

Zoo Authority of Karnataka



GADAG ZOO



ANNUAL REPORT 2020-21





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CONTENTS

| | | |
|-----|--|----|
| 1. | Report of officer-in-charge | 1 |
| 2. | History of the Zoo | 3 |
| 3. | Vision | 4 |
| 4. | Mission | 4 |
| 5. | Objective | 5 |
| 6. | About us | 6 |
| 7. | Organizational Chart | 8 |
| 8. | Human Resources | 9 |
| 9. | Capacity Building of the zoo personnel | 10 |
| 10. | Zoo Advisory Committee | 11 |
| 11. | Health Advisory committee | 12 |
| 12. | Statement of income and expenditure of the Zoo | 12 |
| 13. | Daily feed Schedule of animals | 13 |
| 14. | Vaccination Schedule of animals | 14 |
| 15. | De-worming Schedule of animals | 15 |
| 16. | Disinfection Schedule | 16 |
| 17. | Health Check-up of employees for zoonotic diseases | 18 |
| 18. | Development Works carried out in the zoo during the year | 19 |
| 19. | Education and Awareness programmes during the year | 20 |
| 20. | Important Events and happenings in the zoo | 23 |
| 21. | Seasonal special arrangements for upkeep of animals | 26 |
| 22. | Research Work carried out and publications | 26 |
| 23. | Conservation Breeding Programme of the zoo | 27 |
| 24. | Animal acquisition / transfer /exchange during the year | 27 |
| 25. | Rescue and Rehabilitation of the wild animals carried out by the zoo | 27 |
| 26. | Annual Inventory of animals | 29 |
| 27. | Mortality of animals | 31 |
| 28. | Status of the Compliance with conditions stipulated by the Central Zoo Authority | 32 |
| 29. | List of free living wild animals within the zoo premises | 33 |



01 Report of the Officer-in-charge

Dear all,

Gadag Zoo being the second oldest zoo of Karnataka and the first zoo of the Northern Karnataka is always a place to visit for rural folk of the surrounding districts. Falling under the category of small zoos and faced by various climatic and anthropogenic challenges, Gadag Zoo is establishing itself in the zoos map of India as a place of Ex-situ conservation and education. The approach of the zoo towards the display of the animals, its importance to nature immersion and experiential learning has changed considerably and the small and potential team at the Gadag Zoo is working towards the mandate to put the zoo in the national arena.

Gadag being a drought hit and backward region has a unique potential in conserving and breeding of dry land fauna including Striped Hyenas, Grey Wolves, Jackals and Foxes. The surrounding landscapes also proved the presence of viable breeding populations of Vultures in a preliminary survey conducted by the zoo. This also gives immense opportunity for conservation breeding of these lesser mammals and birds and its release to the wild.

This year, we have invested our time and efforts primarily on making the 16 Ha zoo into a small oasis filled with various landscapes and experiences through floral addition. Emphasis was given on weeding out invasive species, replacing them with transplanted trees and plants transforming its visual appeal to the visitors. Permeant water bodies were created as part of nature immersion and the landscapes were designed to serve purposes of holding birds and animals.

The zoo successfully added Asiatic Lions, Indian Grey Wolves and the Striped Hyenas to its inventory apart from getting the enclosures approved for the reptile park, Grey Wolf and Jackal which will shortly be added to the inventory of the zoo. The zoo is also successful in breeding Jackals and has plans for breeding of the wolves and hyenas also. The master plan and the master layout plans are revised along with the animal collection plan for hosting more than 100 species of animals and is sent to CZA for approval.

The visitors count this year reduced to a tune of few ten thousand compared to the previous years due to a prolonged lockdown due to the spread of COVID-19 on the first



quarter of the year. The zoo bounced back with full precautions and with zero casualties and was opened for visitors. Strict adherence to protocols and regular check ups and monitoring of animals and staff has made the zoo safe for all the stakeholders.

Gadag zoo is receiving traction in social media and in the internet after active management of the social media handles and the website. Online presence and launch of ZAK Mobile App for adoptions and donations has made Gadag Zoo visible to online users.

The zoo invested on certain predominant necessities like Storage Cum Kitchen, Instruments and equipment to the Zoo Hospital, new and improved uniforms, new leopard enclosure and improvement of various small animal enclosures.

As the zoo is not breaking even and has a long way to go towards that, the zoo is channelizing its full efforts in fundraisers and sponsorships. Future of the zoo will be ascertained through efficiency, sustenance and increasing the footfall through inclusive awareness and education.

I thank profusely the Member Secretary, Zoo Authority of Karnataka, for his vision of putting the small and mini zoos in the forefront of conservation of natural resources in the country and his constant support and guidance towards achieving the objective.

I thank Chamarajendra Zoological Garden, Mysuru and the Executive Director and all the staff of Mysuru Zoo for taking care of us as a sister zoo supporting us with resources both in terms of finance, technical assistance and animal exchange. I thank Bannerghatta Biological park, Bengaluru for its technical assistance and support in the upkeep of the zoo. I also thank all the sister zoos of the Zoo Authority of Karnataka for their support in growing together as a family sharing suggestion, resources and technology.

I express my gratitude to all my fellow Gadag Zoo family members for their continued dedicated work with utmost responsibility and ownership. I also express my sincere gratitude on behalf of the Gadag Zoo family to all our esteemed donors, adoptees, visitors and well-wishers for their continued support and motivation.

Surya Sen A. V. IFS
Executive Director Gadag Zoo &
Deputy Conservator of Forests,
Gadag Division, Gadag

02

History of the Zoo

Zoo was established in the year 1972 as Binkadakatti Children Park with the active support of the then Forest Minister Shri K. H. Patil who hailed from Hulkoti village which is located about 5 Kms from the Zoo. The earlier plan for this Zoo was prepared by the Curator of Sri Chamarajendra Zoological Gardens, Mysuru. Since then lot of improvements and developments have taken place in this Zoo.

The Gadag Zoo is carved out of Gadag Protected Forest Sy. No.260 declared vide GO No. AFD.234.FAF.61 dt. 31.7.1968.





03

Vision

We envision a world where wildlife and humans flourish together

04

Mission

We actively work on wildlife conservation, education. We would like our visitors to be inspired by our work while enabling them to experience both active and passive recreational activities.



05

Objectives

1. Providing a natural habitat for all the zoo animals.
2. Supporting the conservation of endangered species.
3. Providing a better care and facilities for orphaned and rescued wild animals.
4. Conducting educational programs to raise awareness about wildlife conservation.
5. To offer an excellent opportunity to the public to connect with nature and wildlife.
6. To provide recreational facilities for visitors.
7. To provide good veterinary care for zoo animals.

| Sl.No | Particulars | Information |
|---------------------------------|--|---|
| Basic Information about the Zoo | | |
| 01 | Name of the Zoo | Gadag Zoo |
| 02 | Year of Establishment | 31-08-1972 |
| 03 | Address of the Zoo | Office of the, Range Forest Officer, Gadag Zoo, Gadag. Pin code - 582103. |
| 04 | State | Karnataka |
| 05 | Telephone Number | M . : 7022949621 |
| 06 | Fax Number | - |
| 07 | E-mail address | dyconservatorgadag@gmail.com zoorfogadag@gmail.com |
| 08 | Website | www.gadagzoo.org |
| 09 | Distance from nearest | Airport : 60 km (Hubli Airport) |
| | | Railway Station: 5 km (Gadag Railway Station) |
| | | Bus Stand: 4 km (Gadag New Bus Stand) |
| 10 | Recognition Valid up to (Date) | 19-08-2021 |
| 11 | Category of Zoo | Small Zoo |
| 12 | Area (in hectares) | 16.21 |
| 13 | Number of Visitors (Financial year) | Adult : 60515 |
| | | Children : 14116 |
| | | Total : 74631 |
| | | Total Visitors : 74631 |
| 14 | Visitors Facilities available in Zoo | Visitors Pathway (Pavement), R.O Drinking Water Unit, High-Tech Toilet, Resting Structures, Gazebos, Children Play Equipments, Electric Buggy, Garden, Water Fountains. |
| 15 | Weekly Closure Day of the Zoo | Tuesday |

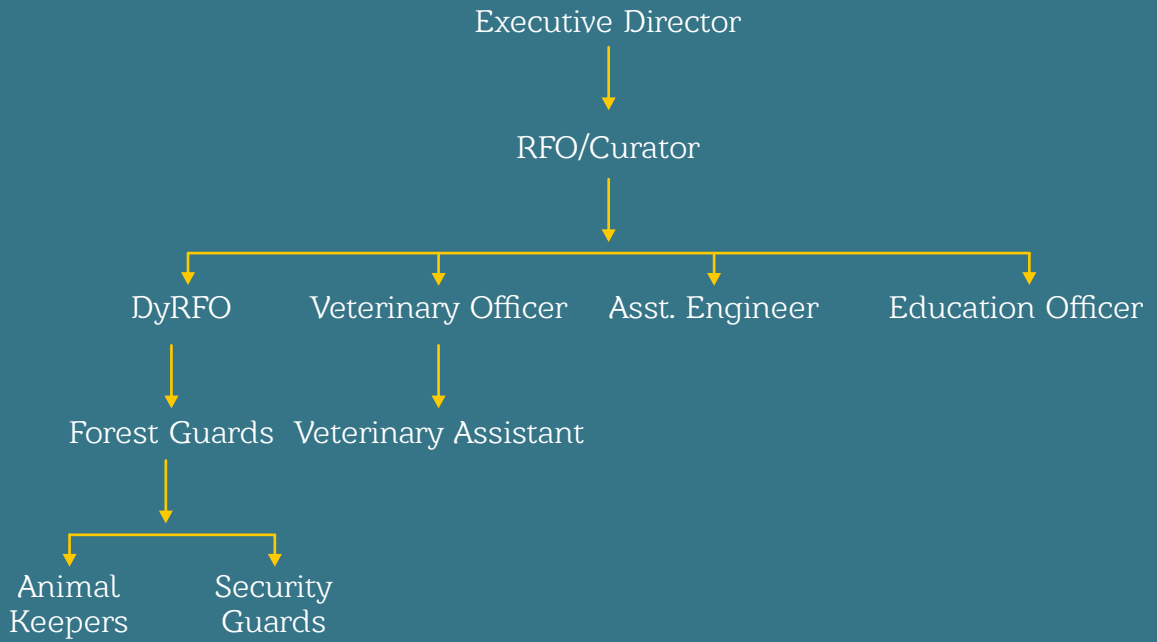
Management Personnel of the Zoo

| Sl.No | Particulars | Information |
|-------|--|--|
| 16 | Name with designation of the Officer in charge | Sri. A V Surya Sen IFS Executive Director Gadag Zoo & Deputy Conservator of Forests, Gadag Division, Gadag. |
| | Name of the Veterinary Officer | Dr. Prakash Jettennavar |
| | Name of the Curator | Ms. Chaitra P Menasinakai |
| | Name of the Biologist | - |
| | Name of the Education Officer | Sri. Nikhil Kulkarni |
| | Name of the Compounder/ Lab Assistant | Sri. Nikhil Kulkarni |
| | Name of the Assistant Engineer | Sri. Praveen Bidari |

Owner/Operator of the Zoo

| Sl.No | Particulars | Information |
|-------|--|---|
| 17. | Name of the operator | Sri. Ravi B. P. IFS Additional Principle Chief Conservator of Forests & Member Secretary, Zoo Authority of Karnataka |
| 18. | Address of the operator | Office of the Member Secretary, Zoo Authority of Karnataka, Chamundi Rescue and Rehabilitation Centre, Hunsur-Shrirangapattana Road, Koorghally, Mysuru. Pin code : 570018 |
| 19. | Contact details/phone number of the operator | 0821-2432881 |
| 20. | E-mail address of the operator | ccfmszak@gmail.com |

Organizational Chart





08

Human Resources

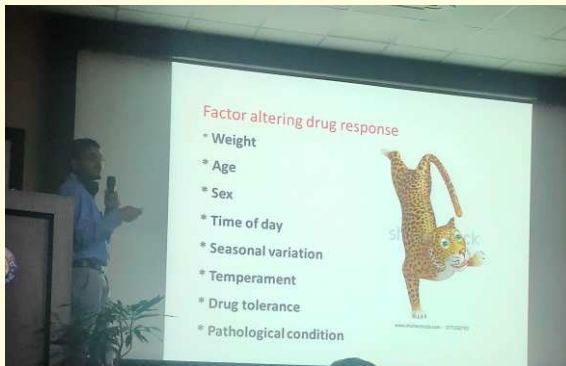
Staff Pattern

(sanctioned posts along with contract basis staff)

| Sl.No | Designation of Posts | Nos |
|-------------------------------|--|-----|
| I Deputed staff | | |
| 01 | Executive Director (Deputy Conservator of Forests) | 1 |
| 02 | Range Forest Officer | 1 |
| 03 | Deputy Range Forest Officer | 1 |
| 04 | Forest Guard | 2 |
| | Total | 5 |
| II ZAK Permanent staff | | |
| 01 | MRE/DRE | 3 |
| | Total | 3 |
| III Other staff | | |
| 01 | Workers engaged through Outsourcing Agency | 14 |
| 02 | Veterinary Officer (Honorary Bases) | 1 |
| 03 | Veterinary Assistant cum Education Officer | 1 |
| 04 | Assistant Engineer | 1 |
| 05 | Cleaner/sweeper | 1 |
| | Total | 18 |
| | Grand Total (I + II +III) (5 + 3 + 18) | 26 |

Capacity Building of the Zoo Personnel

| Sl.No | Name and Designation of the Zoo Personnel | Subject matter of the training | Period of Training | Name of the institution where the training attended |
|-------|---|---|--------------------------------|---|
| 01 | Sri Nikhil Kulkarni, Veterinary Assistant cum Education Officer | "Zoo Sensitization Program for office staff of Zoos of Karnataka" | 22-02-2021 to 23-02-2021 | Sri Chamarajendra Zoological Garden, Mysuru |
| | Smt. Mangala Wali Computer Operator | | | |
| | Sri Shreeshail Annigeri Animal Keeper | | | |
| | Sri Suban Hosamani Animal Keeper | | | |
| 02 | Sri Praveen Bidari Asst. Engineer | "National Zoo Keepers Training on Captive Management of Reptiles" | 15-03-2021 to 17-03-2021 | Indira Gandhi Zoological Park, Vishakhapatnam |
| | Sri Suban Hosamani Animal Keeper | | | |
| 03 | Sri Nikhil Kulkarni Veterinary Assistant cum Education Officer | "Rescue, relief and rehabilitation" | 26/3/2021 | Sri Atal Bihari Vajapayee Zoological Park, Kamalapur Hosapete |



Workshop at Hampi Zoo



Workshop at Mysuru Zoo



Workshop at VIZAG Zoo

10

Zoo Advisory Committee

Zoo works under the Guidance of Member Secretary, Zoo Authority of Karnataka and as per the instructions of Chief Wildlife Warden read with sections of Wildlife Protection Act, 1972.



11

11

Health Advisory Committee

In order to monitor the animal health and veterinary care, Gadag Zoo has constituted a Health Advisory Committee as mandated by the Central Zoo Authority.

| Sl.No | Members of Health Advisory Committee |
|-------|---|
| 01 | Deputy Director, Poly Clinic, Gadag. |
| 02 | Professor, Department of Veterinary Medicine Veterinary College Gadag |
| 03 | Professor, Department of Veterinary Pathology, Veterinary College Gadag. |
| 04 | Chief Veterinary Officer, Poly Clinic Gadag |
| 05 | Executive Director, Gadag Zoo & Deputy Conservator of Forests, Gadag Division, Gadag |
| 06 | Range Forest Officer, Gadag Zoo. |
| 07 | Deputy Range Forest Officer, Gadag Zoo. |
| 08 | Veterinary Assistant, Gadag Zoo. |

(as per this office letter no: A3/ZAK/HAC/2019-20 Dated : 18/10/2019)

12

Statement of Income and Expenditure of the Zoo

Expenditure incurred and Revenue realized during last Five years

| Sl.No | Year | Revenue Collected (Rs.) | Expenditure (Rs.) |
|-------|---------|-------------------------|-------------------|
| 01 | 2016-17 | 13,59,958.00 | 81,42,000.00 |
| 02 | 2017-18 | 17,00,000.00 | 1,54,00,000.00 |
| 03 | 2018-19 | 32,13,100.00 | 2,60,41,700.00 |
| 04 | 2019-20 | 36,99,309.00 | 1,95,26,842.00 |
| 05 | 2020-21 | 37,52,455.00 | 3,20,31,000.00 |

| Sl.No | Species | Feed item | Season | | Day of fasting |
|-------|------------|---|-----------------|--------|----------------------------------|
| | | | Winter | Summer | |
| 01 | Herbivore | Grass, Hay Concentrates | | | No Fasting, Fed Twice Daily |
| 02 | Carnivores | Beef and Chicken | | | Fed Once in day, Tuesday Fasting |
| 03 | Birds | Vegetables, Fruits, Grains, Fishes, Beef, Worms | Seasonal Fruits | | No Fasting, Fed Twice Daily |
| 04 | Crocodiles | Beef | | | Once in 10 days |
| 05 | Snakes | Live Fowls | | | Once in 15 days |



14

Vaccination Schedule of Animals

| Sl.No | Species | Vaccine | Periodicity |
|-------|--|-----------------------------|-------------|
| 01 | Felines : Tigers, Lions, Leopards | Feline Vaccine (Feligen) | Annually |
| | | Anti-Rabies Vaccine | Annually |
| 02 | Hyenas | DHPPI + L | Annually |
| | | Anti-Rabies Vaccine | Annually |
| 03 | Canines: Indian Grey Wolf Jackal | DHPPI + L | Annually |
| | | Anti-Rabies Vaccine | Annually |



De-worming Schedule of Animals

| Sl.No | Species | Drug used | Periodicity |
|-------|---|--|-------------|
| 01 | Felines : Tigers Lion Leopards | Fenbendazole and Ivermectin | Quarterly |
| 02 | Canines : Jackals | Fenbendazole and Ivermectin | Quarterly |
| 03 | Herbivores : Spotted Deer Sambar Deer Black Buck Nilgai | Fenbendazole, Livamizole, Oxyclosanide and Ivermectin | Quarterly |
| 04 | Birds (All Birds) | Fenbendazole, Piperzine | Quarterly |
| 05 | Reptiles | Fenbendazole and Piperzine | Quarterly |
| 06 | Sloth Bears | Fenbendazole, Ivermectin | Quarterly |



De-worming
of
animals

Disinfection Schedule

| Sl.No | Enclosure | Type of enclosure | Disinfectant used and method | Type of disinfectant | Frequency of disinfection |
|-------|---|--|----------------------------------|---|---------------------------|
| 01 | Felines: Tiger, Lion, Leopard | Open enclosure + Closed holding house | ViraCid-S Method: Spraying | Antibacterial, Antiviral & Antifungal | Quarterly |
| | | | Microlyse Method:Mop | Antibacterial | Daily |
| 02 | Sloth Bear | Open enclosure + Closed holding house | ViraCid-S Method: Spraying | Antibacterial, Antiviral & Antifungal | Quarterly |
| | | | Microlyse Method:Mop | Antibacterial | Daily |
| 03 | Hyena | Open enclosure + Closed holding house | ViraCid-S Method: Spraying | Antibacterial, Antiviral | Quarterly |
| | | | Microlyse Method:Mop | Antibacterial | Daily |
| 04 | Wolf | Open enclosure + Closed holding house | ViraCid-S Method: Spraying | Antibacterial, Antiviral | Quarterly |
| | | | Microlyse Method:Mop | Antibacterial | Daily |
| 05 | Jackal | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |
| 06 | Herbivorous: Black Buck Sambar Deer Nilgai Spotted Deer | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |

| | | | | | |
|----|--|----------------|----------------------------|---------------------------|-----------|
| 07 | Walk through Aviary (:Night Heron, Rosy Pelican, Red Jungle Fowl, Peafowl, Rose Ringed parakeet, Black Swan, Pheasantry (Golden Pheasant, Silver pheasant, Yellow golden pheasant, Lady Amherest's pheasant), Small Bird aviary (Java sparrow, Peach faced love bird, Budgerigar, Cockatiel, Finches), Brahminy Kite, Black Kite. ted Deer | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |
| 08 | Emu | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |
| 09 | Ostrich | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |
| 10 | Red Eared Slider, Flap shelled turtle, Graylag Goose | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |
| 11 | Crocodile Marsh, | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |
| 12 | Indian Rock Python | Open enclosure | ViraCid-S Method: Spraying | Antibacterial & Antiviral | Quarterly |



Disinfection of Enclosures

17

Health Check-up of Employees for Zoonotic Diseases

| SL.No | Tests | Samples collected |
|-------|-------------------------|---------------------------------------|
| 01 | Tuberculosis | (a) Sputum sample |
| 02 | COVID-19 | (a) Oral & Nasal Swabs |
| | Tests | Parameters checked |
| 01 | General Tests | (a) Blood Pressure (b) Blood Sugar |
| | Prophylaxis | |
| 01 | Anti Rabies Vaccination | |



Sample collection for COVID test & Blood sugar level test



Rabies Vaccination Camp of Zoo Employees

18

Development Works carried out in the Zoo during the year



New Leopard Enclosure



New Lion Enclosure



New Store Room cum Kitchen

19

Education and Awareness Programme during the year



As part of 66th Wildlife Week 'Treasure Hunt' Competition was Conducted @ Gadag Zoo



As part of 66th Wildlife Week 'Pedal for Wild'- A 15km & 140km Cycle Jatha was conducted



Awareness programs for school and college students : In reach programs





22-03-2021 - On the occasion of 'World Sparrow Day' an out-reach program was conducted at K.H.Patil, Girls High school, Hulkoti. This session included a talk on 'importance of sparrow conservation' & documentary show. Sparrow nests were distributed to the school children



Interaction with visitors regarding importance of zoos & wildlife conservation



20 Important Events and happenings in the zoo

Celebration of Environment Conservation Day on 25th Nov 2020



As part of 'National Integration Week' – 'Environment Conservation Day' was celebrated on 25th Nov 2020 at Gadag Zoo by involving the forest dept. staff and judicial staff of Gadag district.

Celebration of 'World Wildlife Day' on 03rd March 2021





As part of World Wildlife Day, a drawing competition was conducted for primary school children

Inauguration of new Striped Hyena Enclosure



On 05 June 2020, New Hyena Enclosure was inaugurated by D.C. Gadag, S.P. Gadag and CEO of ZP

Celebration of Kappata Utsava- on 24th Jan 2021





Kappata Utsava was celebrated at Dr. Ambedkar Bhavana, Gadag on 24th Jan 2021. The program was inaugurated by Sri. C C Patil, honorable minister for Small Scale Industries, information and Public Relations, Govt. of Karnataka. The book 'Kappathagudda : A Repertoire of Medicinal plants of Gadag' (Which is compiled by Sri. Yashpal Kshirsagar IFS, DCF Dharwad Division & Smt. Sonal Vrishni IFS, Joint Director KFA Gungaragatti) was launched at this program.

21

Seasonal special arrangements for upkeep of animals



Feeding enrichment for sloth bear



Shelter at Lion Enclosure



Sprinklers

22

Research Work carried out and publications

The zoo has invested its time in identifying the areas of interest for the future researches and has had discussions with the Dean, College of Veterinary Sciences, Gadag to actively involve its post graduate and doctoral students to take up wild animal researches. The zoo has also invested its time in identifying and do a baseline study about the vulture population in the Gajendragad Taluk of Gadag District. We have also zeroed in at reintroduction of blackbucks and wolves into the wild and the research will be carried out in the coming financial year. Soft Release of Nilgais, Jackals, Hyenas & Peafowls in the wild is also being discussed and Standard Operating Procedure is prepared in this regard.

23

Conservation Breeding Programme of the Zoo

The zoo, as of now have not concentrated on conservation breeding of any animal in specific and decision was taken after various levels of discussions and deliberations to start conservation breeding programme on Grey Wolves, Striped Hyenas, Jackals and Vultures as a beginning. The zoo is in the process of getting its research, rescue and rehabilitation center for breeding and conservation of Grey Wolves, Vultures, Jackals and Hyenas in a separate facility which will soon be identified. The zoo already has a breeding population of Jackals. Breeding population of Striped Hyena is added to the zoo through animal exchange.

24

Animal acquisition / Transfer Exchange during the year

Animal acquisition details for the year 2020-21

| Sl. No | Class | Species | Scientific Name | M | F | U | T | Date of acquisition | From where acquired |
|--------|--------|------------------|---------------------|---|---|---|---|---------------------|---|
| 01 | Mammal | Striped Hyena | <i>Hyena hyena</i> | 1 | 1 | 0 | 2 | 27-05-2020 | Mysuru Zoo |
| 02 | Mammal | Indian Grey Wolf | <i>Canis lupus</i> | 1 | 1 | 0 | 2 | 09-08-2020 | Mysuru Zoo |
| 03 | Mammal | Striped Hyena | <i>Hyena hyena</i> | 2 | 0 | 0 | 2 | 13-02-2021 | Mysuru Zoo |
| 04 | Mammal | Lion | <i>Panthera leo</i> | 2 | 0 | 0 | 2 | 19-03-2021 | Bangaluru Bannerghatta Biological Park. |

25

Rescue and Rehabilitation of the wild animals carried out

On 29th October 2020 a female sloth bear was stuck in a snare at Hanagal Range of Haveri Division. That bear was sedated using Xylazine and Ketamine. There were no wounds and injuries on the animal's body and that was fit to release in the wild. As per the instructions of DCF Haveri, on the same day itself the bear was released into forest area of Hanagal Range. The whole rescue operation supervised by Dr. Girish Radder, Assistant Director VS, Hanagal and Dr. Santosh Veterinary Officer Hanagal.



Preparation of Dart Syringe



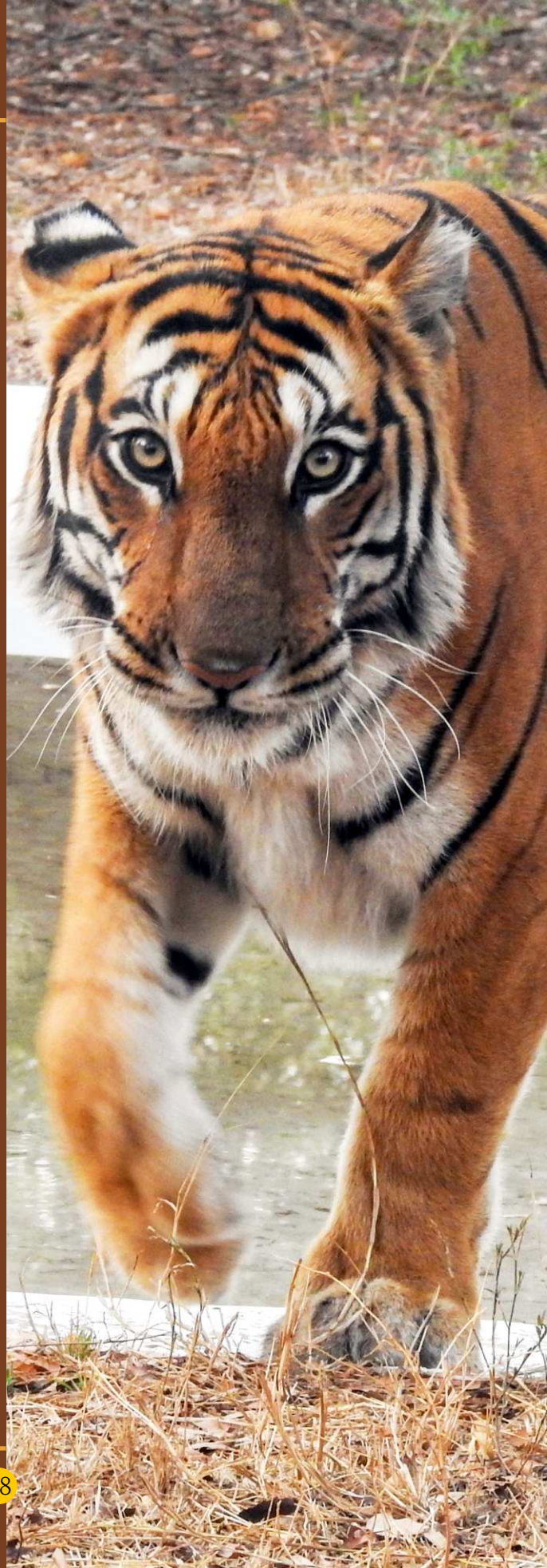
Sedated bear



Gudagudi
ಗುಡಗುಡಿ



Area selected for sloth bear release



**CONSOLIDATED REPORT OF SCHEDULED AND OTHER SPECIES
INVENTORY REPORT FOR THE YEAR- 2020-21 AT GADAG ZOO**

| Sl. No | Class | Species | Scientific Name | Opening stock of the year 2020-21 (As on 01-04-2020) | | | | During the Year 2020-21 | | | | | | | | | | | | Closing stock of the year 2020-21 (As on 31-03-2021) | | | |
|--|---------|--------------------------|--|---|-----------|-----------|------------|-------------------------|---|----------|-------------|----------|---|----------|---|---|----------|----------|-----------|---|-----------|------------|---|
| | | | | M | F | U | T | Birth | | | Acquisition | | | Disposal | | | Death | | | M | F | U | T |
| Schedule : I & II | | | | M | F | U | T | M | F | U | M | F | U | M | F | U | M | F | U | M | F | U | T |
| 01 | Bird | Peafowl | <i>Pavo cristatus</i> | 1 | 1 | 0 | 2 | | | | | | | | | | | | 1 | 1 | 0 | 2 | |
| 02 | Bird | Peafowl White | <i>Pavo cristatus</i> | 1 | 0 | 0 | 1 | | | | | | | | | | | | 1 | 0 | 0 | 1 | |
| 03 | Bird | Brahminy Kite | <i>Haliastur indus</i> | 0 | 0 | 1 | 1 | | | | | | | | | | | | 0 | 0 | 1 | 1 | |
| 04 | Bird | Black kite | <i>Milvus migrans</i> | 2 | 2 | 0 | 4 | | | | | | | | | | | | 2 | 2 | 0 | 4 | |
| 05 | Mammal | Sloth Bear | <i>Melursus ursinus</i> | 1 | 1 | 0 | 2 | | | | | | | | | | | | 1 | 1 | 0 | 2 | |
| 06 | Mammal | Black Buck | <i>Antelope cervicapra</i> | 32 | 15 | 9 | 56 | | | | | | | | | | 1 | | 31 | 15 | 9 | 55 | |
| 07 | Mammal | Jackal | <i>Canis aureus</i> | 4 | 1 | 2 | 7 | | | 4 | | | | | | | | | 4 | 5 | 0 | 9 | |
| 08 | Mammal | Indian Grey Wolf | <i>Canis lupus</i> | 0 | 0 | 0 | 0 | | | | 1 | 1 | | | | | | | 1 | 1 | 0 | 2 | |
| 09 | Mammal | Lion | <i>Panthera leo</i> | 0 | 0 | 0 | 0 | | | | 2 | | | | | | | | 2 | 0 | 0 | 2 | |
| 10 | Mammal | Leopard | <i>Panthera pardus</i> | 4 | 2 | 0 | 6 | | | | | | | | | | | | 4 | 2 | 0 | 6 | |
| 11 | Mammal | Royal Bengal Tiger | <i>Panthera tigris</i> | 1 | 1 | 0 | 2 | | | | | | | | | | | | 1 | 1 | 0 | 2 | |
| 12 | Mammal | Common Palm Civet | <i>Paradoxururus hermaphroditus</i> | 0 | 0 | 1 | 1 | | | | | | | | | | | | 0 | 0 | 1 | 1 | |
| 13 | Mammal | Chinkara | <i>Gazella gazella bennetti</i> | 1 | 0 | 0 | 1 | | | | | | | | | | 1 | | 0 | 0 | 0 | 0 | |
| 14 | Reptile | Marsh Crocodile | <i>Crocodylus palustis</i> | 0 | 2 | 2 | 4 | | | | | | | | | | | 1 | 0 | 1 | 2 | 3 | |
| 15 | Reptile | Indian Rock Python | <i>Python molurus</i> | 0 | 3 | 0 | 3 | | | | | | | | | | | | 0 | 3 | 0 | 3 | |
| 16 | Reptile | Indian flap shell turtle | <i>Lissemys punctata</i> | 4 | 2 | 2 | 8 | | | | | | | | | | | | 4 | 2 | 2 | 8 | |
| Species (Schedule-III & IV) | | | Total of Endangered Species | 51 | 30 | 17 | 98 | | | 4 | 3 | 1 | | | | | 2 | 3 | 52 | 34 | 15 | 101 | |
| 17 | Bird | Red Jungle Fowl | <i>Gallus gallus</i> | 5 | 7 | 0 | 12 | | | | | | | | | | | | 5 | 7 | 0 | 12 | |
| 18 | Bird | Greylag Goose | <i>Anser anser</i> | 1 | 1 | 0 | 2 | | | | | | | | | | | | 1 | 1 | 0 | 2 | |
| 19 | Bird | Rosy Pelican | <i>Pelecanus onocrotalus</i> | 1 | 1 | 0 | 2 | | | | | | | | | | | | 1 | 1 | 0 | 2 | |
| 20 | Bird | Night heron | <i>Nycticorax nycticorax</i> | 10 | 19 | 3 | 32 | | | | | | | | | | | | 10 | 19 | 3 | 32 | |
| 21 | Mammal | Sambar Deer | <i>Rusa unicolor</i> | 6 | 9 | 1 | 16 | | | | | | | | | | | | 6 | 9 | 1 | 16 | |
| 22 | Mammal | Spotted Deer | <i>Axis axis</i> | 17 | 31 | 4 | 52 | | | | | | | | | | | | 17 | 31 | 4 | 52 | |
| 23 | Mammal | Nilgai | <i>Boselaphus tragocamelus</i> | 4 | 17 | 0 | 21 | | | | | | | | | | | | 4 | 17 | 0 | 21 | |
| 24 | Mammal | Striped Hyena | <i>Hyena hyena</i> | 0 | 0 | 0 | 0 | | | | 3 | 1 | | | | | | 1 | 2 | 1 | 0 | 3 | |
| Exotic Species | | | Total of Species (Sch III & IV) | 44 | 85 | 8 | 137 | | | | 3 | 1 | | | | | | 1 | 46 | 86 | 8 | 140 | |
| 25 | Bird | Emu | <i>Dromaius novaehollandiae</i> | 3 | 3 | 0 | 6 | | | | | | | | | | | | 3 | 3 | 0 | 6 | |
| 26 | Bird | Budgerigar | <i>Melopsittacus undulatus</i> | 11 | 11 | 30 | 52 | | | | | | | | | | | | 11 | 11 | 30 | 52 | |
| 27 | Bird | Golden Pheasant | <i>Chrysolophus pictus</i> | 1 | 2 | 0 | 3 | | | | | | | | | | | 1 | 0 | 2 | 0 | 2 | |

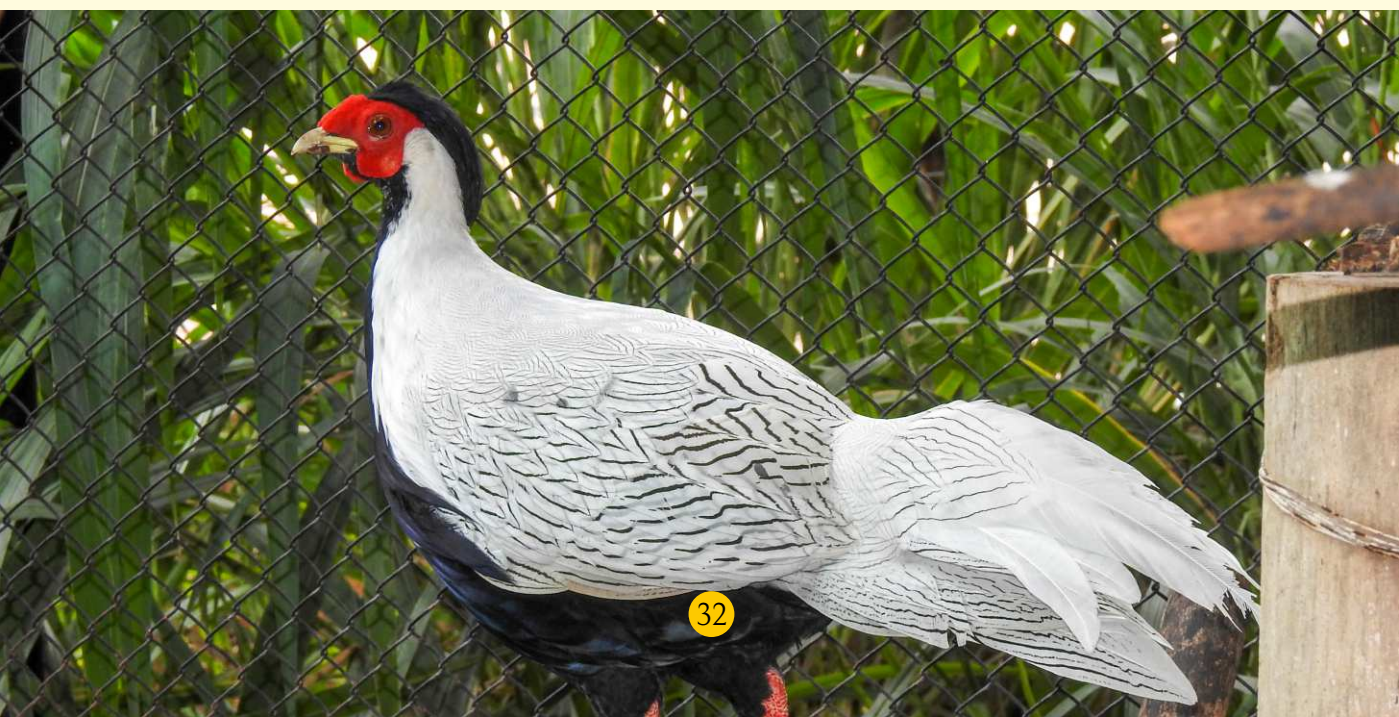
Death Report (Mortality) for the year 2020-21

| Sl. No | Animal Name (With individual Identification Mark, if any) | Scientific Name | Sex | Date of Death | Cause of Death |
|--------|--|---------------------------------|--------|---------------|---|
| 01 | Scarlet Ibis | <i>Educimus ruber</i> | Male | 05-04-2020 | Tentative diagnosis: Pneumonia Lab diagnosis : 1) Samples negative for toxicological analysis. 2) E.Coli and Proteus species observed on cultural examination. |
| 02 | Ostrich | <i>Struthio camelus</i> | Female | 29-04-2020 | Tentative diagnosis: Hepatitis |
| 03 | Marsh Crocodile | <i>Crocodylus palustis</i> | Female | 05-05-2020 | Tentative diagnosis: Pneumonia |
| 04 | Golden Pheasant | <i>Chrysolophus pictus</i> | Male | 06-05-2020 | Tentative diagnosis: Syncope due to infighting injuries |
| 05 | Chinkara | <i>Gazella gazelle bennetti</i> | Male | 06-06-2020 | Tentative diagnosis: Cardiac shock & syncope |
| 06 | Black swan | <i>Cygnus atratus</i> | Male | 06-06-2020 | Tentative diagnosis: Acute pneumonia & Hepatitis Lab diagnosis: Tissues were found negative for Avian Influenza Virus by Lateral flow essay test |
| 07 | Black Buck | <i>Antilope cervicapra</i> | Male | 16-08-2020 | Tentative diagnosis Cardiac shock and toxemia caused by compound fracture of tibia left hind leg. |
| 08 | Striped Hyena | <i>Hyena hyena</i> | Male | 30-08-2020 | Tentative diagnosis: Neurological shock Lab diagnosis: 1) Brain sample found negative for Rabies by dFA test. 2) Growth of Staphylococcus species was observed in Heart and spleen samples. |
| 09 | Jackal | <i>Canis aurius</i> | Female | 24-11-2020 | Tentative diagnosis: Acute hepatitis |

| | | | | | |
|----|--------|---------------------|--------|------------|--|
| 10 | Jackal | <i>Canis aurius</i> | Female | 27-11-2020 | Tentative diagnosis: Hepatitis & Gastritis Lab diagnosis: 1) Samples were found negative for Canine Distemper Virus by PCR test. 2) Culture / Isolation: Growth of Gram negative Bacilli Suggestive of <i>Klebsilla pneumonia</i> was observed. 3) Histological diagnosis: Acute pulmonary edema leading to anoxia/ respiratory failure |
|----|--------|---------------------|--------|------------|--|

28 Status of the Compliance with conditions stipulated by the Central Zoo Authority

| Sl. No | Details | Reference | Compliance submitted to | Date of compliance |
|--------|---|--|-------------------------|--------------------|
| 01 | Jackal Enclosure Design Wolf Enclosure Design Reptile Park Design | Letter No. A3/ZAK/ enclosure/designs/ 2020-21 dated : 29-12-2020 from the ED, Gadag Zoo to the CZA | CZA | 29-12-2020 |
| 02 | Amendment of Master (Layout) Plant | Letter No. A3/ZAK/Master layout plan/2020-21 dated : 24-09-2020 | CZA | 24-09-2020 |



List of free living wild animals within the zoo premises

A) Birds

| | | | |
|----|-----------------------------------|----|---------------------------|
| 01 | Asian Koel | 21 | Indian silverbill |
| 02 | Asian paradise flycatcher | 22 | Jungle babbler |
| 03 | Barn owl | 23 | Jungle crow |
| 04 | Black rumped flameback woodpecker | 24 | Jungle myna |
| 05 | Black Drongo | 25 | Jungle sparrow |
| 06 | Common iora | 26 | Laughing dove |
| 07 | Common myna | 27 | Oriental magpie robin |
| 08 | Cattle egret | 28 | Pied wagtail |
| 09 | Common sandpiper | 29 | Pied bush chat |
| 10 | Common tailor bird | 30 | Purple rumped sunbird |
| 11 | Crested serpent eagle | 31 | Scaly breasted munia |
| 12 | Eurasian collared dove | 32 | Red avadavat |
| 13 | Eurasian golden oriole | 33 | Rose ringed parakeet |
| 14 | Greater coucal | 34 | Red vented bulbul |
| 15 | Great tit | 35 | Red wattled lapwing |
| 16 | Small green bee eater | 36 | Tawny bellied babbler |
| 17 | Grey wagtail | 37 | Tricolored munia |
| 18 | Indian grey hornbill | 38 | White browed wagtail |
| 19 | Indian hoopae | 39 | White rumped munia |
| 20 | Indian peafowl | 40 | White throated kingfisher |

B) Reptiles

- Rat snake
- Garden lizard
- Common wolf snake
- Yellow collared wolf snake
- Trinket
- Checkered keelback

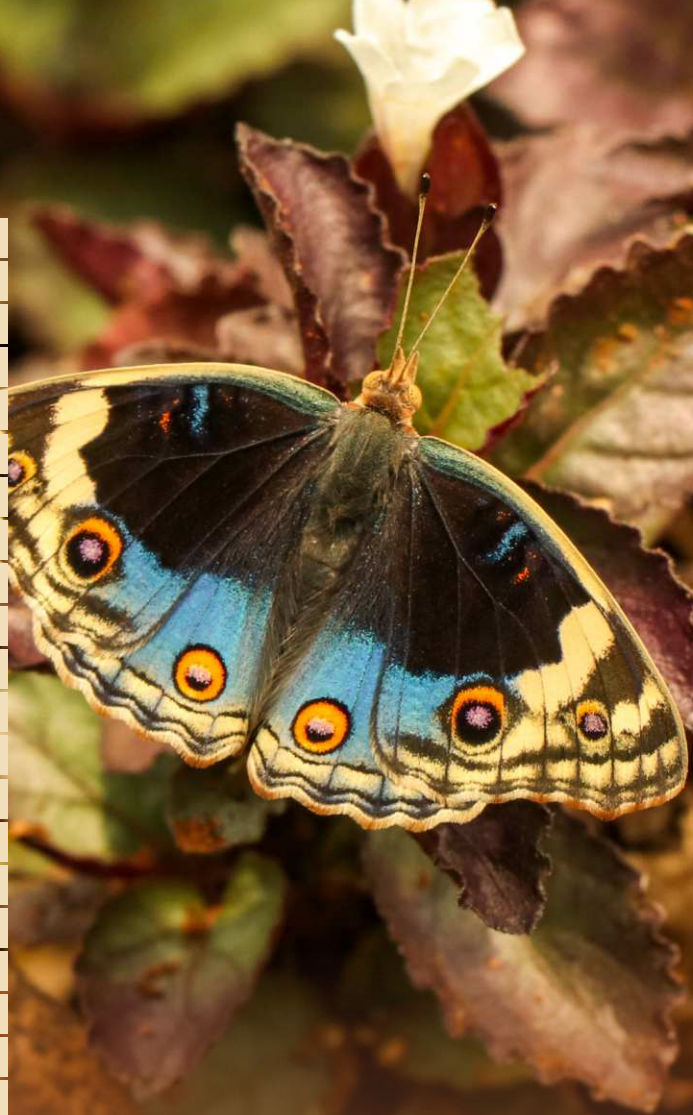
C) Mammals

- Hare
- Langur
- Mongoose



D) Butterflies

| | |
|----|-----------------------|
| 01 | Blue tiger |
| 02 | Blue pansy |
| 03 | Chocolate pansy |
| 04 | Common crow |
| 05 | Common evening brown |
| 06 | Common emigrant |
| 07 | Common grass yellow |
| 08 | Common lime |
| 09 | Common Mormon |
| 10 | Common rose |
| 11 | Common/Plain tiger |
| 12 | Common white tiger |
| 13 | Crimson rose |
| 14 | Crimson tip |
| 15 | Dark bush brown |
| 16 | Glassy blue tiger |
| 17 | Lemon pansy |
| 18 | Mottled emigrant |
| 19 | Indian pioneer white |
| 20 | Orange tip |
| 21 | Oriental great eggfly |
| 22 | Striped tiger |
| 23 | Tailed green jay |



Visitation from last five years

| Year | VISITORS (Apr 1st to 31st March) | | |
|---------|----------------------------------|----------|----------|
| | ADULTS | CHILDREN | TOTAL |
| 2016-17 | 53,715 | 14,023 | 67,738 |
| 2017-18 | 64,910 | 18,500 | 83,410 |
| 2018-19 | 87,279 | 24,568 | 1,11,847 |
| 2019-20 | 72,947 | 25,703 | 98,650 |
| 2020-21 | 60,515 | 14,116 | 74,631 |

Visitor Facilities



Low Rope Course



Dining Structure



Viewing Structure



Hightech Toilet



Sitting Benches



Wheel Chair



Battery Vehicle



Children play equipments




Garden



RO Drinking Water Plant

Indian Grey Wolf ಛಾಯಾಚಿತ್ರ ಬೋರ್ಡ್ (Canis lupus pallasius)



ಆವಾಸಭಾಗ: ಮಧ್ಯ ಭಾರತ, ಪರ್ಷಿಯನ್, ಪಶ್ಚಿಮ ಉತ್ತರ-ಪಶ್ಚಿಮ ಉಪಖಂಡಗಳು.
ಪ್ರಕೃತಿಯಲ್ಲಿ ಆವಾಸ: ಪರ್ಣಿಗ, ಹುಲ್ಲುಗಾವಲು, ಹಿರಿಯರ ಇತ್ಯಾದಿ.
ಪೋಷಣೆಯಲ್ಲಿ ಆವಾಸ: ಬೇಟೆ ಪ್ರಾಣಿ ಮತ್ತು ಕೀಟಗಳನ್ನು.
ಜೀವನ ಕಾಲ: 12-15 ವರ್ಷಗಳು.
ತೂಕ: 18-25 ಕೆ.ಜಿ.
ಉದ್ದ: 62-66 ಸೆಂಟಿಮೀಟರ್.

ಲಕ್ಷಣಗಳು:

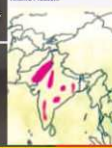
- ಇವು ಸುಮಾರು 40 ಸಿಸ್ಟಮ್‌ಗಳನ್ನು ಹೊಂದಿವೆ, ಜೊತೆಗೆ ಉದ್ದವಾದ ಹಾಗೂ ಹದುವಾದ ಇವುಗಳನ್ನು ಸುಮಾರು 10 ಸಿಸ್ಟಮ್‌ಗಳನ್ನು ಹೊಂದಿವೆ.
- ವಿಶೇಷವಾಗಿ ಹೊಂದಿರುವ ಪ್ರತಿರೋಧಕ ಶಕ್ತಿಗಳನ್ನು ಹೊಂದಿವೆ, ಇವುಗಳನ್ನು, ಇವುಗಳನ್ನು ಹಾಗೂ ಮನುಷ್ಯರ ಹೊಂದಿವೆ.

Habitat: Thorn forests, scrub-lands, arid and semi-arid grassland.
Natural diet: Deers, antelopes, hares etc.
Zoo diet: Beef & chicken. **Life Span:** 12-15 years.
Gestation period: 62-65 days **Weight:** 18-25 Kg.

Features:


- They are light brown in color and easy to recognise with large skull and tooth
- During tough times: They will consume domesticated animals, including humans, children's too.

Distribution: Gujarat, Rajasthan, Haryana, Uttar Pradesh, Madhya Pradesh, Maharashtra, Karnataka, Kerala and Andhra Pradesh.



Least Concern Near threatened Vulnerable Endangered Critically Endangered Extinct

Indian Leopard ಛಾಯಾಚಿತ್ರ ಬೋರ್ಡ್ (Panthera pardus fusca)



ಆವಾಸಭಾಗ: ಪರ್ಷಿಯನ್, ಪರ್ಷಿಯನ್, ಪರ್ಷಿಯನ್ ಮತ್ತು ಪಶ್ಚಿಮ ಉತ್ತರ-ಪಶ್ಚಿಮ ಉಪಖಂಡಗಳು.
ಪ್ರಕೃತಿಯಲ್ಲಿ ಆವಾಸ: ಪರ್ಣಿಗ, ಹುಲ್ಲುಗಾವಲು, ಹಿರಿಯರ ಇತ್ಯಾದಿ.
ಪೋಷಣೆಯಲ್ಲಿ ಆವಾಸ: ಬೇಟೆ ಪ್ರಾಣಿ ಮತ್ತು ಕೀಟಗಳನ್ನು.
ಜೀವನ ಕಾಲ: 10-15 ವರ್ಷಗಳು.
ತೂಕ: 50-80 ಕೆ.ಜಿ.
ಉದ್ದ: 92-105 ಸೆಂಟಿಮೀಟರ್.

ಲಕ್ಷಣಗಳು:


- ಇವು ಸುಮಾರು 60 ಕೆ.ಮೀ. ವೇಗದಲ್ಲಿ ಓಡುತ್ತವೆ.
- ಇವು 6 ಮೀ. ಗಿಂತ ಹೆಚ್ಚು ಉದ್ದಕ್ಕೆ ಮತ್ತು 3 ಮೀ. ಎತ್ತರಕ್ಕೆ ಜಿಗಿಯುತ್ತವೆ.
- ಇವು ಸುಮಾರು 20 ಸಿಸ್ಟಮ್‌ಗಳನ್ನು ಹೊಂದಿವೆ.

Habitat: Forests interspersed with grassland, & dense forest.
Natural diet: Deers, antelopes, wild boars etc.
Zoo diet: Beef & chicken. **Life Span:** 15-20 years.
Gestation period: 92-105 days **Weight:** 50-80 Kg.

Features:

- They can run at bursts of upto 60 km/h.
- They can jump more than 6 m horizontally & 3m vertically.
- They have advanced vision and hearing, which makes them especially adopt at hunting in dense forest

Distribution: The Indian leopard is distributed in India, Nepal, Bhutan and parts of Pakistan.



Least Concern Near threatened Vulnerable Endangered Critically Endangered Extinct

Information Boards

Visitor Comments

Sri. Sanjay Mohan IFS
PCCF (HoFF)

“An excellent zoo with a good penitential of expansion”

Smt. Roopa Srinivasan IRAS
Principal Financial Advisor
South Western Railway

“The enclosures are very green and well maintained”

Smt. Salma A. S.
Civil Judge & THFC

“It is well maintained, co-operation from the staff is appreciated cleanliness is highly appreciated”

Smt. Soujanya V. N.
Bilagi

“The animals are healthy and active. I suggest to add more animals”

Details of Animal Adoption from 2012-2020 are as follows

| Year | No of animals adopted | Amount (in Rs) |
|---------|-----------------------|----------------|
| 2012-13 | 21 | 1,52,250 |
| 2013-14 | 5 | 32,250 |
| 2014-15 | 6 | 70,000 |
| 2015-16 | 5 | 33,250 |
| 2016-17 | 5 | 33,250 |
| 2017-18 | 6 | 40,500 |
| 2018-19 | 10 | 40,500 |
| 2019-20 | 17 | 49,500 |
| 2020-21 | 54 | 4,37,500 |



Name of Adoptees

| | |
|--------------------------------|-----------------------------------|
| Sri. Mohan P. Malashetti Gadag | Ms. Anupama Ingalalli |
| Sri Shankargouda Patil | Sri Channabasavaraj Kattimani |
| Sri A. V. Surya Sen IFS | Dr. Shivkumar Basavaradder |
| Sri Prabhudev Ronad | Dr. Shivkumar Basavaradder |
| Sri. R. R. Hawale Gadag | Ku. Pruthviraj P. Budihal |
| Sri. Yatish N. IPS | OM Medi-care, Gadag |
| Sri. Nanda Kadli | Sri. Sushilareddy S. Basavaradder |
| Sri. Shashikant Alur | Ku. Chaitra P. Menasinkai |
| Sri. Madhulaxmi Javali | Ku. Laxmi B. Ramankoppa |
| Sri. Shrinivas Sureban | Sri. Harish G. Halihal |
| Ms. Manjula S. E. | Sri. A. R. Anjaneya |
| Ms. Aishwarya K. | Sri. Taya ali A. Hombal |
| Ms. Spruha Prerana Nidoni | Ms. Aishwarya Ajit Shanabag |
| Sri. Kiran Divate | Sri. Aroh H. |
| Sri. Radhakrishna | Sri. Anand Naregal |
| Ms. Manvita Jambagi | Mrs. Vibha Santosh Naregal |
| Ms. Krutika Kulkarni | Children of the forest |
| Sri. Mandara Raj J P | Sri. Maitreshkumar |
| Sri. Ramakrishna Rolli | Smt. Shweta Vinay D.C. |
| Gadag Zoo Staff | Smt. Suma Haleholi |
| Soumya I. Gadashetti | Sri. Ramappa Pujar |
| Sri. Kushal Nagaraj Hunagund | Sri. Sanju Daddimani |
| Sri. Vinayak Wadagavi | Sri. Anand Amrutha |
| Ms. Anvita Hebsur | Smt. Smitha Divakar |
| Sri. Suhas Ballary | Smt. Gayatri Naik |
| Sri. V. S. Akki | Sri. Somesh Lingareddy Jeevapur |
| Mrs. Divya Yash Momoya | Sri. Akshay Singh, Bangalore |

Veterinary care



Treatment of injured Black Buck



Treatment of Hyena for infighting injuries



As a preventive measure - Injecting Antihaemoprotozoan

Our Team



Sri Sanjai Mohan IFS,
PCCF (HoFF)



Sri Vijaykumar Gogi IFS,
PCCF Wild life



Sri B. P. Ravi IFS,
APCCF and MS ZAK



Sri. A. V. Surya Sen IFS
ED and DCF Gadag Zoo



Smt. Parimala V. H.
ACF



Miss. Chaitra P. Menasinkai
Curator / RFO



Dr. Prakash Jattenavar
Veterinary Officer



Sri. N. T. Ballary
Dy RFO



Sri. M. C. Kalled
Dy RFO



Sri. N. A. Bosale
Forest Guard



Smt. Lata G. Bagasar
Forest Guard



Sri. Nikhil Kulkarni
 Vet. Assistant
 Cum Education Officer



Sri Praveen Bidari
 Assistant Engineer



Sri Goudappa Odu
 Animal Keeper (DRE)



**Smt. Hanumavva
 Ramenahalli**
 Animal Keeper (DRE)



**Smt. Ratnavva
 Shagani**
 Animal Keeper (DRE)



**Sri. Mruthyunjaya
 Hiremath**
 Animal Keeper



Sri Ashok Baligar
 Animal Keeper



**Sri Shreeshail
 Annigeri**
 Animal Keeper



**Sri. Channabasappa
 Chitti**
 Animal Keeper



**Sri. Kumar
 Naragund**
 Animal Keeper



Sri Suban Hosamani
 Animal Keeper



Sri Ibrahim Buvaji
 Animal Keeper



Sri Yamanappa Iliger
 Animal Keeper



**Sri Basavaraj
 Angadi**
 Animal Keeper



Sri. Ramu Kadari
 Cleaner



**Smt. Laxamavva
 Marate**
 Animal Keeper



**Smt. Kalavati
 Kammar**
 Animal Keeper



**Smt. Bhavya
 Annigerimath**
 Animal Keeper



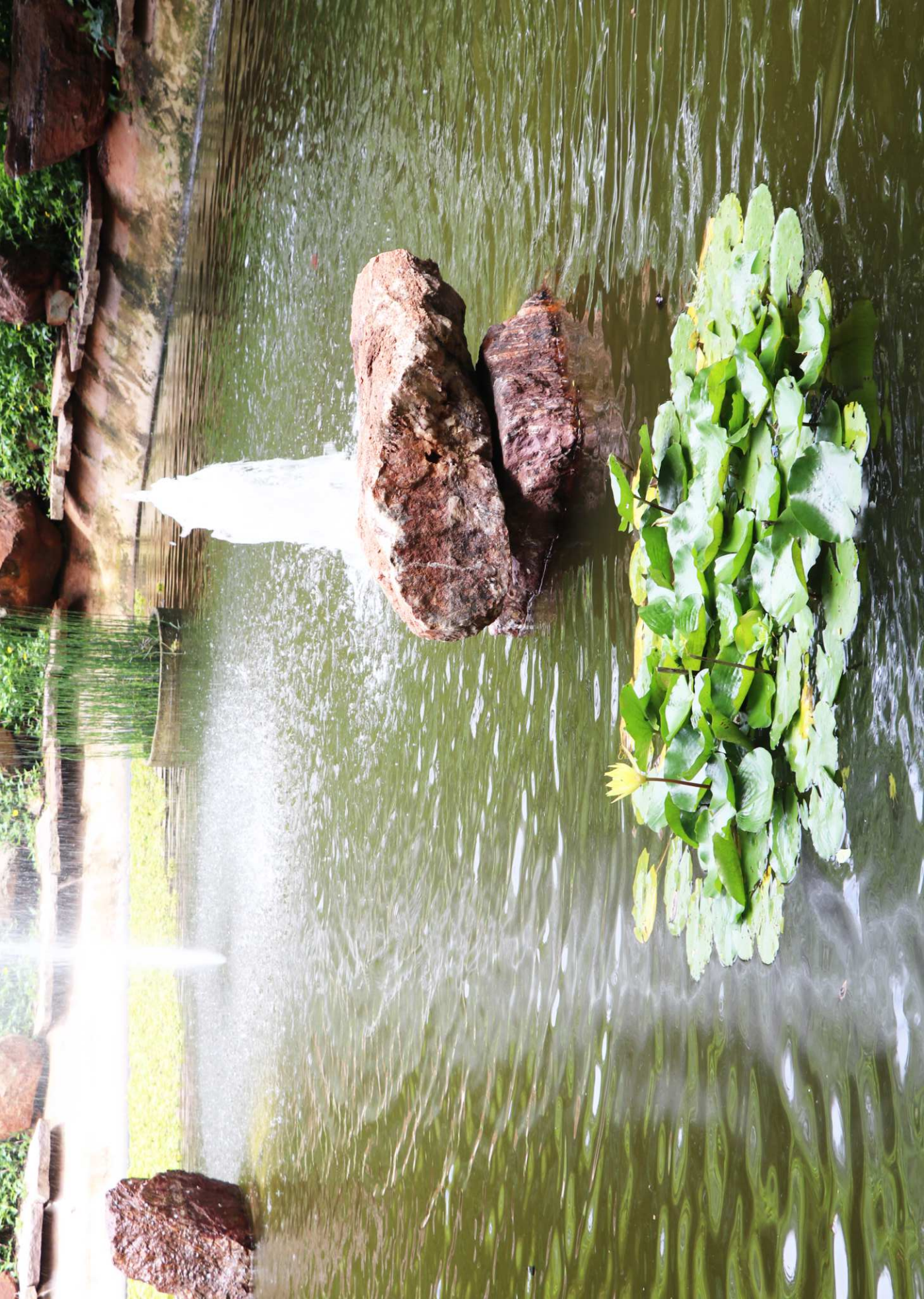
Smt. Prema Halli
 Animal Keeper



Smt. Mangala Wali

Team Gadag Zoo







ಜನಕ ಉದ್ಯಾನವನ ಹಾಗೂ ಮೃಗಾಲಯ ನಗರ

ಕೃಷಿ ಮತ್ತು ಮೃಗಾಲಯ

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Website : www.gadagzoo.org