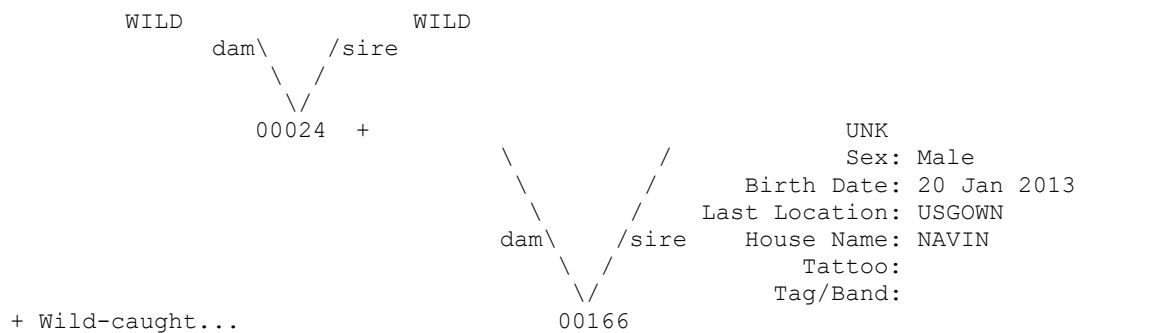
Taxon Name: BOS GAURUS

Studbook Number: 00165



Taxon Name: BOS GAURUS

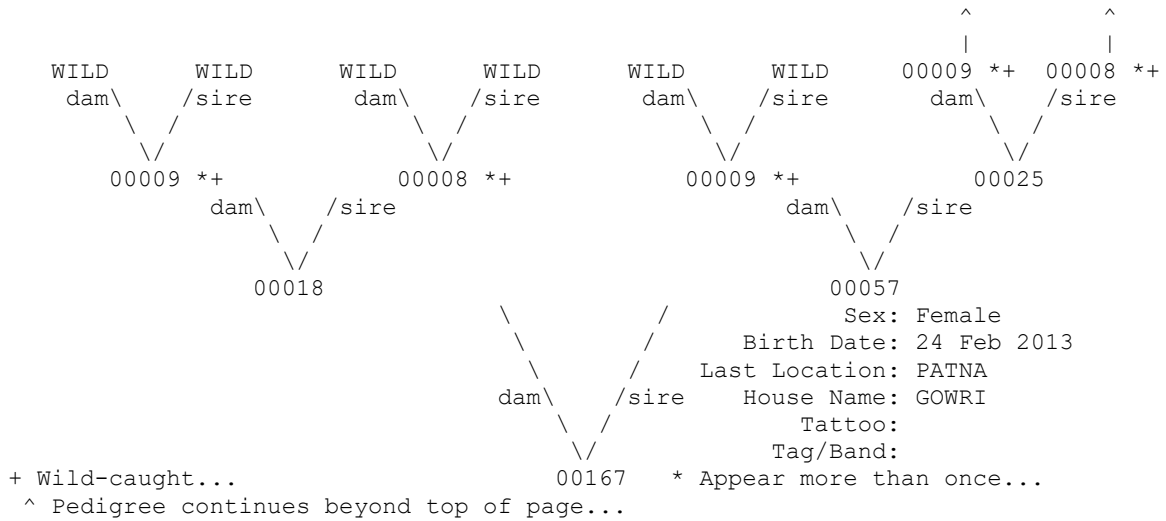
Studbook Number: 00166



NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

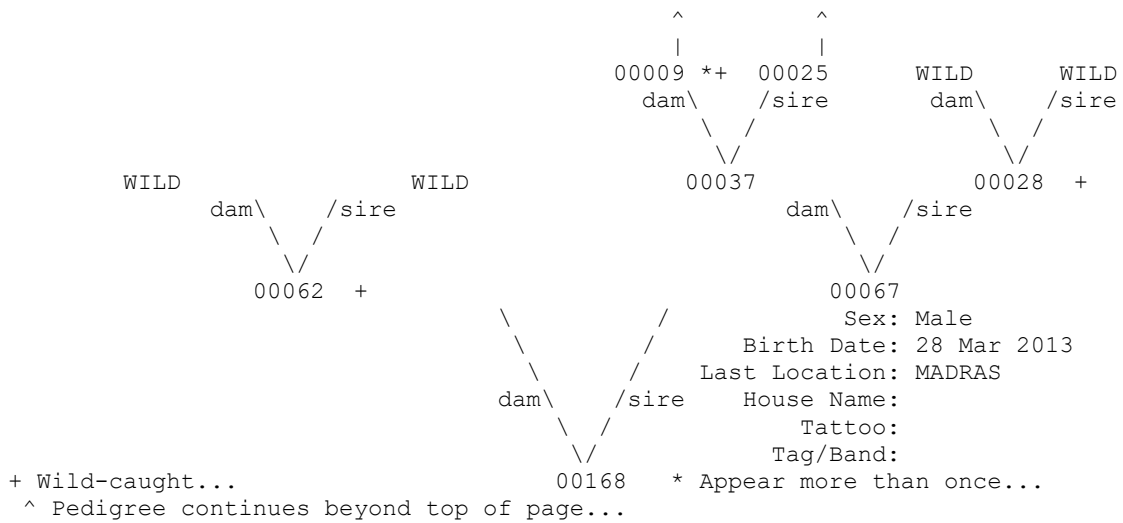
=====
Taxon Name: BOS GAURUS

Studbook Number: 00167
=====



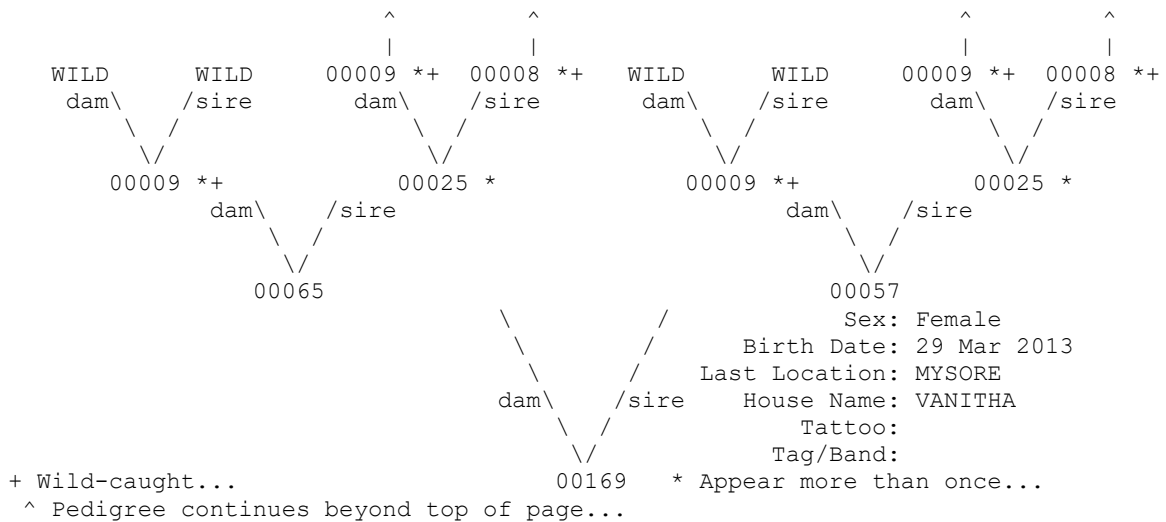
=====
Taxon Name: BOS GAURUS

Studbook Number: 00168
=====



=====
Taxon Name: BOS GAURUS

Studbook Number: 00169
=====

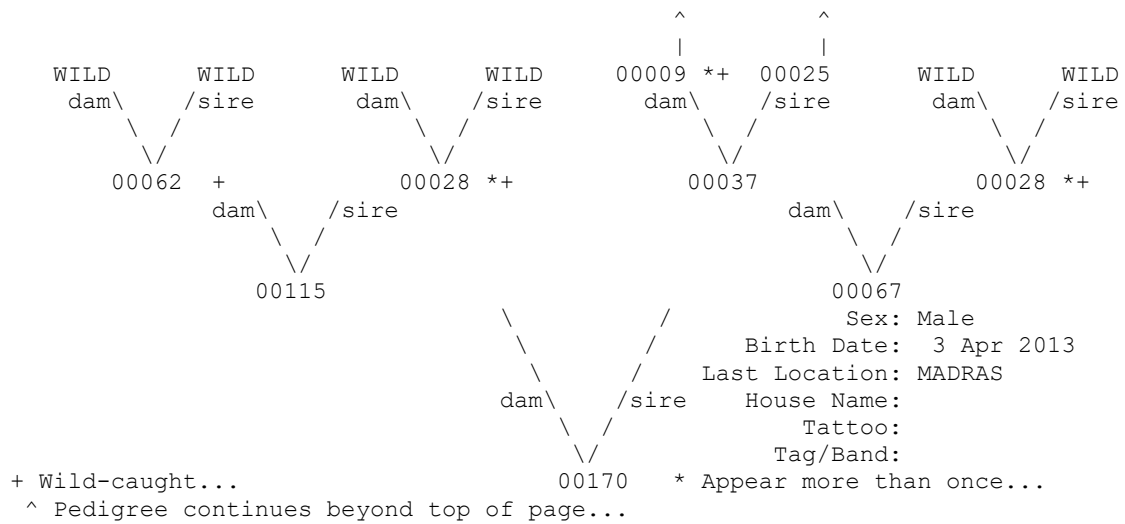


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00170

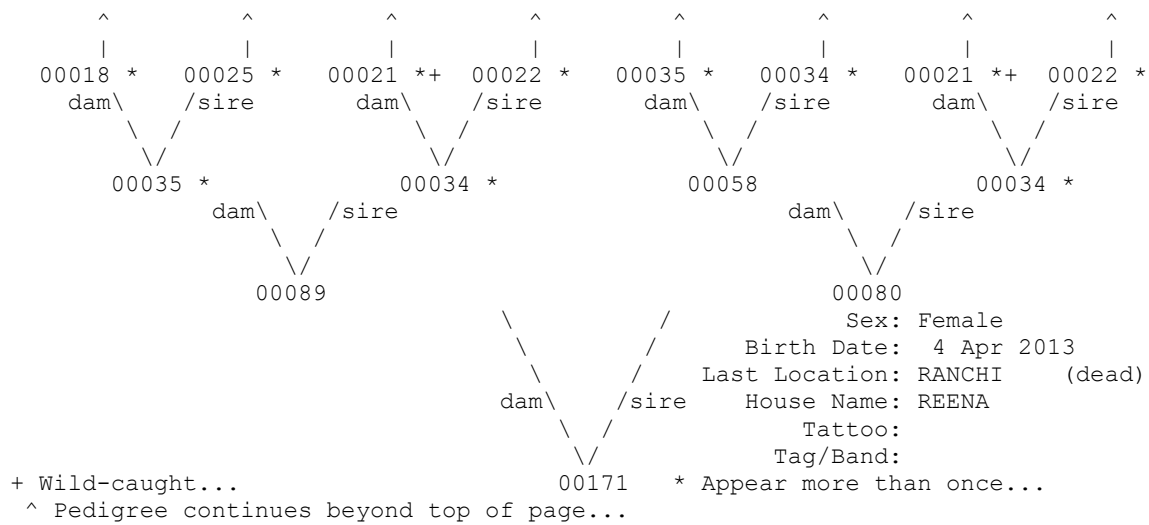
=====



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Taxon Name: BOS GAURUS Studbook Number: 00171

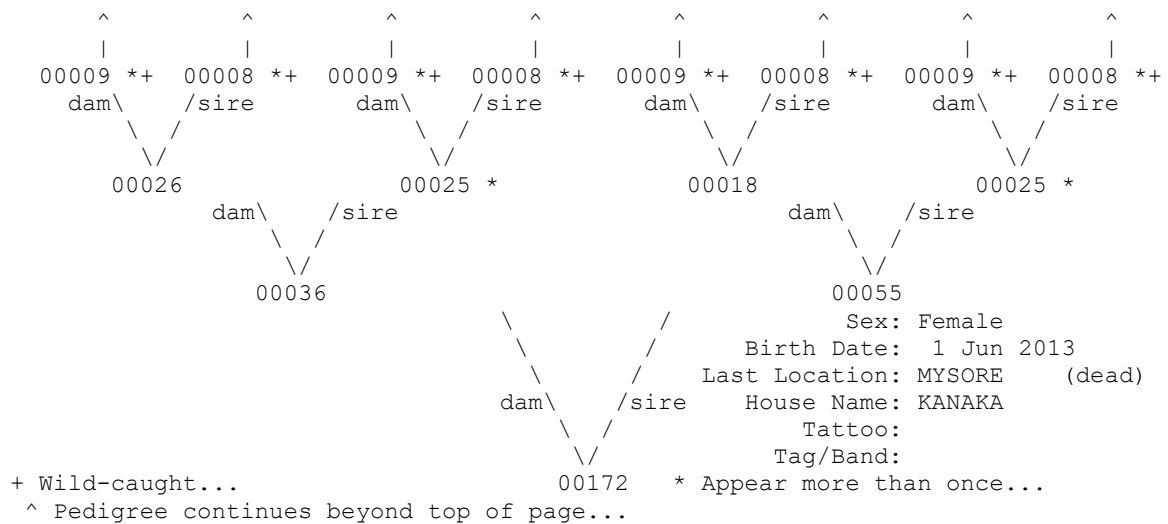
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Taxon Name: BOS GAURUS Studbook Number: 00172

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

Taxon Name: BOS GAURUS

Studbook Number: 00173

UNK

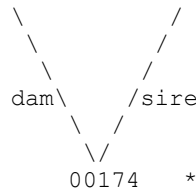
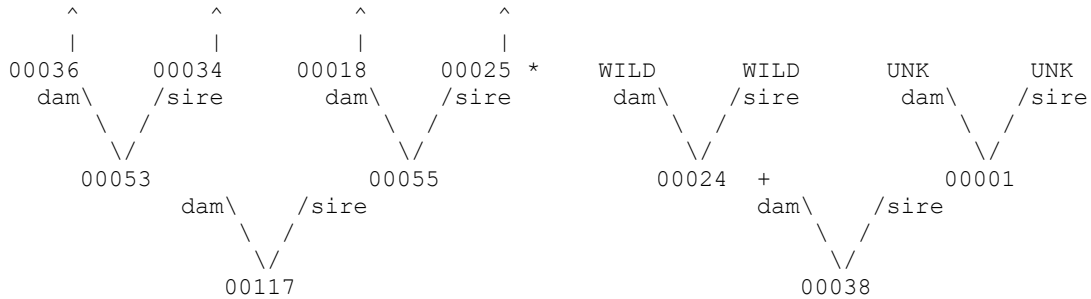
UNK



Sex: Female
 Birth Date: 13 Sep 2013
 Last Location: MYSORE
 House Name: SUREKHA
 Tattoo:
 Tag/Band:

Taxon Name: BOS GAURUS

Studbook Number: 00174



Sex: Female
 Birth Date: 21 Sep 2013
 Last Location: HYDERABAD
 House Name: Geetha
 Tattoo:
 Tag/Band:

+ Wild-caught...

^ Pedigree continues beyond top of page...

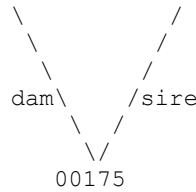
* Appear more than once...

Taxon Name: BOS GAURUS

Studbook Number: 00175

UNK

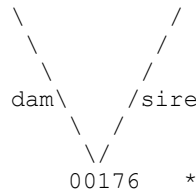
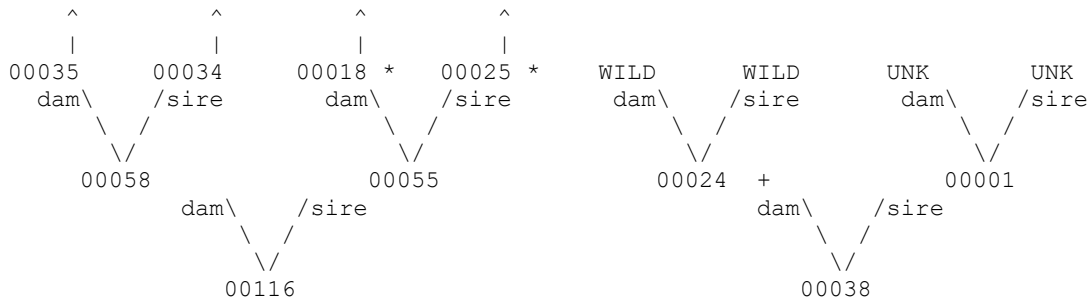
UNK



Sex: Female
 Birth Date: 12 Oct 2013
 Last Location: MYSORE (dead)
 House Name:
 Tattoo:
 Tag/Band:

Taxon Name: BOS GAURUS

Studbook Number: 00176



Sex: Female
 Birth Date: 7 Nov 2013
 Last Location: BILASPUR
 House Name: SITA
 Tattoo:
 Tag/Band:

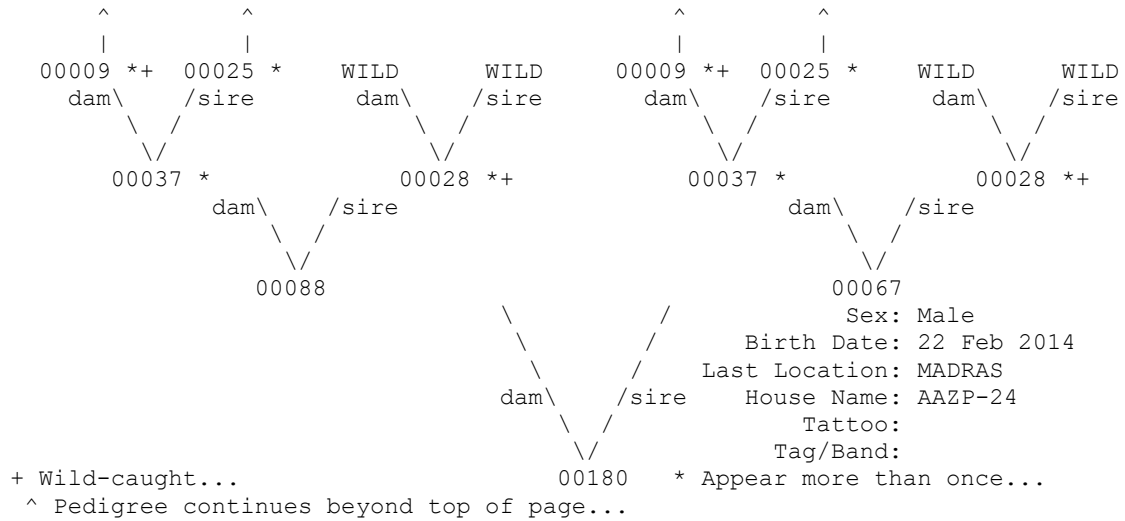
+ Wild-caught...

^ Pedigree continues beyond top of page...

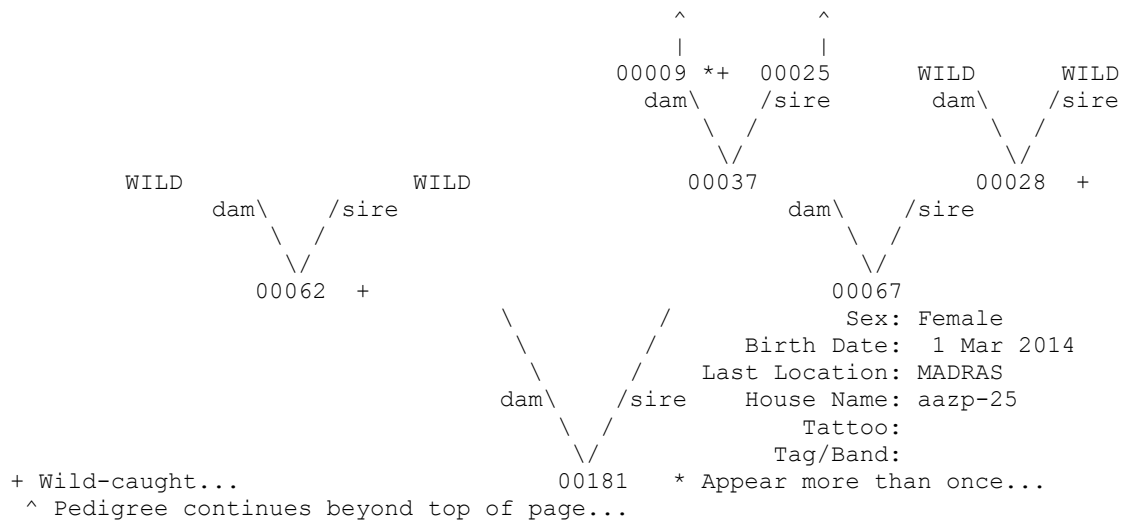
* Appear more than once...

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

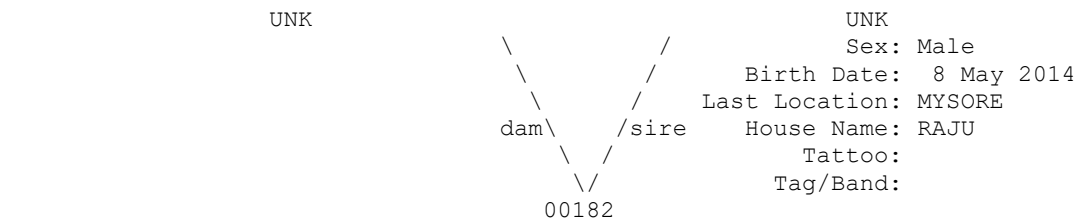
=====
 Taxon Name: BOS GAURUS Studbook Number: 00180
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00181
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00182
 =====

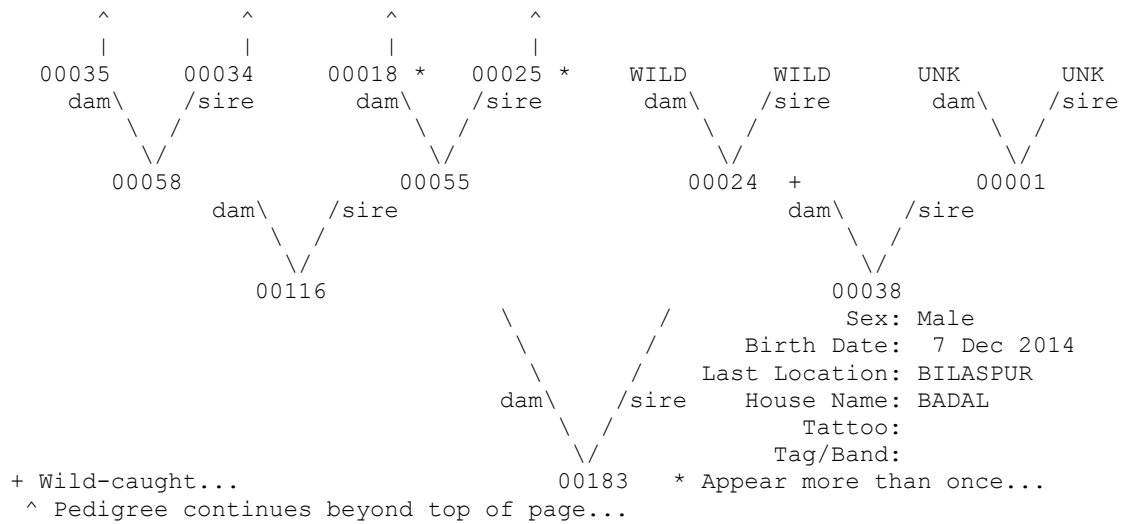


NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00183

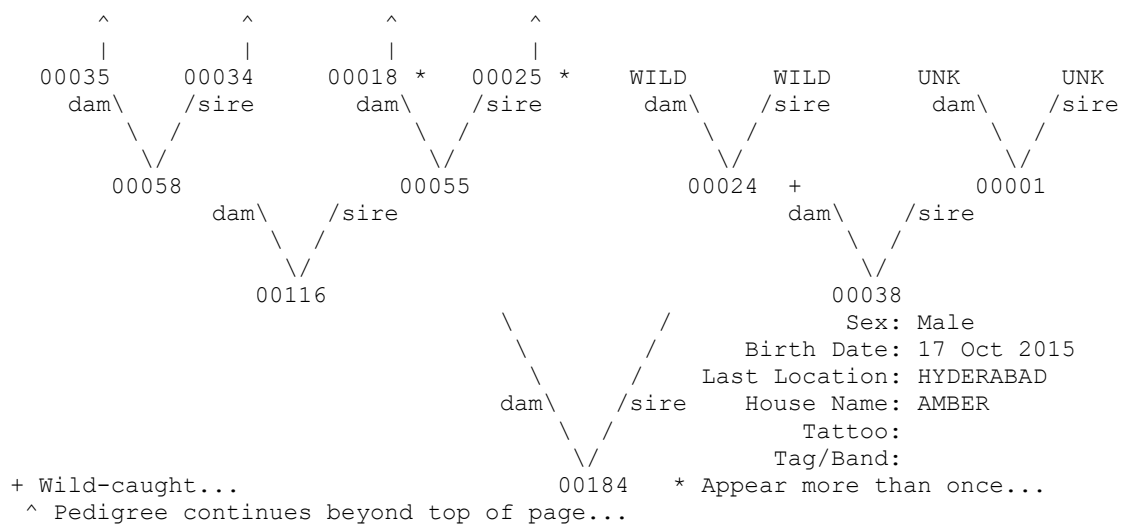
=====



=====

Taxon Name: BOS GAURUS Studbook Number: 00184

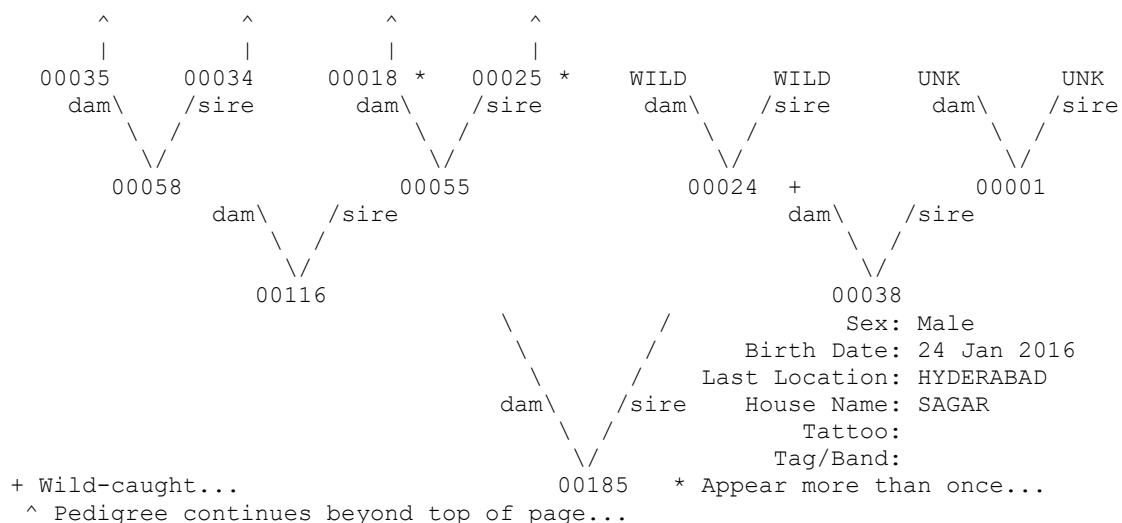
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Taxon Name: BOS GAURUS Studbook Number: 00185

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) - III EDITION

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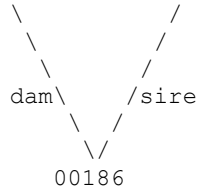
Taxon Name: BOS GAURUS

Studbook Number: 00186

=====

WILD

WILD



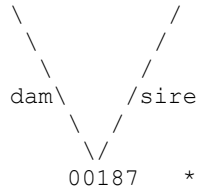
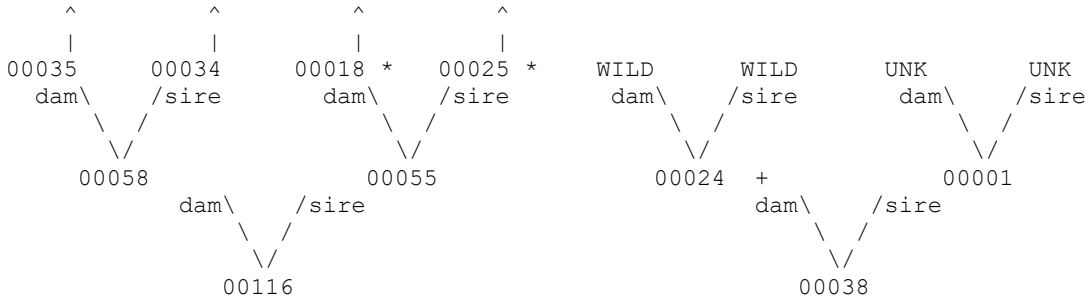
Sex: Male
 Birth Date: ????
 Last Location: HYDERABAD (dead)
 House Name:
 Tattoo:
 Tag/Band:

=====

Taxon Name: BOS GAURUS

Studbook Number: 00187

=====



Sex: Male
 Birth Date: 3 Oct 2016
 Last Location: HYDERABAD
 House Name:
 Tattoo:
 Tag/Band:

+ Wild-caught...

^ Pedigree continues beyond top of page...

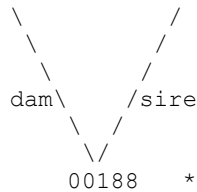
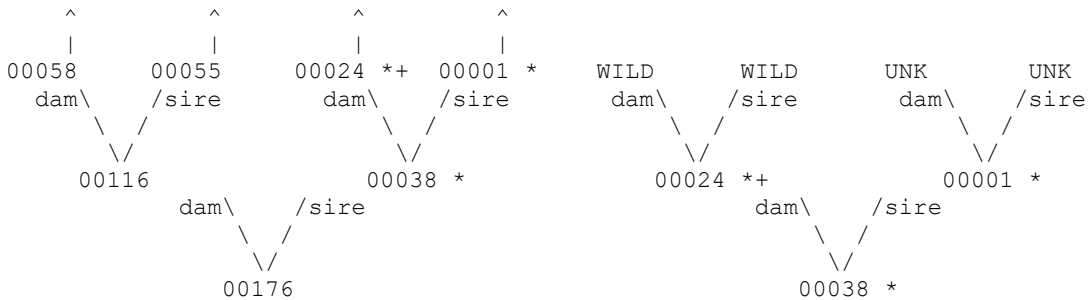
* Appear more than once...

=====

Taxon Name: BOS GAURUS

Studbook Number: 00188

=====



Sex: Female
 Birth Date: 29 Dec 2016
 Last Location: HYDERABAD
 House Name:
 Tattoo:
 Tag/Band:

+ Wild-caught...

^ Pedigree continues beyond top of page...

* Appear more than once...

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00189
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00018 * 00025 * 00021 *+ 00022 * 00035 * 00034 * 00021 *+ 00022 *
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /
   00035 *    00034 *    00058    00034 *
    dam\  /sire  dam\  /sire
      \  /      \  /
     00089      00080
                    Sex: Male
                    Birth Date: 7 Apr 2014
                    Last Location: RANCHI (dead)
                    House Name: AKASH
                    Tattoo:
                    Tag/Band:
+ Wild-caught...                               00189 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00190
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00018 * 00025 * 00021 *+ 00022 * 00035 * 00034 * 00021 *+ 00022 *
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /
   00035 *    00034 *    00058    00034 *
    dam\  /sire  dam\  /sire
      \  /      \  /
     00089      00080
                    Sex: Male
                    Birth Date: 10 Apr 2015
                    Last Location: RANCHI
                    House Name: ROHAN
                    Tattoo:
                    Tag/Band:
+ Wild-caught...                               00190 * Appear more than once...
^ Pedigree continues beyond top of page...

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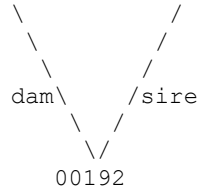
=====
Taxon Name: BOS GAURUS                      Studbook Number: 00191
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00018 * 00025 * 00021 *+ 00022 * 00035 * 00034 * 00021 *+ 00022 *
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /
   00035 *    00034 *    00058    00034 *
    dam\  /sire  dam\  /sire
      \  /      \  /
     00089      00080
                    Sex: Male
                    Birth Date: 25 Apr 2016
                    Last Location: RANCHI
                    House Name: MAHESH
                    Tattoo:
                    Tag/Band:
+ Wild-caught...                               00191 * Appear more than once...
^ Pedigree continues beyond top of page...

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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

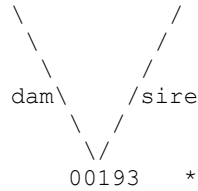
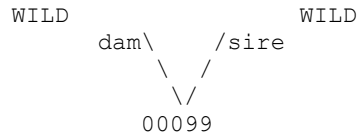
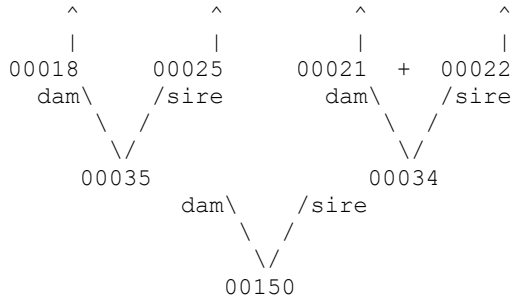
=====
 Taxon Name: BOS GAURUS Studbook Number: 00192
 =====

UNK



UNK
 Sex: Male
 Birth Date: 2 Feb 2007
 Last Location: BANNERGHA
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: BOS GAURUS Studbook Number: 00193
 =====



Sex: Male
 Birth Date: 24 May 2017
 Last Location: BANNERGHA
 House Name: KUMTA CALF
 Tattoo:
 Tag/Band:

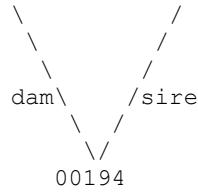
+ Wild-caught...

^ Pedigree continues beyond top of page...

* Appear more than once...

=====
 Taxon Name: BOS GAURUS Studbook Number: 00194
 =====

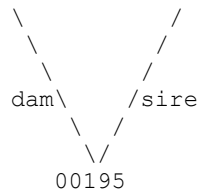
UNK



UNK
 Sex: Male
 Birth Date: 26 Sep 2014
 Last Location: MYSORE
 House Name: OMKARA
 Tattoo:
 Tag/Band: YELLOW COLOR (O

=====
 Taxon Name: BOS GAURUS Studbook Number: 00195
 =====

UNK



UNK
 Sex: Female
 Birth Date: 28 Sep 2014
 Last Location: MYSORE
 House Name: SURABHI
 Tattoo:
 Tag/Band:

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00196
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 29 Oct 2014
                                                    Last Location: MYSORE (dead)
                                                    House Name: AMALA
                                                    Tattoo:
                                                    Tag/Band:

    \      /
    \      /
   dam \  /sire
        \ /
         V
        00196
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00197
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 17 Nov 2014
                                                    Last Location: MYSORE
                                                    House Name: MURALI
                                                    Tattoo:
                                                    Tag/Band: REDSCZG001 (EAR)

    \      /
    \      /
   dam \  /sire
        \ /
         V
        00197
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00198
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 30 Jul 2015
                                                    Last Location: MYSORE
                                                    House Name: DAMAYANTHI
                                                    Tattoo:
                                                    Tag/Band: ORANGE0405 (EAR)

    \      /
    \      /
   dam \  /sire
        \ /
         V
        00198
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00199
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 8 Mar 2014
                                                    Last Location: MYSORE (dead)
                                                    House Name: KAMAL
                                                    Tattoo:
                                                    Tag/Band:

    \      /
    \      /
   dam \  /sire
        \ /
         V
        00199
  
```

```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00200
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 9 Mar 2015
                                                    Last Location: MYSORE
                                                    House Name: PAVANI
                                                    Tattoo:
                                                    Tag/Band: WHITESCZG0501 (

    \      /
    \      /
   dam \  /sire
        \ /
         V
        00200
  
```

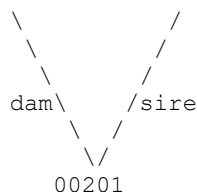
NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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Taxon Name: BOS GAURUS Studbook Number: 00201

=====

UNK



UNK

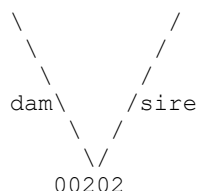
Sex: Male
 Birth Date: 23 Sep 2015
 Last Location: MYSORE
 House Name: SUMANTH
 Tattoo:
 Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00202

=====

UNK



UNK

Sex: Male
 Birth Date: 17 Nov 2015
 Last Location: MYSORE
 House Name: JAGGU
 Tattoo:
 Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00203

=====

UNK



UNK

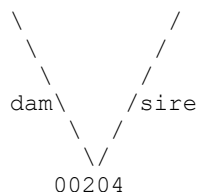
Sex: Male
 Birth Date: 20 Mar 2016
 Last Location: MYSORE
 House Name: JAYASIMHA
 Tattoo:
 Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00204

=====

UNK



UNK

Sex: Female
 Birth Date: 2 Jul 2016
 Last Location: MYSORE
 House Name: SHWETHA
 Tattoo:
 Tag/Band: ORANGESCZG00426

=====

Taxon Name: BOS GAURUS Studbook Number: 00205

=====

UNK



UNK

Sex: Unknown
 Birth Date: 17 Aug 2016
 Last Location: MYSORE
 House Name:
 Tattoo:
 Tag/Band:

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00206
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 10 Mar 2017
                                                    Last Location: MYSORE
                                                    House Name: SHIVANI
                                                    Tattoo:
                                                    Tag/Band:

    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
       00206
  
```

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00207
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 15 May 2017
                                                    Last Location: MYSORE
                                                    House Name: NEEDHI
                                                    Tattoo:
                                                    Tag/Band: ORGSCZG0409 (LE

    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
       00207
  
```

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00208
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 24 May 2017
                                                    Last Location: MYSORE
                                                    House Name: DHARMA
                                                    Tattoo:
                                                    Tag/Band: ORGSCZG0410 (LO

    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
       00208
  
```

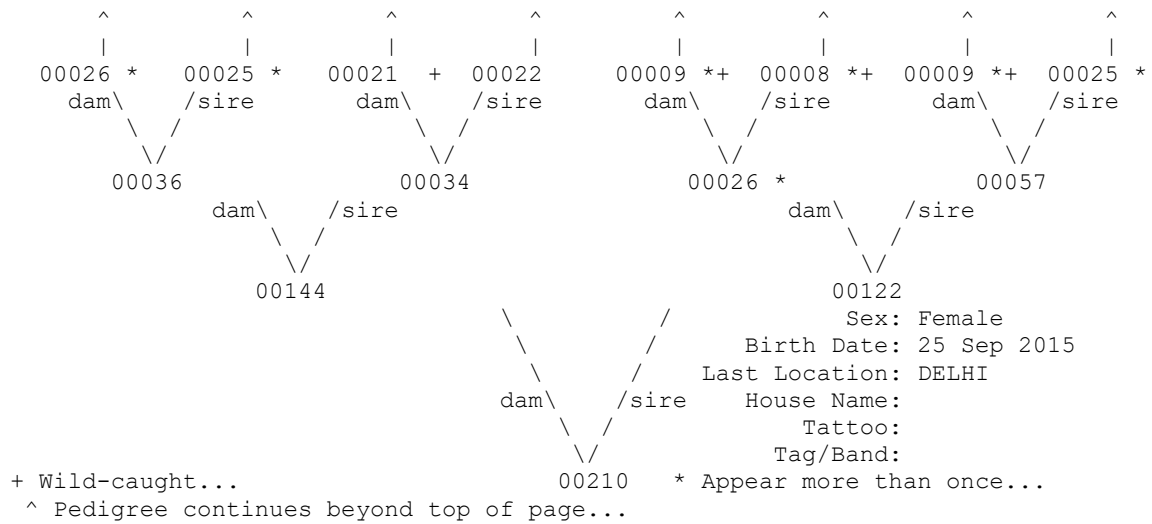
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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00209
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 24 Jun 2016
                                                    Last Location: MYSORE (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

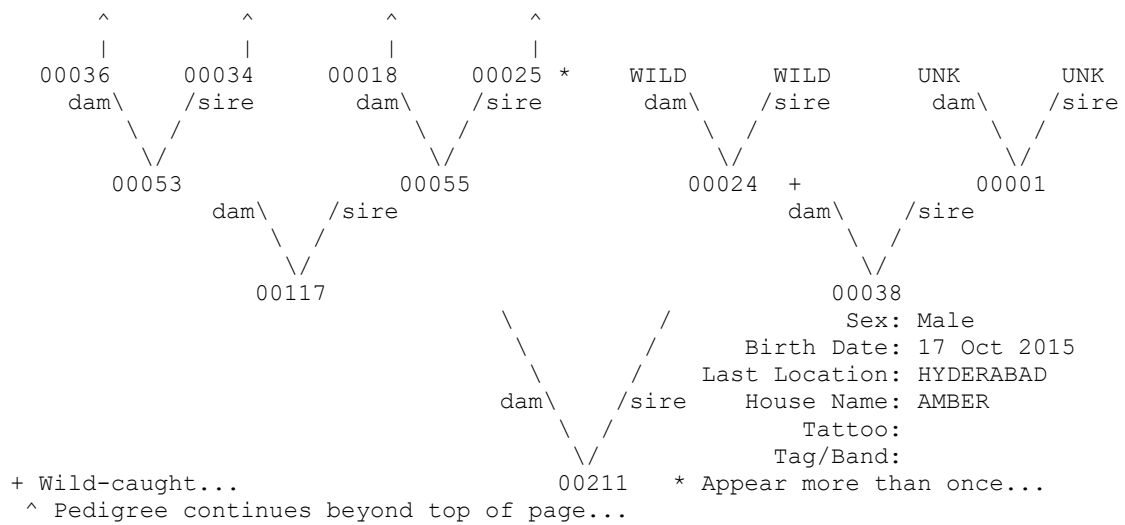
    \      /
    \  dam /
     \    /
      \  /
       \ /
        V
       00209
  
```

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

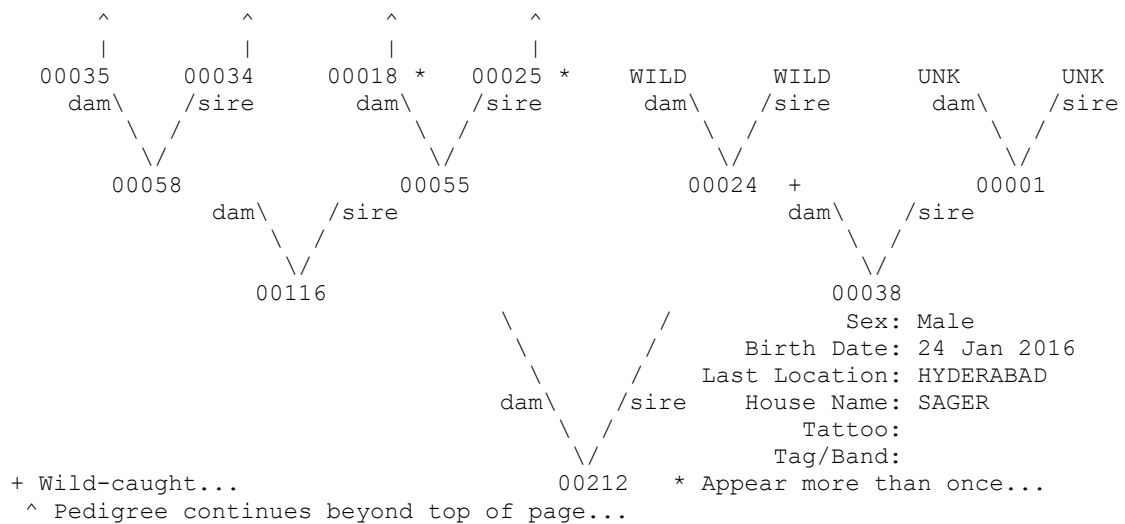
=====
 Taxon Name: BOS GAURUS Studbook Number: 00210
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00211
 =====



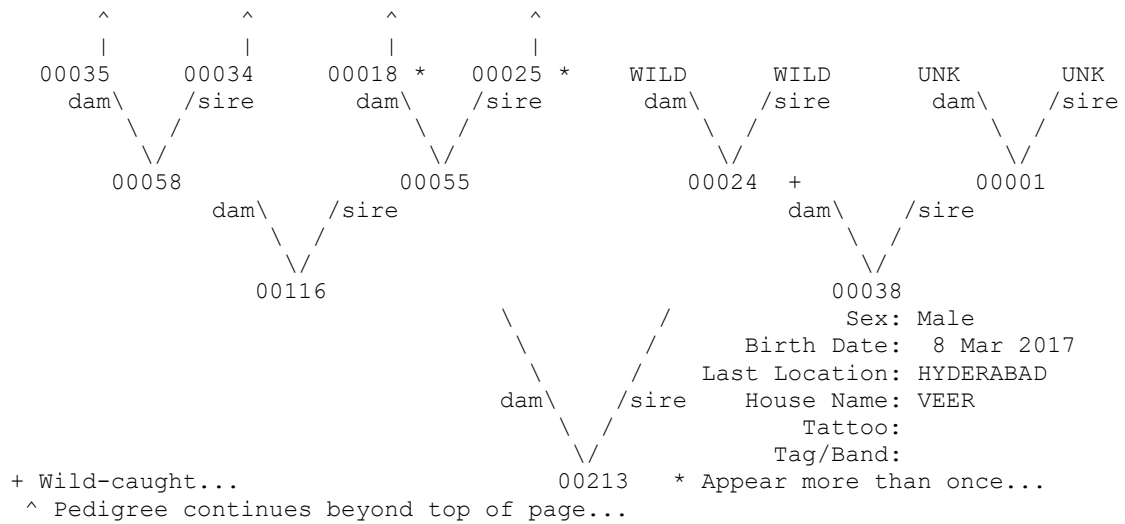
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 Taxon Name: BOS GAURUS Studbook Number: 00212
 =====



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

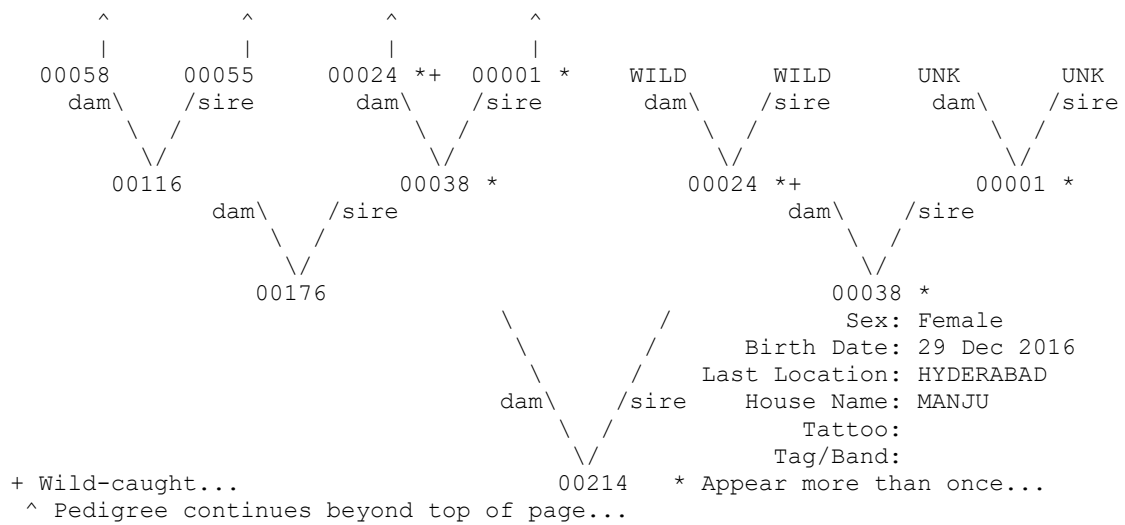
Taxon Name: BOS GAURUS

Studbook Number: 00213



Taxon Name: BOS GAURUS

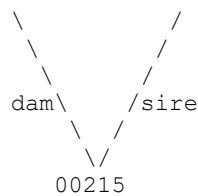
Studbook Number: 00214



Taxon Name: BOS GAURUS

Studbook Number: 00215

WILD



```

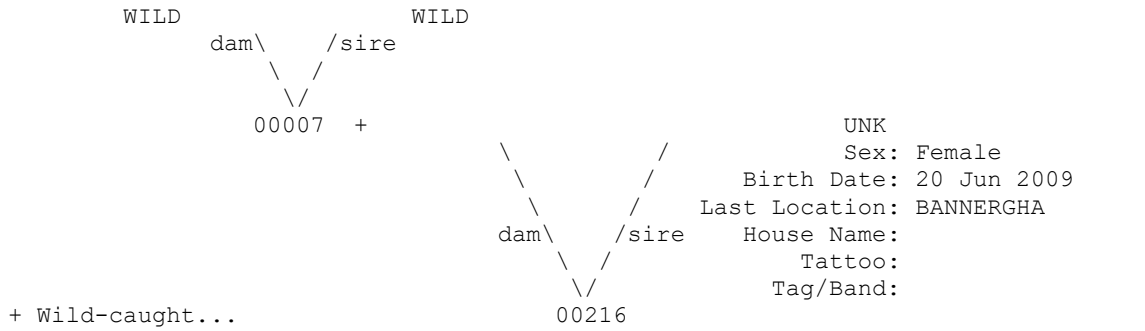
WILD
Sex: Male
Birth Date: ~ 2007
Last Location: VISAKAPAT
House Name:
Tattoo:
Tag/Band:
  
```

NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00216

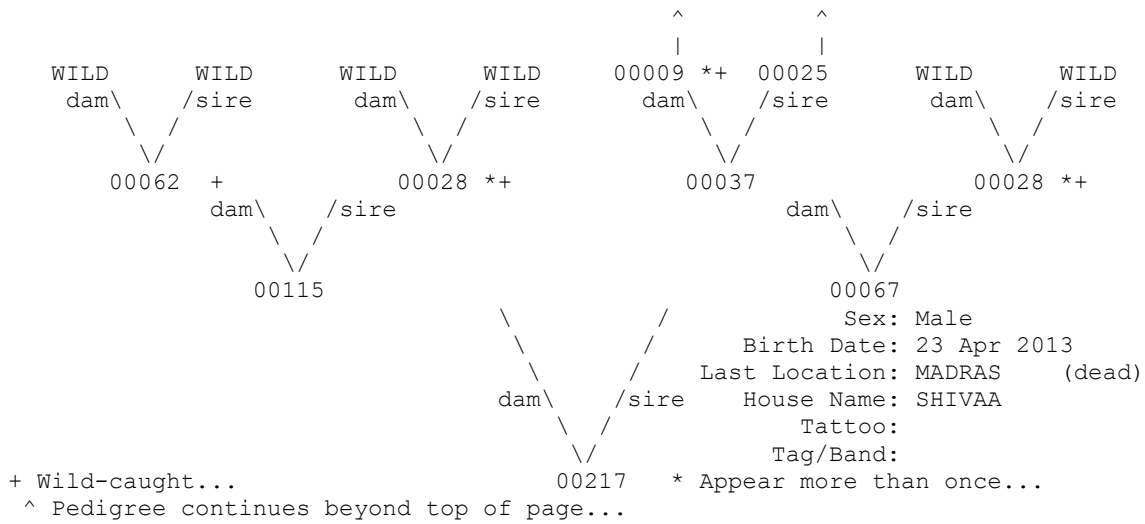
=====



=====

Taxon Name: BOS GAURUS Studbook Number: 00217

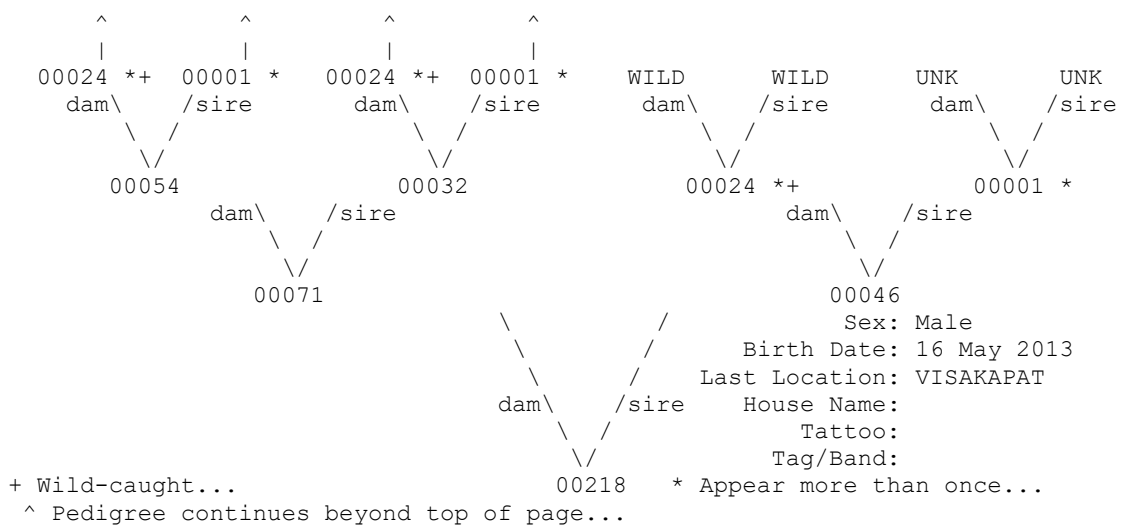
=====



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Taxon Name: BOS GAURUS Studbook Number: 00218

=====



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00219
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00026 *  00025 *  00021 +  00022 |  00009 *+  00008 *+  00009 *+  00025 *
  dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire
    \   /       \   /       \   /       \   /       \   /       \   /       \   /
     00036       00034       00026 *       00057
          \   /           \   /           \   /           \   /
           dam\         /sire         dam\         /sire         dam\         /sire
            \   /       \   /           \   /       \   /           \   /       \   /
             00092       00087
                                Sex: Male
                                Birth Date: 21 May 2013
                                Last Location: PUNE
                                House Name:
                                Tattoo:
                                Tag/Band:
+ Wild-caught...                               00219 * Appear more than once...
^ Pedigree continues beyond top of page...

```

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00220
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00024 *+ 00001 *  00024 *+ 00001 *  WILD   WILD   UNK   UNK
  dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire
    \   /       \   /       \   /       \   /       \   /       \   /       \   /
     00054       00032       00024 *+       00001 *
          \   /           \   /           \   /       \   /
           dam\         /sire         dam\         /sire         dam\         /sire
            \   /       \   /           \   /       \   /           \   /       \   /
             00071       00046
                                Sex: Male
                                Birth Date: 6 Oct 2014
                                Last Location: VISAKAPAT
                                House Name:
                                Tattoo:
                                Tag/Band:
+ Wild-caught...                               00220 * Appear more than once...
^ Pedigree continues beyond top of page...

```

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00221
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
WILD   WILD   WILD   WILD   WILD   WILD   WILD   WILD
  dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire   dam\   /sire
    \   /       \   /       \   /       \   /       \   /       \   /       \   /
     00062 *+  00028 *+  00062 *+  00028 *+
          \   /           \   /           \   /       \   /
           dam\         /sire         dam\         /sire         dam\         /sire
            \   /       \   /           \   /       \   /           \   /       \   /
             00115       00077
                                Sex: Female
                                Birth Date: 9 Oct 2014
                                Last Location: MADRAS (dead)
                                House Name:
                                Tattoo:
                                Tag/Band:
+ Wild-caught...                               00221 * Appear more than once...

```

NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

=====

Taxon Name: BOS GAURUS Studbook Number: 00222

=====

```

                                WILD      WILD
                                dam\      /sire
                                 \      /
                                  \    /
                                   \  /
                                    \ /
                                     V
                                00141 *+
                                /      \
                               /sire    dam\
                              /sire    /sire
                             /sire    /sire
                            /sire    /sire
                           /sire    /sire
                          /sire    /sire
                         /sire    /sire
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 /sire    /sire
/sire    /sire

```

00141 *+ 00148

Sex: Male
 Birth Date: 26 Nov 2014
 Last Location: VANVIHAR
 House Name:
 Tattoo:
 Tag/Band:

+ Wild-caught... 00222 * Appear more than once...

=====

Taxon Name: BOS GAURUS Studbook Number: 00223

=====

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                                ^          ^          ^          ^
                                |          |          |          |
                                00037 *  00028 *+  00037 *  00028 *+
                                dam\      /sire    dam\      /sire
                                 \      /          \      /
                                  \    /            \  /
                                   \  /              \ /
                                    \ /                V
                                     ^                ^
                                     |                |
                                     00078            00067
                                     /sire            /sire
                                    /sire            /sire
                                   /sire            /sire
                                  /sire            /sire
                                 /sire            /sire
                                /sire            /sire
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/sire            /sire

```

00062 + 00078 00145

Sex: Male
 Birth Date: 12 Feb 2015
 Last Location: MADRAS
 House Name: ASHOK
 Tattoo:
 Tag/Band:

+ Wild-caught... 00223 * Appear more than once...
 ^ Pedigree continues beyond top of page...

=====

Taxon Name: BOS GAURUS Studbook Number: 00224

=====

```

                                ^          ^          ^          ^
                                |          |          |          |
                                00009 *+  00025 *  WILD      WILD
                                dam\      /sire    dam\      /sire
                                 \      /          \      /
                                  \    /            \  /
                                   \  /              \ /
                                    \ /                V
                                     ^                ^
                                     |                |
                                     00037 *  00028 *+  00037 *  00028 *+
                                     dam\      /sire    dam\      /sire
                                      \      /          \      /
                                       \    /            \  /
                                        \  /              \ /
                                         \ /                V
                                          ^                ^
                                          |                |
                                          00078            00067
                                          /sire            /sire
                                         /sire            /sire
                                        /sire            /sire
                                       /sire            /sire
                                      /sire            /sire
                                     /sire            /sire
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/sire            /sire

```

00088 00078 00145

Sex: Male
 Birth Date: 7 Mar 2015
 Last Location: MADRAS
 House Name: BABU
 Tattoo:
 Tag/Band:

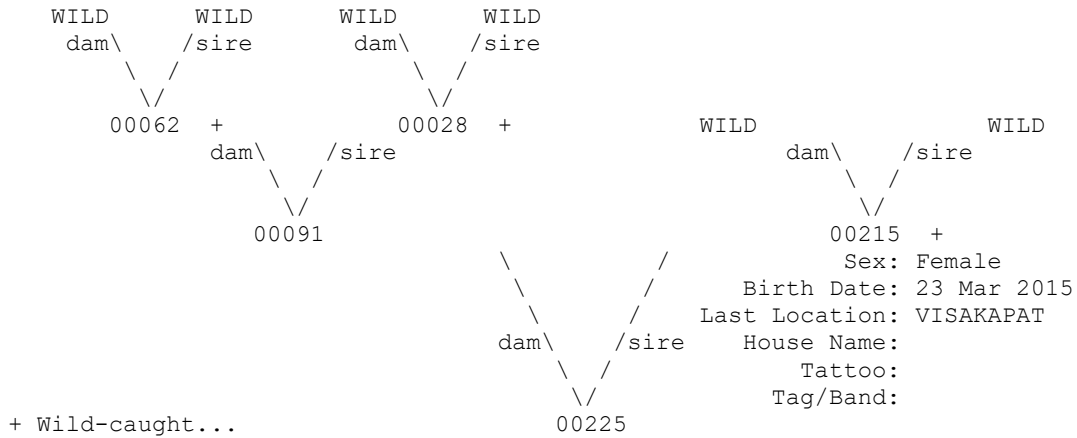
+ Wild-caught... 00224 * Appear more than once...
 ^ Pedigree continues beyond top of page...

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=====

Taxon Name: BOS GAURUS Studbook Number: 00225

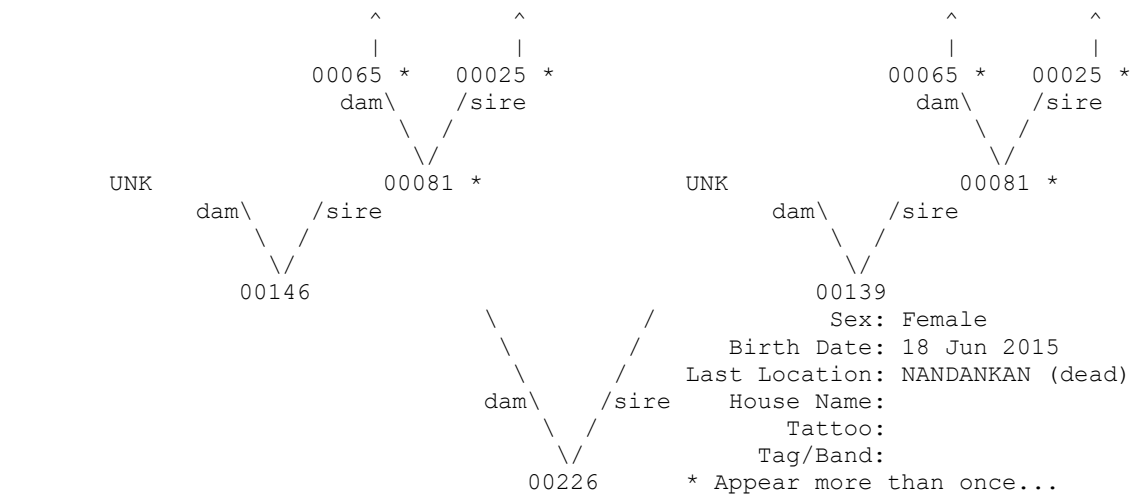
=====



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Taxon Name: BOS GAURUS Studbook Number: 00226

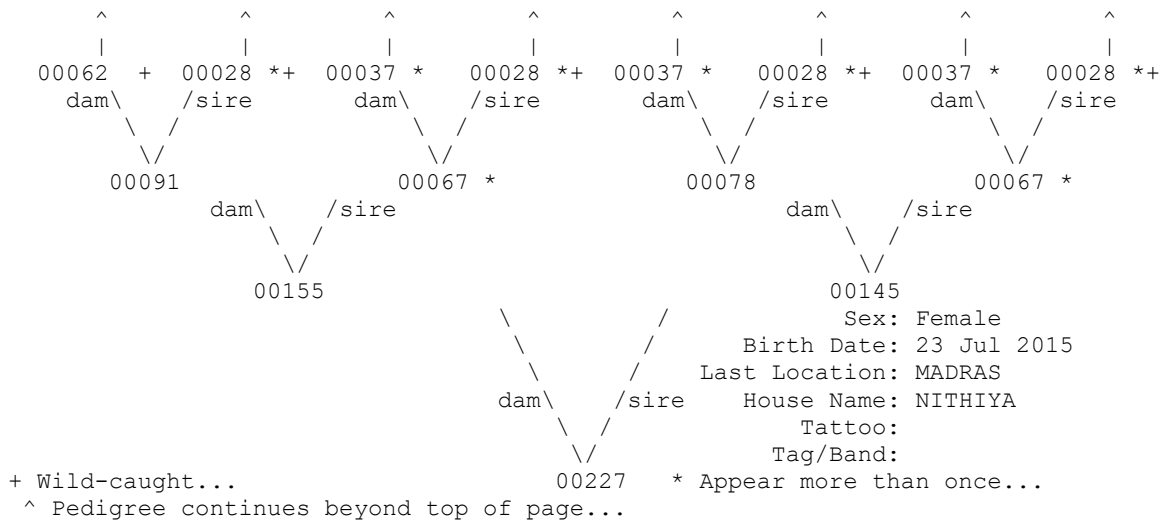
=====



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Taxon Name: BOS GAURUS Studbook Number: 00227

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NATIONAL STUDBOOK OF GAUR (*BOS GAURUS GAURUS*) – III EDITION

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00228
=====
                                UNK
                                Sex: Male
                                Birth Date: 19 Sep 2015
                                Last Location: MYSORE (dead)
                                House Name: GOVARDHAN
                                Tattoo:
                                Tag/Band:
                                00228
    UNK
    dam \ /
      \ /
       V
      / \
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    /     \
   /       \
  /         \
 /           \
/             \
00228
  
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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00229
=====
WILD dam \ / WILD dam \ / WILD dam \ / WILD dam \ /
  \ /      /sire \ /      /sire \ /      /sire \ /      /sire
   V         V         V         V
  / \      / \      / \      / \
 /   \    /   \    /   \    /   \
/     \  /     \  /     \  /     \
00062 *+ 00028 *+ 00062 *+ 00028 *+
  dam \ /      dam \ /      dam \ /      dam \ /
   \ /         \ /         \ /         \ /
    V           V           V           V
   / \        / \        / \        / \
  /   \      /   \      /   \      /   \
 /     \    /     \    /     \    /     \
/       \  /       \  /       \  /       \
00115    00077
                                Sex: Female
                                Birth Date: 15 Oct 2015
                                Last Location: MADRAS (dead)
                                House Name:
                                Tattoo:
                                Tag/Band:
                                00229 * Appear more than once...
+ Wild-caught...
  
```

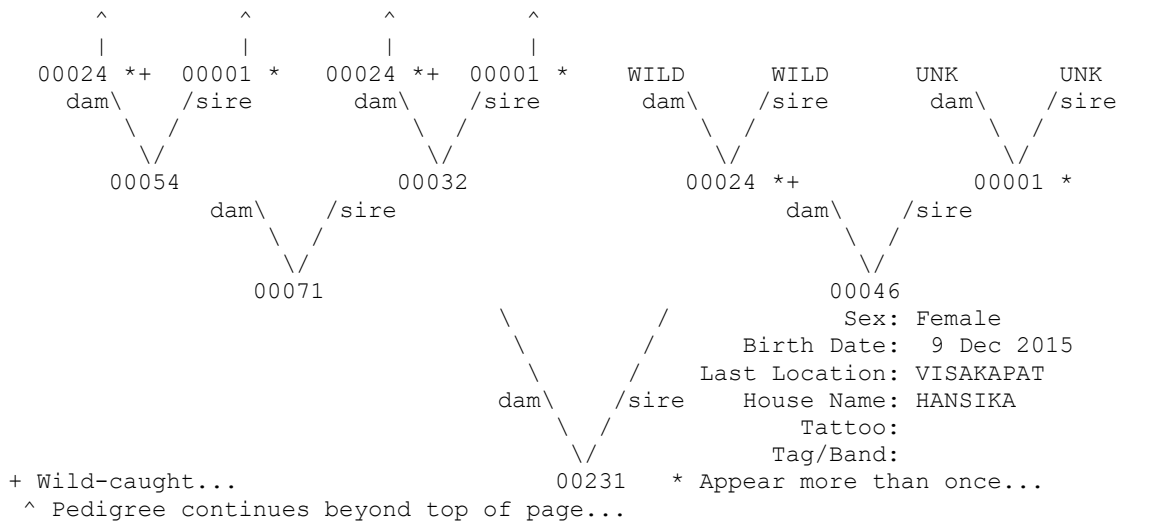
```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00230
=====
                                WILD dam \ / WILD dam \ /
                                \ /      /sire \ /      /sire
                                 V         V
                                / \      / \
                               /   \    /   \
                              /     \  /     \
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  /                                                             \ /                                                             \
 /                                                               \ /                                                               \
00141 *+
                                WILD dam \ / WILD dam \ /
                                \ /      /sire \ /      /sire
                                 V         V
                                / \      / \
                               /   \    /   \
                              /     \  /     \
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  /                                                             \ /                                                             \
 /                                                               \ /                                                               \
00148
                                Sex: Male
                                Birth Date: 1 Nov 2015
                                Last Location: VANVIHAR (dead)
                                House Name:
                                Tattoo:
                                Tag/Band:
                                00230 * Appear more than once...
+ Wild-caught...
  
```

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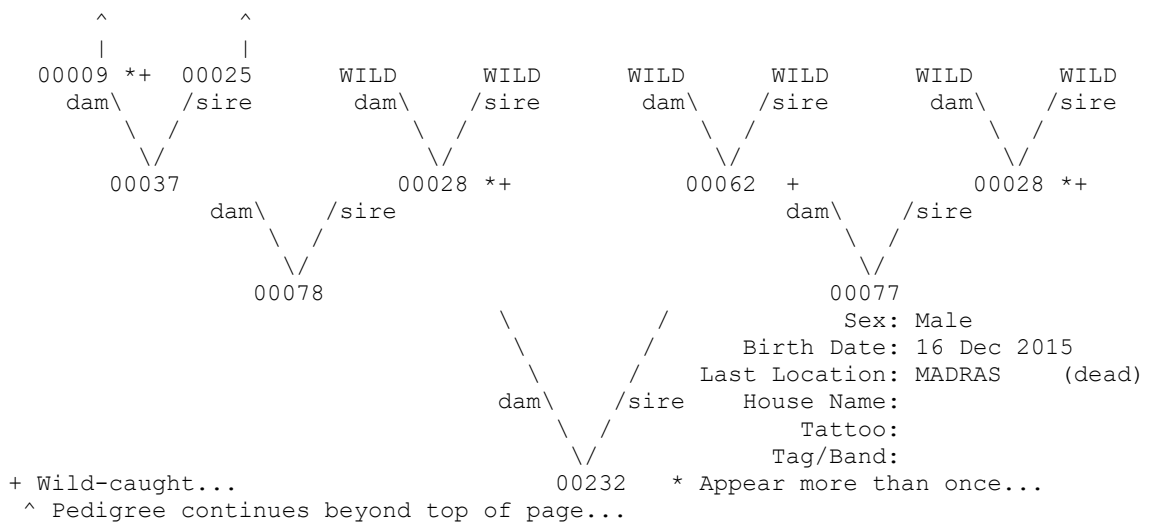
Taxon Name: BOS GAURUS

Studbook Number: 00231



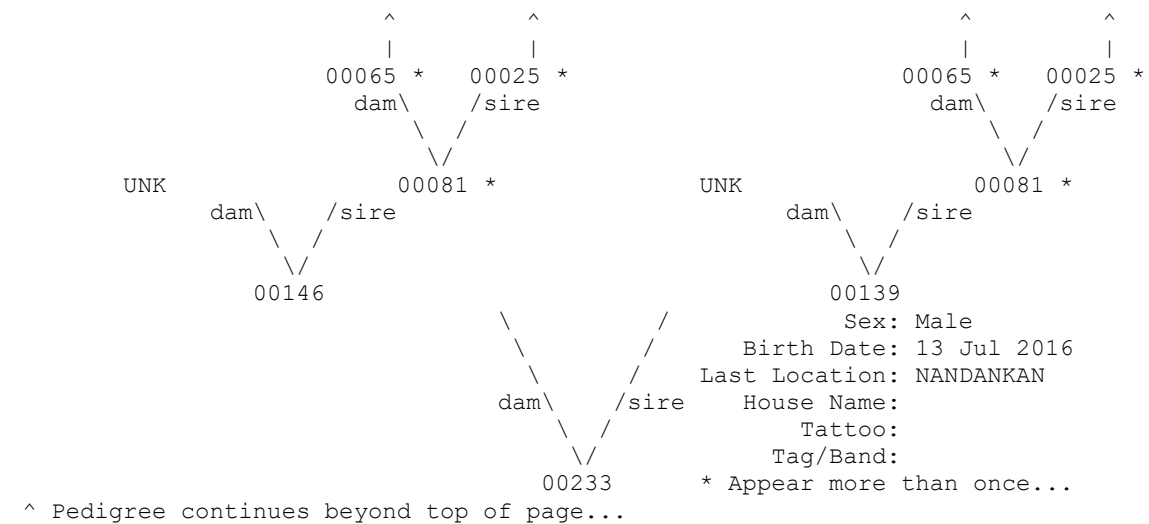
Taxon Name: BOS GAURUS

Studbook Number: 00232



Taxon Name: BOS GAURUS

Studbook Number: 00233



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00234
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00026 *  00025 *  00021 +  00022 |  00009 *+  00008 *+  00009 *+  00025 *
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \    /         \    /         \    /         \    /         \    /         \    /
    00036         00034         00026 *         00057
      \    /         \    /         \    /         \    /
       dam\         dam\         dam\         dam\
        \    /         \    /         \    /         \    /
         00144         00122
                               Sex: Female
                               Birth Date: 15 Nov 2016
                               Last Location: DELHI
                               House Name:
                               Tattoo:
                               Tag/Band:
+ Wild-caught...                               00234 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                               Studbook Number: 00235
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00009 *+  00025 |  WILD  WILD  WILD  WILD  WILD  WILD
  dam\    /sire  dam\  dam\  dam\  dam\  dam\  dam\
   \    /         \    /  dam\  dam\  dam\  dam\  dam\
    00037         00028 *+  00062 +  00028 *+
      \    /         \    /         \    /         \    /
       dam\         dam\         dam\         dam\
        \    /         \    /         \    /         \    /
         00078         00077
                               Sex: Male
                               Birth Date: 26 Feb 2016
                               Last Location: MADRAS
                               House Name: PRADOP
                               Tattoo:
                               Tag/Band:
+ Wild-caught...                               00235 * Appear more than once...
^ Pedigree continues beyond top of page...

```

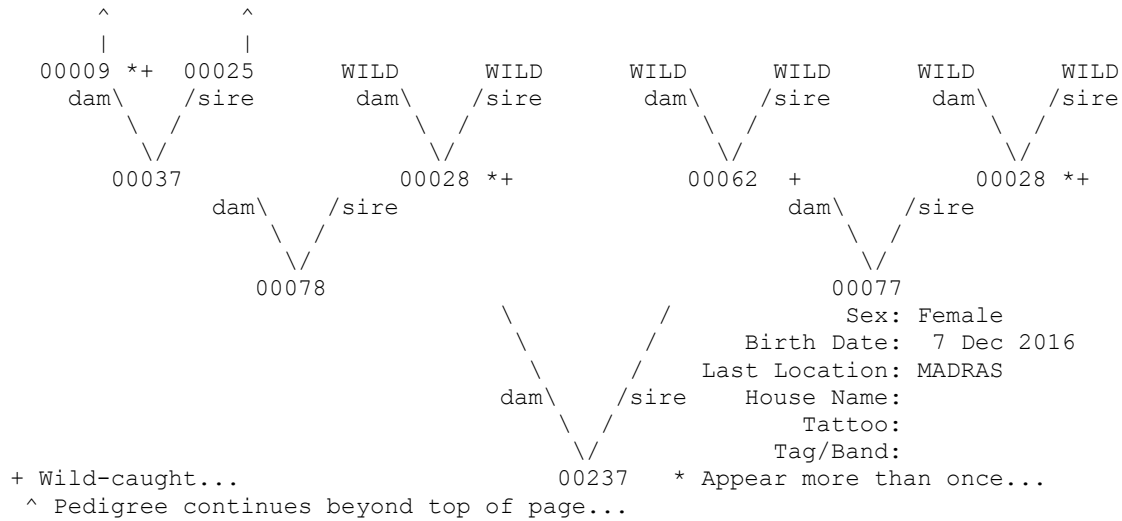
```

=====
Taxon Name: BOS GAURUS                               Studbook Number: 00236
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00037 *  00028 *+  00037 *  00028 *+
  dam\    /sire    dam\    /sire    dam\    /sire    dam\    /sire
   \    /         \    /         \    /         \    /
    00078         00067
      \    /         \    /         \    /         \    /
       dam\         dam\         dam\         dam\
        \    /         \    /         \    /         \    /
         00062 +         00145
                               Sex: Female
                               Birth Date: 8 Mar 2016
                               Last Location: MADRAS
                               House Name: BASKAR
                               Tattoo:
                               Tag/Band:
+ Wild-caught...                               00236 * Appear more than once...
^ Pedigree continues beyond top of page...

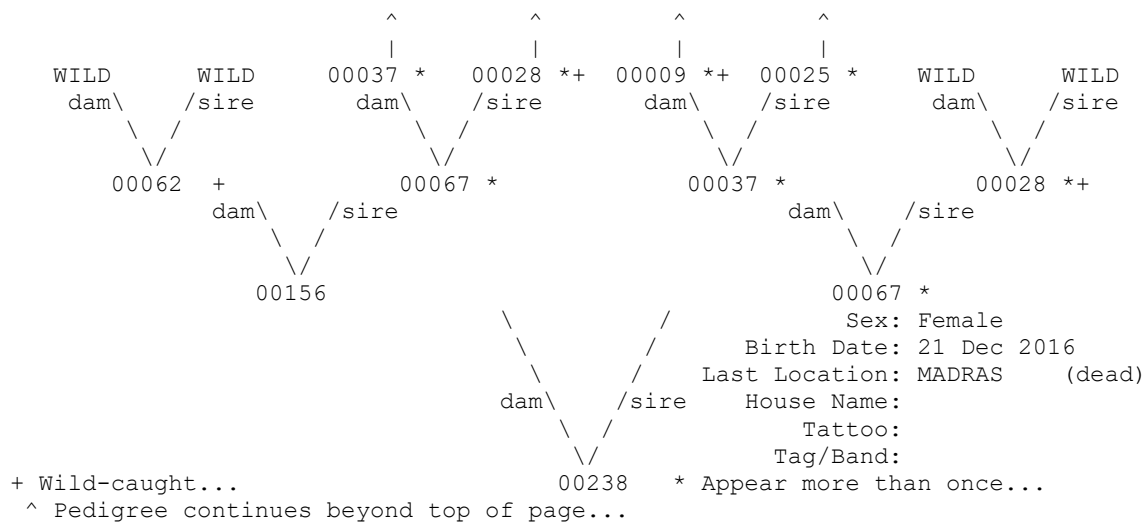
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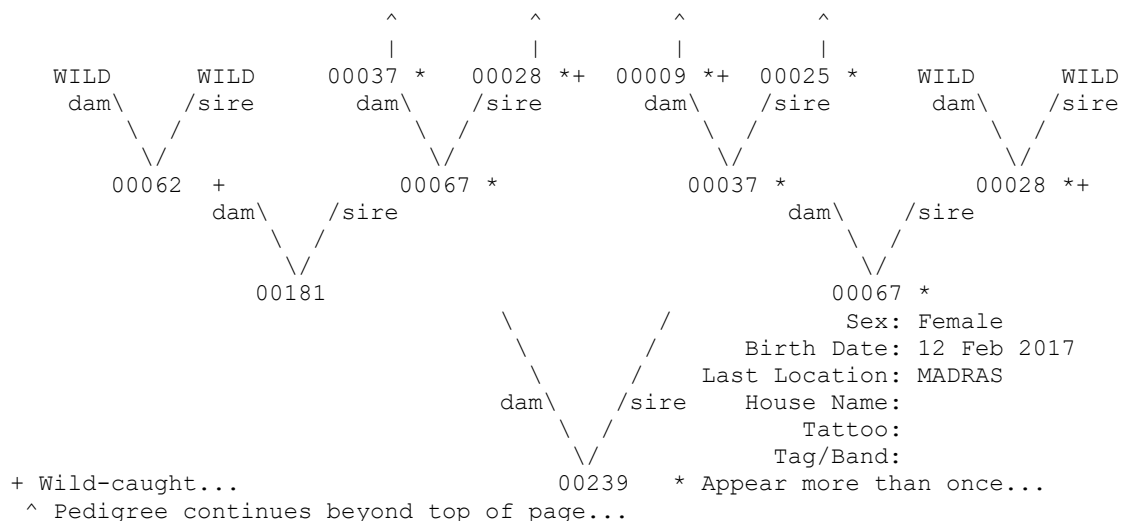
=====
 Taxon Name: BOS GAURUS Studbook Number: 00237
 =====



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 Taxon Name: BOS GAURUS Studbook Number: 00238
 =====



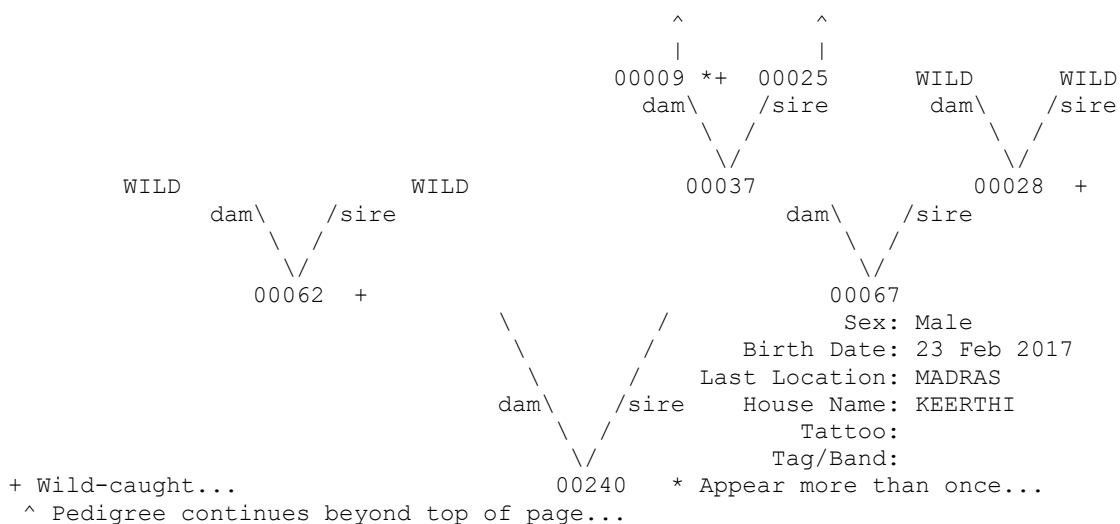
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 Taxon Name: BOS GAURUS Studbook Number: 00239
 =====



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

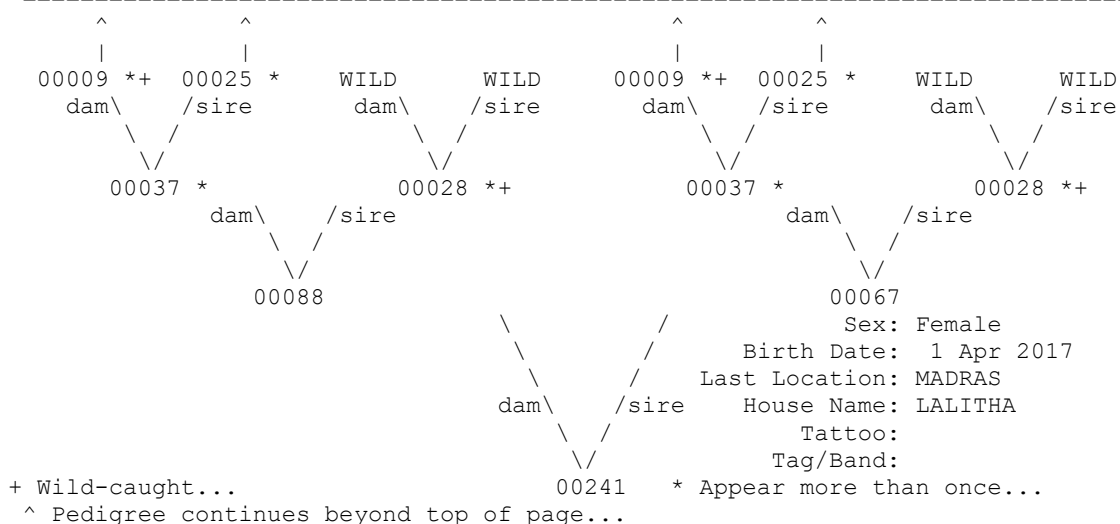
Taxon Name: BOS GAURUS

Studbook Number: 00240



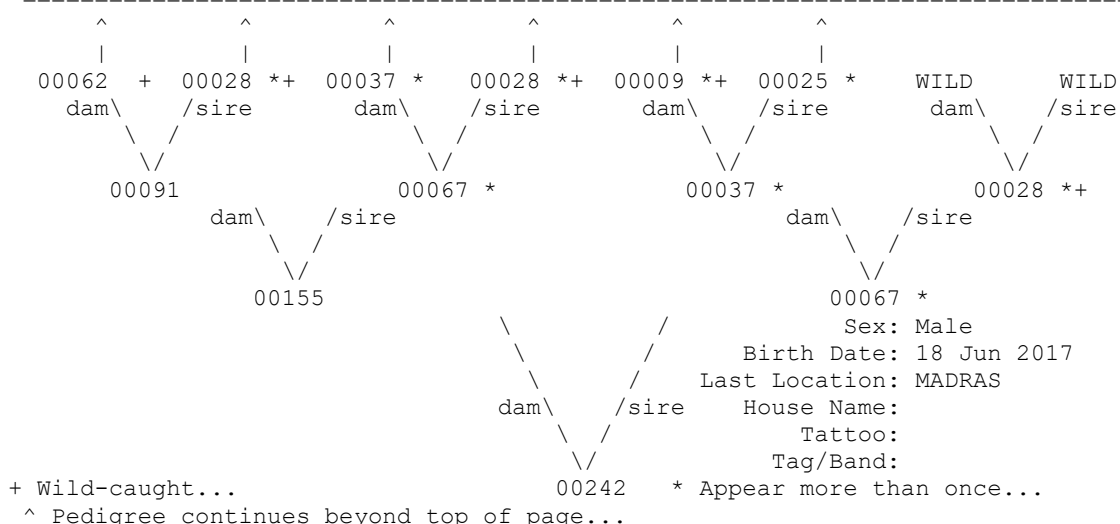
Taxon Name: BOS GAURUS

Studbook Number: 00241



Taxon Name: BOS GAURUS

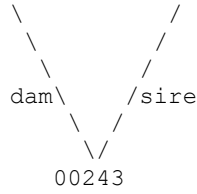
Studbook Number: 00242



NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

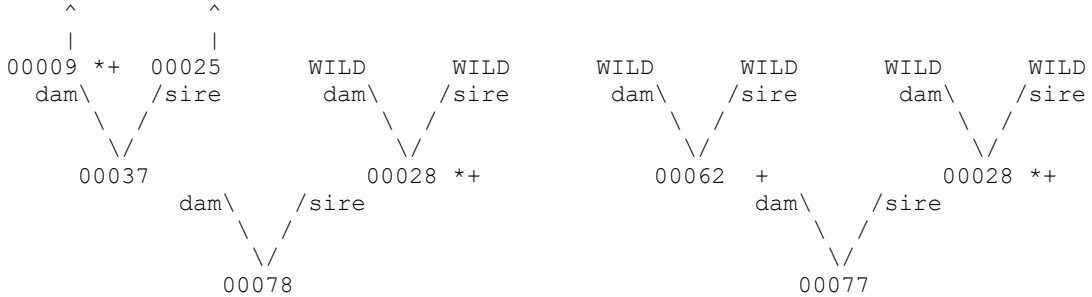
=====
 Taxon Name: BOS GAURUS Studbook Number: 00243
 =====

UNK



UNK
 Sex: Unknown
 Birth Date: 11 Jul 2017
 Last Location: MYSORE
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: BOS GAURUS Studbook Number: 00244
 =====

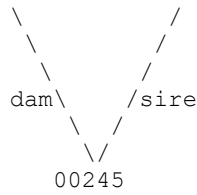


Sex: Female
 Birth Date: 25 Aug 2017
 Last Location: MADRAS
 House Name: SUGANYA
 Tattoo:
 Tag/Band:

+ Wild-caught... * Appear more than once...
 ^ Pedigree continues beyond top of page...

=====
 Taxon Name: BOS GAURUS Studbook Number: 00245
 =====

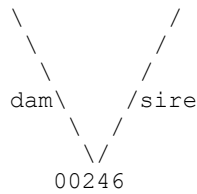
UNK



UNK
 Sex: Male
 Birth Date: 7 Oct 2017
 Last Location: MYSORE
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: BOS GAURUS Studbook Number: 00246
 =====

UNK



UNK
 Sex: Female
 Birth Date: 7 Oct 2017
 Last Location: MYSORE
 House Name:
 Tattoo:
 Tag/Band:

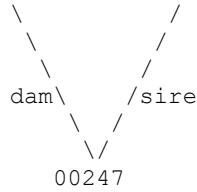
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Taxon Name: BOS GAURUS Studbook Number: 00247

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UNK

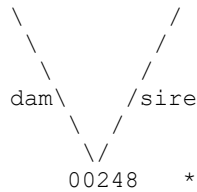
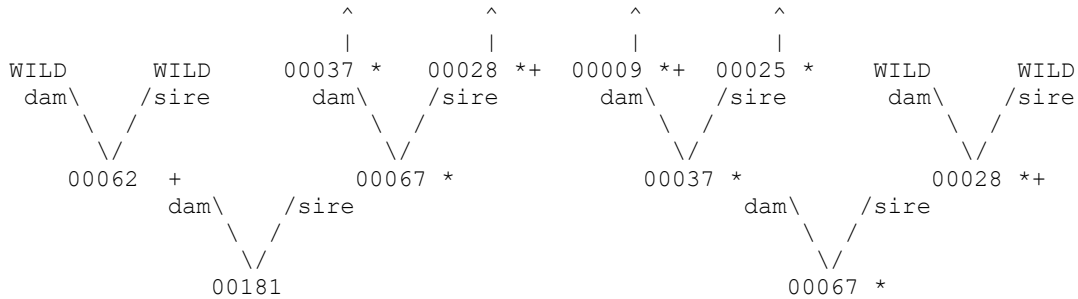


UNK
Sex: Female
Birth Date: 25 Nov 2017
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00248

=====



Sex: Female
Birth Date: 1 Dec 2017
Last Location: MADRAS
House Name:
Tattoo:
Tag/Band:

+ Wild-caught...

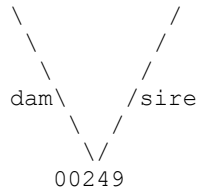
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Taxon Name: BOS GAURUS Studbook Number: 00249

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UNK

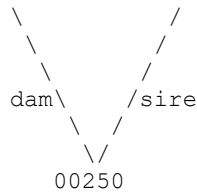
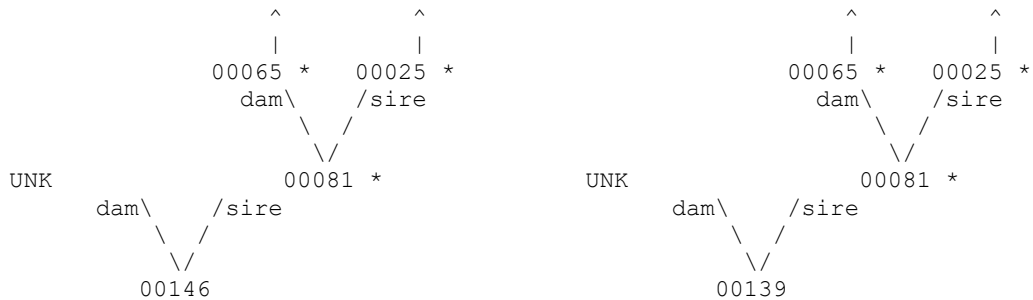


UNK
Sex: Female
Birth Date: 17 Jun 2017
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====

Taxon Name: BOS GAURUS Studbook Number: 00250

=====

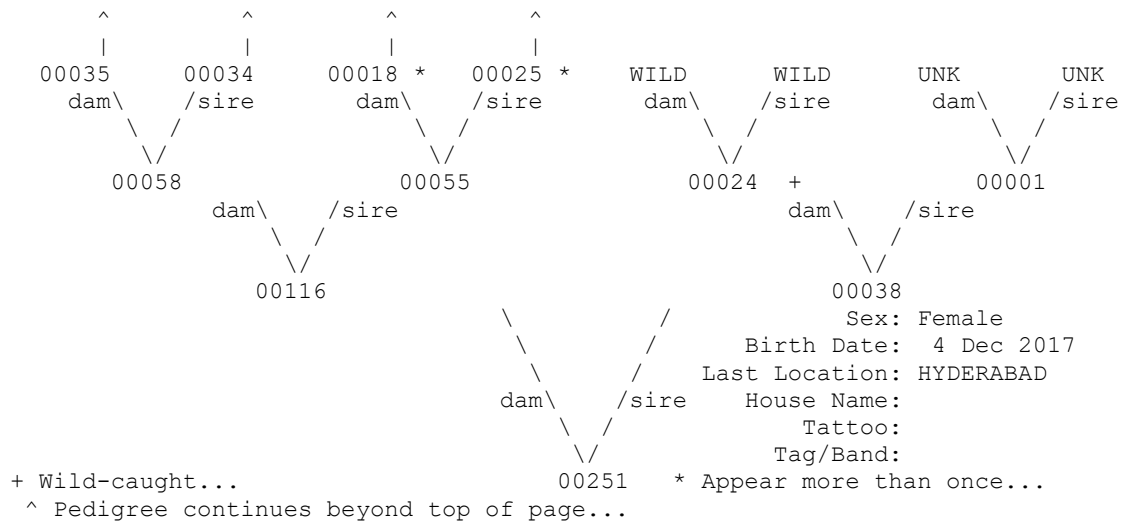


UNK
Sex: Unknown
Birth Date: 3 Nov 2017
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

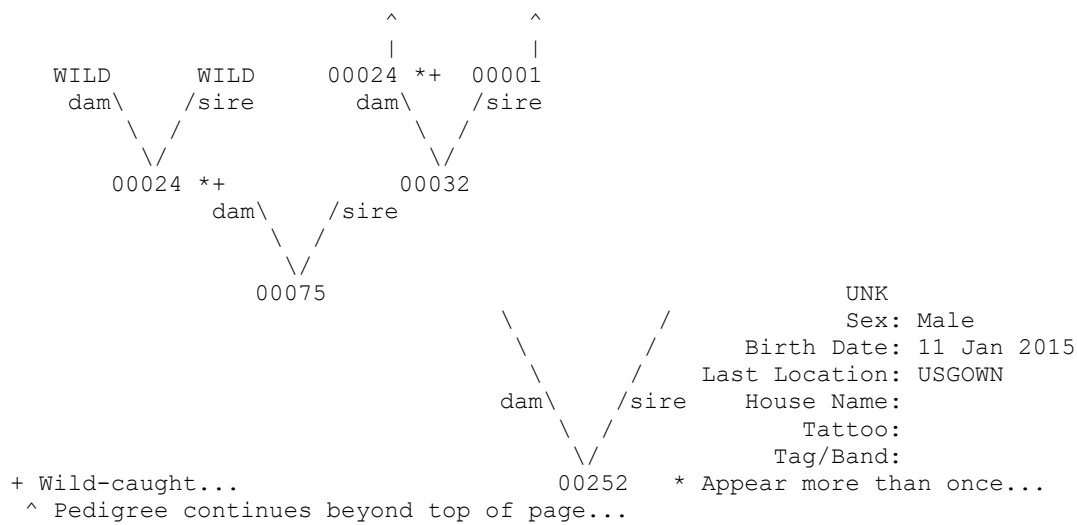
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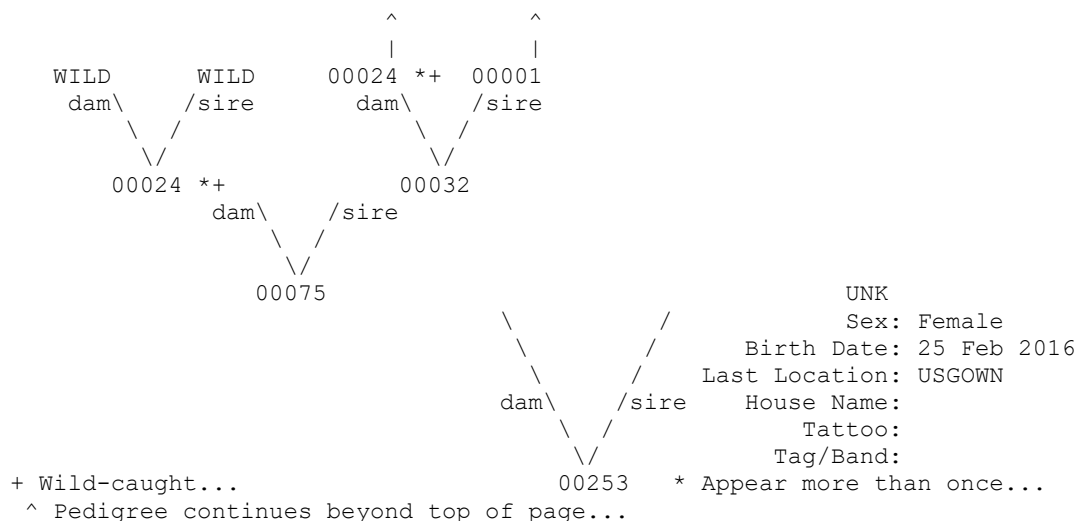
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 Taxon Name: BOS GAURUS Studbook Number: 00252
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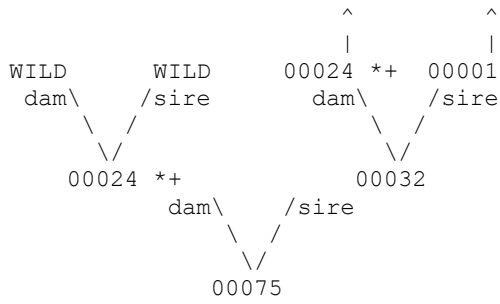


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 Taxon Name: BOS GAURUS Studbook Number: 00253
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NATIONAL STUDBOOK OF GAUR (BOS GAURUS GAURUS) – III EDITION

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 Taxon Name: BOS GAURUS Studbook Number: 00254
 =====



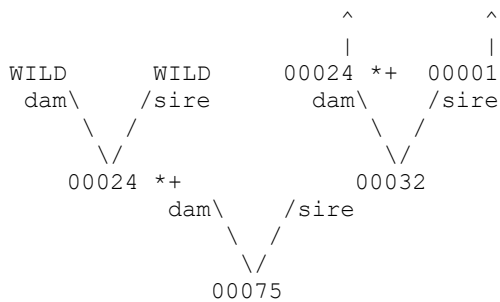
```

      \ /      \ /
      dam\ /sire
        \ /
        00254
    
```

UNK
 Sex: Male
 Birth Date: 2 Feb 2017
 Last Location: USGOWN
 House Name:
 Tattoo:
 Tag/Band:

+ Wild-caught... 00254 * Appear more than once...
 ^ Pedigree continues beyond top of page...

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 Taxon Name: BOS GAURUS Studbook Number: 00255
 =====



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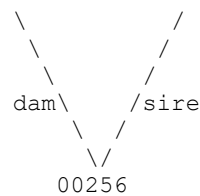
      \ /      \ /
      dam\ /sire
        \ /
        00255
    
```

UNK
 Sex: Female
 Birth Date: 1 Feb 2018
 Last Location: USGOWN
 House Name:
 Tattoo:
 Tag/Band:

+ Wild-caught... 00255 * Appear more than once...
 ^ Pedigree continues beyond top of page...

=====
 Taxon Name: BOS GAURUS Studbook Number: 00256
 =====

WILD



WILD
 Sex: Female
 Birth Date: ????
 Last Location: TRIVANDRU
 House Name: SUNDARI
 Tattoo:
 Tag/Band:

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Taxon Name: BOS GAURUS                      Studbook Number: 00257
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      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00035  00034 *  00021 *+  00022 *  00009 *+  00008 *+  00009 *+  00025 *
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /      \  /
   00058      00034 *  00018 *  00057
            dam\  /sire  dam\  /sire
              \  /      \  /
               00105      00112
                        Sex: Male
                        Birth Date: 23 Oct 2012
                        Last Location: TRIVANDRU
                        House Name: ARJUN
                        Tattoo:
                        Tag/Band:
+ Wild-caught...                               00257 * Appear more than once...
^ Pedigree continues beyond top of page...

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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00258
=====
      ^           ^           ^           ^
      |           |           |           |
00009 *+  00008 *+  00009 *+  00025 *
  dam\  /sire  dam\  /sire  dam\  /sire  /sire
    \  /      \  /      \  /      \  /
   00018      00057
            dam\  /sire
              \  /
               00112
                        Sex: Female
                        Birth Date: 16 Dec 2013
                        Last Location: TRIVANDRU
                        House Name: CHINNU
                        Tattoo:
                        Tag/Band:
+ Wild-caught...                               00258 * Appear more than once...
^ Pedigree continues beyond top of page...

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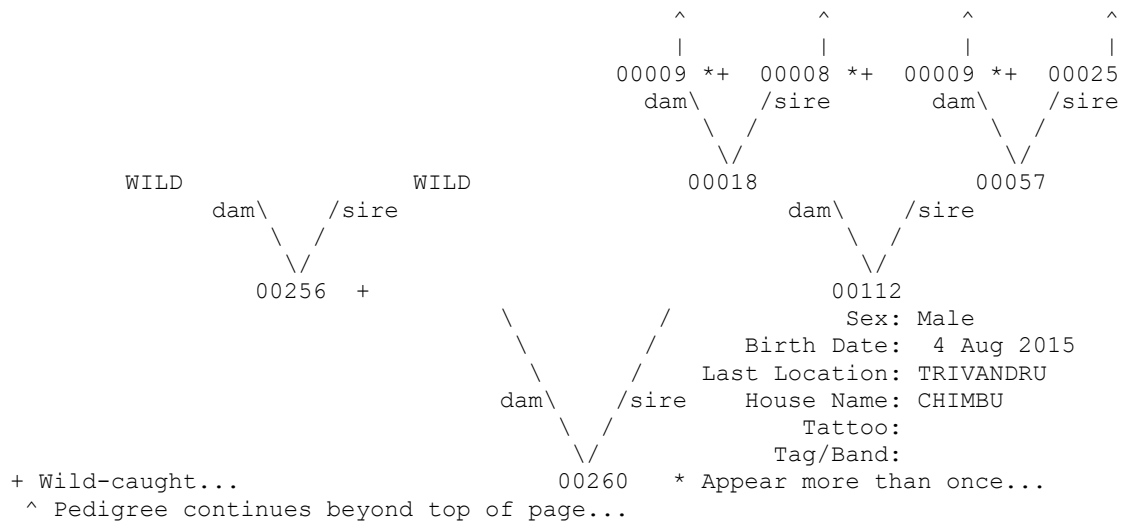
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=====
Taxon Name: BOS GAURUS                      Studbook Number: 00259
=====
      ^           ^           ^           ^           ^           ^           ^           ^
      |           |           |           |           |           |           |           |
00035  00034 *  00021 *+  00022 *  00009 *+  00008 *+  00009 *+  00025 *
  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire  dam\  /sire
    \  /      \  /      \  /      \  /      \  /      \  /      \  /
   00058      00034 *  00018 *  00057
            dam\  /sire  dam\  /sire
              \  /      \  /
               00105      00112
                        Sex: Male
                        Birth Date: 8 Apr 2014
                        Last Location: TRIVANDRU
                        House Name: NANDHU
                        Tattoo:
                        Tag/Band:
+ Wild-caught...                               00259 * Appear more than once...
^ Pedigree continues beyond top of page...

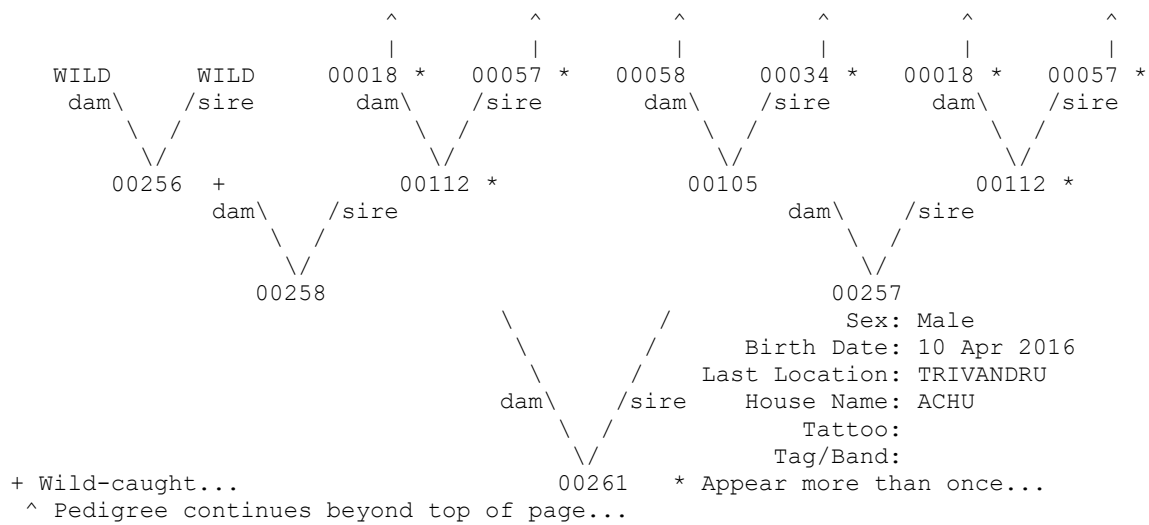
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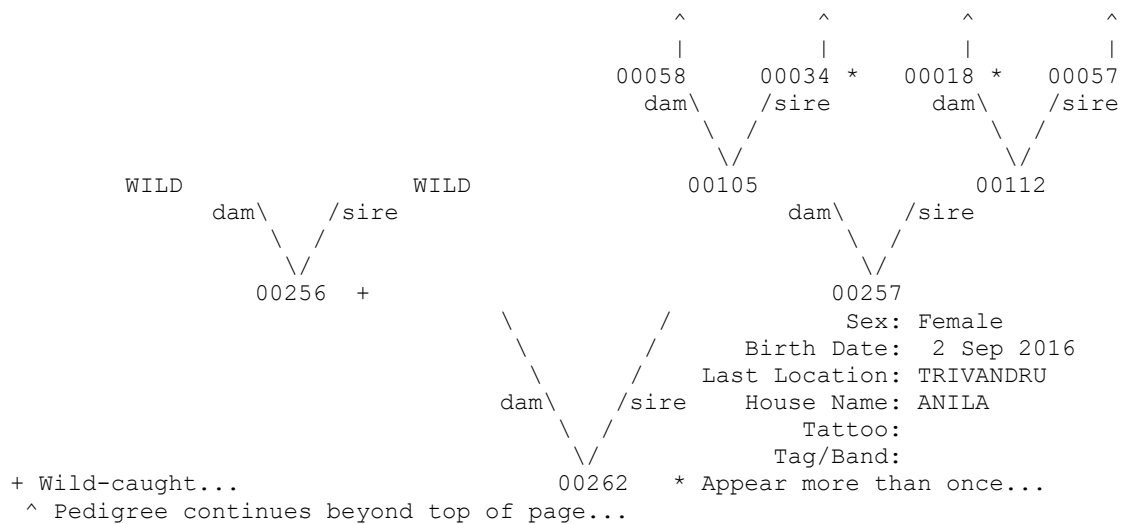
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 Taxon Name: BOS GAURUS Studbook Number: 00261
 =====



=====
 Taxon Name: BOS GAURUS Studbook Number: 00262
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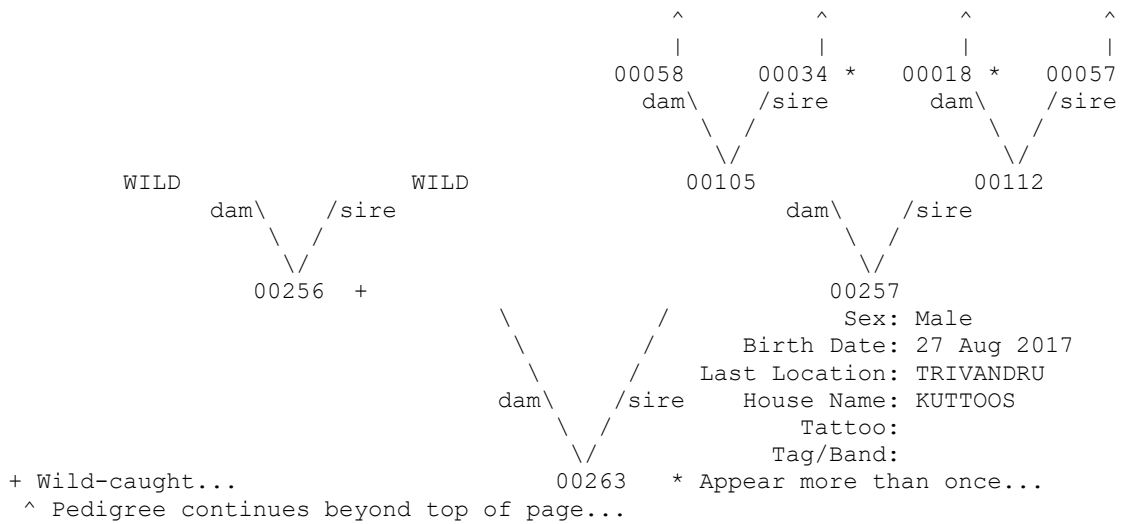


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Taxon Name: BOS GAURUS Studbook Number: 00263

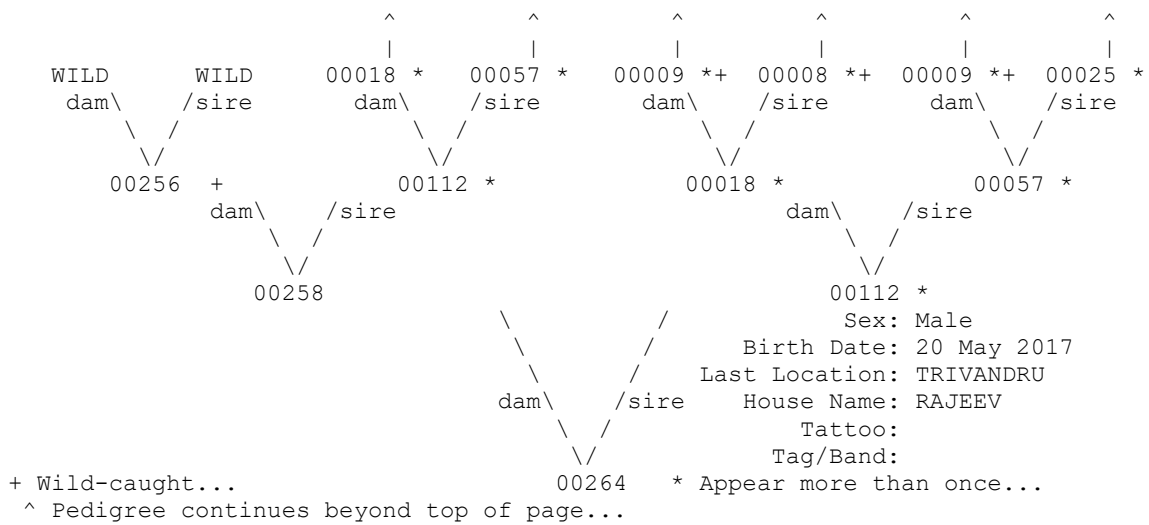
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Taxon Name: BOS GAURUS Studbook Number: 00264

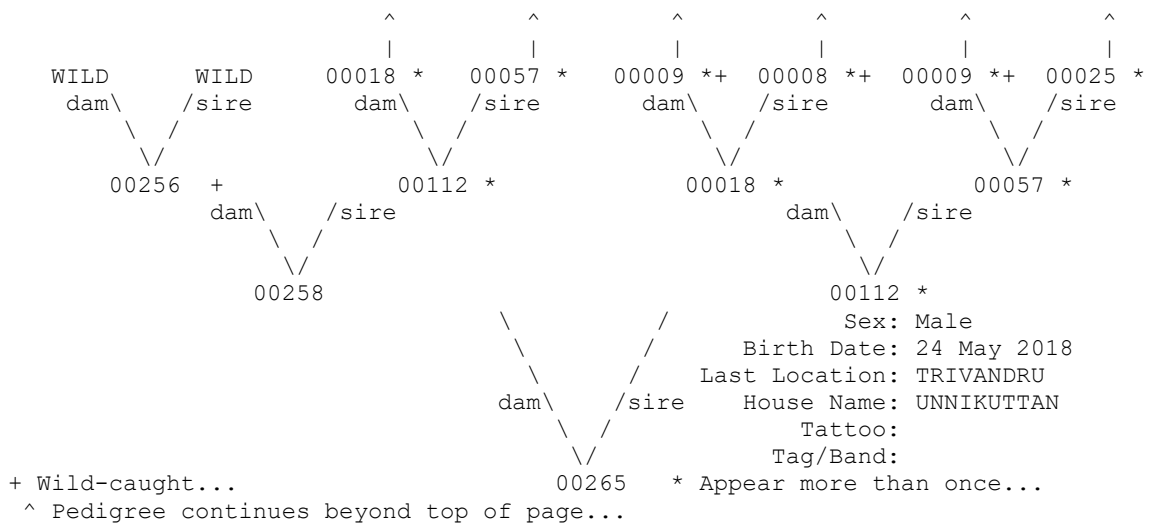
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Taxon Name: BOS GAURUS Studbook Number: 00265

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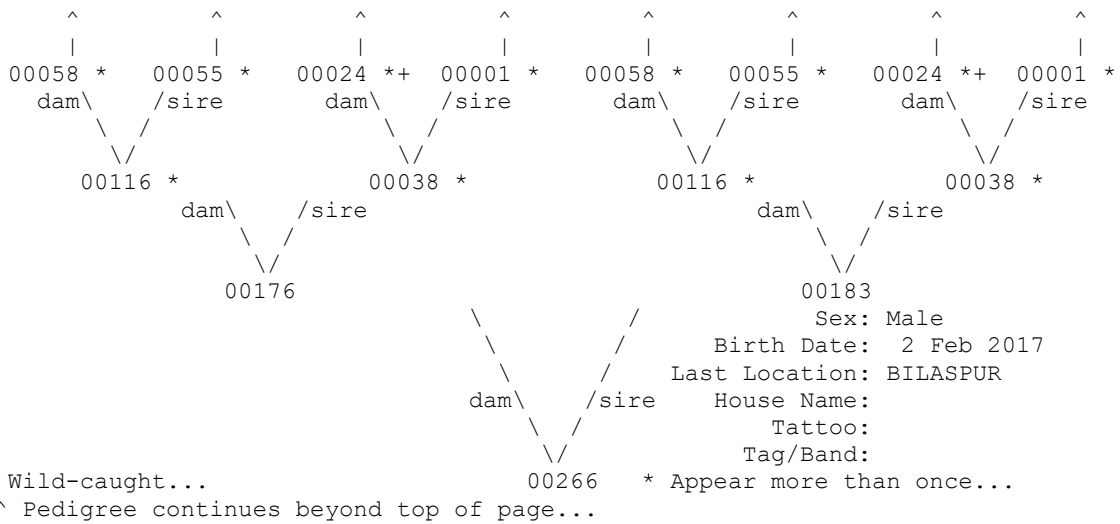


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Taxon Name: BOS GAURUS Studbook Number: 00266

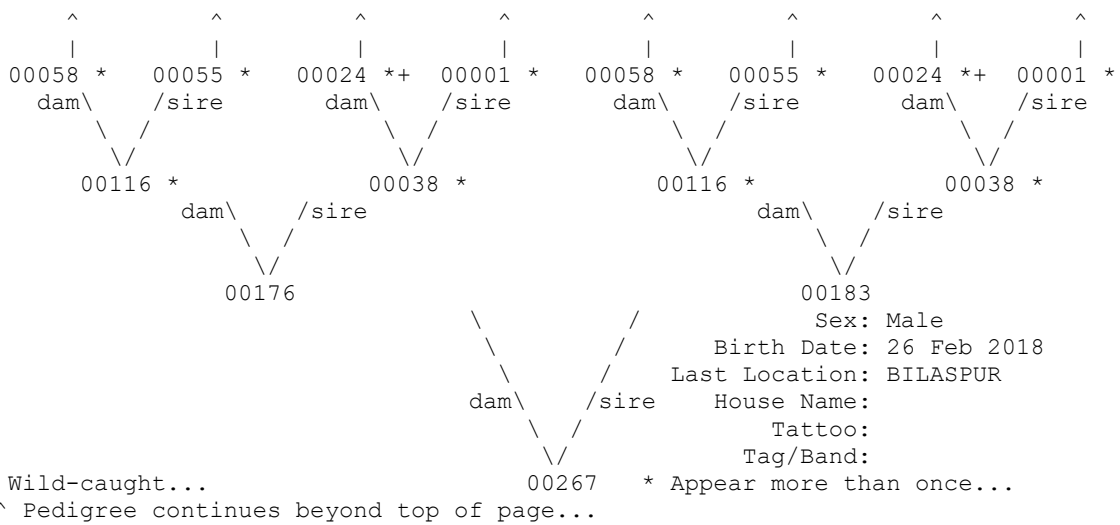
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Taxon Name: BOS GAURUS Studbook Number: 00267

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Location Glossary

Sl.	MNEMONIC	Location
1.	BANNERGHA	Bannerghatta National Park, Bangalore
2.	BILASPUR	Kanan Pendari Zoo, Bilaspur
3.	CHATBIR Z	M.C. Zoological Park, Chat-bir
4.	DACCA	Dhaka Zoo, Dhaka, Bangladesh
5.	DELHI	National Zoological Park, Delhi
6.	HYDERABAD	Nehru Zoological Park, Hyderabad
7.	INDIA	Location of wild caught specimens
8.	JUNAGADH	Sakkarbaugh Zoo, Junagadh
9.	MADRAS	Arignar Anna Zoological Park, Chennai
10.	MYSORE	Sri Chamarajendra Zoological Garden. Mysore
11.	NANDANKAN	Nandankanan Biological Park, Bhubaneswar
12.	PATNA	Sanjay Gandhi Biological Park, Patna
13.	PUNE	Rajiv Gandhi Zoological Park and Research Centre, Pune
14.	RANCHI	Bhagwan Birsa Biological Park, Ranchi
15.	SEPAHIJAL	Sepahijala Zoological Park, Agartala
16.	TIRUPATI	Sri Venkateswara Zoological Park, Tirupati
17.	TRIVANDRU	Thiruvananthpuram Zoo, Thiruvananthpuram
18.	USGOWN	Bondla Zoo, Usgown
19.	VANVIHAR	Van-Vihar National Park, Bhopal
20.	VISAKAPAT	Indira Gandhi Zoological Park, Vishakapatnam