

National Studbook Four Horned Antelope (*Tetracerus quadricornis*)

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]

Published: February, 2018



भारतीय वन्यजीव संस्थान
Wildlife Institute of India



केन्द्रीय चिड़ियाघर प्राधिकरण
Central Zoo Authority

National Studbook of Four Horned Antelope (*Tetracerus quadricornis*)

Published as a part of the Central Zoo Authority sponsored project titled
“Development and maintenance of studbooks for selected endangered species in Indian zoos”

PROJECT PERSONNEL

Junior Research Fellow
Ms. Neema Sangmo Lama

Project Consultant
Anupam Srivastav, Ph.D.

Project Investigator
Dr. Parag Nigam

Copyright © WII, Dehradun, and CZA, New Delhi, 2018

Photo Credits:

Cover photo: Kalyan Varma (https://en.wikipedia.org/wiki/File:Four-horned_Antelope.jpg)

Inside text: Rigelus (https://en.wikipedia.org/wiki/File:Tetracerus_quadricornis_III.jpg)

This report may be quoted freely but the source must be acknowledged and cited as:

Wildlife Institute of India (2018) National Studbook of Four Horned Antelope (*Tetracerus quadricornis*),
Wildlife Institute of India, Dehradun and Central Zoo Authority, New Delhi. TR.No 2018/02 Pages:109.

For correspondence:

Project Investigator, Studbook Project,
Wildlife Institute of India,
PO Box 18, Dehradun, 248001
Uttarakhand, India

FOREWORD

Four horned antelopes endemic to the Indian sub-continent is an important representative of dry deciduous forest habitats, whose survival is threatened due to habitat loss, poaching and competition with livestock for resources making it prone to extinction. Despite protective measures in recent times, the free ranging population continues to decline; therefore, maintenance of viable *ex-situ* populations for ensuring their long-term persistence remains imperative. Effective *ex-situ* conservation of the species can be ensured by scientific management to ensure its long-term survival. This would require management interventions that ensure the maintenance of a genetically viable and demographically stable *ex-situ* population. Pedigree information contained in studbooks forms the basis for this management.

The Central Zoo Authority (CZA) in collaboration with zoos in India has initiated a conservation breeding program for threatened species in Indian zoos. Four horned antelope is a part of the identified species under this initiative. As a part of this endeavour 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 National Studbook of Four Horned Antelope (*Tetracerus quadricornis*) in Indian Zoos. The recommendations contained in the studbook would form the basis for the long term management of the species in captivity.

It is hoped that all holding institutions will adopt the recommendations and keep the WII informed of changes in their populations on a regular basis to enable the timely update of the studbook.

(Dr. D.N. Singh, I.F.S.)
Member Secretary
Central Zoo Authority

ACKNOWLEDGEMENTS

This report is a part of the assignment to the Wildlife Institute of India, Dehradun by the Central Zoo Authority, New Delhi on the development and maintenance of studbooks of selected endangered species in Indian zoos.

The authors are thankful to the Central Zoo Authority for the financial support in carrying out the assignment. The guidance and support extended by Dr. D.N. Singh, IFS, Member Secretary, CZA is gratefully acknowledged. The authors also thank Dr. Brij Kishore Gupta, Evaluation and Monitoring Officer, Dr. Devender Singh, Scientific Officer and the support staff of the Central Zoo Authority for facilitating this work.

The valuable advice and support provided by Dr. V.B. Mathur, Director, WII and Dr. G.S. Rawat, Dean Faculty of Wildlife Sciences, is duly acknowledged.

Authors sincerely acknowledge the support from the Directors, Veterinarians and other personnel from holding zoos (provided below) for providing pedigree information that led to the successful development of the studbook.

Nandankanan Biological Park, Bhubaneswar
Mahendra Chaudhury Zoological Park, Mohali
Sajjagarh Biological Park (Udaipur Zoo), Udaipur
Indira Gandhi Zoological Park, Visakapatnam
Sri Venkateswara Zoological Park, Tirupati
Vanavigyan Kendra, Hunter Road, Warangal
Nehru Zoological Park, Hyderabad
Assam State Zoo cum Botanical Garden, Guwahati
Kanpur Zoological Park, Kanpur
Alipore Zoological Garden, Kolkatta
National Zoological Park, Delhi
Sakkarbaug Zoo, Junagadh
Dr. Shyamaprasad Mukharjee Zoological Garden, Surat
Rajiv Gandhi Zoological Park and Wildlife Research Center, Pune
Kittur Rani Cannamma Nisarg Dhama Mini Zoo, Belgaum
Bannerghatta Biological Park, Bangalore
Sri Chamarajendra Zoological Gardens, Mysore
Van Vihar National Park Zoo, Bhopal

We also thank Mr. Mukesh Arora for layout and design of this document.

Authors

CONTENTS

| | |
|--|-----|
| Species Biology | 1 |
| Status in Captivity | 4 |
| Methods | 5 |
| Scope of the Studbook | 5 |
| Analysis | 5 |
| Demographic Status | 5 |
| Genetic Status | 7 |
| Pairing Recommendations | 7 |
| Target for Population Management | 8 |
| Conclusions and Recommendations | 10 |
| References | 11 |
| Annexure I: Historical Population of Four horned antelope (<i>Tetracerus quadricornis</i>) in Indian Zoos | 13 |
| Annexure II: Four horned antelope (<i>Tetracerus quadricornis</i>) living in Indian Zoos | 28 |
| Annexure III: Pedigree Chart Report of Four horned antelope (<i>Tetracerus quadricornis</i>) | 35 |
| Annexure IV: Location Glossary | 109 |

Species Biology – Four-horned Antelope (*Tetracerus quadricornis*)

The species is widely distributed across India, inhabiting open dry deciduous forests. It is solitary and shy animal, present in low densities across its distribution range. The species is identified by the presence of four horns present only in adult males. They are primarily browsers preferring nutrient rich forage.

Taxonomy

| | |
|---------------------------|-----------------------|
| Kingdom: | Animalia |
| Phylum: | Chordata |
| Class: | Mammalia |
| Order: | Cetartiodactyla |
| Family: | Bovidae |
| Sub-family: | Bovinae |
| Tribe: | Boselaphini |
| Genus: | <i>Tetracerus</i> |
| Species: | <i>quadricornis</i> |
| Species authority: | (de Blainville, 1816) |



The species is placed in family bovidae based on the hollow horn cores (Janis & Scott, 1987). Based on anatomy of the mastoid process, the species is placed in the Sub-family Bovinae (Gentry, 1992). The species retains primitive anatomical and behavioural characteristics (Sharma and Rahmani, 2004) and is placed in the tribe Boselaphini along with Nilgai due to shared similarities of hollow horn cores and the placement of horns in the cranium (Gentry, 1992). They are a monotypic species in the genus *Tetracerus* and endemic to the Indian subcontinent; being distinguished from true antelopes by the absence of rings on the horns (Sharma and Rahmani, 2004). Three distinct subspecies *Tetracerus quadricornis quadricornis*, *T. q. iodes*, and *T. q. subquadricornis* based differences in their distribution range and morphological features are recognized (Groves 2003; Groves and Grubb, 2011). The taxonomy of the species based on anatomical and morphological features was supported by DNA phylogenetic studies of the family that placed Four horned antelopes with Nilgai in the Subfamily Bovinae and Tribe Boselaphini (Hassanin and Douzery, 1999; Ropiquet, 2006).

Table 1: Sub-species level differences in *Tetracerus quadricornis*

| Characteristics | Subspecies | | | Source |
|-----------------------------|---------------------------------------|--|---|---|
| | <i>T. q. quadricornis</i> | <i>T. q. iodes</i> | <i>T. q. subquadricornis</i> | |
| Distribution | Central India, | Northern India and Nepal | Southern India | Krishna et al. 2009 |
| Size | Large in size | Similar in size as compared to <i>T. q. quadricornis</i> | Smaller in size | Krishna et al. 2009; Groves and Grubb, 2011 |
| Horns | Large horns | Smaller horns | Anterior pair of horns absent. Horns longer | Groves and Grubb, 2011 |
| Mean length of horns | Posterior 90.7 mm Anterior 48.6 mm | Posterior 73.5 mm Anterior 20.7 mm. | Posterior 83.5 mm | Groves and Grubb, 2011 |
| Nasal bones | Nasal bones narrow | Nasal bones wider | Nasal bones broad | Groves and Grubb, 2011 |

Natural history:

The species is small in size with a light brown coloration (Krishna et al. 2009). The pelage is less dense, short, and lighter in summer but denser, coarser, and darker in winter; the colouration of different subspecies probably varies (Groves 2003). The muzzle, back of ears, and anterior strips down legs are tinged with black; white spots on each cheek, have been reported in some animals (Leslie 2008) conspicuous white rings are present just above the hooves (Sharma and Rahmani 2004). Males are distinct with two pairs of horns, while the females are hornless. The anterior pair of horns is always shorter than the posterior with the front pair either horn-covered studs or just bony knobs (Prater 1971). The posterior pair starts developing within the first few months, while the anterior pair starts developing by 14 – 15 months of age (Sharma and Rahmani 2004). The shoulder height of animals ranges from 55 – 65 cm and they weigh between 20 – 22 kg (Menon 2003). The species has preorbital glands (Sharma and Rahmani 2004) and well-developed ungual glands above dewclaws on hind limbs (Prater 1971; Gosling 1985).

Habitat:

The species is a habitat generalist inhabiting dry deciduous mixed savanna forests with limited human disturbance (Prater 1971; Singh 2001; Sharma et al. 2005; Sharma 2006). In Bandipur Krishna et al. (2008) reported a preference for similar habitat that are subject to intermittent fires. They also reported the avoidance of areas dominated by Lantana. Similar observations were reported by Baskaran et al. (2011) from Mudumalai Wildlife Sanctuary. Sharma and Rahmani (2004) observed a tendency of the animal to hide rather than flee. This characteristic of the animal was attributed for its preference for forested areas with thickets in savanna. They use areas with closed canopy and dense understory vegetation for resting and rearing young.

Herbivorous animals with a ruminal digestive system, they prefer to feed on nutrient rich fruits, flowers and fresh leaves (Sharma et al. 2005). Trials in captivity revealed in descending order, preference for legumes, other herbaceous species, woody species, and grasses, indicating a selection of the nutrient rich forage (Solanki and Naik 1998). Analysis of pellets from animals at Mudumalai Wildlife Sanctuary revealed the presence of 24 plant species to be a part of the diet of the animals (Baskaran et al. 2011) with grasses contributing 28.6% of the diet followed by shrubs (5.6%), trees (8.2%) and herbs (6.7%).

Social Organization Behaviour

They are primarily solitary animals with reported group sizes ranging from two in Nagarhole National Park (Karanth and Sunquist 1992) to a maximum of four in Gir National Park (Berwick 1974). Detailed studies from Panna National Park indicate that 69% of the animals observed were solitary, while 24% of the animals were observed to be in pairs; the group size was reported to vary seasonally with a mean group size of 1.1 in November to high of 1.6 in May attributed to male female associations during the breeding season (Sharma et al. 2005). Field observations from Panna (Sharma and Rahmani 2004) suggest exclusive home ranges and territories for both males and females, with individuals aggregating in small groups to share critical resources. Territorial markings are done by the use of common latrine sites used for defecation and urination, along with secretions of the pre-orbital glands. Studies on activity pattern of the species from Mudumalai Wildlife Sanctuary revealed a bimodal activity pattern with morning and evenings devoted to foraging, midday time was spent in resting along the roadsides and utilizing artificial salt licks (Baskaran 2011).

Reproduction

Studies in captivity (Shull 1958; Acharyo 1975) and those on free ranging animals (Prater 1971; Sharma et al. 2005) suggest that the reproductive activity is seasonal with mating taking place during early monsoon (May - July) and fawning during spring (February - April). Reproductive behaviour described by (Sharma et al. 2005) is similar to that described for Nilgai. Males associate with females for copulation with the rest of the parental investment in terms of gestation and caring of young being provided by the females.

Females are sexually mature by one year of age as suggested by Acharjyo and Misra (1975) who reported the age at first birth to be 21 months for two captive females based on a eight month long gestation period reported by Shull (1958). At birth a larger proportion of the fawns were twins (Mauget et al. 2000). Acharjyo and Misra (1975) from observations based on a single female reported inter-birth intervals of 285 and 327 days; similar information from free ranging animals is however, not available in literature.

Distribution:

The species is endemic to the Indian subcontinent inhabiting dry deciduous savanna grasslands in Peninsular Indian and Indus divisions of the Indian Subregion in the Asian Indomalayan Region (Corbet and Hill 1992). The species is present only in India and Nepal, with a large area of occupancy in Central India, fragmented populations in southern India and Himalayan foothills and the Gangetic plains and an isolated populations in Gir National Park, in western India

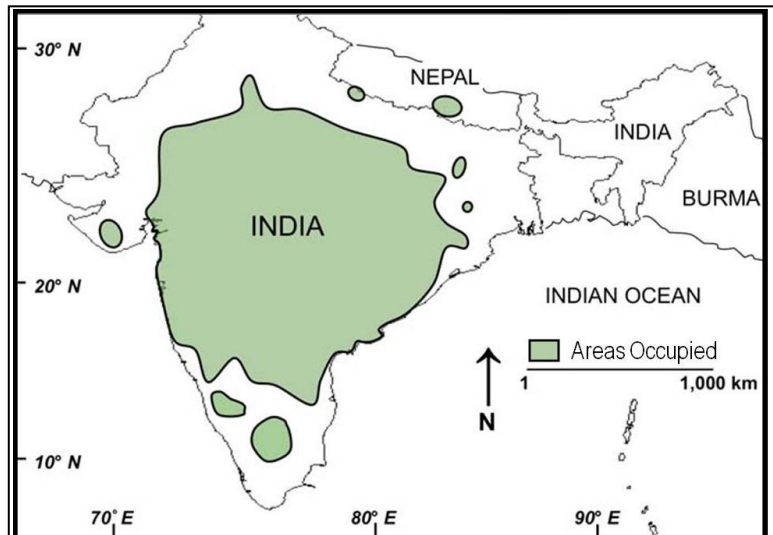


Figure 1: Distribution range of Four horned antelope (Source: Leslie and Sharma 2009)

(Sharma et al. 2005; Sharma 2006). The species includes three subspecies with *T. q. quadricornis* occurring in Central India; *T. q. iodes* occurring in northern India and Nepal while *T. q. subquadricornis* occurs in southern India (Krishna et al. 2009).

Threats and Conservation Status

Major threats to the species include habitat destruction, poaching and competition with livestock (IUCN SSC Antelope Specialist Group, 2017). These threats have resulted in the species being listed in Schedule I of the Wildlife Protection Act (1972) and as Vulnerable in the IUCN Red List of Threatened Species (IUCN SSC Antelope Specialist Group, 2017).

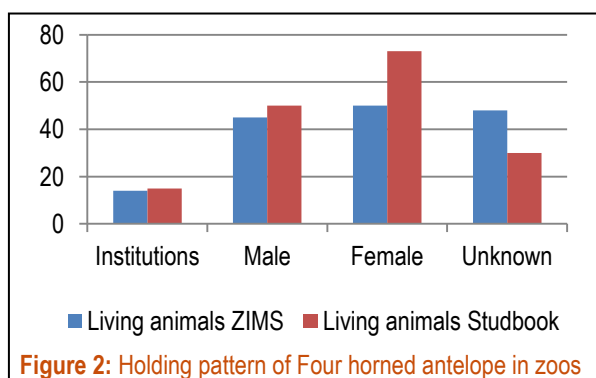


Figure 2: Holding pattern of Four horned antelope in zoos

Status in Captivity

The species is held at 14 institutions in the Indian subcontinent, the population includes 143 (45.50.58) specimens according to the ZIMS database. The database includes records only one Institution outside India the National Trust for Nature Conservation, Kathmandu as holding 3 (2.1) specimens in Nepal. The CZA inventory (Table 2) indicates the presence of 261(91.120.50) specimens, at 23 Indian zoos while the data that was made available by 15 holding zoos for the compilation of the studbook includes 153 (50.73.30) specimens.

Table 2: Status of Four horned antelope in Indian Zoos

| Zoo Name | CZA inventory * | | | | Based on data made available by holding zoos | | | |
|--|-----------------|------------|-----------|------------|--|-----------|-----------|------------|
| | Male | Female | Unsexed | Total | Male | Female | Unsexed | Total |
| Nandankanan Biological Park, Bhubaneswar | 2 | 1 | 1 | 4 | 5 | 5 | 6 | 16 |
| Mahendra Chaudhury Zoological Park, Mohali | 3 | 2 | 0 | 5 | 2 | 2 | 0 | 4 |
| Sajjagarh Biological Park (Udaipur Zoo), Udaipur | 1 | 0 | 0 | 1 | -- | -- | -- | -- |
| Indira Gandhi Zoological Park, Visakapatnam | 1 | 3 | 0 | 4 | 2 | 3 | 0 | 5 |
| Sri Venkateswara Zoological Park, Tirupati | 5 | 3 | 3 | 11 | 6 | 3 | 0 | 9 |
| Vanavigyan Kendra, Hunter Road, Warangal | 3 | 8 | 2 | 13 | 2 | 6 | 0 | 8 |
| Nehru Zoological Park, Hyderabad | 3 | 4 | 0 | 7 | 3 | 4 | 2 | 9 |
| Assam State Zoo Cum Botanical Garden, Guwahati | 4 | 6 | 5 | 15 | 2 | 2 | 0 | 4 |
| Kanpur Zoological Park, Kanpur | 1 | 1 | 0 | 2 | 2 | 3 | 1 | 6 |
| Marble Palace Zoo, Kolkatta | 2 | 2 | 0 | 4 | -- | -- | -- | -- |
| Alipore Zoological Garden, Kolkatta | 1 | 1 | 2 | 4 | -- | -- | -- | -- |
| National Zoological Park, Delhi | 3 | 1 | 0 | 4 | 2 | 3 | 0 | 5 |
| Sakkarbaug Zoo, Junagadh | 6 | 7 | 11 | 24 | 9 | 28 | 0 | 37 |
| Dr Shyamaprasad Mukharjee Zoological Garden, Surat | 3 | 3 | 0 | 6 | 7 | 4 | 0 | 11 |
| Bondla Zoo, Bondla | 1 | 1 | 0 | 2 | -- | -- | -- | -- |
| Rajiv Gandhi Zoological Park And Wildlife Research Center, Pune | 4 | 1 | 0 | 5 | 3 | 2 | 0 | 5 |
| Kittur Rani Cannamma Nisarg Dhama Mini Zoo, Belgaum | 3 | 2 | 0 | 5 | 2 | 2 | 0 | 4 |
| Indira Priyadarshini Sangrahalaya, Anagodur, Davanagere | 0 | 1 | 0 | 1 | -- | -- | -- | -- |
| Bannerghatta Biological Park, Bangalore | 1 | 3 | 1 | 5 | 1 | 1 | 0 | 2 |
| Amtes Animal Ark, Godchiroli | 1 | 3 | 0 | 4 | | | | |
| Karuna Society For Animals And Nature-Rescue Centre, Puttaparthi | 1 | 0 | 0 | 1 | -- | -- | -- | -- |
| Sri Chamarajendra Zoological Gardens, Mysore | 6 | 10 | 9 | 25 | 2 | 5 | 21 | 28 |
| Van Vihar National Park Zoo, Bhopal | 7 | 3 | 0 | 10 | -- | -- | -- | -- |
| Nandanvan Jungle Safari (Naya Raipur), Raipur | 6 | 8 | 4 | 18 | -- | -- | -- | -- |
| Maharajbag Zoo, Nagpur | 1 | 1 | 0 | 2 | -- | -- | -- | -- |
| Sanjay Gandhi National Park And Zoo, Mumbai | 4 | 11 | 1 | 16 | -- | -- | -- | -- |
| Kanan Pendari Zoo, Bilaspur | 10 | 12 | 0 | 22 | -- | -- | -- | -- |
| Indira Gandhi Park Zoo, Rourkela | 4 | 4 | 0 | 8 | -- | -- | -- | -- |
| Wild Animal Conservation Center, Sambalpur | 4 | 18 | 11 | 33 | -- | -- | -- | -- |
| Total | 91 | 120 | 50 | 261 | 50 | 73 | 30 | 153 |

* Source: <http://cza.nic.in/inventory.html> downloaded on 23/02/2018)

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 Mouse deer 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 whom records were available from holding institutions; efforts were also made to retrieve information from the taxon report of the species from the Species360 website.
- 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 (Appendix IV). The mnemonic India was used for all specimens acquired from the wild; while for animals released the mnemonic GUJARAT was used.
- The CZA inventory was used as a benchmark for population estimates and deviations from the same (Table 1) are attributed to unavailability of required information from holding institutions though repeated requests for the same were made. Further, the information from holding institutions has not been uploaded on the Species360 website.

Analysis

Demographic Status

Historical Population

The studbook records 350 (157.161.32) specimens housed at 20 Indian zoos. The first recorded entry of the species in captivity was at Sakkarbaug Zoo, Junagadh in 1979, with a wild origin doe being acquired by the zoo. Growth in the population has been primarily due to captive births with wild origin specimens; [84 (42.42.0)] forming only 24% of the captive population. A total of 266 (115.119.32) births have occurred in captivity accounting for 76% of the total population. The captive births are attributed to 33(16.17) i.e. approximately 9% of the captive

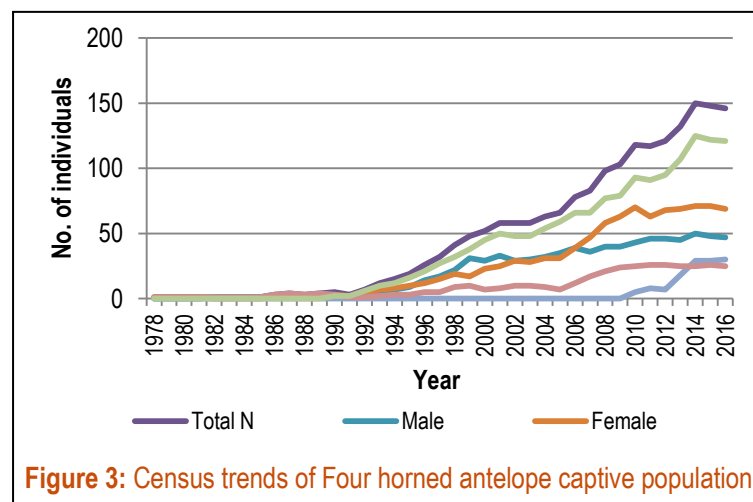


Figure 3: Census trends of Four horned antelope captive population

Table 3: Summary of the historical population

| | Males | Females | Unknown | Total |
|----------------------------|-------|---------|---------|-------|
| Studbook size | 157 | 161 | 32 | 350 |
| Acquisitions from wild | 42 | 42 | 0 | 84 |
| Captive births | 115 | 119 | 32 | 266 |
| Unknown origin individuals | 0 | 0 | 0 | 0 |
| Deaths | 107 | 88 | 2 | 197 |
| Breeding individuals | 16 | 17 | 0 | 33 |

population is reproductively active. The population since its inception has also witnessed 197 (107.88.2) deaths. The sex ratio is approximately equitable till 2006, thereafter a female bias is observed. Figure 3 and Table 3 summarize the trends of the historical population while Annexure I includes detailed event-wise information on individual specimens.

Living Population:

The living population includes 153 (50.73.30) specimens housed at 15 institutions; this includes 29 (14.15.0) wild origin specimens. Only 8.4% or 13 (6.7.0) animals are proven breeders in the living population.

Table 4 summarizes the status of the living population while Annexure II provides location-wise specimen details of the living individuals.

Table 4: Summary of the living population

| | Males | Females | Unknown | Total |
|--------------------------|-------|---------|---------|-------|
| Living individuals | 50 | 73 | 30 | 153 |
| Wild-born individuals | 14 | 15 | 0 | 29 |
| Captive-born individuals | 36 | 58 | 30 | 124 |
| Breeding individuals | 6 | 7 | 0 | 13 |

Population Vital Rates

The population is currently declining at a rate of 0.322%; with males declining at approximately 0.4%. The captive population has a short generation time of 4.7 years a

consequence of its natural history as the species reaches sexual maturity at approximately a year in captivity. The declining population trend is also reflected in the projected population after 20 years with a loss of 94 individuals in the population. The accuracy of the life table analysis carried out to arrive at the conclusions is limited by the small number of known age and sex specimens in the population.

Table 5: Vital rates of the captive population

| | Male | Female | Total |
|---|-------|--------|-------|
| λ : Population growth rate | 0.602 | 0.765 | 0.678 |
| T: Generation time | 3.2 | 6.1 | 4.7 |
| N 20: Projected population after 20 years | 20.8 | 38.5 | 59.3 |

Age Distribution

Age distribution of 126 (40.66.30) known age living specimens indicates a female bias with 68 (23.45) animals of known age and sex in reproductively active age classes (>1 – 6 years for males and >1 – 9 years for females Figure). An additional 30 specimens of unknown sex are also present in the reproductively active age classes. It also shows the presence of 28 specimens of either sex in the post reproductive age class. A comparison of table 4 and figure 4; however, indicates that while a large number of animals in the reproductively active age classes

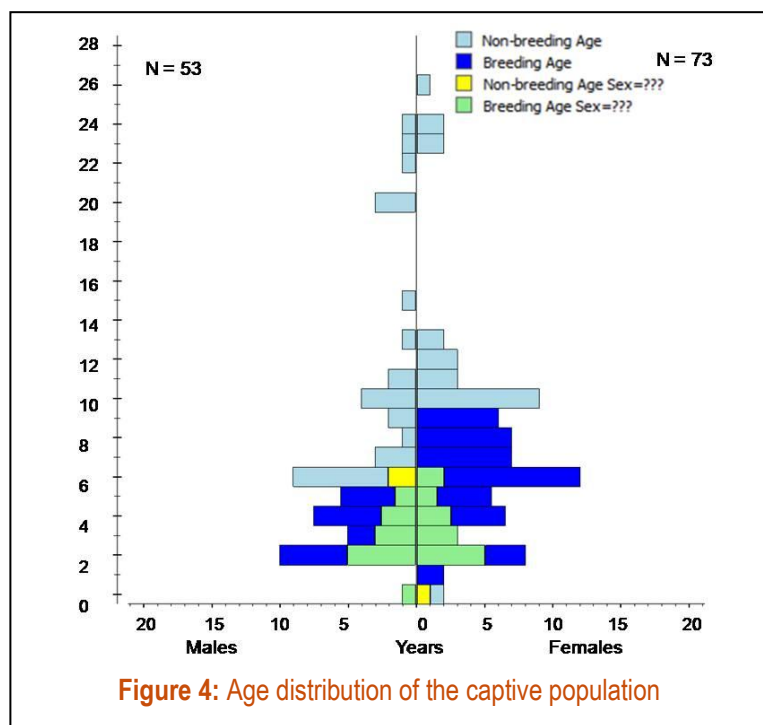


Figure 4: Age distribution of the captive population

are present in the population only a small proportion of the individuals are effectively contributing to the growth of the population leading to the observed decline.

Genetic Status

Table 6 summarizes the genetic status of the living population. Analysis indicates that it originates from 16 founders although the population includes 84 (42.42) wild origin specimens. The living population of 153 specimens retains only 93.64% of the genetic diversity brought in by these 16 founders. Limitations to effective record keeping due to inadequate marking of individual specimens are reflected in only 31% of the specimens having known pedigrees.

Table 6: Genetic summary

| Genetic parameters | Current |
|----------------------------|---------|
| Founders | 16 |
| Living Animals | 153 |
| Percent Ancestry Known | 31% |
| Gene Diversity | 0.9364 |
| Founder Genome Equivalents | 7.87 |
| Mean Inbreeding | 0.000 |
| Population mean kinship | 0.0636 |
| Ne/N | 0.14 |

The unequal representation of the 16 founders in the living population has resulted in the population retaining the founder genome of only 7.87 wild origin specimens. The population is characterized by limited breeding between related individuals as is reflected by the values of mean inbreeding and population mean kinship. Approximately 14% of the population or 22 specimens in the current population are reproductively active.

Pairing Recommendations

The pairing recommendations (table 7) 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 only 14 pairs though the population includes 68(23.45) specimens of known sex and 30 animals of unknown sex in the reproductively active age classes as details of parentage are not available for the remaining animals.

Table 7: Pairing recommendations

| Sire | Location | Dam | Location | MSI |
|------|--------------|-----|--------------|-----|
| 104 | SURAT | 103 | SURAT | 1 |
| 184 | PUNE | 298 | PUNE | 1 |
| 262 | SURAT | 214 | JUNAGADH | 1 |
| 288 | VISAKAPATNAM | 211 | VISAKAPATNAM | 1 |
| 289 | VISAKAPATNAM | 290 | VISAKAPATNAM | 1 |
| 304 | HYDERABAD | 235 | TELANGANA | 1 |
| 304 | HYDERABAD | 301 | HYDERABAD | 1 |
| 344 | NANDANKANAN | 275 | NANDANKANAN | 1 |
| 345 | NANDANKANAN | 291 | VISAKAPATNAM | 1 |
| 184 | PUNE | 329 | PUNE | 2 |
| 243 | MYSORE | 234 | MYSORE | 2 |
| 289 | VISAKAPATNAM | 235 | TELANGANA | 2 |
| 302 | PUNE | 278 | KARNATAKA | 2 |
| 328 | PUNE | 336 | HYDERABAD | 2 |

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.

Targets for Population Management

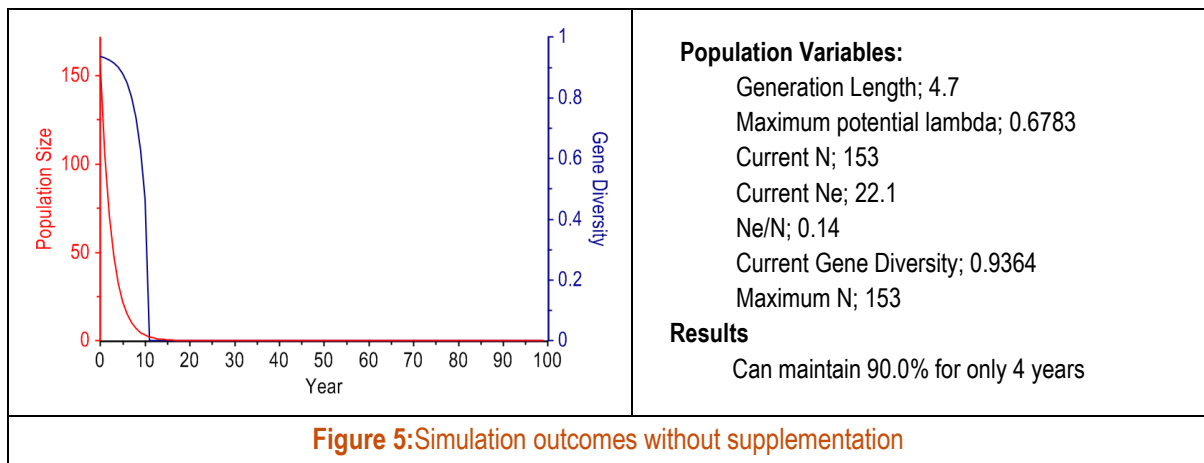
The current captive population of Four horned antelope in Indian zoos includes 153 (50.73.30) individuals. It includes 29 (14.15.0) wild origin specimens of which 16 have contributed to the population. The population also includes a large proportion of animals with no information on sex, parentage and dates of entry. The population shows a decline with a λ of 0.6783 per annum. The population retains a high level of genetic diversity (93.64% introduced from 16 founders) and a low level of relatedness (Mean Inbreeding: 0.00 and Population mean kinship: 0.0636).

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:

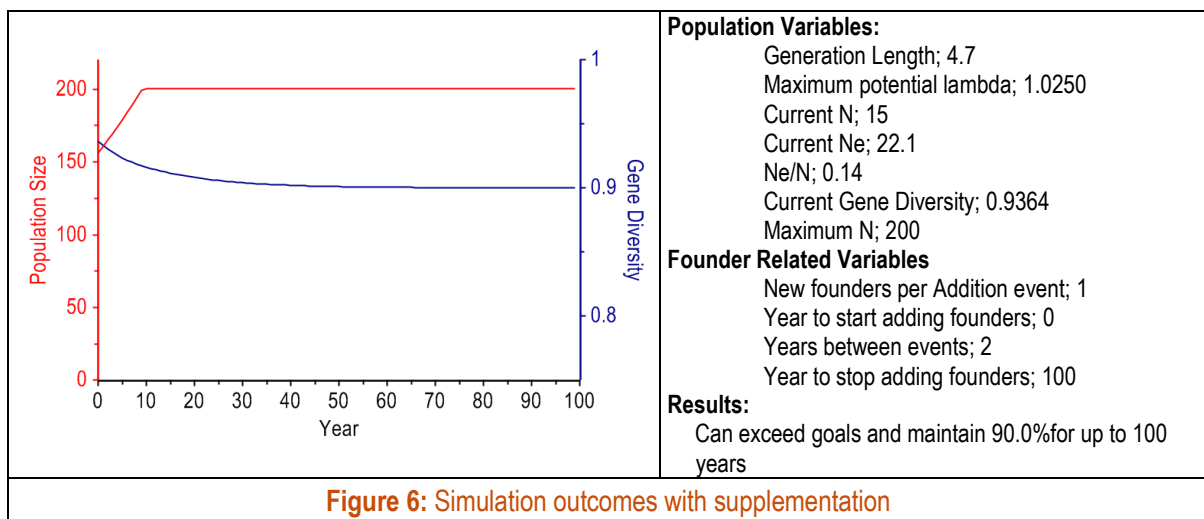
The simulation was run using the current population variables without supplementation with additional animals. The outcomes indicate that the population was unlikely to survive over the next 100 years and

would be unable to achieve the goal of maintaining a demographically stable and genetically viable population in captivity. 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 a maximum potential lambda of 1.0250, increasing the maximum size of the population to 200 specimens and supplementation with one effective founder every two years provided a population that was able to achieve the goals of maintaining 90% of the genetic diversity and a demographically stable population. The population and founder related variables, and the simulation outcome are presented as Figures 6. The increase in population growth rate can be achieved by ensuring that all reproductively active specimens get an opportunity to contribute to the growth of the population. The inclusion of additional effective founders should target lineages that are over-represented to ensure maximum genetic diversity in the captive population.



Conclusions and Recommendations

Four horned antelopes continue to face threats to their long term survival in their natural habitats across their distribution range and are accordingly listed as Vulnerable in the IUCN Red List of Threatened Species and in the Schedule I of the Wildlife Protection Act of India. 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.

The captive population in Indian zoos is characterized by a declining trend ($\lambda = 0.0676$). The population remains biased towards females with a limited number of proven breeders, though a large proportion belong to reproductively active age classes. It retains approximately 93% genetic diversity introduced by 16 founders. Values of population mean inbreeding and mean kinship indicate that specimens are unrelated to each other; however, the founder genome is poorly represented with the population containing genetic diversity of approximately only 8 founder animals.

Population simulations run using PMx software indicate that supplementation with one effective founder every two years and increasing the population growth rate to 1.0252 and population size to 200 specimens in Indian institutions can ensure that the population remains viable over the next 100 years.

The captive population of Four horned antelope in Indian zoos therefore requires intensive management efforts towards ensuring achievement of *ex-situ* conservation goals to address the following concerns:

1. Additional housing facilities are required to ensure availability of adequate space for holding the additional number of specimens needed for maintaining a genetically viable and demographically stable population.
2. The wild origin specimens that are currently present in the population should be assessed for relatedness using appropriate molecular genetics tools. The assessment so carried out should form the basis for deciding mate choice.
3. Issues that limit optimum reproductive performance of the captive population *viz.* housing and husbandry practices and keeping of unpaired animals need to be addressed for ensuring effective population growth.

References

- Acharjyo, L. N., and Misra, R. (1975). A note on the breeding habits of four-horned antelope (*Tetracerus quadricornis*) in captivity. *Journal of the Bombay Natural History Society* 72:529–530.
- Ballou, J.D., Lacy, R.C. and Pollak, J.P. (2011). PMx: software for demographic and genetic analysis and management of pedigreed populations (version 1.2). Chicago Zoological Society, Brookfield, IL, USA. Available from: <http://www.vortex10.org/PMx.html>
- Baskaran, N., Kannan, V., Thiyagesan, K. and Desai, A.A. (2011). Behavioural ecology of four-horned antelope (*Tetracerus quadricornis* de Blainville, 1816) in the tropical forests of southern India. *Mammalian Biology-Zeitschrift für Säugetierkunde* 76 (6), 741-747
- Corbet, G.B. and Hill, J.E. (1992). *The mammals of the Indomalayan region: a systematic review*. Oxford University Press, Oxford, United Kingdom.
- Gentry, A.W. (1992). The subfamilies and tribes of the family Bovidae. *Mammal Review* 22:1– 32.
- Gosling, L. M. (1985). The even-toed ungulates: order Artiodactyla: sources, behavioural context, and function of chemical signals. Pp. 550–618 in *Social odours in mammals* (R. E. Brown and D. W. Macdonald, eds.). Vol. 2. Clarendon Press, Oxford, United Kingdom.
- Groves, C. (2003). Taxonomy of ungulates of the Indian subcontinent. *Journal of the Bombay Natural History Society* 100:314–362.
- Groves, C., and P. Grubb. 2011. *Ungulate Taxonomy*. Johns Hopkins University Press, USA
- Hassanin, A., and Douzery. E. P. J. (1999). The tribal radiation of the family Bovidae and the evolution of the mitochondrial cytochrome b gene. *Mol. Phylogenet. Evol.* 13: 227–243.
- ISIS (International Species Information System) (2004). SPARKS 1.54: Single Population Analysis and Records Keeping System. Eagan, MN: International Species Information System. Available from: www.isis.org
- IUCN SSC Antelope Specialist Group. (2017). *Tetracerus quadricornis*. The IUCN Red List of Threatened Species 2017: e.T21661A50195368. <http://dx.doi.org/10.2305/IUCN.UK.2017-2.RLTS.T21661A50195368.en>.
- Janis, C.M. and Scott, K.M. (1987). The interrelationships of higher ruminant families with special emphasis on the members of the Cervoidea. *American Museum Novitates* 2893:1– 85.
- Karanth, K. U., and Sunquist, M.E. (1992). Population structure, density and biomass of large herbivores in the tropical forests of Nagarhole, India. *Journal of Tropical Ecology* 8:21–35.
- Krishna, Y.C., Clyne, P.J., Krishnaswamy, J. and Kumar, N.S. (2008). Habitat factors affecting site occupancy and relative abundance of four-horned antelope. *Journal of Zoology* 276: 63–70
- Krishna, Y.C., Clyne, P.J., Krishnaswamy, J. and Kumar, N.S. (2009). Distributional and ecological review of the four horned antelope, *Tetracerus quadricornis*. *Mammalia* 73: 1–6

- Leslie, D. M., Jr. (2008). *Boselaphus tragocamelus* (Artiodactyla: Bovidae). *Mammalian Species* 813:1–16.
- Mauget, C., Mauget, R. and Dubost, G. (2000). *Ex-situ* conservation of the four-horned antelope: preliminary study of captive populations in the zoological parks of Paris. 3rd International Symposium on Physiology and Ethology of Wild and Zoo Animals, *Advances in Ethology, Supplement to Ethology* 35:97.
- Menon, V. (2003). A field guide to Indian mammals. Dorling Kindersley (India) Pvt. Ltd., New Delhi, India. pp. 200.
- Prater, S.H. (1971). The book of Indian animals. Bombay Natural History Society, Mumbai, India. pp. 271–272.
- Ropiquet, A. 2006. Étude des radiations adaptatives au sein des Antilopinae (Mammalia, Bovidae). PhD. diss., Université Paris 6. (Cross ref. In Groves and Grubb 2011)
- Sharma, K., and Rahmani, A.R. (2004). Four horned antelope or Chowsingha (*Tetracerus quadricornis* Blainville). Pp. 53-60. In: K. Sankar and S.P. Goyal (Eds.) *Ungulates of India*. ENVIS Bulletin: Wildlife and Protected Areas, Vol. 07, No. 1. Wildlife Institute of India, Dehradun, India. Pp. 448.
- Sharma, K., Rahmani, A. R.; and Chundawat' R. S. (2005). Ecology and distribution of four-horned antelope *Tetracerus quadricornis* in India. Bombay Natural History Society, Mumbai, India.
- Sharma, K. (2006). Distribution, status, ecology, and behavior of the four-horned antelope (*Tetracerus quadricornis*). Ph.D. dissertation, University of Mumbai, Mumbai, India.
- Shull, E. M. (1958). Notes on the four-horned antelope *Tetracerus quadricornis* (Blainville). *Journal of the Bombay Natural History Society* 55:10–11.
- Singh, H. S. (2001). Antelopes and gazelles: distribution and population status in Gujarat, India. *Indian Forester* 127:1098–1106.
- Solanki, G. S. and Naik, R. M. (1998). Grazing interactions between wild and domestic herbivores. *Small Ruminant Research* 27: 231–235.

Annexure I

Historical Population of Four horned antelope (*Tetracerus quadricornis*) in Indian Zoos

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|-------------------|--|------------------------------|
| 1 NONE | F | ???? | WILD | WILD | INDIA JUNAGADH | ???? 15-Jan-79 13-Dec-83 | Capture Transfer Death |
| 2 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 23-Jun-83 20-Jun-86 | Capture Transfer Death |
| 3 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 01-Jun-85 18-Jul-85 | Capture Transfer Death |
| 4 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 26-Jan-86 21-Mar-86 | Capture Transfer Death |
| 5 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 26-Jan-86 14-May-86 | Capture Transfer Death |
| 6 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 26-Jan-86 25-Apr-89 | Capture Transfer Death |
| 7 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 09-Jan-87 24-Aug-92 | Capture Transfer Death |
| 8 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 02-Sep-87 09-Dec-87 | Capture Transfer Death |
| 9 | F | ???? | WILD | WILD | INDIA JUNAGADH | ???? 02-Sep-87 07-Sep-87 | Birth Transfer Death |
| 10 NONE | F | ???? | WILD | WILD | INDIA JUNAGADH | ???? 03-Sep-87 07-Sep-87 | Capture Transfer Death |
| 11 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 06-Sep-87 21-Oct-87 | Capture Transfer Death |
| 12 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ???? 06-Sep-87 08-Sep-87 | Capture Transfer Death |
| 13 NONE | F | ???? | WILD | WILD | INDIA JUNAGADH | ~25 Aug 1987 09-Sep-87 14-Jul-91 | Capture Transfer Death |
| 14 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ~ 2 May 1988 23-May-88 12-Aug-96 | Capture Transfer Death |
| 15 NONE | F | ???? | WILD | WILD | INDIA JUNAGADH | ~20 Jul 1990 30-Jul-90 16-Oct-92 | Capture Transfer Death |
| 16 | F | 12-Sep-90 | 14 | 13 | JUNAGADH | 12-Sep-90 06-Oct-90 | Birth Death |
| 17 | F | 12-Sep-90 | 14 | 13 | JUNAGADH | 12-Sep-90 30-Dec-90 | Birth Death |
| 18 | F | 23-Oct-91 | 7 | 15 | JUNAGADH | 23-Oct-91 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|--|------------------------------|
| | | | | | | 16-Mar-98 | Death |
| 19 | F | 23-Oct-91 | 7 | 15 | JUNAGADH | 23-Oct-91 | Birth |
| 20 22 | M | 08-Sep-93 | 14 | 18 | JUNAGADH KANPUR | 08-Sep-93 15-Nov-98 | Birth Transfer |
| 21 23 | F | 08-Sep-93 | 14 | 18 | JUNAGADH KANPUR | 08-Sep-93 15-Nov-98 | Birth Transfer |
| 22 | M | 27-Sep-93 | 14 | 19 | JUNAGADH | 27-Sep-93 21-Dec-95 | Birth Death |
| 23 33 | F | 27-Sep-93 | 14 | 19 | JUNAGADH KANPUR | 27-Sep-93 15-Nov-98 | Birth Transfer |
| 24 | M | 12-Sep-94 | 14 | 19 | JUNAGADH DELHI | 12-Sep-94 26-Aug-99 | Birth Transfer |
| 25 | F | 12-Sep-94 | 14 | 19 | JUNAGADH DELHI | 12-Sep-94 26-Aug-99 | Birth Transfer |
| 26 NONE | F | ???? | WILD | WILD | INDIA CALCUTTA | ???? ~ Sep 1994 02-Feb-97 | Capture Transfer Death |
| 27 | M | 27-Sep-94 | 14 | 19 | JUNAGADH | 27-Sep-94 17-Oct-97 | Birth Death |
| 28 | F | 27-Sep-94 | 14 | 19 | JUNAGADH DELHI | 27-Sep-94 26-Aug-99 | Birth Transfer |
| 29 NONE | M | ~ 1993 | WILD | WILD | INDIA JUNAGADH | 12-Jan-95 12-Jan-95 12-Aug-96 | Capture Transfer Death |
| 30 80 | M | 02-Oct-95 | UNK | UNK | JUNAGADH DELHI | 02-Oct-95 26-Aug-99 | Birth Transfer |
| 31 | F | 02-Oct-95 | UNK | UNK | JUNAGADH | 02-Oct-95 05-Dec-97 | Birth Death |
| 32 | M | 26-Oct-95 | UNK | UNK | JUNAGADH | 26-Oct-95 28-Feb-00 | Birth Death |
| 33 | M | 04-Jan-96 | UNK | UNK | JUNAGADH | 04-Jan-96 05-Oct-01 | Birth Death |
| 34 | F | 19-Jan-96 | UNK | UNK | JUNAGADH | 19-Jan-96 02-Sep-00 | Birth Death |
| 35 | M | 11-Sep-96 | UNK | UNK | JUNAGADH | 11-Sep-96 12-Jul-01 | Birth Death |
| 36 | M | 11-Sep-96 | UNK | UNK | JUNAGADH | 11-Sep-96 12-Jul-01 | Birth Death |
| 37 NONE | M | ???? | WILD | WILD | INDIA JUNAGADH | ~24 Aug 1996 17-Sep-96 12-Nov-01 | Capture Transfer Death |
| 38 NONE | F | ~ 1995 | WILD | WILD | INDIA JUNAGADH | ~25 Dec 1996 16-Jan-97 02-Dec-97 | Capture Transfer Death |
| 39 NONE | M | ~ 1996 | WILD | WILD | INDIA JUNAGADH | ~ 1 Jan 1997 16-Jan-97 12-Nov-01 | Capture Transfer Death |
| 40 NONE | M | ???? | WILD | WILD | INDIA VISAKAPAT | ~ 1 Feb 1997 ~ 1997 06-Jun-99 | Capture Transfer Death |
| 41 NONE | F | ???? | WILD | WILD | INDIA VISAKAPAT | ~12 Feb 1997 ~ 1997 ~ 1999 | Capture Transfer Death |
| 42 | F | ???? | WILD | WILD | INDIA | ~ 2 Mar 1997 | Capture |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------------|---------------------------------|---|
| NONE | | | | | VISAKAPAT | ~ 1997 19-Apr-01 | Transfer Death |
| 43 | M | 04-Apr-97 | UNK | UNK | JUNAGADH | 04-Apr-97 10-Oct-01 | Birth Death |
| 44 | F | 04-Apr-97 | UNK | UNK | JUNAGADH | 04-Apr-97 05-Jun-97 | Birth Death |
| 45 | M | 17-Apr-97 | UNK | UNK | JUNAGADH INDIA LTF | 17-Apr-97 12-Jun-03 | Birth LTF (Released in Devaliya Safari Park) |
| 46 | M | 23-Apr-97 | UNK | UNK | JUNAGADH INDIA LTF | 23-Apr-97 12-Jun-03 | Birth LTF (Released in Devaliya Safari Park) |
| 47 | M | 23-Apr-97 | UNK | UNK | JUNAGADH INDIA LTF | 23-Apr-97 12-Jun-03 | Birth LTF (Released in Devaliya Safari Park) |
| 48 | M | 31-Aug-97 | 27 | 28 | JUNAGADH | 31-Aug-97 19-Oct-97 | Birth Death |
| 49 | F | 03-Sep-97 | 27 | UNK | JUNAGADH | 03-Sep-97 05-Sep-98 | Birth Death |
| 50 | F | 26-Sep-97 | UNK | UNK | JUNAGADH | 26-Sep-97 13-Jun-03 | Birth Death |
| 51 | F | 30-Sep-97 | UNK | UNK | JUNAGADH | 30-Sep-97 15-Nov-99 | Birth Death |
| 52 | F | 23-Jan-98 | UNK | UNK | JUNAGADH | 23-Jan-98 04-Nov-03 | Birth Death |
| 53 | M | 23-Jan-98 | UNK | UNK | JUNAGADH | 23-Jan-98 16-Feb-04 | Birth Death |
| 54 | F | 23-Jan-98 | UNK | UNK | JUNAGADH | 23-Jan-98 03-Aug-04 | Birth Death |
| 55 | F | 13-Feb-98 | UNK | UNK | JUNAGADH | 13-Feb-98 08-Nov-06 | Birth Death |
| 56 | F | 13-Feb-98 | UNK | UNK | JUNAGADH | 13-Feb-98 18-Dec-08 | Birth Death |
| 57 | F | 17-Sep-98 | UNK | UNK | JUNAGADH | 17-Sep-98 15-Nov-08 | Birth Death |
| 58 | M | 24-Sep-98 | UNK | UNK | JUNAGADH | 24-Sep-98 27-Apr-02 | Birth Death |
| 59 | M | 24-Sep-98 | UNK | UNK | JUNAGADH | 24-Sep-98 06-Sep-02 | Birth Death |
| 60 NONE | F | ???? | WILD | WILD | INDIA CALCUTTA | ???? ~ Jun 1999 14-Dec-00 | Capture Transfer Death |
| 61 NONE | F | ???? | WILD | WILD | INDIA GANDHINAG | ???? 01-Sep-99 19-Oct-99 | Capture Transfer Death |
| 62 NONE | F | ???? | WILD | WILD | INDIA GANDHINAG | ???? 01-Sep-99 12-Jan-06 | Capture Transfer Death |
| 63 56 | F | 23-Sep-99 | UNK | UNK | JUNAGADH | 23-Sep-99 22-Mar-06 | Birth Death |
| 64 | M | 24-Sep-99 | UNK | UNK | JUNAGADH | 24-Sep-99 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|--|------------------------------|
| 57 | | | | | | 03-Sep-03 | Death |
| 65 58 | M | 25-Sep-99 | UNK | UNK | JUNAGADH | 25-Sep-99 03-Sep-03 | Birth Death |
| 66 64 | M | 04-Nov-99 | UNK | UNK | JUNAGADH | 04-Nov-99 04-Sep-03 | Birth Death |
| 67 | M | 04-Nov-99 | UNK | UNK | JUNAGADH | 04-Nov-99 28-Nov-99 | Birth Death |
| 68 | M | 06-Nov-99 | UNK | UNK | JUNAGADH | 06-Nov-99 21-May-08 | Birth Death |
| 69 68 | F | 06-Nov-99 | UNK | UNK | JUNAGADH | 06-Nov-99 03-Jan-00 | Birth Death |
| 70 NONE | M | ???? | WILD | WILD | INDIA VISAKAPAT | ~12 Sep 1999 ~ 1999 25-Sep-01 | Capture Transfer Death |
| 71 NONE | F | ???? | WILD | WILD | INDIA VISAKAPAT | ~ 1 Aug 1999 ~ 1999 28-Sep-01 | Capture Transfer Death |
| 72 NONE 00061F6BAA 10058 | F | ~ Nov 1999 | WILD | WILD | INDIA PUNE | ???? ~ Dec 1999 01-Mar-09 | Capture Transfer Death |
| 73 NONE | M | ???? | WILD | WILD | INDIA VISAKAPAT | ~ 1 Dec 1999 17-Dec-00 24-Apr-13 | Capture Transfer Death |
| 74 NONE DON 10201 | M | ~ Nov 1999 | WILD | WILD | INDIA PUNE | ???? 21-Jan-00 14-Nov-03 | Capture Transfer Death |
| 75 | M | 15-Apr-00 | UNK | UNK | JUNAGADH | 15-Apr-00 09-Jun-00 | Birth Death |
| 76 MTQM1 | M | 02-Sep-00 | UNK | UNK | VEERMATA | 02-Sep-00 29-Nov-05 | Birth Death |
| 77 MTQM2 | M | 18-Sep-00 | UNK | UNK | VEERMATA | 18-Sep-00 12-Feb-06 | Birth Death |
| 78 MTQM3 | M | 23-Sep-00 | UNK | UNK | VEERMATA | 23-Sep-00 10-Jun-08 | Birth Death |
| 79 10251 | F | 27-Sep-00 | UNK | UNK | JUNAGADH | 27-Sep-00 28-Apr-09 | Birth Death |
| 80 | M | 27-Sep-00 | UNK | UNK | JUNAGADH | 27-Sep-00 02-Apr-03 | Birth Death |
| 81 | M | 27-Sep-00 | UNK | UNK | JUNAGADH | 27-Sep-00 28-Sep-09 | Birth Death |
| 82 | M | 28-Sep-00 | UNK | UNK | JUNAGADH | 28-Sep-00 12-Apr-03 | Birth Death |
| 83 | M | 30-Sep-00 | UNK | UNK | JUNAGADH | 30-Sep-00 18-Apr-03 | m Death |
| 84 MTQM4 | M | 10-Oct-00 | UNK | UNK | VEERMATA | 10-Oct-00 21-Jul-08 | Birth Death |
| 85 NONE | M | ???? | WILD | WILD | INDIA VISAKAPAT | ~ 2 Dec 2000 17-Dec-00 16-Sep-13 | Capture Transfer Death |
| 86 | M | 08-Jan-01 | UNK | UNK | JUNAGADH | 08-Jan-01 13-Feb-01 | Birth Death |
| 87 | F | 02-Feb-01 | UNK | UNK | VISAKAPAT | 02-Feb-01 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------------|----------------------------------|---|
| | | | | | | 24-Feb-04 | Death |
| 88 MTQF1 | F | 29-Mar-01 | UNK | UNK | VEERMATA | 29-Mar-01 12-Feb-06 | Birth Death |
| 89 | M | ???? | UNK | UNK | INDIA KANPUR | ???? 01-Apr-01 07-May-09 | Birth Transfer Death |
| 90 NONE | F | ???? | WILD | WILD | INDIA KANPUR | ???? 01-Apr-01 01-Jan-08 | Capture Transfer Death |
| 91 NONE 10203 | F | ~ Apr 2001 | WILD | WILD | INDIA PUNE | ???? 26-Jun-01 17-Nov-12 | Capture Transfer Death |
| 92 MTQM5 | M | 13-Sep-01 | UNK | UNK | VEERMATA | 13-Sep-01 01-Sep-11 | Birth Death |
| 93 MTQM6 | M | 13-Sep-01 | UNK | UNK | VEERMATA | 13-Sep-01 19-Oct-10 | Birth Death |
| 94 MTQM7 | M | 15-Sep-01 | UNK | UNK | VEERMATA | 15-Sep-01 03-Jan-02 | Birth Death |
| 95 MTQF2 | F | 15-Sep-01 | UNK | UNK | VEERMATA | 15-Sep-01 01-Jan-02 | Birth Death |
| 96 MTQM8 | M | 18-Sep-01 | UNK | UNK | VEERMATA | 18-Sep-01 28-Jan-02 | Birth Death |
| 97 MTQF3 | F | 18-Sep-01 | UNK | UNK | VEERMATA | 18-Sep-01 25-Sep-01 | Birth Death |
| 98 10252 | F | 15-Oct-01 | UNK | UNK | JUNAGADH | 15-Oct-01 20-Apr-11 | Birth Death |
| 99 10204 | F | 13-Dec-01 | 74 | 72 | PUNE | 13-Dec-01 09-Jun-02 | Birth Death |
| 100 10205 | F | 13-Dec-01 | 74 | 72 | PUNE | 13-Dec-01 09-Jun-02 | Birth Death |
| 101 NONE 10202 | M | ~ May 2001 | WILD | WILD | INDIA PUNE | ???? 10-Apr-02 05-Jul-06 | Capture Transfer Death |
| 102 170001 | M | ~ 2002 | UNK | UNK | SURAT DELHI | ~ 2002 16-Feb-04 30-Jul-12 | Birth Transfer Death |
| 103 NONE | F | ???? | WILD | WILD | INDIA SURAT | ???? ???? | Capture Transfer |
| 104 NONE | M | ???? | WILD | WILD | INDIA SURAT | ???? ???? | Capture Transfer |
| 105 NONE | M | ???? | WILD | WILD | INDIA SURAT | ???? ???? | Capture Transfer |
| 106 | M | ???? | UNK | UNK | SURAT | ???? | Birth |
| 107 | M | ???? | UNK | UNK | SURAT | ???? | Birth |
| 108 10253 | F | 28-Aug-02 | UNK | UNK | JUNAGADH | 28-Aug-02 06-Jul-12 | Birth Death |
| 109 | M | 07-Sep-02 | UNK | UNK | JUNAGADH INDIA LTF | 07-Sep-02 12-Jun-03 | Birth LTF (Released in Devaliya Safari Park) |
| 110 | M | 07-Sep-02 | UNK | UNK | JUNAGADH | 07-Sep-02 24-Aug-05 | Birth Death |
| 111 | F | 15-Sep-02 | UNK | UNK | JUNAGADH | 15-Sep-02 25-Sep-02 | Birth Death |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------------------|--|--|
| 112 | F | 15-Sep-02 | 89 | 90 | KANPUR | 15-Sep-02 31-Mar-04 | Birth Death |
| 113 10254 | M | 24-Sep-02 | UNK | UNK | JUNAGADH CHATBIR Z | 24-Sep-02 23-Oct-05 | Birth Transfer |
| 114 | M | 24-Sep-02 | UNK | UNK | JUNAGADH | 24-Sep-02 21-Dec-11 | Birth Death |
| 115 10206 | M | 25-Sep-02 | 101 | 91 | PUNE | 25-Sep-02 22-Sep-07 | Birth Death |
| 116 10124 00061F526A | F | 25-Sep-02 | 101 | 91 | PUNE | 25-Sep-02 05-Sep-12 | Birth Death |
| 117 MTQM9 | M | 07-Oct-02 | UNK | UNK | VEERMATA | 07-Oct-02 01-Sep-10 | Birth Death |
| 118 MTQF4 | F | 07-Oct-02 | UNK | UNK | VEERMATA | 07-Oct-02 10-Sep-08 | Birth Death |
| 119 10255 | F | 13-Oct-02 | UNK | UNK | JUNAGADH | 13-Oct-02 09-Aug-12 | Birth Death |
| 120 10207 | M | 10-Dec-02 | 74 | 72 | PUNE | 10-Dec-02 12-Dec-02 | Birth Death |
| 121 10208 | F | 10-Dec-02 | 74 | 72 | PUNE | 10-Dec-02 12-Dec-02 | Birth Death |
| 122 NONE | F | ???? | WILD | WILD | INDIA KANPUR | ???? 15-Mar-03 12-Mar-12 | Capture Transfer Death |
| 123 | M | 19-Mar-03 | UNK | UNK | JUNAGADH | 19-Mar-03 29-Mar-07 | Birth Death |
| 124 10256 | F | 10-Jul-03 | UNK | UNK | JUNAGADH | 10-Jul-03 23-May-04 | Birth Death |
| 125 | F | 10-Jul-03 | UNK | UNK | JUNAGADH | 10-Jul-03 09-May-12 | Birth Death |
| 126 | F | 20-Sep-03 | 89 | 90 | KANPUR | 20-Sep-03 28-Oct-04 | Birth Death |
| 127 10257 | F | 23-Sep-03 | UNK | UNK | JUNAGADH | 23-Sep-03 25-Jun-12 | Birth Death |
| 128 | M | 16-Oct-03 | UNK | UNK | JUNAGADH | 16-Oct-03 25-Oct-04 | Birth Death |
| 129 | M | 16-Oct-03 | UNK | UNK | JUNAGADH | 16-Oct-03 01-Jul-07 | Birth Death |
| 130 | F | 25-Oct-03 | UNK | UNK | JUNAGADH | 25-Oct-03 16-Nov-03 | Birth Death |
| 131 NONE | M | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? ???? 13-Nov-03 15-Apr-14 | Capture Transfer Transfer Death |
| 132 NONE | F | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? ???? 13-Nov-03 15-Aug-05 | Capture Transfer Transfer Death |
| 133 10209 | F | 10-May-04 | 101 | 72 | PUNE | 10-May-04 20-Nov-04 | Birth Death |
| 134 10210 | F | 10-May-04 | 101 | 72 | PUNE | 10-May-04 10-Oct-10 | Birth Death |
| 135 10211 | M | 30-Aug-04 | 101 | 91 | PUNE | 30-Aug-04 13-Oct-04 | Birth Death |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|-----------------------|--|------------------------------|
| 136 10212 | F | 30-Aug-04 | 101 | 91 | PUNE | 30-Aug-04 23-Sep-04 | Birth Death |
| 137 | M | 08-Sep-04 | UNK | UNK | KANPUR | 08-Sep-04 ???? | Birth Death |
| 138 | M | 15-Sep-04 | UNK | UNK | JUNAGADH | 15-Sep-04 17-Aug-08 | Birth Death |
| 139 | F | 15-Sep-04 | UNK | UNK | JUNAGADH CHATBIR Z | 15-Sep-04 23-Oct-05 | Birth Transfer |
| 140 | M | 06-Oct-04 | UNK | UNK | JUNAGADH | 06-Oct-04 13-Jul-07 | Birth Death |
| 141 | F | 06-Oct-04 | UNK | UNK | JUNAGADH CHATBIR Z | 06-Oct-04 23-Oct-05 | Birth Transfer |
| 142 | M | 22-Nov-04 | UNK | UNK | JUNAGADH CHATBIR Z | 22-Nov-04 23-Oct-05 | Birth Transfer |
| 143 | F | 14-Dec-04 | UNK | UNK | JUNAGADH | 14-Dec-04 21-Feb-05 | Birth Death |
| 144 NONE M01135 | M | ~ 2000 | WILD | WILD | INDIA MYSORE | ~25 Feb 2005 10-Mar-05 22-May-05 | Capture Transfer Death |
| 145 10213 | M | 21-May-05 | 101 | 116 | PUNE | 21-May-05 21-Mar-14 | Birth Death |
| 146 | F | 13-Sep-05 | UNK | UNK | KANPUR | 13-Sep-05 | Birth |
| 147 10258 | F | 23-Sep-05 | UNK | UNK | JUNAGADH | 23-Sep-05 | Birth |
| 148 | M | 28-Sep-05 | UNK | UNK | JUNAGADH | 28-Sep-05 08-Jun-08 | Birth Death |
| 149 10259 | M | 04-Oct-05 | UNK | UNK | JUNAGADH | 04-Oct-05 08-Mar-09 | Birth Death |
| 150 | F | 04-Oct-05 | UNK | UNK | JUNAGADH | 04-Oct-05 | Birth |
| 151 MTQF5 | F | 30-Nov-05 | UNK | UNK | VEERMATA | 30-Nov-05 29-Apr-12 | Birth Death |
| 152 | F | 14-Dec-05 | UNK | UNK | JUNAGADH | 14-Dec-05 22-Dec-05 | Birth Death |
| 153 | M | 14-Dec-05 | UNK | UNK | JUNAGADH | 14-Dec-05 29-Jun-06 | Birth Death |
| 154 MTQF6 | F | 28-Dec-05 | UNK | UNK | VEERMATA | 28-Dec-05 29-Jul-12 | Birth Death |
| 155 10214 | M | 05-Feb-06 | 101 | 72 | PUNE | 05-Feb-06 14-Apr-08 | Birth Death |
| 156 10215 | M | 05-Feb-06 | 101 | 72 | PUNE | 05-Feb-06 15-Dec-06 | Birth Death |
| 157 | M | ~ 2006 | UNK | UNK | KANPUR | ~ 2006 24-Dec-08 | Birth Death |
| 158 | M | 03-Sep-06 | UNK | UNK | JUNAGADH | 03-Sep-06 14-Jun-08 | Birth Death |
| 159 | M | 03-Sep-06 | UNK | UNK | JUNAGADH | 03-Sep-06 | Birth |
| 160 10261 | M | 17-Sep-06 | UNK | UNK | JUNAGADH | 17-Sep-06 | Birth |
| 161 MTQM10 | M | 03-Oct-06 | UNK | UNK | VEERMATA | 03-Oct-06 12-Oct-14 | Birth Death |
| 162 MTQF7 | F | 03-Oct-06 | UNK | UNK | VEERMATA | 03-Oct-06 29-Aug-12 | Birth Death |
| 163 10262 | F | 13-Oct-06 | UNK | UNK | JUNAGADH | 13-Oct-06 23-Apr-11 | Birth Death |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|--------------|------|------|-------------------------|--|--|
| 164 | F | 13-Oct-06 | UNK | UNK | JUNAGADH | 13-Oct-06 | Birth |
| 165 10263 | F | 23-Oct-06 | UNK | UNK | JUNAGADH | 23-Oct-06 | Birth |
| 166 170003 | F | 02-May-07 | UNK | UNK | BILASPUR DELHI | 02-May-07 15-Nov-07 | Birth Transfer |
| 167 NONE M00287 | M | ~ 2007 | WILD | WILD | INDIA PUNE MYSORE | ~ 2007 ~ 2007 22-Sep-09 10-Jun-16 | Capture Transfer Transfer Death |
| 168 NONE M00288 | F | ~ 2007 | WILD | WILD | INDIA PUNE MYSORE | ~ 2007 ~ 2007 22-Sep-09 02-Mar-11 | Capture Transfer Transfer Death |
| 169 NONE M00289 | F | ~ 2007 | WILD | WILD | INDIA PUNE MYSORE | ~ 2007 ~ 2007 22-Sep-09 | Capture Transfer Transfer |
| 170 170002 | M | 10-Jul-07 | UNK | UNK | BILASPUR DELHI | 10-Jul-07 15-Nov-08 | Birth Transfer |
| 171 NONE | M | ~ 1 Jul 2007 | WILD | WILD | INDIA SURAT | ~ 1 Jul 2007 15-Jul-07 | Capture Transfer |
| 172 10264 | M | 28-Aug-07 | UNK | UNK | JUNAGADH | 28-Aug-07 15-Sep-11 | Birth Death |
| 173 10265 | M | 28-Aug-07 | UNK | UNK | JUNAGADH | 28-Aug-07 | Birth |
| 174 10266 | M | 04-Sep-07 | UNK | UNK | JUNAGADH | 04-Sep-07 26-Feb-10 | Birth Death |
| 175 10270 | F | 06-Sep-07 | UNK | UNK | JUNAGADH | 06-Sep-07 | Birth |
| 176 10271 | F | 06-Sep-07 | UNK | UNK | JUNAGADH | 06-Sep-07 | Birth |
| 177 10267 | F | 07-Sep-07 | UNK | UNK | JUNAGADH | 07-Sep-07 | Birth |
| 178 10268 | F | 07-Sep-07 | UNK | UNK | JUNAGADH | 07-Sep-07 | Birth |
| 179 | F | 21-Sep-07 | UNK | UNK | JUNAGADH | 21-Sep-07 20-Oct-07 | Birth Death |
| 180 | M | 18-Sep-07 | UNK | UNK | KANPUR | 18-Sep-07 18-Sep-07 | Birth Death |
| 181 | M | 18-Sep-07 | UNK | UNK | KANPUR | 18-Sep-07 18-Sep-07 | Birth Death |
| 182 FHA-1 | M | ~ Sep 2007 | UNK | UNK | INDIA NANDANKAN | ~ Sep 2007 26-Sep-07 | Birth Transfer |
| 183 10269 | F | 28-Sep-07 | UNK | UNK | JUNAGADH | 28-Sep-07 | Birth |
| 184 NONE 10067 | M | ???? | WILD | WILD | INDIA PUNE | ~ Nov 2007 28-Nov-07 | Capture Transfer |
| 185 MTQF10 | F | 20-Jan-08 | UNK | UNK | VEERMATA | 20-Jan-08 25-Apr-08 | Birth Death |
| 186 10062 0006A2915B | F | 23-Jan-08 | 184 | 116 | PUNE MYSORE | 23-Jan-08 17-Sep-09 | Birth Transfer |
| 187 MTQF8 | F | 28-Jan-08 | UNK | UNK | VEERMATA | 28-Jan-08 08-May-12 | Birth Death |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|-------------------------|--|---------------------------------|
| 188 MTQF9 | F | 28-Jan-08 | UNK | UNK | VEERMATA | 28-Jan-08 10-Jan-17 | Birth Death |
| 189 10061 000642AFAA | M | 25-Feb-08 | 184 | 72 | PUNE MYSORE | 25-Feb-08 17-Sep-09 | Birth Transfer |
| 190 NONE M01136 | F | 02-Jul-01 | WILD | WILD | INDIA MYSORE | ~28 Mar 2008 11-Apr-08 27-Jul-09 | Capture Transfer Death |
| 191 | F | 06-Sep-08 | UNK | UNK | JUNAGADH | 06-Sep-08 | Birth |
| 192 | F | 06-Sep-08 | UNK | UNK | JUNAGADH | 06-Sep-08 | Birth |
| 193 10272 | F | 29-Sep-08 | UNK | UNK | JUNAGADH | 29-Sep-08 | Birth |
| 194 10273 | M | 29-Sep-08 | UNK | UNK | JUNAGADH | 29-Sep-08 | Birth |
| 195 NONE 10065 | F | ~ Jan 2008 | WILD | WILD | INDIA PUNE MYSORE | ???? 29-Sep-08 17-Sep-09 | Capture Transfer Transfer |
| 196 NONE 0006B71C96 10066 | F | ???? | WILD | WILD | INDIA PUNE | ???? 29-Sep-08 20-Jan-10 | Capture Transfer Death |
| 197 NONE 10064 | F | ~ Dec 2007 | WILD | WILD | INDIA PUNE | ???? 29-Sep-08 07-Jan-12 | Capture Transfer Death |
| 198 10274 | F | 11-Oct-08 | UNK | UNK | JUNAGADH | 11-Oct-08 | Birth |
| 199 10060 0006B716ED | M | 14-Dec-08 | 145 | 116 | PUNE | 14-Dec-08 10-Apr-10 | Birth Death |
| 200 10059 0006B7123C | M | 14-Dec-08 | 145 | 116 | PUNE | 14-Dec-08 02-Sep-10 | Birth Death |
| 201 NONE KZ1001 | F | ~ 2007 | WILD | WILD | TELANGANA | ~24 Dec 2008 03-Jan-09 | Capture Transfer |
| 202 NONE KZ1002 | M | ~ Jun 2007 | WILD | WILD | TELANGANA | ~12 Dec 2008 03-Jan-09 | Capture Transfer |
| 203 NONE KZ1003 | F | ~ 2008 | WILD | WILD | TELANGANA | ~ 1 Jan 2009 06-Jan-09 | Capture Transfer |
| 204 10275 | F | 22-Jan-09 | UNK | UNK | JUNAGADH | 22-Jan-09 | Birth |
| 205 10063 0006B727F8 | M | 01-Feb-09 | 189 | 91 | PUNE | 01-Feb-09 17-Jun-11 | Birth Death |
| 206 10276 | M | 24-Feb-09 | UNK | UNK | JUNAGADH | 24-Feb-09 25-Apr-09 | Birth Death |
| 207 | M | 24-Feb-09 | UNK | UNK | JUNAGADH | 24-Feb-09 | Birth |
| 208 M00290 | F | 12-Jul-09 | UNK | UNK | MYSORE | 12-Jul-09 28-Jun-12 | Birth Death |
| 209 M00291 | F | 12-Jul-09 | UNK | UNK | MYSORE | 12-Jul-09 | Birth |
| 210 | M | ???? | WILD | WILD | INDIA | ???? | Capture |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|--|------------------------------|
| NONE | | | | | VISAKAPAT | 23-Jul-09 16-Sep-13 | Transfer Death |
| 211 NONE | F | ???? | WILD | WILD | INDIA VISAKAPAT | ???? 23-Jul-09 | Capture Transfer |
| 212 10277 | F | 26-Jul-09 | UNK | UNK | JUNAGADH | 26-Jul-09 | Birth |
| 213 10427 | F | 26-Jul-09 | UNK | UNK | JUNAGADH | 26-Jul-09 | Birth |
| 214 NONE | F | ???? | WILD | WILD | INDIA JUNAGADH | 26-Jul-09 26-Jul-09 | Capture Transfer |
| 215 10428 | F | 26-Aug-09 | UNK | UNK | JUNAGADH | 26-Aug-09 | Birth |
| 216 10429 | F | 26-Aug-09 | UNK | UNK | JUNAGADH | 26-Aug-09 | Birth |
| 217 10430 | M | 22-Sep-09 | UNK | UNK | JUNAGADH | 22-Sep-09 05-Dec-09 | Birth Death |
| 218 10431 | F | 22-Sep-09 | UNK | UNK | JUNAGADH | 22-Sep-09 | Birth |
| 219 10128 0006B7215D | F | 29-Sep-09 | 189 | 116 | PUNE | 29-Sep-09 01-Nov-09 | Birth Death |
| 220 10129 0006B72AD6 | M | 29-Sep-09 | 189 | 116 | PUNE | 29-Sep-09 11-Nov-09 | Birth Death |
| 221 10432 | F | 01-Oct-09 | UNK | UNK | JUNAGADH | 01-Oct-09 | Birth |
| 222 NONE 0006B72610 10126 | F | ~ 2008 | WILD | WILD | INDIA PUNE | ~ 2009 07-Oct-09 14-Nov-10 | Capture Transfer Death |
| 223 NONE 0006B72253 10127 | M | ~ Oct 2008 | WILD | WILD | INDIA PUNE | ???? 07-Oct-09 19-May-12 | Capture Transfer Death |
| 224 NONE 0006B72E06 10125 | F | ~ Nov 2008 | WILD | WILD | INDIA PUNE | ???? 07-Oct-09 11-Nov-09 | Capture Transfer Death |
| 225 10132 0006B72972 | M | 15-Dec-09 | 189 | 91 | PUNE | 15-Dec-09 12-Aug-13 | Birth Death |
| 226 10133 0006B725C1 | F | 15-Dec-09 | 189 | 91 | PUNE | 15-Dec-09 11-Mar-14 | Birth Death |
| 227 10134 0006B72E84 | M | 30-Dec-09 | 189 | 197 | PUNE | 30-Dec-09 16-Jan-10 | Birth Death |
| 228 10135 0006B72EA7 | M | 30-Dec-09 | 189 | 197 | PUNE | 30-Dec-09 04-Jan-10 | Birth Death |
| 229 NONE | M | ???? | WILD | WILD | INDIA KARNATAKA | ~ 1 Jun 2010 10-Jun-10 27-Jul-13 | Capture Transfer Death |
| 230 | F | ???? | WILD | WILD | INDIA | ~ 1 Jun 2010 | Capture |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|-----------------------------|--|--|
| NONE | | | | | KARNATAKA | 10-Jun-10 27-Jul-13 | Transfer Death |
| 231 NONE M00603 | M | 29-Jul-09 | WILD | WILD | KARNATAKA MYSORE | ~ 1 Jun 2010 17-Jun-10 29-Jul-10 | Capture Transfer Death |
| 232 NONE M00604 | F | ~ 2009 | WILD | WILD | KARNATAKA MYSORE | ~25 Jun 2010 01-Jul-10 06-Sep-10 | Capture Transfer Death |
| 233 NONE M00796 | M | ~ 2010 | WILD | WILD | INDIA TIRUPATI MYSORE | ~ 2010 ~ 2010 16-Dec-11 23-Mar-17 | Capture Transfer Transfer Death |
| 234 NONE M00797 | F | ~ 2010 | WILD | WILD | INDIA TIRUPATI MYSORE | ~ 2010 ~ 2010 16-Dec-11 | Capture Transfer Transfer |
| 235 NONE KZ1004 | F | ~ Aug 2010 | WILD | WILD | INDIA TELANGANA | ~24 Aug 2010 26-Aug-10 | Capture Transfer |
| 236 10518 | F | 10-Sep-10 | UNK | UNK | JUNAGADH | 10-Sep-10 | Birth |
| 237 10520 | F | 13-Sep-10 | UNK | UNK | JUNAGADH | 13-Sep-10 | Birth |
| 238 10519 | M | 13-Sep-10 | UNK | UNK | JUNAGADH | 13-Sep-10 | Birth |
| 239 | F | 15-Sep-10 | UNK | UNK | SURAT | 15-Sep-10 | Birth |
| 240 MTQM11 | M | 24-Sep-10 | UNK | UNK | VEERMATA | 24-Sep-10 18-Jul-11 | Birth Death |
| 241 MTQM12 | M | 24-Sep-10 | UNK | UNK | VEERMATA | 24-Sep-10 20-Jul-11 | Birth Death |
| 242 MTQF11 | F | 24-Sep-10 | UNK | UNK | VEERMATA | 24-Sep-10 08-Nov-10 | Birth Death |
| 243 M00607 | M | 26-Sep-10 | 167 | 168 | MYSORE | 26-Sep-10 | Birth |
| 244 M00608 | F | 26-Sep-10 | 167 | 168 | MYSORE | 26-Sep-10 17-Nov-10 | Birth Death |
| 245 | M | 13-Oct-10 | UNK | UNK | JUNAGADH | 13-Oct-10 | Birth |
| 246 | F | 13-Oct-10 | UNK | UNK | JUNAGADH | 13-Oct-10 | Birth |
| 247 Parmita 0006EF6B93 | F | 15-Dec-10 | UNK | UNK | TIRUPATI | 15-Dec-10 | Birth |
| 248 KZ1005 | F | 28-Feb-11 | 202 | 201 | TELANGANA | 28-Feb-11 | Birth |
| 249 KZ1006 | F | 28-Feb-11 | 202 | 201 | TELANGANA | 28-Feb-11 | Birth |
| 250 MTQF12 | F | 16-Sep-11 | UNK | UNK | VEERMATA | 16-Sep-11 28-Nov-16 | Birth Death |
| 251 MTQF13 | F | 16-Sep-11 | UNK | UNK | VEERMATA | 16-Sep-11 31-Jul-15 | Birth Death |
| 252 | F | 25-Sep-11 | UNK | UNK | JUNAGADH | 25-Sep-11 | Birth |
| 253 | M | 28-Sep-11 | UNK | UNK | JUNAGADH | 28-Sep-11 | Birth |
| 254 | F | 03-Oct-11 | UNK | UNK | JUNAGADH | 03-Oct-11 | Birth |
| 255 | F | 05-Oct-11 | UNK | UNK | JUNAGADH | 05-Oct-11 | Birth |
| 256 | M | 05-Oct-11 | UNK | UNK | JUNAGADH | 05-Oct-11 | Birth |
| 257 | M | 07-Oct-11 | UNK | UNK | MYSORE | 07-Oct-11 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|---------------------------|---------------------|
| M00788 | | | | | | 01-Jun-16 | Death |
| 258 | F | 13-Oct-11 | UNK | UNK | SURAT | 13-Oct-11 | Birth |
| 259 M00790 | ? | 14-Oct-11 | UNK | UNK | MYSORE | 14-Oct-11 02-Sep-13 | Birth Death |
| 260 M00789 | ? | 14-Oct-11 | UNK | UNK | MYSORE | 14-Oct-11 | Birth |
| 261 | F | 23-Oct-11 | UNK | UNK | SURAT | 23-Oct-11 | Birth |
| 262 NONE | M | ~ 2011 | WILD | WILD | INDIA SURAT | ~ 2011 24-Oct-11 | Capture Transfer |
| 263 | M | 31-Oct-11 | UNK | UNK | KANPUR | 31-Oct-11 | Birth |
| 264 | ? | 31-Oct-11 | UNK | UNK | KANPUR | 31-Oct-11 | Birth |
| 265 NONE | M | ~ 2011 | WILD | WILD | INDIA SURAT | ~ 2011 24-Oct-11 | Capture Transfer |
| 266 M00805 | ? | 05-Dec-11 | UNK | UNK | MYSORE | 05-Dec-11 | Birth |
| 267 M00804 | M | 05-Dec-11 | UNK | UNK | MYSORE | 05-Dec-11 08-Oct-16 | Birth Death |
| 268 KZ1007 | M | 16-Dec-11 | 202 | 235 | TELANGANA | 16-Dec-11 | Birth |
| 269 KZ1008 | F | 16-Dec-11 | 202 | 235 | TELANGANA | 16-Dec-11 | Birth |
| 270 M00808 | ? | 24-Dec-11 | UNK | UNK | MYSORE | 24-Dec-11 | Birth |
| 271 Madesh 0006EFE329 | M | 30-Dec-11 | UNK | UNK | TIRUPATI | 30-Dec-11 | Birth |
| 272 10175 0006B74C00 | F | 05-Jan-12 | 225 | 116 | PUNE | 05-Jan-12 01-Feb-12 | Birth Death |
| 273 10176 | F | 05-Jan-12 | 225 | 116 | PUNE | 05-Jan-12 07-Jan-12 | Birth Death |
| 274 FHA-2 | F | ~ Jan 2012 | UNK | UNK | NANDANKAN | ~ Jan 2012 | Birth |
| 275 NONE | F | 16-Feb-16 | WILD | WILD | INDIA NANDANKAN | ???? ???? | Capture Transfer |
| 276 10178 | M | 06-Feb-12 | 223 | 226 | PUNE | 06-Feb-12 17-Feb-12 | Birth Death |
| 277 Tara 0006EF72CE | F | 17-Feb-12 | UNK | UNK | TIRUPATI | 17-Feb-12 | Birth |
| 278 NONE | F | ???? | WILD | WILD | INDIA BELGAUM | ~25 Feb 2012 08-Mar-12 | Capture Transfer |
| 279 FHA-3 | ? | 29-Feb-12 | UNK | UNK | NANDANKAN | 29-Feb-12 | Birth |
| 280 Pallavi 0006EFCD4B | F | 30-Apr-12 | UNK | UNK | TIRUPATI | 30-Apr-12 | Birth |
| 281 Rudra 0006EFDED9 | M | 30-Apr-12 | UNK | UNK | TIRUPATI | 30-Apr-12 | Birth |
| 282 | M | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| 283 | F | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------------------|--|---------------------------------|
| 284 | M | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| 285 | F | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| 286 M00995 | M | 03-Sep-12 | 167 | UNK | MYSORE | 03-Sep-12 25-Feb-13 | Birth Death |
| 287 M00996 | ? | 03-Sep-12 | 167 | UNK | MYSORE | 03-Sep-12 | Birth |
| 288 NONE | M | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? ???? 23-Sep-12 | Capture Transfer Transfer |
| 289 NONE | M | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? ???? 23-Sep-12 | Capture Transfer Transfer |
| 290 NONE | F | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? ???? 23-Sep-12 | Capture Transfer Transfer |
| 291 NONE | F | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? ???? 23-Sep-12 | Capture Transfer Transfer |
| 292 | M | 16-Nov-12 | UNK | UNK | KARNATAKA | 16-Nov-12 27-Jul-13 | Birth Death |
| 293 FHA-4 | ? | ~ Dec 2012 | UNK | UNK | NANDANKAN | ~ Dec 2012 | Birth |
| 294 NONE | M | ???? | WILD | WILD | INDIA BELGAUM | ~ 1 Jan 2013 26-Jan-13 27-Jul-13 | Capture Transfer Death |
| 295 NONE | F | ???? | WILD | WILD | INDIA BELGAUM | ???? ???? 28-Jul-13 | Capture Transfer Death |
| 296 FHA-5 | M | ~ Mar 2013 | UNK | UNK | NANDANKAN | ~ Mar 2013 | Birth |
| 297 FHA-6 | F | ~ Mar 2013 | UNK | UNK | NANDANKAN | ~ Mar 2013 | Birth |
| 298 10197 | F | ~ Mar 2012 | WILD | WILD | INDIA PUNE | ???? 11-Apr-13 | Capture Transfer |
| 299 Girish 00718E5E1 | M | 01-Jul-13 | UNK | UNK | TIRUPATI | 01-Jul-13 | Birth |
| 300 Yogesh 000719712D | M | 01-Jul-13 | UNK | UNK | TIRUPATI | 01-Jul-13 | Birth |
| 301 NONE DEEKSH | F | ???? | WILD | WILD | INDIA HYDERABAD | ~ 2 Apr 2013 21-Apr-13 | Capture Transfer |
| 302 NONE 10196 | M | ~ 2012 | WILD | WILD | INDIA PUNE | ???? 11-Apr-13 | Capture Transfer |
| 303 NONE SHARAT | M | ???? | WILD | WILD | INDIA HYDERABAD | ~ 1 Oct 2013 03-Oct-13 | Capture Transfer |
| 304 NONE RAVI | M | ???? | WILD | WILD | INDIA HYDERABAD | ~ 1 Oct 2013 03-Oct-13 | Capture Transfer |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|-----|------------------------|--------------------------------|----------------------------|
| 305 | M | ???? | UNK | UNK | NANDANKAN BANNERGHA | ???? 05-Nov-14 | Birth Transfer |
| 306 | F | ???? | UNK | UNK | NANDANKAN BANNERGHA | ???? 05-Nov-14 28-Apr-17 | Birth Transfer Death |
| 307 | F | ???? | UNK | UNK | NANDANKAN BANNERGHA | ???? 05-Nov-14 25-Feb-16 | Birth Transfer Death |
| 308 | M | 12-Nov-13 | UNK | UNK | BELGAUM | 12-Nov-13 | Birth |
| 309 | F | 12-Nov-13 | UNK | UNK | BELGAUM | 12-Nov-13 | Birth |
| 310 | M | 15-Nov-15 | UNK | UNK | BELGAUM | 15-Nov-15 | Birth |
| 311 FHA-7 | M | ~ Nov 2013 | UNK | UNK | NANDANKAN | ~ Nov 2013 | Birth |
| 312 FHA-8 | F | ~ Nov 2013 | UNK | UNK | NANDANKAN | ~ Nov 2013 | Birth |
| 313 FHA-9_ | F | ~ Nov 2013 | UNK | UNK | NANDANKAN | ~ Nov 2013 | Birth |
| 314 FHA-10 | ? | ~ Jan 2014 | UNK | UNK | NANDANKAN | ~ Jan 2014 | Birth |
| 315 FHA-11 | ? | ~ Jan 2014 | UNK | UNK | NANDANKAN | ~ Jan 2014 | Birth |
| 316 FHA-12 | ? | ~ Jan 2014 | UNK | UNK | NANDANKAN | ~ Jan 2014 | Birth |
| 317 M01092 | ? | ~ Jan 2014 | UNK | UNK | MYSORE | ~ Jan 2014 | Birth |
| 318 M01093 | ? | 15-Jan-14 | UNK | UNK | MYSORE | 15-Jan-14 | Birth |
| 319 FHA-13 | ? | ~ Mar 2014 | UNK | UNK | NANDANKAN | ~ Mar 2014 | Birth |
| 320 M01118 | M | 08-Jun-14 | UNK | UNK | MYSORE | 08-Jun-14 23-Sep-16 | Birth Death |
| 321 M01119 | ? | 08-Jun-14 | UNK | UNK | MYSORE | 08-Jun-14 | Birth |
| 322 M01144 | ? | 06-Nov-14 | UNK | UNK | MYSORE | 06-Nov-14 | Birth |
| 323 M01145 | ? | 06-Nov-14 | UNK | UNK | MYSORE | 06-Nov-14 | Birth |
| 324 M01153 | ? | 14-Nov-14 | UNK | UNK | MYSORE | 14-Nov-14 | Birth |
| 325 M01154 | ? | 14-Nov-14 | UNK | UNK | MYSORE | 14-Nov-14 | Birth |
| 326 Nakul 000719033D | M | 09-Jan-15 | 271 | 277 | TIRUPATI | 09-Jan-15 | Birth |
| 327 Somnath 0006EF5FAD | M | 09-Jan-15 | 271 | 277 | TIRUPATI | 09-Jan-15 | Birth |
| 328 10199 | M | 28-Sep-15 | 302 | 298 | PUNE | 28-Sep-15 | Birth |
| 329 10200 | F | 28-Sep-15 | 302 | 298 | PUNE | 28-Sep-15 | Birth |
| 330 | F | 10-Oct-15 | UNK | UNK | BANNERGHA | 10-Oct-15 30-Apr-17 | Birth Death |
| 331 | ? | 10-Oct-15 | UNK | UNK | BANNERGHA | 10-Oct-15 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|------------------------|---------------------|
| | | | | | | 10-May-17 | Death |
| 332 M01182 | ? | 19-Oct-15 | UNK | UNK | MYSORE | 19-Oct-15 | Birth |
| 333 M01183 | ? | 19-Oct-15 | UNK | UNK | MYSORE | 19-Oct-15 | Birth |
| 334 M01184 | ? | 27-Oct-15 | UNK | UNK | MYSORE | 27-Oct-15 | Birth |
| 335 M01185 | ? | 27-Oct-15 | UNK | UNK | MYSORE | 27-Oct-15 | Birth |
| 336 DEENA | F | 28-Oct-15 | 304 | 301 | HYDERABAD | 28-Oct-15 | Birth |
| 337 RAHUL | M | 28-Oct-15 | 304 | 301 | HYDERABAD | 28-Oct-15 | Birth |
| 338 M01192 | ? | 06-Nov-15 | UNK | UNK | MYSORE | 06-Nov-15 | Birth |
| 339 M01191 | ? | 06-Nov-15 | UNK | UNK | MYSORE | 06-Nov-15 | Birth |
| 340 M01196 | ? | 04-Dec-15 | UNK | UNK | MYSORE | 04-Dec-15 | Birth |
| 341 M01197 | ? | 04-Dec-15 | UNK | UNK | MYSORE | 04-Dec-15 | Birth |
| 342 M01198 | ? | 05-Dec-15 | UNK | UNK | MYSORE | 05-Dec-15 | Birth |
| 343 M01199 | ? | 05-Dec-15 | UNK | UNK | MYSORE | 05-Dec-15 | Birth |
| 344 NONE | M | 16-Feb-16 | WILD | WILD | INDIA NANDANKAN | ~ 1 Mar 2016 ~ 2016 | Capture Transfer |
| 345 NONE | M | 16-Feb-16 | WILD | WILD | INDIA NANDANKAN | ???? 14-Apr-16 | Capture Transfer |
| 347 | F | 03-Oct-16 | UNK | UNK | HYDERABAD | 03-Oct-16 | Birth |
| 348 | F | 30-Mar-17 | UNK | UNK | BANNERGHA | 30-Mar-17 | Birth |
| 349 | ? | 13-Oct-17 | UNK | UNK | HYDERABAD | 13-Oct-17 | Birth |
| 350 | ? | 13-Oct-17 | UNK | UNK | HYDERABAD | 13-Oct-17 | Birth |
| 356 | F | 03-Oct-16 | UNK | UNK | HYDERABAD | 03-Oct-16 | Birth |
| TOTALS: 157.161.32 (350) | | | | | | | |

Annexure II

Four horned antelope (*Tetracerus quadricornis*) living in Indian Zoos

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|--|-----|------------|------|------|------------------------|---------------------------|---------------------|
| Assam State Zoo Cum Botanical Garden, Guwahati | | | | | | | |
| 282 | M | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| 283 | F | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| 284 | M | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| 285 | F | 25-Aug-12 | UNK | UNK | RAIPUR ASSAM | 25-Aug-12 ???? | Birth Transfer |
| Total 2.2.0(4) | | | | | | | |
| Bannerghatta Biological Park, Bangalore | | | | | | | |
| 305 | M | ???? | UNK | UNK | NANDANKAN BANNERGHA | ???? 05-Nov-14 | Birth Transfer |
| 348 | F | 30-Mar-17 | UNK | UNK | BANNERGHA | 30-Mar-17 | Birth |
| Total: 1.1.0(2) | | | | | | | |
| Kittur Rani Cannamma Nisarg Dhama Mini Zoo, Belgaum | | | | | | | |
| 308 | M | 12-Nov-13 | UNK | UNK | BELGAUM | 12-Nov-13 | Birth |
| 309 | F | 12-Nov-13 | UNK | UNK | BELGAUM | 12-Nov-13 | Birth |
| 310 | M | 15-Nov-15 | UNK | UNK | BELGAUM | 15-Nov-15 | Birth |
| 278 NONE | F | ???? | WILD | WILD | INDIA BELGAUM | ~25 Feb 2012 08-Mar-12 | Capture Transfer |
| Total: 2.2.0.(4) | | | | | | | |
| Mahendra Chaudhury Zoological Park, Mohali | | | | | | | |
| 113 10254 | M | 24-Sep-02 | UNK | UNK | JUNAGADH CHATBIR Z | 24-Sep-02 23-Oct-05 | Birth Transfer |
| 139 | F | 15-Sep-04 | UNK | UNK | JUNAGADH CHATBIR Z | 15-Sep-04 23-Oct-05 | Birth Transfer |
| 141 | F | 06-Oct-04 | UNK | UNK | JUNAGADH CHATBIR Z | 06-Oct-04 23-Oct-05 | Birth Transfer |
| 142 | M | 22-Nov-04 | UNK | UNK | JUNAGADH CHATBIR Z | 22-Nov-04 23-Oct-05 | Birth Transfer |
| Total: 2.2.0(4) | | | | | | | |
| National Zoological Park, Delhi | | | | | | | |
| 24 | M | 12-Sep-94 | 14 | 19 | JUNAGADH DELHI | 12-Sep-94 26-Aug-99 | Birth Transfer |
| 25 | F | 12-Sep-94 | 14 | 19 | JUNAGADH DELHI | 12-Sep-94 26-Aug-99 | Birth Transfer |
| 28 | F | 27-Sep-94 | 14 | 19 | JUNAGADH DELHI | 27-Sep-94 26-Aug-99 | Birth Transfer |
| 30 80 | M | 02-Oct-95 | UNK | UNK | JUNAGADH DELHI | 02-Oct-95 26-Aug-99 | Birth Transfer |
| 166 170003 | F | 02-May-07 | UNK | UNK | BILASPUR DELHI | 02-May-07 15-Nov-07 | Birth Transfer |
| Total: 2.3.0(5) | | | | | | | |
| Nehru Zoological Park, Hyderabad | | | | | | | |
| 301 NONE DEEKSH | F | ???? | WILD | WILD | INDIA HYDERABAD | ~ 2 Apr 2013 21-Apr-13 | Capture Transfer |
| 303 | M | ???? | WILD | WILD | INDIA | ~ 1 Oct 2013 | Capture |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|---------------------------|---------------------|
| NONE SHARAT | | | | | HYDERABAD | 03-Oct-13 | Transfer |
| 304 NONE RAVI | M | ???? | WILD | WILD | INDIA HYDERABAD | ~ 1 Oct 2013 03-Oct-13 | Capture Transfer |
| 336 DEENA | F | 28-Oct-15 | 304 | 301 | HYDERABAD | 28-Oct-15 | Birth |
| 337 RAHUL | M | 28-Oct-15 | 304 | 301 | HYDERABAD | 28-Oct-15 | Birth |
| 347 | F | 03-Oct-16 | UNK | UNK | HYDERABAD | 03-Oct-16 | Birth |
| 349 | ? | 13-Oct-17 | UNK | UNK | HYDERABAD | 13-Oct-17 | Birth |
| 350 | ? | 13-Oct-17 | UNK | UNK | HYDERABAD | 13-Oct-17 | Birth |
| 356 | F | 03-Oct-16 | UNK | UNK | HYDERABAD | 03-Oct-16 | Birth |
| Total: 3.3.2(8) | | | | | | | |
| Sakkarbaug Zoo, Junagadh | | | | | | | |
| 19 | F | 23-Oct-91 | 7 | 15 | JUNAGADH | 23-Oct-91 | Birth |
| 147 10258 | F | 23-Sep-05 | UNK | UNK | JUNAGADH | 23-Sep-05 | Birth |
| 150 | F | 04-Oct-05 | UNK | UNK | JUNAGADH | 04-Oct-05 | Birth |
| 159 | M | 03-Sep-06 | UNK | UNK | JUNAGADH | 03-Sep-06 | Birth |
| 160 10261 | M | 17-Sep-06 | UNK | UNK | JUNAGADH | 17-Sep-06 | Birth |
| 164 | F | 13-Oct-06 | UNK | UNK | JUNAGADH | 13-Oct-06 | Birth |
| 165 10263 | F | 23-Oct-06 | UNK | UNK | JUNAGADH | 23-Oct-06 | Birth |
| 173 10265 | M | 28-Aug-07 | UNK | UNK | JUNAGADH | 28-Aug-07 | Birth |
| 175 10270 | F | 06-Sep-07 | UNK | UNK | JUNAGADH | 06-Sep-07 | Birth |
| 176 10271 | F | 06-Sep-07 | UNK | UNK | JUNAGADH | 06-Sep-07 | Birth |
| 177 10267 | F | 07-Sep-07 | UNK | UNK | JUNAGADH | 07-Sep-07 | Birth |
| 178 10268 | F | 07-Sep-07 | UNK | UNK | JUNAGADH | 07-Sep-07 | Birth |
| 183 10269 | F | 28-Sep-07 | UNK | UNK | JUNAGADH | 28-Sep-07 | Birth |
| 191 | F | 06-Sep-08 | UNK | UNK | JUNAGADH | 06-Sep-08 | Birth |
| 192 | F | 06-Sep-08 | UNK | UNK | JUNAGADH | 06-Sep-08 | Birth |
| 193 10272 | F | 29-Sep-08 | UNK | UNK | JUNAGADH | 29-Sep-08 | Birth |
| 194 10273 | M | 29-Sep-08 | UNK | UNK | JUNAGADH | 29-Sep-08 | Birth |
| 198 10274 | F | 11-Oct-08 | UNK | UNK | JUNAGADH | 11-Oct-08 | Birth |
| 204 10275 | F | 22-Jan-09 | UNK | UNK | JUNAGADH | 22-Jan-09 | Birth |
| 207 | M | 24-Feb-09 | UNK | UNK | JUNAGADH | 24-Feb-09 | Birth |
| 212 10277 | F | 26-Jul-09 | UNK | UNK | JUNAGADH | 26-Jul-09 | Birth |
| 213 10427 | F | 26-Jul-09 | UNK | UNK | JUNAGADH | 26-Jul-09 | Birth |
| 214 NONE | F | ???? | WILD | WILD | INDIA JUNAGADH | 26-Jul-09 26-Jul-09 | Capture Transfer |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|-----------------------------|--------------------------------|---------------------------------|
| 215 10428 | F | 26-Aug-09 | UNK | UNK | JUNAGADH | 26-Aug-09 | Birth |
| 216 10429 | F | 26-Aug-09 | UNK | UNK | JUNAGADH | 26-Aug-09 | Birth |
| 218 10431 | F | 22-Sep-09 | UNK | UNK | JUNAGADH | 22-Sep-09 | Birth |
| 221 10432 | F | 01-Oct-09 | UNK | UNK | JUNAGADH | 01-Oct-09 | Birth |
| 236 10518 | F | 10-Sep-10 | UNK | UNK | JUNAGADH | 10-Sep-10 | Birth |
| 237 10520 | F | 13-Sep-10 | UNK | UNK | JUNAGADH | 13-Sep-10 | Birth |
| 238 10519 | M | 13-Sep-10 | UNK | UNK | JUNAGADH | 13-Sep-10 | Birth |
| 245 | M | 13-Oct-10 | UNK | UNK | JUNAGADH | 13-Oct-10 | Birth |
| 246 | F | 13-Oct-10 | UNK | UNK | JUNAGADH | 13-Oct-10 | Birth |
| 252 | F | 25-Sep-11 | UNK | UNK | JUNAGADH | 25-Sep-11 | Birth |
| 253 | M | 28-Sep-11 | UNK | UNK | JUNAGADH | 28-Sep-11 | Birth |
| 254 | F | 03-Oct-11 | UNK | UNK | JUNAGADH | 03-Oct-11 | Birth |
| 255 | F | 05-Oct-11 | UNK | UNK | JUNAGADH | 05-Oct-11 | Birth |
| 256 | M | 05-Oct-11 | UNK | UNK | JUNAGADH | 05-Oct-11 | Birth |
| Total: 9.28.0(27) | | | | | | | |
| Kanpur Zoological Park, Kanpur | | | | | | | |
| 20 22 | M | 08-Sep-93 | 14 | 18 | JUNAGADH KANPUR | 08-Sep-93 15-Nov-98 | Birth Transfer |
| 21 23 | F | 08-Sep-93 | 14 | 18 | JUNAGADH KANPUR | 08-Sep-93 15-Nov-98 | Birth Transfer |
| 23 33 | F | 27-Sep-93 | 14 | 19 | JUNAGADH KANPUR | 27-Sep-93 15-Nov-98 | Birth Transfer |
| 146 | F | 13-Sep-05 | UNK | UNK | KANPUR | 13-Sep-05 | Birth |
| 263 | M | 31-Oct-11 | UNK | UNK | KANPUR | 31-Oct-11 | Birth |
| 264 | ? | 31-Oct-11 | UNK | UNK | KANPUR | 31-Oct-11 | Birth |
| Total: 2.3.1(6) | | | | | | | |
| Sri Chamarajendra Zoological Gardens, Mysore | | | | | | | |
| 169 NONE M00289 | F | ~ 2007 | WILD | WILD | INDIA PUNE MYSORE | ~ 2007 ~ 2007 22-Sep-09 | Capture Transfer Transfer |
| 186 10062 0006A2915B | F | 23-Jan-08 | 184 | 116 | PUNE MYSORE | 23-Jan-08 17-Sep-09 | Birth Transfer |
| 189 10061 000642AFAA | M | 25-Feb-08 | 184 | 72 | PUNE MYSORE | 25-Feb-08 17-Sep-09 | Birth Transfer |
| 195 NONE 10065 | F | ~ Jan 2008 | WILD | WILD | INDIA PUNE MYSORE | ???? 29-Sep-08 17-Sep-09 | Capture Transfer Transfer |
| 209 M00291 | F | 12-Jul-09 | UNK | UNK | MYSORE | 12-Jul-09 | Birth |
| 234 NONE M00797 | F | ~ 2010 | WILD | WILD | INDIA TIRUPATI MYSORE | ~ 2010 ~ 2010 16-Dec-11 | Capture Transfer Transfer |
| 243 M00607 | M | 26-Sep-10 | 167 | 168 | MYSORE | 26-Sep-10 | Birth |
| 260 | ? | 14-Oct-11 | UNK | UNK | MYSORE | 14-Oct-11 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|-------------------------|---------------------|
| M00789 | | | | | | | |
| 266 M00805 | ? | 05-Dec-11 | UNK | UNK | MYSORE | 05-Dec-11 | Birth |
| 270 M00808 | ? | 24-Dec-11 | UNK | UNK | MYSORE | 24-Dec-11 | Birth |
| 287 M00996 | ? | 03-Sep-12 | 167 | UNK | MYSORE | 03-Sep-12 | Birth |
| 317 M01092 | ? | ~ Jan 2014 | UNK | UNK | MYSORE | ~ Jan 2014 | Birth |
| 318 M01093 | ? | 15-Jan-14 | UNK | UNK | MYSORE | 15-Jan-14 | Birth |
| 321 M01119 | ? | 08-Jun-14 | UNK | UNK | MYSORE | 08-Jun-14 | Birth |
| 322 M01144 | ? | 06-Nov-14 | UNK | UNK | MYSORE | 06-Nov-14 | Birth |
| 323 M01145 | ? | 06-Nov-14 | UNK | UNK | MYSORE | 06-Nov-14 | Birth |
| 324 M01153 | ? | 14-Nov-14 | UNK | UNK | MYSORE | 14-Nov-14 | Birth |
| 325 M01154 | ? | 14-Nov-14 | UNK | UNK | MYSORE | 14-Nov-14 | Birth |
| 332 M01182 | ? | 19-Oct-15 | UNK | UNK | MYSORE | 19-Oct-15 | Birth |
| 333 M01183 | ? | 19-Oct-15 | UNK | UNK | MYSORE | 19-Oct-15 | Birth |
| 334 M01184 | ? | 27-Oct-15 | UNK | UNK | MYSORE | 27-Oct-15 | Birth |
| 335 M01185 | ? | 27-Oct-15 | UNK | UNK | MYSORE | 27-Oct-15 | Birth |
| 338 M01192 | ? | 06-Nov-15 | UNK | UNK | MYSORE | 06-Nov-15 | Birth |
| 339 M01191 | ? | 06-Nov-15 | UNK | UNK | MYSORE | 06-Nov-15 | Birth |
| 340 M01196 | ? | 04-Dec-15 | UNK | UNK | MYSORE | 04-Dec-15 | Birth |
| 341 M01197 | ? | 04-Dec-15 | UNK | UNK | MYSORE | 04-Dec-15 | Birth |
| 342 M01198 | ? | 05-Dec-15 | UNK | UNK | MYSORE | 05-Dec-15 | Birth |
| 343 M01199 | ? | 05-Dec-15 | UNK | UNK | MYSORE | 05-Dec-15 | Birth |
| Total: 2.5.21(28) | | | | | | | |
| Nandankanan Biological Park, Bhubaneswar | | | | | | | |
| 182 FHA-1 | M | ~ Sep 2007 | UNK | UNK | INDIA NANDANKAN | ~ Sep 2007 26-Sep-07 | Birth Transfer |
| 274 FHA-2 | F | ~ Jan 2012 | UNK | UNK | NANDANKAN | ~ Jan 2012 | Birth |
| 275 NONE | F | 16-Feb-16 | WILD | WILD | INDIA NANDANKAN | ???? ???? | Capture Transfer |
| 279 FHA-3 | ? | 29-Feb-12 | UNK | UNK | NANDANKAN | 29-Feb-12 | Birth |
| 293 FHA-4 | ? | ~ Dec 2012 | UNK | UNK | NANDANKAN | ~ Dec 2012 | Birth |
| 296 | M | ~ Mar 2013 | UNK | UNK | NANDANKAN | ~ Mar 2013 | Birth |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|--|-----|--------------|------|------|--------------------|---------------------------|---------------------|
| FHA-5 | | | | | | | |
| 297 FHA-6 | F | ~ Mar 2013 | UNK | UNK | NANDANKAN | ~ Mar 2013 | Birth |
| 311 FHA-7 | M | ~ Nov 2013 | UNK | UNK | NANDANKAN | ~ Nov 2013 | Birth |
| 312 FHA-8 | F | ~ Nov 2013 | UNK | UNK | NANDANKAN | ~ Nov 2013 | Birth |
| 313 FHA-9_ | F | ~ Nov 2013 | UNK | UNK | NANDANKAN | ~ Nov 2013 | Birth |
| 314 FHA-10 | ? | ~ Jan 2014 | UNK | UNK | NANDANKAN | ~ Jan 2014 | Birth |
| 315 FHA-11 | ? | ~ Jan 2014 | UNK | UNK | NANDANKAN | ~ Jan 2014 | Birth |
| 316 FHA-12 | ? | ~ Jan 2014 | UNK | UNK | NANDANKAN | ~ Jan 2014 | Birth |
| 319 FHA-13 | ? | ~ Mar 2014 | UNK | UNK | NANDANKAN | ~ Mar 2014 | Birth |
| 344 NONE | M | 16-Feb-16 | WILD | WILD | INDIA NANDANKAN | ~ 1 Mar 2016 ~ 2016 | Capture Transfer |
| 345 NONE | M | 16-Feb-16 | WILD | WILD | INDIA NANDANKAN | ???? 14-Apr-16 | Capture Transfer |
| Total: 5.5.6(16) | | | | | | | |
| Rajiv Gandhi Zoological Park And Wildlife Research Center, Pune | | | | | | | |
| 184 NONE 10067 | M | ???? | WILD | WILD | INDIA PUNE | ~ Nov 2007 28-Nov-07 | Capture Transfer |
| 298 10197 | F | ~ Mar 2012 | WILD | WILD | INDIA PUNE | ???? 11-Apr-13 | Capture Transfer |
| 302 NONE 10196 | M | ~ 2012 | WILD | WILD | INDIA PUNE | ???? 11-Apr-13 | Capture Transfer |
| 328 10199 | M | 28-Sep-15 | 302 | 298 | PUNE | 28-Sep-15 | Birth |
| 329 10200 | F | 28-Sep-15 | 302 | 298 | PUNE | 28-Sep-15 | Birth |
| Total: 3.2.0(5) | | | | | | | |
| Dr. Shyamaprasad Mukharjee Zoological Garden, Surat | | | | | | | |
| 103 NONE | F | ???? | WILD | WILD | INDIA SURAT | ???? ???? | Capture Transfer |
| 104 NONE | M | ???? | WILD | WILD | INDIA SURAT | ???? ???? | Capture Transfer |
| 105 NONE | M | ???? | WILD | WILD | INDIA SURAT | ???? ???? | Capture Transfer |
| 106 | M | ???? | UNK | UNK | SURAT | ???? | Birth |
| 107 | M | ???? | UNK | UNK | SURAT | ???? | Birth |
| 171 NONE | M | ~ 1 Jul 2007 | WILD | WILD | INDIA SURAT | ~ 1 Jul 2007 15-Jul-07 | Capture Transfer |
| 239 | F | 15-Sep-10 | UNK | UNK | SURAT | 15-Sep-10 | Birth |
| 258 | F | 13-Oct-11 | UNK | UNK | SURAT | 13-Oct-11 | Birth |
| 261 | F | 23-Oct-11 | UNK | UNK | SURAT | 23-Oct-11 | Birth |
| 262 NONE | M | ~ 2011 | WILD | WILD | INDIA SURAT | ~ 2011 24-Oct-11 | Capture Transfer |
| 265 NONE | M | ~ 2011 | WILD | WILD | INDIA SURAT | ~ 2011 24-Oct-11 | Capture Transfer |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------------------|---------------------------|---------------------------------|
| Total: 7.4.0(11) | | | | | | | |
| Sri Venkateswara Zoological Park, Tirupati | | | | | | | |
| 247 Parmita 0006EF6B93 | F | 15-Dec-10 | UNK | UNK | TIRUPATI | 15-Dec-10 | Birth |
| 271 Madesh 0006EFE329 | M | 30-Dec-11 | UNK | UNK | TIRUPATI | 30-Dec-11 | Birth |
| 277 Tara 0006EF72CE | F | 17-Feb-12 | UNK | UNK | TIRUPATI | 17-Feb-12 | Birth |
| 280 Pallavi 0006EFCD4B | F | 30-Apr-12 | UNK | UNK | TIRUPATI | 30-Apr-12 | Birth |
| 281 Rudra 0006EFDED9 | M | 30-Apr-12 | UNK | UNK | TIRUPATI | 30-Apr-12 | Birth |
| 299 Girish 00718E5E1 | M | 01-Jul-13 | UNK | UNK | TIRUPATI | 01-Jul-13 | Birth |
| 300 Yogesh 000719712D | M | 01-Jul-13 | UNK | UNK | TIRUPATI | 01-Jul-13 | Birth |
| 326 Nakul 000719033D | M | 09-Jan-15 | 271 | 277 | TIRUPATI | 09-Jan-15 | Birth |
| 327 Somnath 0006EF5FAD | M | 09-Jan-15 | 271 | 277 | TIRUPATI | 09-Jan-15 | Birth |
| Total: 5.3.0(8) | | | | | | | |
| Indira Gandhi Zoological Park, Visakapatnam | | | | | | | |
| 211 NONE | F | ???? | WILD | WILD | INDIA VISAKAPAT | ???? 23-Jul-09 | Capture Transfer |
| 288 NONE | M | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? 23-Sep-12 | Capture Transfer Transfer |
| 289 NONE | M | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? 23-Sep-12 | Capture Transfer Transfer |
| 290 NONE | F | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? 23-Sep-12 | Capture Transfer Transfer |
| 291 NONE | F | ???? | WILD | WILD | INDIA TIRUPATI VISAKAPAT | ???? 23-Sep-12 | Capture Transfer Transfer |
| Total: 2.3.0(5) | | | | | | | |
| Vanavigyan Kendra, Hunter Road, Warangal | | | | | | | |
| 201 NONE KZ1001 | F | ~ 2007 | WILD | WILD | TELANGANA | ~24 Dec 2008 03-Jan-09 | Capture Transfer |
| 202 NONE KZ1002 | M | ~ Jun 2007 | WILD | WILD | TELANGANA | ~12 Dec 2008 03-Jan-09 | Capture Transfer |
| 203 | F | ~ 2008 | WILD | WILD | TELANGANA | ~ 1 Jan 2009 | Capture |

| Stud# LocalID Tag/Band House Name Transponder | Sex | Birth Date | Sire | Dam | Location | Date | Event |
|---|-----|------------|------|------|--------------------|---------------------------|---------------------|
| NONE KZ1003 | | | | | | 06-Jan-09 | Transfer |
| 235 NONE KZ1004 | F | ~ Aug 2010 | WILD | WILD | INDIA TELANGANA | ~24 Aug 2010 26-Aug-10 | Capture Transfer |
| 248 KZ1005 | F | 28-Feb-11 | 202 | 201 | TELANGANA | 28-Feb-11 | Birth |
| 249 KZ1006 | F | 28-Feb-11 | 202 | 201 | TELANGANA | 28-Feb-11 | Birth |
| 268 KZ1007 | M | 16-Dec-11 | 202 | 235 | TELANGANA | 16-Dec-11 | Birth |
| 269 KZ1008 | F | 16-Dec-11 | 202 | 235 | TELANGANA | 16-Dec-11 | Birth |
| Total: 2.6.0(8) | | | | | | | |
| Total Living Population: 50.73.30(153) | | | | | | | |


```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 6
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

  \      /
  dam\  /sire
      \  /
       6

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 7
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

  \      /
  dam\  /sire
      \  /
       7

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 8
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

  \      /
  dam\  /sire
      \  /
       8

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 9
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

  \      /
  dam\  /sire
      \  /
       9

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 10
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

  \      /
  dam\  /sire
      \  /
      10

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 11
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            11

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 12
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            12

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 13
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            13

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 14
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            14

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 15
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            15

```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 16
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD
13 + 14 +
Sex: Female
Birth Date: 12 Sep 1990
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 16

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 17
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD
13 + 14 +
Sex: Female
Birth Date: 12 Sep 1990
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 17

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 18
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD
15 + 7 +
Sex: Female
Birth Date: 23 Oct 1991
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 18

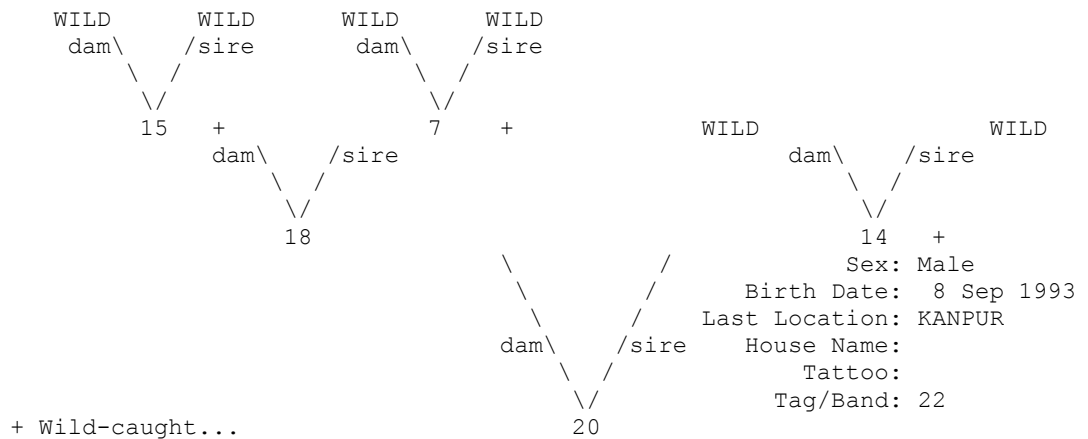
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 19
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD
15 + 7 +
Sex: Female
Birth Date: 23 Oct 1991
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 19

=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 20

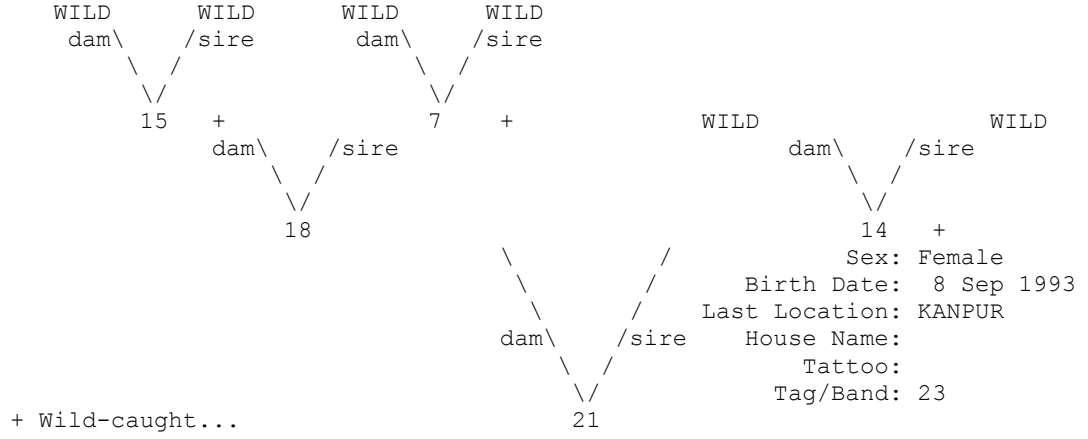
=====



=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 21

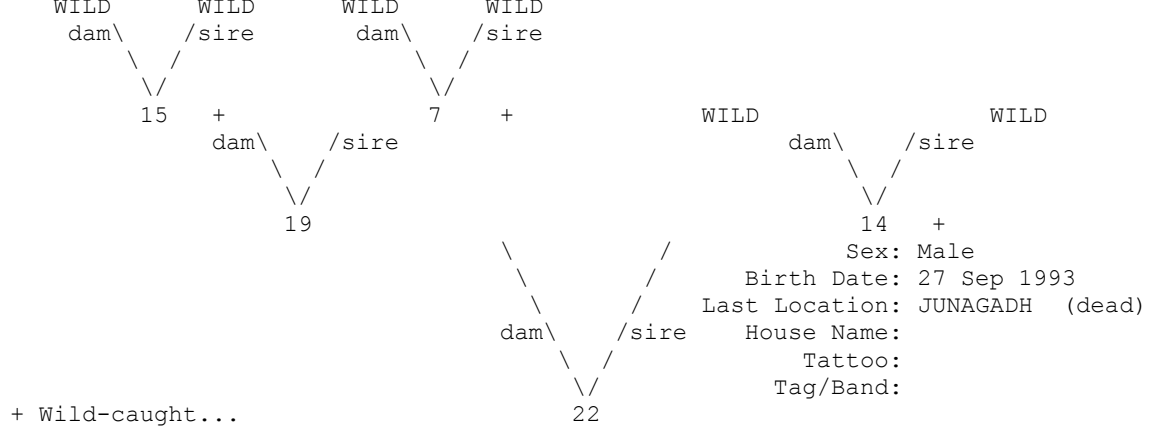
=====



=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 22

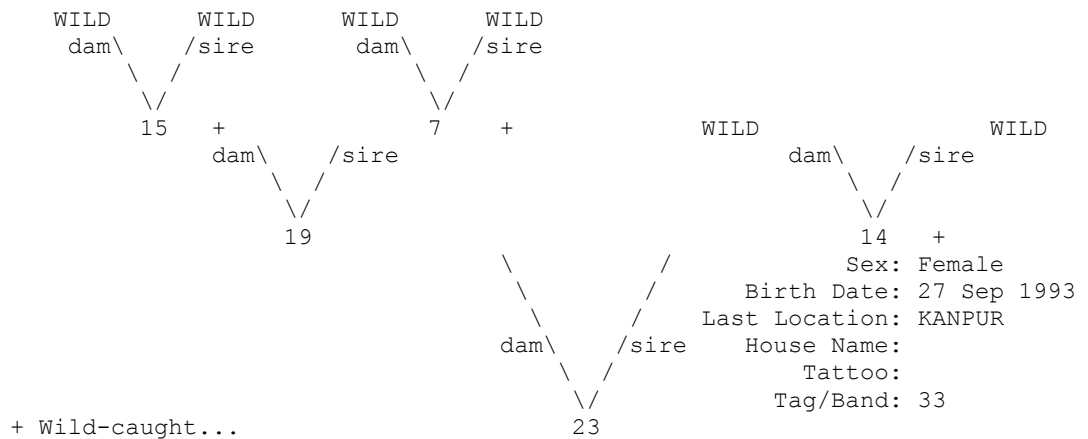
=====



=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 23

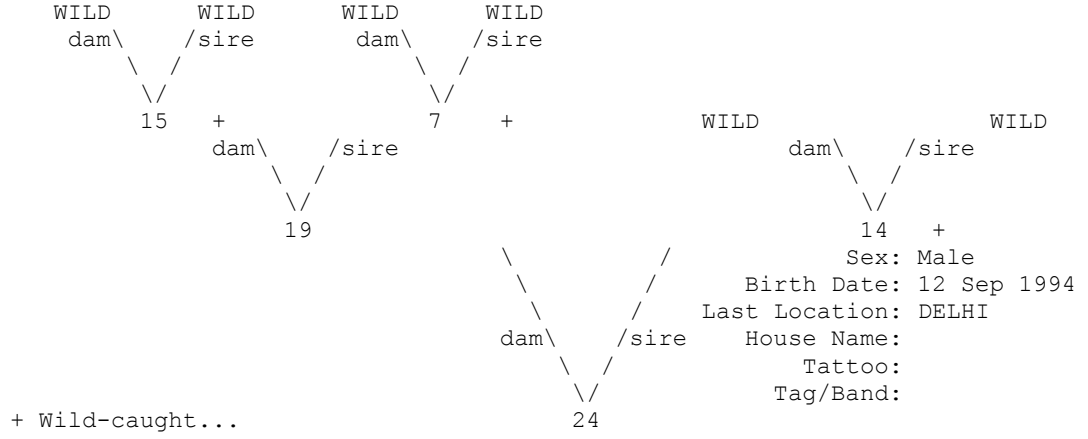
=====



=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 24

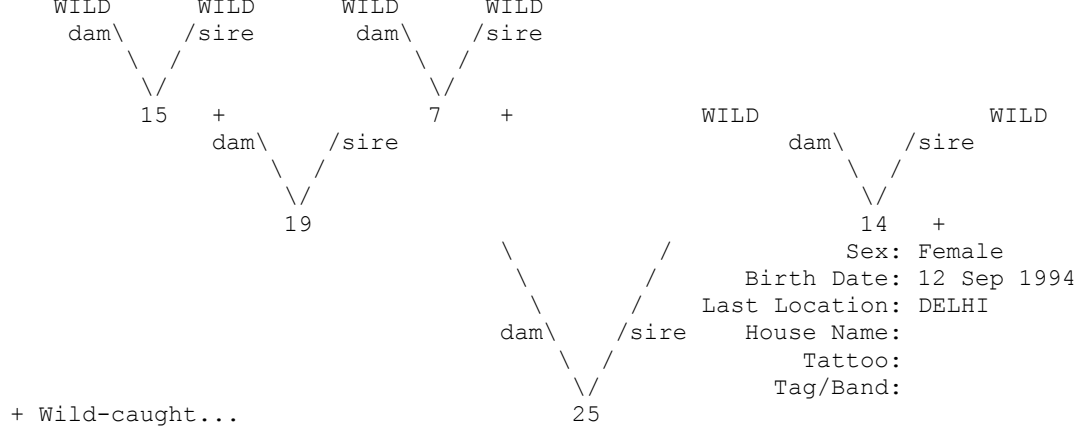
=====



=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 25

=====

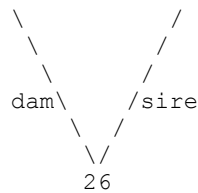


=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 26

=====

WILD



WILD

Sex: Female

Birth Date: ????

Last Location: CALCUTTA (dead)

House Name:

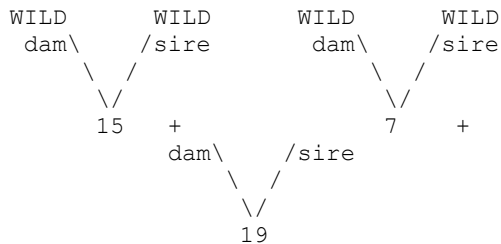
Tattoo:

Tag/Band:

=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 27

=====



WILD dam\' /sire WILD

14 +

Sex: Male

Birth Date: 27 Sep 1994

Last Location: JUNAGADH (dead)

House Name:

Tattoo:

Tag/Band:

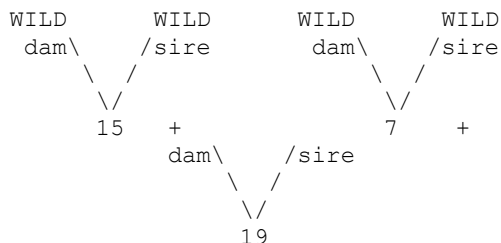
+ Wild-caught...



=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 28

=====



WILD dam\' /sire WILD

14 +

Sex: Female

Birth Date: 27 Sep 1994

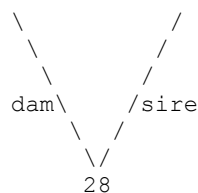
Last Location: DELHI

House Name:

Tattoo:

Tag/Band:

+ Wild-caught...

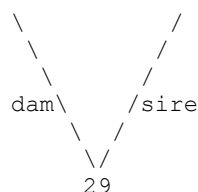


=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 29

=====

WILD



WILD

Sex: Male

Birth Date: ~ 1993

Last Location: JUNAGADH (dead)

House Name:

Tattoo:

Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 30
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 2 Oct 1995
                                                    Last Location: DELHI
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band: 80
      \
      /
      dam \ /sire
           \ /
            30

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 31
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 2 Oct 1995
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
      \
      /
      dam \ /sire
           \ /
            31

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 32
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 26 Oct 1995
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
      \
      /
      dam \ /sire
           \ /
            32

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 33
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 4 Jan 1996
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
      \
      /
      dam \ /sire
           \ /
            33

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 34
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 19 Jan 1996
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
      \
      /
      dam \ /sire
           \ /
            34

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 35
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 11 Sep 1996
                                                    Last Location: JUNAGADH (dead)
dam \ /sire
  \ /
   35
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 36
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 11 Sep 1996
                                                    Last Location: JUNAGADH (dead)
dam \ /sire
  \ /
   36
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 37
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date: ???
                                                    Last Location: JUNAGADH (dead)
dam \ /sire
  \ /
   37
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 38
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date: ~ 1995
                                                    Last Location: JUNAGADH (dead)
dam \ /sire
  \ /
   38
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 39
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date: ~ 1996
                                                    Last Location: JUNAGADH (dead)
dam \ /sire
  \ /
   39
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 40
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: VISAKAPAT (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            40

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 41
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: VISAKAPAT (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            41

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 42
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: VISAKAPAT (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            42

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 43
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 4 Apr 1997
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            43

```

```

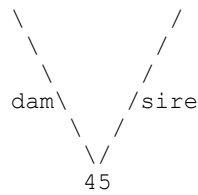
=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 44
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 4 Apr 1997
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            44

```

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 45
 =====

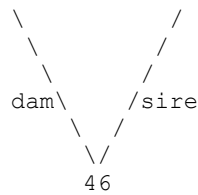
UNK



UNK
 Sex: Male
 Birth Date: 17 Apr 1997
 Last Location: GUJARAT
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 46
 =====

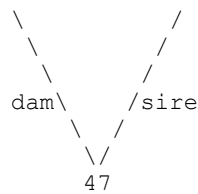
UNK



UNK
 Sex: Male
 Birth Date: 23 Apr 1997
 Last Location: GUJARAT
 House Name:
 Tattoo:
 Tag/Band:

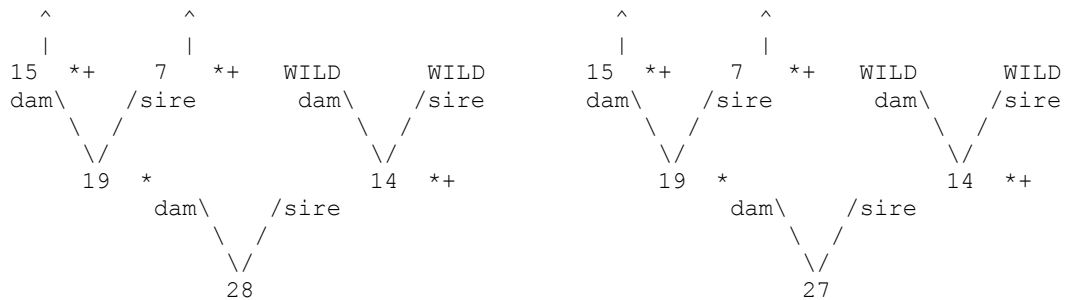
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 47
 =====

UNK



UNK
 Sex: Male
 Birth Date: 23 Apr 1997
 Last Location: GUJARAT
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 48
 =====

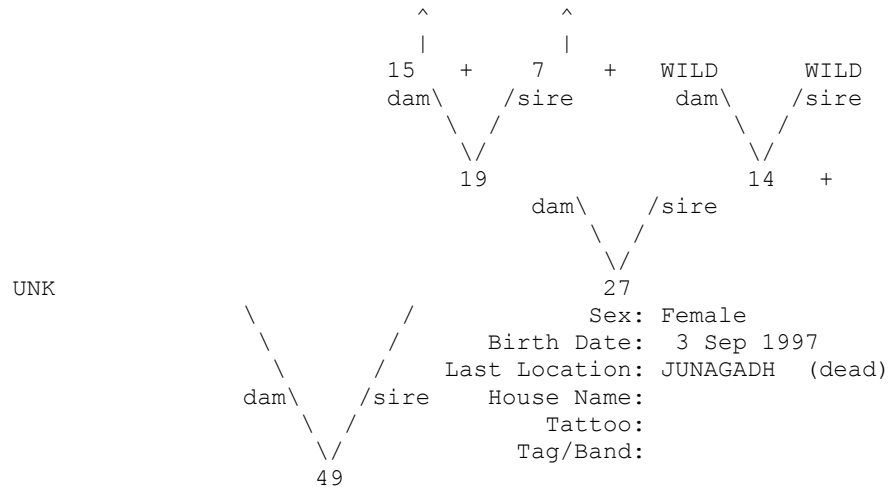


Sex: Male
 Birth Date: 31 Aug 1997
 Last Location: JUNAGADH (dead)
 House Name:
 Tattoo:
 Tag/Band:

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

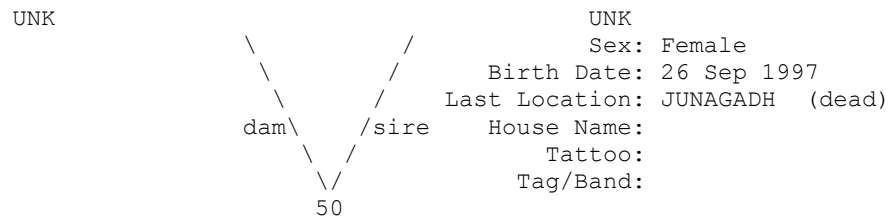
^ Pedigree continues beyond top of page...

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 49
=====

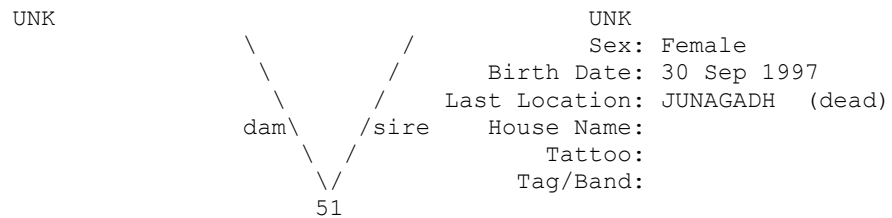


+ Wild-caught...
^ Pedigree continues beyond top of page...

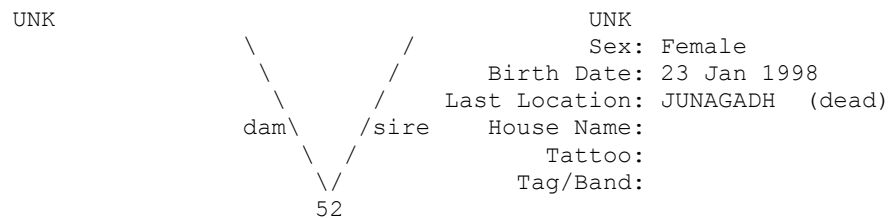
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 50
=====



=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 51
=====



=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 52
=====



```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 53
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 23 Jan 1998
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        53

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 54
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 23 Jan 1998
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        54

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 55
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 13 Feb 1998
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        55

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 56
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 13 Feb 1998
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        56

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 57
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 17 Sep 1998
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        57

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 58
=====
UNK                                                                UNK
                                                                Sex: Male
                                                                Birth Date: 24 Sep 1998
                                                                Last Location: JUNAGADH (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
    \
dam \ /sire
    /
    58

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 59
=====
UNK                                                                UNK
                                                                Sex: Male
                                                                Birth Date: 24 Sep 1998
                                                                Last Location: JUNAGADH (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
    \
dam \ /sire
    /
    59

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 60
=====
WILD                                                                WILD
                                                                Sex: Female
                                                                Birth Date: ???
                                                                Last Location: CALCUTTA (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
    \
dam \ /sire
    /
    60

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 61
=====
WILD                                                                WILD
                                                                Sex: Female
                                                                Birth Date: ???
                                                                Last Location: GANDHINAG (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
    \
dam \ /sire
    /
    61

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 62
=====
WILD                                                                WILD
                                                                Sex: Female
                                                                Birth Date: ???
                                                                Last Location: GANDHINAG (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
    \
dam \ /sire
    /
    62

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 63
=====
UNK                                                    UNK
                \      /
                dam\  /sire
                \    /
                63
                Sex: Female
                Birth Date: 23 Sep 1999
                Last Location: JUNAGADH (dead)
                House Name:
                Tattoo:
                Tag/Band: 56

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 64
=====
UNK                                                    UNK
                \      /
                dam\  /sire
                \    /
                64
                Sex: Male
                Birth Date: 24 Sep 1999
                Last Location: JUNAGADH (dead)
                House Name:
                Tattoo:
                Tag/Band: 57

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 65
=====
UNK                                                    UNK
                \      /
                dam\  /sire
                \    /
                65
                Sex: Male
                Birth Date: 25 Sep 1999
                Last Location: JUNAGADH (dead)
                House Name:
                Tattoo:
                Tag/Band: 58

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 66
=====
UNK                                                    UNK
                \      /
                dam\  /sire
                \    /
                66
                Sex: Male
                Birth Date: 4 Nov 1999
                Last Location: JUNAGADH (dead)
                House Name:
                Tattoo:
                Tag/Band: 64

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 67
=====
UNK                                                    UNK
                \      /
                dam\  /sire
                \    /
                67
                Sex: Male
                Birth Date: 4 Nov 1999
                Last Location: JUNAGADH (dead)
                House Name:
                Tattoo:
                Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 68
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 6 Nov 1999
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            68
  
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 69
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 6 Nov 1999
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band: 68

      \      /
      dam\  /sire
           \  /
            69
  
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 70
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date: ???
                                                    Last Location: VISAKAPAT (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            70
  
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 71
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date: ???
                                                    Last Location: VISAKAPAT (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            71
  
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 72
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date: ~ Nov 1999
                                                    Last Location: PUNE (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            72
  
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 73
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date: ????
                                                    Last Location: VISAKAPAT (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \  /sire
     \  /
      \ /
       V
      73

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 74
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date: ~ Nov 1999
                                                    Last Location: PUNE (dead)
                                                    House Name: DON
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \  /sire
     \  /
      \ /
       V
      74

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 75
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 15 Apr 2000
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \  /sire
     \  /
      \ /
       V
      75

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 76
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 2 Sep 2000
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \  /sire
     \  /
      \ /
       V
      76

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 77
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 18 Sep 2000
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \  /sire
     \  /
      \ /
       V
      77

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 78
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 23 Sep 2000
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      78

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 79
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 27 Sep 2000
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      79

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 80
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 27 Sep 2000
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      80

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 81
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 27 Sep 2000
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      81

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 82
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 28 Sep 2000
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      82

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 83
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 30 Sep 2000
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      83

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 84
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 10 Oct 2000
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      84

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 85
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date: ???
                                                    Last Location: VISAKAPAT (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      85

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 86
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 8 Jan 2001
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      86

```

```

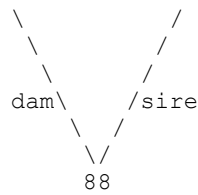
=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 87
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 2 Feb 2001
                                                    Last Location: VISAKAPAT (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      87

```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 88
=====

UNK

UNK

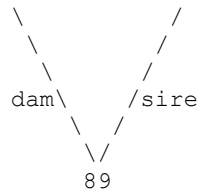


Sex: Female
Birth Date: 29 Mar 2001
Last Location: VEERMATA (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 89
=====

UNK

UNK

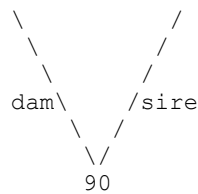


Sex: Male
Birth Date: ????
Last Location: KANPUR (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 90
=====

WILD

WILD

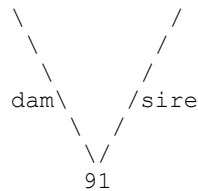


Sex: Female
Birth Date: ????
Last Location: KANPUR (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 91
=====

WILD

WILD

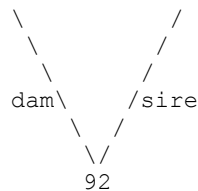


Sex: Female
Birth Date: ~ Apr 2001
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 92
=====

UNK

UNK



Sex: Male
Birth Date: 13 Sep 2001
Last Location: VEERMATA (dead)
House Name:
Tattoo:
Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 93
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 13 Sep 2001
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        93

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 94
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 15 Sep 2001
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        94

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 95
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 15 Sep 2001
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        95

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 96
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 18 Sep 2001
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        96

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 97
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 18 Sep 2001
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
        97

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 98
=====
                UNK                                     UNK
                \   \                                   Sex: Female
                /   /                                   Birth Date: 15 Oct 2001
                dam\ /sire                             Last Location: JUNAGADH (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
                \   /                                   Tag/Band:
                98
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 99
=====
                WILD                                   WILD
                dam\ /sire                             dam\ /sire
                \   /                                   \   /
                /   \                                   /   \
                72  +                                   74  +
                \   /                                   DON
                /   \                                   Sex: Female
                dam\ /sire                             Birth Date: 13 Dec 2001
                \   /                                   Last Location: PUNE (dead)
                /   \                                   House Name:
                \   /                                   Tattoo:
                99                                   Tag/Band:
+ Wild-caught...
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 100
=====
                WILD                                   WILD
                dam\ /sire                             dam\ /sire
                \   /                                   \   /
                /   \                                   /   \
                72  +                                   74  +
                \   /                                   DON
                /   \                                   Sex: Female
                dam\ /sire                             Birth Date: 13 Dec 2001
                \   /                                   Last Location: PUNE (dead)
                /   \                                   House Name:
                \   /                                   Tattoo:
                100                                  Tag/Band:
+ Wild-caught...
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 101
=====
                WILD                                     WILD
                \   \                                   Sex: Male
                /   /                                   Birth Date: ~ May 2001
                dam\ /sire                             Last Location: PUNE (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
                \   /                                   Tag/Band:
                101
=====

```

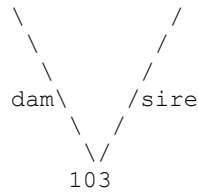
```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 102
=====
                UNK                                     UNK
                \   \                                   Sex: Male
                /   /                                   Birth Date: ~ 2002
                dam\ /sire                             Last Location: DELHI (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
                \   /                                   Tag/Band:
                102
=====

```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 103
=====

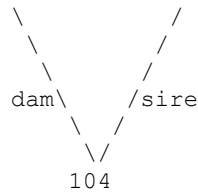
WILD



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

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 104
=====

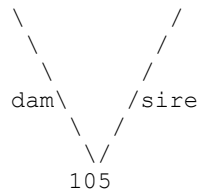
WILD



WILD
Sex: Male
Birth Date: ????
Last Location: SURAT
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 105
=====

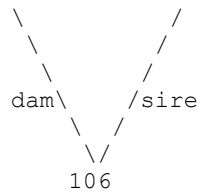
WILD



WILD
Sex: Male
Birth Date: ????
Last Location: SURAT
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 106
=====

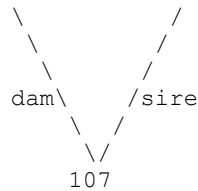
UNK



UNK
Sex: Male
Birth Date: ????
Last Location: SURAT
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 107
=====

UNK



UNK
Sex: Male
Birth Date: ????
Last Location: SURAT
House Name:
Tattoo:
Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 108
=====
UNK                                                                UNK
                                                                Sex: Female
                                                                Birth Date: 28 Aug 2002
                                                                Last Location: JUNAGADH (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
      \      /
      dam\  /sire
         \  /
          108

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 109
=====
UNK                                                                UNK
                                                                Sex: Male
                                                                Birth Date: 7 Sep 2002
                                                                Last Location: GUJARAT
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
      \      /
      dam\  /sire
         \  /
          109

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 110
=====
UNK                                                                UNK
                                                                Sex: Male
                                                                Birth Date: 7 Sep 2002
                                                                Last Location: JUNAGADH (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
      \      /
      dam\  /sire
         \  /
          110

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 111
=====
UNK                                                                UNK
                                                                Sex: Female
                                                                Birth Date: 15 Sep 2002
                                                                Last Location: JUNAGADH (dead)
                                                                House Name:
                                                                Tattoo:
                                                                Tag/Band:
      \      /
      dam\  /sire
         \  /
          111

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                               Studbook Number: 112
=====
WILD      WILD      UNK      UNK
  dam\    /sire      dam\    /sire
   \    /            \    /
    90  +            89
      \    /            \    /
       \  /            \  /
        112           Sex: Female
                      Birth Date: 15 Sep 2002
                      Last Location: KANPUR (dead)
                      House Name:
                      Tattoo:
                      Tag/Band:
      \      /
      dam\  /sire
         \  /
          112

```

+ Wild-caught...

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 113
=====
                UNK                                     UNK
                \   \                                   Sex: Male
                /   /                                   Birth Date: 24 Sep 2002
                dam\ /sire                               Last Location: CHATBIR Z
                \   /                                   House Name:
                \ /                                     Tattoo:
                113                                   Tag/Band:
    
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 114
=====
                UNK                                     UNK
                \   \                                   Sex: Male
                /   /                                   Birth Date: 24 Sep 2002
                dam\ /sire                               Last Location: JUNAGADH (dead)
                \   /                                   House Name:
                \ /                                     Tattoo:
                114                                   Tag/Band:
    
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 115
=====
                WILD   WILD   WILD   WILD
                dam\ /sire   dam\ /sire
                \   /       \   /
                91   +       101   +
                \   /       \   /
                \ /         \ /
                \ /         \ /
                115
+ Wild-caught...
    
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 116
=====
                WILD   WILD   WILD   WILD
                dam\ /sire   dam\ /sire
                \   /       \   /
                91   +       101   +
                \   /       \   /
                \ /         \ /
                \ /         \ /
                116
+ Wild-caught...
    
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 117
=====
                UNK                                     UNK
                \   \                                   Sex: Male
                /   /                                   Birth Date: 7 Oct 2002
                dam\ /sire                               Last Location: VEERMATA (dead)
                \   /                                   House Name:
                \ /                                     Tattoo:
                117                                   Tag/Band:
    
```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 118
=====
                UNK                                     UNK
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                118                               118
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                118                               118

Sex: Female
Birth Date: 7 Oct 2002
Last Location: VEERMATA (dead)
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 119
=====
                UNK                                     UNK
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                119                               119
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                119                               119

Sex: Female
Birth Date: 13 Oct 2002
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 120
=====
                WILD                                   WILD
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                72  +                               74  +
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                120                               120

                WILD                                   WILD
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                74  +                               74  +
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                120                               120

Sex: Male
Birth Date: 10 Dec 2002
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:
+ Wild-caught...

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 121
=====
                WILD                                   WILD
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                72  +                               74  +
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                121                               121

                WILD                                   WILD
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                74  +                               74  +
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                121                               121

Sex: Female
Birth Date: 10 Dec 2002
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:
+ Wild-caught...

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 122
=====
                WILD                                     WILD
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                122                               122
                \                                     /
                /                                     \
                \                                     /
                /                                     \
                dam\                               /sire
                \  /                               \  /
                \  /                               \  /
                122                               122

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

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 123
=====
                UNK                                     UNK
                \   /                                   Sex: Male
                /   \                                   Birth Date: 19 Mar 2003
               dam\  /sire                             Last Location: JUNAGADH (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
               123                                     Tag/Band:
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 124
=====
                UNK                                     UNK
                \   /                                   Sex: Female
                /   \                                   Birth Date: 10 Jul 2003
               dam\  /sire                             Last Location: JUNAGADH (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
               124                                     Tag/Band:
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 125
=====
                UNK                                     UNK
                \   /                                   Sex: Female
                /   \                                   Birth Date: 10 Jul 2003
               dam\  /sire                             Last Location: JUNAGADH (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
               125                                     Tag/Band:
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 126
=====
        WILD          WILD          UNK          UNK
        dam\  /sire    dam\  /sire
         \   /         \   /
          90  +         89
                \   /                                   Sex: Female
                /   \                                   Birth Date: 20 Sep 2003
               dam\  /sire                             Last Location: KANPUR (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
               126                                     Tag/Band:
+ Wild-caught...
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 127
=====
                UNK                                     UNK
                \   /                                   Sex: Female
                /   \                                   Birth Date: 23 Sep 2003
               dam\  /sire                             Last Location: JUNAGADH (dead)
                \   /                                   House Name:
                /   \                                   Tattoo:
               127                                     Tag/Band:
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 128
=====
UNK                                                       UNK
                                                         Sex: Male
                                                         Birth Date: 16 Oct 2003
                                                         Last Location: JUNAGADH (dead)
dam \ /sire                                             House Name:
      \ /                                              Tattoo:
       \ /                                             Tag/Band:
        \ /
         V
        128

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 129
=====
UNK                                                       UNK
                                                         Sex: Male
                                                         Birth Date: 16 Oct 2003
                                                         Last Location: JUNAGADH (dead)
dam \ /sire                                             House Name:
      \ /                                              Tattoo:
       \ /                                             Tag/Band:
        \ /
         V
        129

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 130
=====
UNK                                                       UNK
                                                         Sex: Female
                                                         Birth Date: 25 Oct 2003
                                                         Last Location: JUNAGADH (dead)
dam \ /sire                                             House Name:
      \ /                                              Tattoo:
       \ /                                             Tag/Band:
        \ /
         V
        130

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 131
=====
WILD                                                       WILD
                                                         Sex: Male
                                                         Birth Date: ???
                                                         Last Location: VISAKAPAT (dead)
dam \ /sire                                             House Name:
      \ /                                              Tattoo:
       \ /                                             Tag/Band:
        \ /
         V
        131

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 132
=====
WILD                                                       WILD
                                                         Sex: Female
                                                         Birth Date: ???
                                                         Last Location: VISAKAPAT (dead)
dam \ /sire                                             House Name:
      \ /                                              Tattoo:
       \ /                                             Tag/Band:
        \ /
         V
        132

```

=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 133

=====

```

WILD dam\ /sire WILD WILD dam\ /sire WILD
      \  /      \  /      \  /      \  /
       72 +      101 +
                Sex: Female
                Birth Date: 10 May 2004
                Last Location: PUNE (dead)
                House Name:
                Tattoo:
                Tag/Band:
  
```

+ Wild-caught... 133

=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 134

=====

```

WILD dam\ /sire WILD WILD dam\ /sire WILD
      \  /      \  /      \  /      \  /
       72 +      101 +
                Sex: Female
                Birth Date: 10 May 2004
                Last Location: PUNE (dead)
                House Name:
                Tattoo:
                Tag/Band:
  
```

+ Wild-caught... 134

=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 135

=====

```

WILD dam\ /sire WILD WILD dam\ /sire WILD
      \  /      \  /      \  /      \  /
       91 +      101 +
                Sex: Male
                Birth Date: 30 Aug 2004
                Last Location: PUNE (dead)
                House Name:
                Tattoo:
                Tag/Band:
  
```

+ Wild-caught... 135

=====

Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 136

=====

```

WILD dam\ /sire WILD WILD dam\ /sire WILD
      \  /      \  /      \  /      \  /
       91 +      101 +
                Sex: Female
                Birth Date: 30 Aug 2004
                Last Location: PUNE (dead)
                House Name:
                Tattoo:
                Tag/Band:
  
```

+ Wild-caught... 136

```

=====
Taxon Name: TETRACERUS QUADRICORNIS           Studbook Number: 137
=====
UNK                                           UNK
                                           Sex: Male
                                           Birth Date: 8 Sep 2004
                                           Last Location: KANPUR (dead)
                                           House Name:
                                           Tattoo:
                                           Tag/Band:
      \      /
      dam\  /sire
           \  /
            137

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS           Studbook Number: 138
=====
UNK                                           UNK
                                           Sex: Male
                                           Birth Date: 15 Sep 2004
                                           Last Location: JUNAGADH (dead)
                                           House Name:
                                           Tattoo:
                                           Tag/Band:
      \      /
      dam\  /sire
           \  /
            138

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS           Studbook Number: 139
=====
UNK                                           UNK
                                           Sex: Female
                                           Birth Date: 15 Sep 2004
                                           Last Location: CHATBIR Z
                                           House Name:
                                           Tattoo:
                                           Tag/Band:
      \      /
      dam\  /sire
           \  /
            139

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS           Studbook Number: 140
=====
UNK                                           UNK
                                           Sex: Male
                                           Birth Date: 6 Oct 2004
                                           Last Location: JUNAGADH (dead)
                                           House Name:
                                           Tattoo:
                                           Tag/Band:
      \      /
      dam\  /sire
           \  /
            140

```

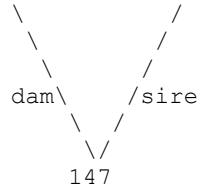
```

=====
Taxon Name: TETRACERUS QUADRICORNIS           Studbook Number: 141
=====
UNK                                           UNK
                                           Sex: Female
                                           Birth Date: 6 Oct 2004
                                           Last Location: CHATBIR Z
                                           House Name:
                                           Tattoo:
                                           Tag/Band:
      \      /
      dam\  /sire
           \  /
            141

```


=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 147
=====

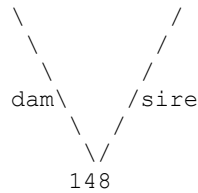
UNK



UNK
Sex: Female
Birth Date: 23 Sep 2005
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 148
=====

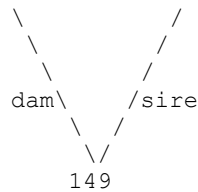
UNK



UNK
Sex: Male
Birth Date: 28 Sep 2005
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 149
=====

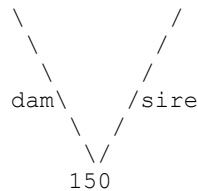
UNK



UNK
Sex: Male
Birth Date: 4 Oct 2005
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 150
=====

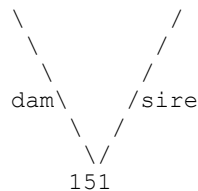
UNK



UNK
Sex: Female
Birth Date: 4 Oct 2005
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 151
=====

UNK



UNK
Sex: Female
Birth Date: 30 Nov 2005
Last Location: VEERMATA (dead)
House Name:
Tattoo:
Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 152
=====
                UNK                                     UNK
                \   /                                     Sex: Female
                \ / \ /                                     Birth Date: 14 Dec 2005
                dam \ /sire                               Last Location: JUNAGADH (dead)
                \   /                                     House Name:
                \ / \ /                                     Tattoo:
                152                                     Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 153
=====
                UNK                                     UNK
                \   /                                     Sex: Male
                \ / \ /                                     Birth Date: 14 Dec 2005
                dam \ /sire                               Last Location: JUNAGADH (dead)
                \   /                                     House Name:
                \ / \ /                                     Tattoo:
                153                                     Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 154
=====
                UNK                                     UNK
                \   /                                     Sex: Female
                \ / \ /                                     Birth Date: 28 Dec 2005
                dam \ /sire                               Last Location: VEERMATA (dead)
                \   /                                     House Name:
                \ / \ /                                     Tattoo:
                154                                     Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 155
=====
                WILD   WILD   WILD   WILD
                dam \ /sire   dam \ /sire
                \   /         \   /
                \ / \ /         \ / \ /
                72  +          101  +
                               Sex: Male
                               Birth Date: 5 Feb 2006
                               Last Location: PUNE (dead)
                               House Name:
                               Tattoo:
                               Tag/Band:
+ Wild-caught...
                \   /
                \ / \ /
                dam \ /sire
                \   /
                \ / \ /
                155

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 156
=====
                WILD   WILD   WILD   WILD
                dam \ /sire   dam \ /sire
                \   /         \   /
                \ / \ /         \ / \ /
                72  +          101  +
                               Sex: Male
                               Birth Date: 5 Feb 2006
                               Last Location: PUNE (dead)
                               House Name:
                               Tattoo:
                               Tag/Band:
+ Wild-caught...
                \   /
                \ / \ /
                dam \ /sire
                \   /
                \ / \ /
                156

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 157
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: ~ 2006
                                                    Last Location: KANPUR (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
    \ dam \
    \      \
    \      \ 157
    /      /
    /      /sire
    /
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 158
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 3 Sep 2006
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
    \ dam \
    \      \
    \      \ 158
    /      /
    /      /sire
    /
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 159
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 3 Sep 2006
                                                    Last Location: JUNAGADH
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
    \ dam \
    \      \
    \      \ 159
    /      /
    /      /sire
    /
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 160
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 17 Sep 2006
                                                    Last Location: JUNAGADH
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
    \ dam \
    \      \
    \      \ 160
    /      /
    /      /sire
    /
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 161
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 3 Oct 2006
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
    \ dam \
    \      \
    \      \ 161
    /      /
    /      /sire
    /
=====

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 162
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 3 Oct 2006
                                                    Last Location: VEERMATA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      162

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 163
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 13 Oct 2006
                                                    Last Location: JUNAGADH (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      163

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 164
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 13 Oct 2006
                                                    Last Location: JUNAGADH
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      164

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 165
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 23 Oct 2006
                                                    Last Location: JUNAGADH
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      165

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 166
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 2 May 2007
                                                    Last Location: DELHI
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:
    \
     \
dam \   /sire
     \   /
      \ /
       V
      166

```


=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 172
=====

UNK

dam \ /
 \
 172

UNK
Sex: Male
Birth Date: 28 Aug 2007
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 173
=====

UNK

dam \ /
 \
 173

UNK
Sex: Male
Birth Date: 28 Aug 2007
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 174
=====

UNK

dam \ /
 \
 174

UNK
Sex: Male
Birth Date: 4 Sep 2007
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 175
=====

UNK

dam \ /
 \
 175

UNK
Sex: Female
Birth Date: 6 Sep 2007
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 176
=====

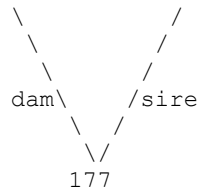
UNK

dam \ /
 \
 176

UNK
Sex: Female
Birth Date: 6 Sep 2007
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 177
=====

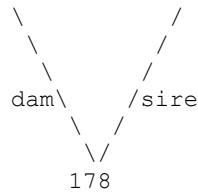
UNK



UNK
Sex: Female
Birth Date: 7 Sep 2007
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 178
=====

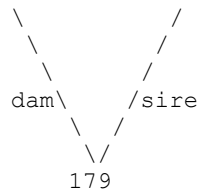
UNK



UNK
Sex: Female
Birth Date: 7 Sep 2007
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 179
=====

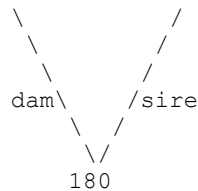
UNK



UNK
Sex: Female
Birth Date: 21 Sep 2007
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 180
=====

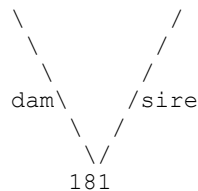
UNK



UNK
Sex: Male
Birth Date: 18 Sep 2007
Last Location: KANPUR (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 181
=====

UNK



UNK
Sex: Male
Birth Date: 18 Sep 2007
Last Location: KANPUR (dead)
House Name:
Tattoo:
Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 182
=====
UNK                                                    UNK
                                                     Sex: Male
                                                     Birth Date: ~ Sep 2007
                                                     Last Location: NANDANKAN
                                                     House Name:
                                                     Tattoo:
                                                     Tag/Band:
      \      /
      dam\  /sire
          \  /
           182

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 183
=====
UNK                                                    UNK
                                                     Sex: Female
                                                     Birth Date: 28 Sep 2007
                                                     Last Location: JUNAGADH
                                                     House Name:
                                                     Tattoo:
                                                     Tag/Band:
      \      /
      dam\  /sire
          \  /
           183

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 184
=====
WILD                                                    WILD
                                                     Sex: Male
                                                     Birth Date: ???
                                                     Last Location: PUNE
                                                     House Name:
                                                     Tattoo:
                                                     Tag/Band:
      \      /
      dam\  /sire
          \  /
           184

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 185
=====
UNK                                                    UNK
                                                     Sex: Female
                                                     Birth Date: 20 Jan 2008
                                                     Last Location: VEERMATA (dead)
                                                     House Name:
                                                     Tattoo:
                                                     Tag/Band:
      \      /
      dam\  /sire
          \  /
           185

```

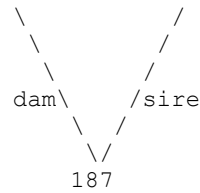
```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 186
=====
WILD dam\  /sire WILD dam\  /sire WILD dam\  /sire WILD dam\  /sire
 91 + 101 +
      dam\  /sire
      116
      \      /
      dam\  /sire
          \  /
           184 +
              Sex: Female
              Birth Date: 23 Jan 2008
              Last Location: MYSORE
              House Name:
              Tattoo:
              Tag/Band:
+ Wild-caught...
      \      /
      dam\  /sire
          \  /
           186

```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 187
=====

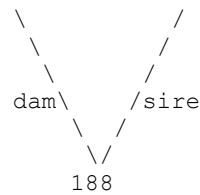
UNK



UNK
Sex: Female
Birth Date: 28 Jan 2008
Last Location: VEERMATA (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 188
=====

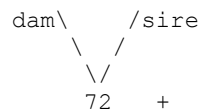
UNK



UNK
Sex: Female
Birth Date: 28 Jan 2008
Last Location: VEERMATA (dead)
House Name:
Tattoo:
Tag/Band:

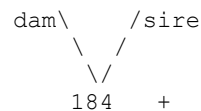
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 189
=====

WILD



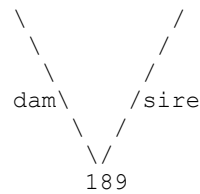
WILD

WILD



WILD

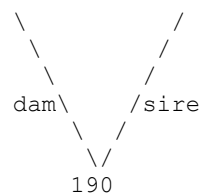
+ Wild-caught...



Sex: Male
Birth Date: 25 Feb 2008
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 190
=====

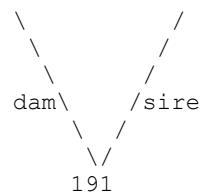
WILD



WILD
Sex: Female
Birth Date: 2 Jul 2001
Last Location: MYSORE (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 191
=====

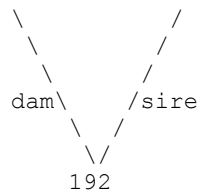
UNK



UNK
Sex: Female
Birth Date: 6 Sep 2008
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 192
=====

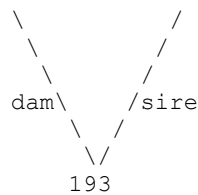
UNK



UNK
Sex: Female
Birth Date: 6 Sep 2008
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 193
=====

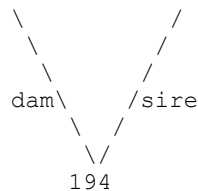
UNK



UNK
Sex: Female
Birth Date: 29 Sep 2008
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 194
=====

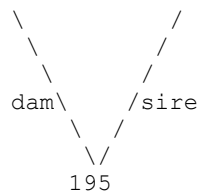
UNK



UNK
Sex: Male
Birth Date: 29 Sep 2008
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 195
=====

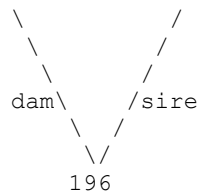
WILD



WILD
Sex: Female
Birth Date: ~ Jan 2008
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 196
=====

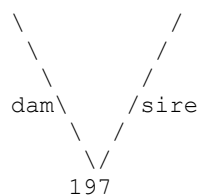
WILD



WILD
Sex: Female
Birth Date: ????
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 197
=====

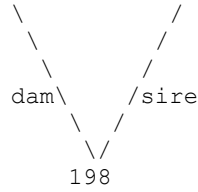
WILD



WILD
Sex: Female
Birth Date: ~ Dec 2007
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:

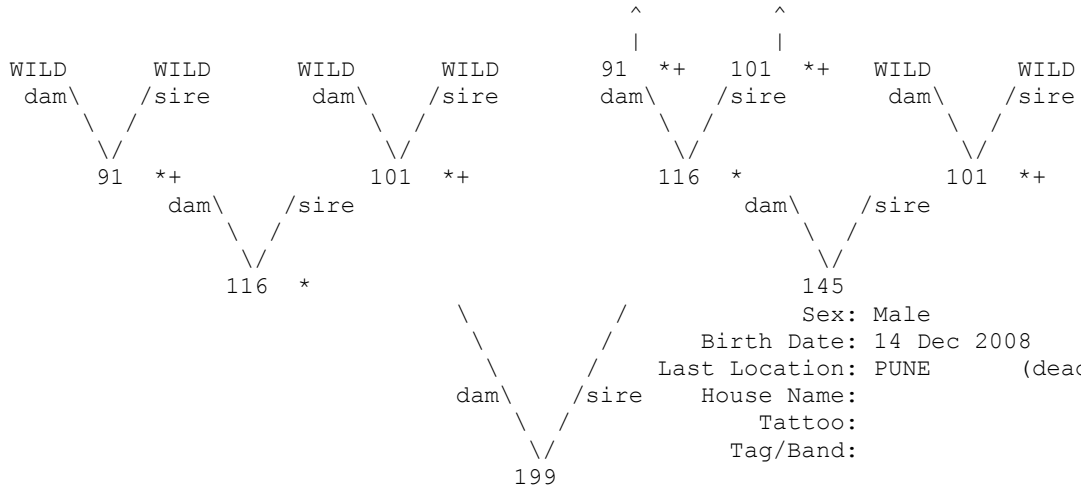
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 198
=====

UNK



UNK
Sex: Female
Birth Date: 11 Oct 2008
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

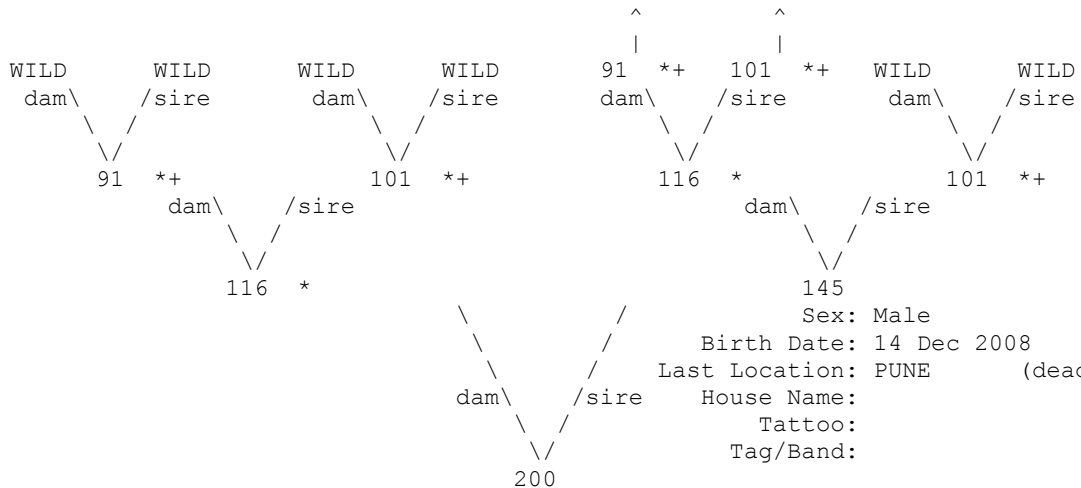
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 199
=====



Sex: Male
Birth Date: 14 Dec 2008
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:

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

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 200
=====

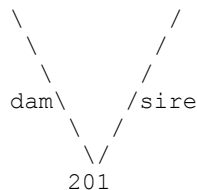


Sex: Male
Birth Date: 14 Dec 2008
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:

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

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 201
 =====

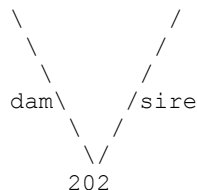
WILD



WILD
 Sex: Female
 Birth Date: ~ 2007
 Last Location: TELANGANA
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 202
 =====

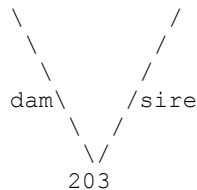
WILD



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

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 203
 =====

WILD



WILD
 Sex: Female
 Birth Date: ~ 2008
 Last Location: TELANGANA
 House Name:
 Tattoo:
 Tag/Band:

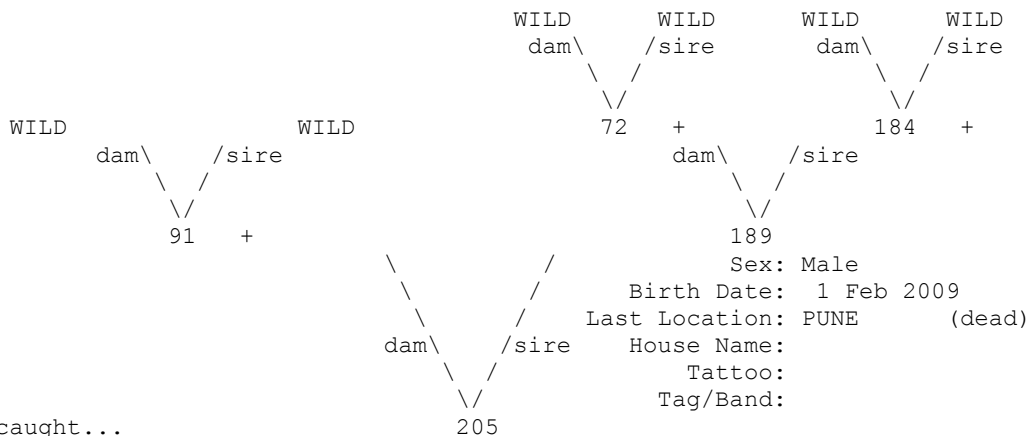
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 204
 =====

UNK



UNK
 Sex: Female
 Birth Date: 22 Jan 2009
 Last Location: JUNAGADH
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 205
 =====



+ Wild-caught...

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 206
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 24 Feb 2009
                                                    Last Location: JUNAGADH (dead)
dam \ /sire
  \ /
   V
  206
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 207
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 24 Feb 2009
                                                    Last Location: JUNAGADH
dam \ /sire
  \ /
   V
  207
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 208
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 12 Jul 2009
                                                    Last Location: MYSORE (dead)
dam \ /sire
  \ /
   V
  208
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 209
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: 12 Jul 2009
                                                    Last Location: MYSORE
dam \ /sire
  \ /
   V
  209
House Name:
Tattoo:
Tag/Band:

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 210
=====
WILD                                                  WILD
                                                    Sex: Male
                                                    Birth Date: ???
                                                    Last Location: VISAKAPAT (dead)
dam \ /sire
  \ /
   V
  210
House Name:
Tattoo:
Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 211
=====

WILD

dam \ /
 \
 211

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

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 212
=====

UNK

dam \ /
 \
 212

UNK
Sex: Female
Birth Date: 26 Jul 2009
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 213
=====

UNK

dam \ /
 \
 213

UNK
Sex: Female
Birth Date: 26 Jul 2009
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 214
=====

WILD

dam \ /
 \
 214

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

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 215
=====

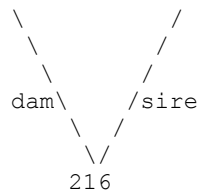
UNK

dam \ /
 \
 215

UNK
Sex: Female
Birth Date: 26 Aug 2009
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 216
=====

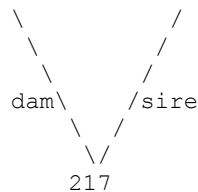
UNK



UNK
Sex: Female
Birth Date: 26 Aug 2009
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 217
=====

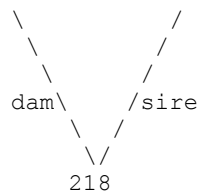
UNK



UNK
Sex: Male
Birth Date: 22 Sep 2009
Last Location: JUNAGADH (dead)
House Name:
Tattoo:
Tag/Band:

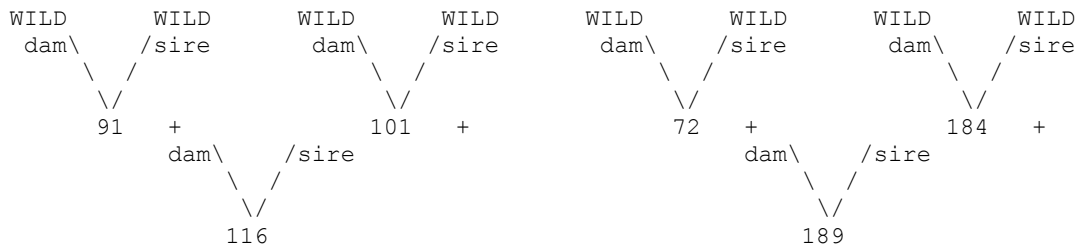
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 218
=====

UNK



UNK
Sex: Female
Birth Date: 22 Sep 2009
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 219
=====



UNK
Sex: Female
Birth Date: 29 Sep 2009
Last Location: PUNE (dead)
House Name:
Tattoo:
Tag/Band:

+ Wild-caught...

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 220
=====

```
WILD WILD WILD WILD WILD WILD WILD WILD
dam\ /sire dam\ /sire dam\ /sire dam\ /sire dam\ /sire dam\ /sire
  \ /      \ /      \ /      \ /      \ /      \ /
   91      +      101      +      72      +      184      +
    \ /      \ /      \ /      \ /      \ /      \ /
     dam\    /sire dam\ /sire dam\ /sire dam\ /sire
        \ /      \ /      \ /      \ /
         116      189
                   Sex: Male
                   Birth Date: 29 Sep 2009
                   Last Location: PUNE (dead)
                   House Name:
                   Tattoo:
                   Tag/Band:
+ Wild-caught...
                   dam\ /sire
                       \ /
                        220
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 221
=====

```
UNK UNK
      \ /      \ /
       dam\    /sire
           \ /
            221
                   Sex: Female
                   Birth Date: 1 Oct 2009
                   Last Location: JUNAGADH
                   House Name:
                   Tattoo:
                   Tag/Band:
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 222
=====

```
WILD WILD
      \ /      \ /
       dam\    /sire
           \ /
            222
                   Sex: Female
                   Birth Date: ~ 2008
                   Last Location: PUNE (dead)
                   House Name:
                   Tattoo:
                   Tag/Band:
```

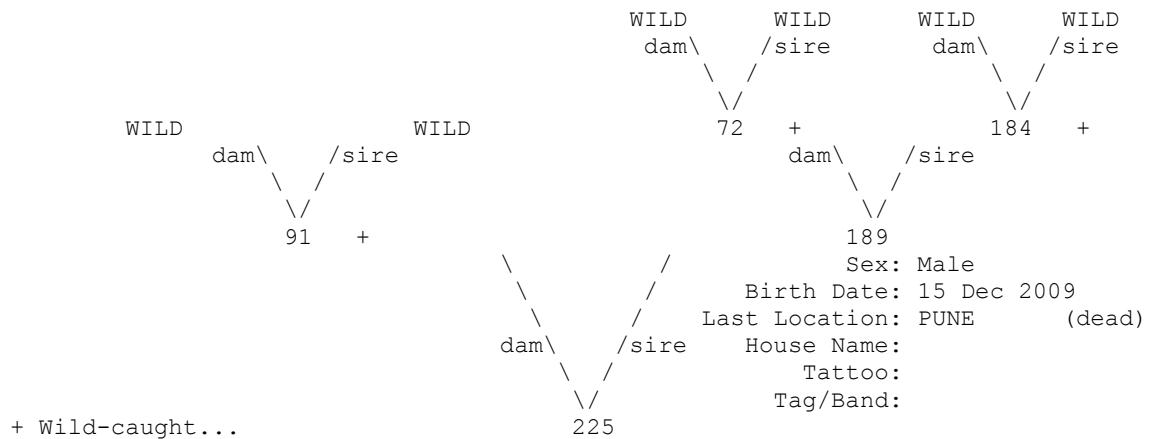
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 223
=====

```
WILD WILD
      \ /      \ /
       dam\    /sire
           \ /
            223
                   Sex: Male
                   Birth Date: ~ Oct 2008
                   Last Location: PUNE (dead)
                   House Name:
                   Tattoo:
                   Tag/Band:
```

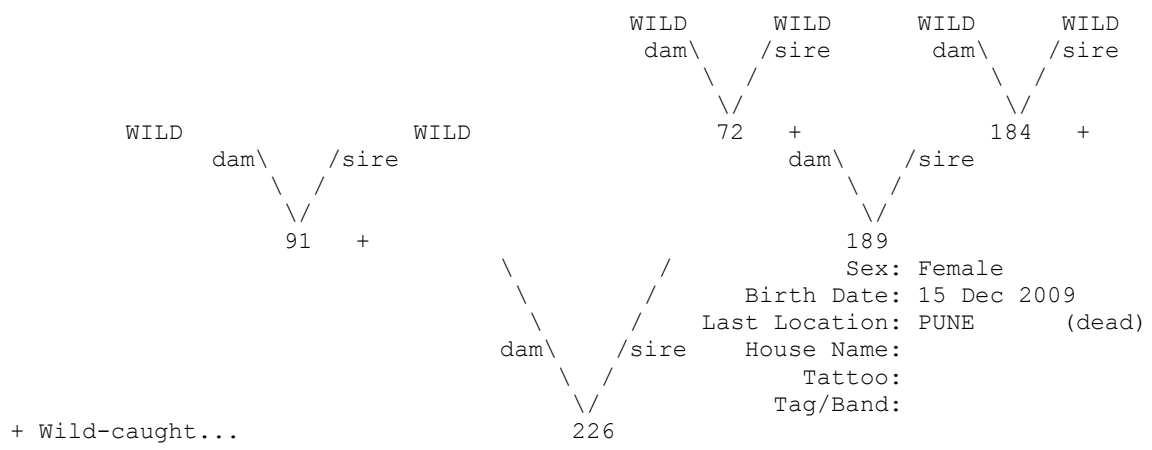
=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 224
=====

```
WILD WILD
      \ /      \ /
       dam\    /sire
           \ /
            224
                   Sex: Female
                   Birth Date: ~ Nov 2008
                   Last Location: PUNE (dead)
                   House Name:
                   Tattoo:
                   Tag/Band:
```

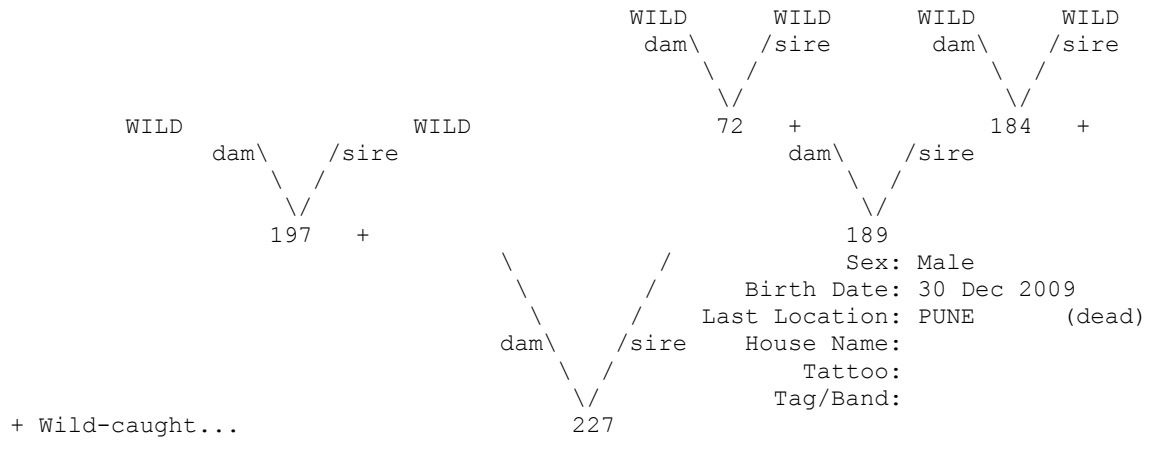
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 225
 =====



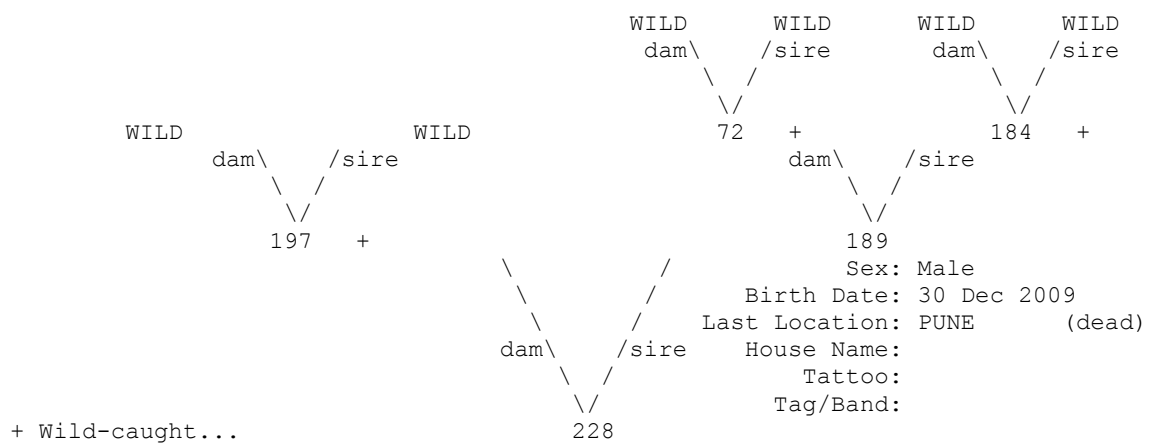
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 226
 =====



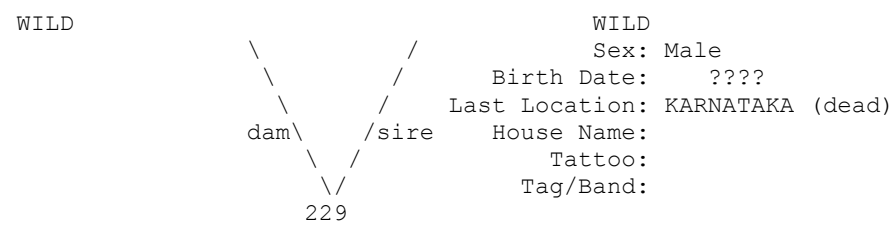
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 227
 =====



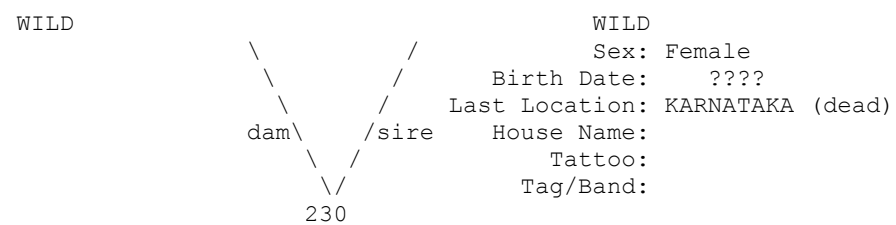
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 228
 =====



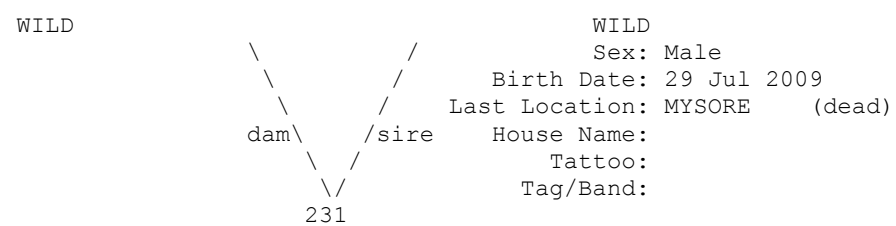
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 229
 =====



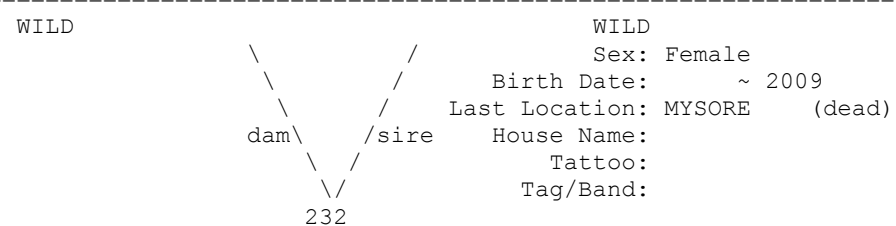
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 230
 =====



=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 231
 =====



=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 232
 =====



=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 243
=====

WILD dam\ /sire WILD WILD dam\ /sire WILD
168 + 167 +
Sex: Male
Birth Date: 26 Sep 2010
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 243

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 244
=====

WILD dam\ /sire WILD WILD dam\ /sire WILD
168 + 167 +
Sex: Female
Birth Date: 26 Sep 2010
Last Location: MYSORE (dead)
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 244

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 245
=====

UNK UNK
Sex: Male
Birth Date: 13 Oct 2010
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:
245

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 246
=====

UNK UNK
Sex: Female
Birth Date: 13 Oct 2010
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:
246

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 247
=====

UNK UNK
Sex: Female
Birth Date: 15 Dec 2010
Last Location: TIRUPATI
House Name: parmita
Tattoo:
Tag/Band:
247

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 248
=====

```
WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire
      \  /      \  /      \  /      \  /
      201 +      202 +
                Sex: Female
                Birth Date: 28 Feb 2011
                Last Location: TELANGANA
                House Name:
                Tattoo:
                Tag/Band:
+ Wild-caught...
                \  /
                dam\ /sire
                \  /
                248
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 249
=====

```
WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire
      \  /      \  /      \  /      \  /
      201 +      202 +
                Sex: Female
                Birth Date: 28 Feb 2011
                Last Location: TELANGANA
                House Name:
                Tattoo:
                Tag/Band:
+ Wild-caught...
                \  /
                dam\ /sire
                \  /
                249
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 250
=====

```
UNK dam\ /sire UNK dam\ /sire UNK dam\ /sire UNK dam\ /sire
      \  /      \  /      \  /      \  /
      250
                Sex: Female
                Birth Date: 16 Sep 2011
                Last Location: VEERMATA (dead)
                House Name:
                Tattoo:
                Tag/Band:
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 251
=====

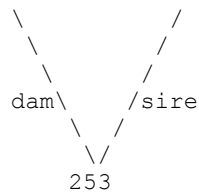
```
UNK dam\ /sire UNK dam\ /sire UNK dam\ /sire UNK dam\ /sire
      \  /      \  /      \  /      \  /
      251
                Sex: Female
                Birth Date: 16 Sep 2011
                Last Location: VEERMATA (dead)
                House Name:
                Tattoo:
                Tag/Band:
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 252
=====

```
UNK dam\ /sire UNK dam\ /sire UNK dam\ /sire UNK dam\ /sire
      \  /      \  /      \  /      \  /
      252
                Sex: Female
                Birth Date: 25 Sep 2011
                Last Location: JUNAGADH
                House Name:
                Tattoo:
                Tag/Band:
```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 253
=====

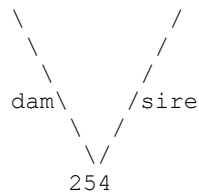
UNK



UNK
Sex: Male
Birth Date: 28 Sep 2011
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 254
=====

UNK



UNK
Sex: Female
Birth Date: 3 Oct 2011
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 255
=====

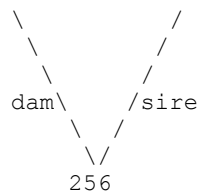
UNK



UNK
Sex: Female
Birth Date: 5 Oct 2011
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 256
=====

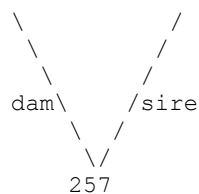
UNK



UNK
Sex: Male
Birth Date: 5 Oct 2011
Last Location: JUNAGADH
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 257
=====

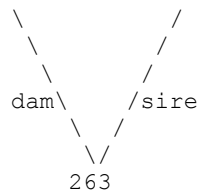
UNK



UNK
Sex: Male
Birth Date: 7 Oct 2011
Last Location: MYSORE (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 263
=====

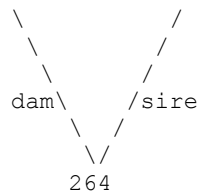
UNK



UNK
Sex: Male
Birth Date: 31 Oct 2011
Last Location: KANPUR
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 264
=====

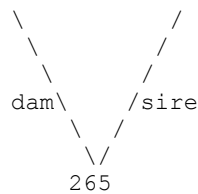
UNK



UNK
Sex: Unknown
Birth Date: 31 Oct 2011
Last Location: KANPUR
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 265
=====

WILD



WILD
Sex: Male
Birth Date: ~ 2011
Last Location: SURAT
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 266
=====

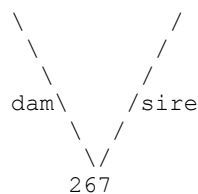
UNK



UNK
Sex: Unknown
Birth Date: 5 Dec 2011
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 267
=====

UNK



UNK
Sex: Male
Birth Date: 5 Dec 2011
Last Location: MYSORE (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 268
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire
235 + 202 +
Sex: Male
Birth Date: 16 Dec 2011
Last Location: TELANGANA
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 268

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 269
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire
235 + 202 +
Sex: Female
Birth Date: 16 Dec 2011
Last Location: TELANGANA
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 269

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 270
=====

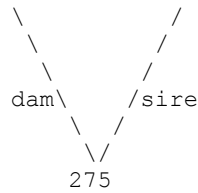
UNK UNK
Sex: Unknown
Birth Date: 24 Dec 2011
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:
270

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 271
=====

UNK UNK
Sex: Male
Birth Date: 30 Dec 2011
Last Location: TIRUPATI
House Name: madesh
Tattoo:
Tag/Band:
271

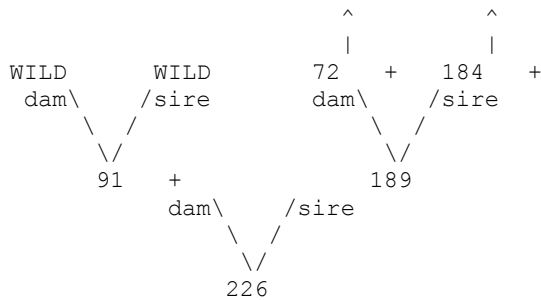
=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 275
 =====

WILD

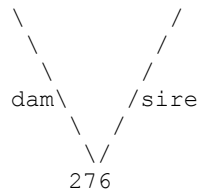


WILD
 Sex: Female
 Birth Date: 16 Feb 2016
 Last Location: NANDANKAN
 House Name:
 Tattoo:
 Tag/Band:

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 276
 =====



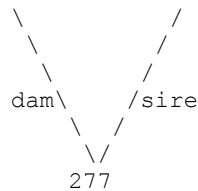
WILD dam\' WILD sire
 91 + 226 + 189 + 184 +
 WILD dam\' WILD sire
 223 +
 Sex: Male
 Birth Date: 6 Feb 2012
 Last Location: PUNE (dead)
 House Name:
 Tattoo:
 Tag/Band:



+ Wild-caught...
 ^ Pedigree continues beyond top of page...

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 277
 =====

UNK



UNK
 Sex: Female
 Birth Date: 17 Feb 2012
 Last Location: TIRUPATI
 House Name: tara
 Tattoo:
 Tag/Band:

=====
 Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 278
 =====

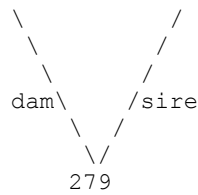
WILD



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

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 279
=====

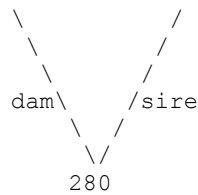
UNK



UNK
Sex: Unknown
Birth Date: 29 Feb 2012
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 280
=====

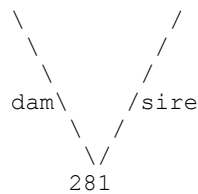
UNK



UNK
Sex: Female
Birth Date: 30 Apr 2012
Last Location: TIRUPATI
House Name: pallavi
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 281
=====

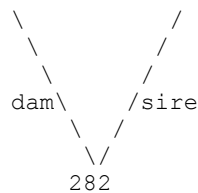
UNK



UNK
Sex: Male
Birth Date: 30 Apr 2012
Last Location: TIRUPATI
House Name: rudra
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 282
=====

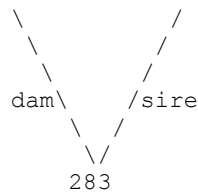
UNK



UNK
Sex: Male
Birth Date: 25 Aug 2012
Last Location: ASSAM
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 283
=====

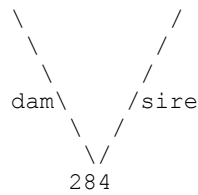
UNK



UNK
Sex: Female
Birth Date: 25 Aug 2012
Last Location: ASSAM
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 284
=====

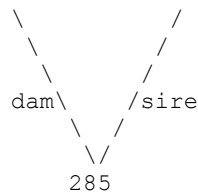
UNK



UNK
Sex: Male
Birth Date: 25 Aug 2012
Last Location: ASSAM
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 285
=====

UNK



UNK
Sex: Female
Birth Date: 25 Aug 2012
Last Location: ASSAM
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 286
=====

UNK



WILD dam\ /sire WILD
167 +
Sex: Male
Birth Date: 3 Sep 2012
Last Location: MYSORE (dead)
House Name:
Tattoo:
Tag/Band:

+ Wild-caught...

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 287
=====

UNK

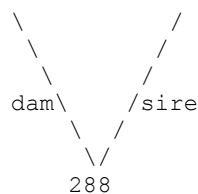


WILD dam\ /sire WILD
167 +
Sex: Unknown
Birth Date: 3 Sep 2012
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

+ Wild-caught...

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 288
=====

WILD



WILD
Sex: Male
Birth Date: ????
Last Location: VISAKAPAT
House Name:
Tattoo:
Tag/Band:

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 289
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: VISAKAPAT
House Name:
Tattoo:
Tag/Band:
dam \      / sire
   \      /
    \    /
     \  /
      \ /
       V
      289

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 290
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: VISAKAPAT
House Name:
Tattoo:
Tag/Band:
dam \      / sire
   \      /
    \    /
     \  /
      \ /
       V
      290

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 291
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: VISAKAPAT
House Name:
Tattoo:
Tag/Band:
dam \      / sire
   \      /
    \    /
     \  /
      \ /
       V
      291

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 292
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 16 Nov 2012
Last Location: KARNATAKA (dead)
House Name:
Tattoo:
Tag/Band:
dam \      / sire
   \      /
    \    /
     \  /
      \ /
       V
      292

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 293
=====
UNK                                                    UNK
                                                    Sex: Unknown
                                                    Birth Date: ~ Dec 2012
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:
dam \      / sire
   \      /
    \    /
     \  /
      \ /
       V
      293

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 294
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ???
Last Location: BELGAUM (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            294

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 295
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date:   ???
Last Location: BELGAUM (dead)
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            295

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 296
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: ~ Mar 2013
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            296

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 297
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date: ~ Mar 2013
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            297

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 298
=====
WILD                                                    WILD
                                                    Sex: Female
                                                    Birth Date: ~ Mar 2012
Last Location: PUNE
House Name:
Tattoo:
Tag/Band:

      \      /
      dam\  /sire
           \  /
            298

```



```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 304
=====
WILD                                                    WILD
                                                    Sex: Male
                                                    Birth Date:   ????
                                                    Last Location: HYDERABAD
                                                    House Name: RAVI
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            304

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 305
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date:   ????
                                                    Last Location: BANNERGHA
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            305

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 306
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date:   ????
                                                    Last Location: BANNERGHA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            306

```

```

=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 307
=====
UNK                                                    UNK
                                                    Sex: Female
                                                    Birth Date:   ????
                                                    Last Location: BANNERGHA (dead)
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            307

```

```

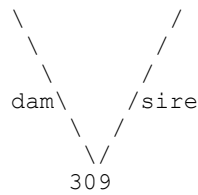
=====
Taxon Name: TETRACERUS QUADRICORNIS                      Studbook Number: 308
=====
UNK                                                    UNK
                                                    Sex: Male
                                                    Birth Date: 12 Nov 2013
                                                    Last Location: BELGAUM
                                                    House Name:
                                                    Tattoo:
                                                    Tag/Band:

      \      /
      dam\  /sire
           \  /
            308

```

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 309
=====

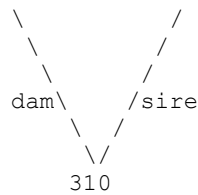
UNK



UNK
Sex: Female
Birth Date: 12 Nov 2013
Last Location: BELGAUM
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 310
=====

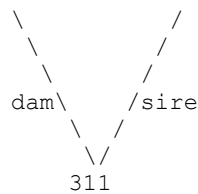
UNK



UNK
Sex: Male
Birth Date: 15 Nov 2015
Last Location: BELGAUM
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 311
=====

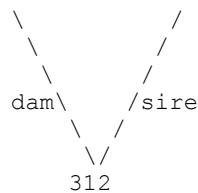
UNK



UNK
Sex: Male
Birth Date: ~ Nov 2013
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 312
=====

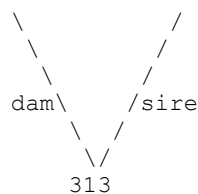
UNK



UNK
Sex: Female
Birth Date: ~ Nov 2013
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 313
=====

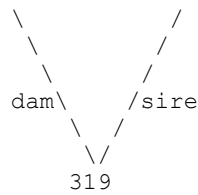
UNK



UNK
Sex: Female
Birth Date: ~ Nov 2013
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 319
=====

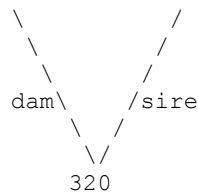
UNK



UNK
Sex: Unknown
Birth Date: ~ Mar 2014
Last Location: NANDANKAN
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 320
=====

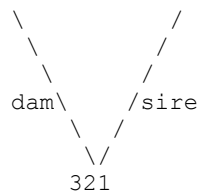
UNK



UNK
Sex: Male
Birth Date: 8 Jun 2014
Last Location: MYSORE (dead)
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 321
=====

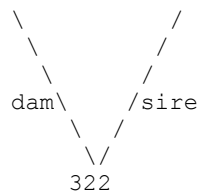
UNK



UNK
Sex: Unknown
Birth Date: 8 Jun 2014
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 322
=====

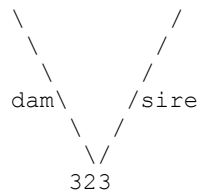
UNK



UNK
Sex: Unknown
Birth Date: 6 Nov 2014
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 323
=====

UNK



UNK
Sex: Unknown
Birth Date: 6 Nov 2014
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 328
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD
298 + 302 +
Sex: Male
Birth Date: 28 Sep 2015
Last Location: PUNE
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 328

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 329
=====

WILD dam\ /sire WILD dam\ /sire WILD dam\ /sire WILD
298 + 302 +
Sex: Female
Birth Date: 28 Sep 2015
Last Location: PUNE
House Name:
Tattoo:
Tag/Band:
+ Wild-caught... 329

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 330
=====

UNK UNK
Sex: Female
Birth Date: 10 Oct 2015
Last Location: BANNERGHA (dead)
House Name:
Tattoo:
Tag/Band:
330

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 331
=====

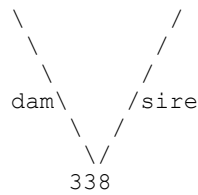
UNK UNK
Sex: Unknown
Birth Date: 10 Oct 2015
Last Location: BANNERGHA (dead)
House Name:
Tattoo:
Tag/Band:
331

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 332
=====

UNK UNK
Sex: Unknown
Birth Date: 19 Oct 2015
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:
332

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 338
=====

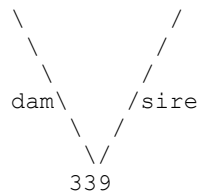
UNK



UNK
Sex: Unknown
Birth Date: 6 Nov 2015
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 339
=====

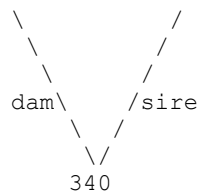
UNK



UNK
Sex: Unknown
Birth Date: 6 Nov 2015
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 340
=====

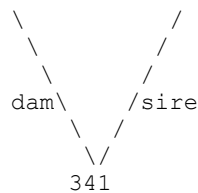
UNK



UNK
Sex: Unknown
Birth Date: 4 Dec 2015
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 341
=====

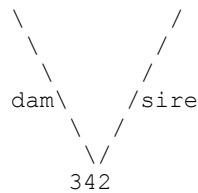
UNK



UNK
Sex: Unknown
Birth Date: 4 Dec 2015
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 342
=====

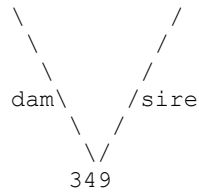
UNK



UNK
Sex: Unknown
Birth Date: 5 Dec 2015
Last Location: MYSORE
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 349
=====

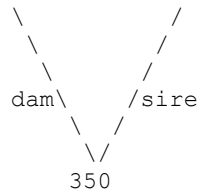
UNK



UNK
Sex: Unknown
Birth Date: 13 Oct 2017
Last Location: HYDERABAD
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 350
=====

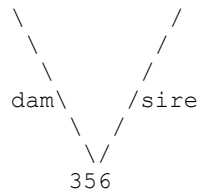
UNK



UNK
Sex: Unknown
Birth Date: 13 Oct 2017
Last Location: HYDERABAD
House Name:
Tattoo:
Tag/Band:

=====
Taxon Name: TETRACERUS QUADRICORNIS Studbook Number: 356
=====

UNK



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

Location Glossary

| Mnemonic | Zoo Name |
|-----------------|---|
| ASSAM | Assam State Zoo, Guwahati |
| BANNERGHA | Bannerghatta National Park, Bangalore |
| BELGAUM | Kittur Rani Cannamma Nisarg Dhama Mini Zoo |
| BILASPUR | Kanan Pandari Zoo, Bilaspur |
| CALCUTTA | Alipore Zool. Garden, Kolkatta |
| CHATBIR Z | M.C. Zoological Park, Chatbir, Mohali |
| DELHI | National Zoological Park, New Delhi |
| GANDHINAG | Indroda Nature Park, Gandhinagar |
| HYDERABAD | Nehru Zoological Park, Hyderabad |
| JUNAGADH | Sakkarbaugh Zoo, Junagadh |
| KANPUR | Kanpur Zoological Park, Kanpur |
| MYSORE | Sri Chamarajendra Zool. Garden, Mysore |
| NANDANKAN | Nandankanan Biological Park, Bhubaneswar |
| PUNE | Rajiv Gandhi Zool. Park & Res. Centre, Pune |
| RAIPUR | Nandanvan Jungle Safari, Raipur |
| SURAT | Dr. Shyamaprasad Mukharjee Zoological Garden, Surat |
| WARANGAL | Vanvigyan Kendra, Warangal |
| TIRUPATI | Sri Venkateswara Zool. Park, Tirupati |
| VEERMATA | Veermata Jijabai Bhosle Udyan, Mumbai |
| VISAKAPAT | Indira Gandhi Zoological Park, Visakapatnam |