

# Greens Zoological, Rescue and Rehabilitation Centre

Annual Report for the year

2021-22

Jamnagar, Gujarat

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**1. Report of the Director:**

During the year, the zoo achieved a major milestone by opening its quarantine centre. The centre is built on a nine-acre land with state-of-the-art facilities. The centre constitutes 172 enclosures, with a dedicated full-fledged hospital, kitchen, pharmacy and post mortem room as per the guidelines set by Central Zoo Authority (CZA) and Animal Quarantine Certificate Service (AQCS), India. Officials from the Animal Quarantine Certificate Service, Mumbai and Veterinary Officials from Gujarat State government inspected the facility and appreciated the efforts made by GZRRC. The main objective of establishing the facility is to quarantine/treat sick animals and new animal arrivals at the zoo, in order to reduce risk of spread/introducing parasites or disease to other animals at the zoo.

During the year, visits were made to meet the zoo officials of Sardar Patel Zoological Park (Kevadia), Balasaheb Thackeray Gorewada International Zoological Park (Nagpur), Veermata Jijabai Bhosale Udyan (Mumbai), Mahendra Chaudhary Zoological Park (Chandigarh), Nagaland Zoological Park (Dimapur), Biological Park (Itanagar), Assam State Zoo cum Botanical Garden (Guwahati), National Zoological Park (New Delhi), Dhaulahdar Nature Park, (Gopalpur), Rescue and Rehabilitation Home (Tutikandi), Madras Crocodile Bank Trust (Chennai), Bannerghatta Zoological Park (Bengaluru), Sri Chamarajendra Zoological Garden (Mysore), Blyth's Tragopan Conservation & Breeding Centre (Kohima) and National Institute of High Security Animal Diseases (Bhopal) for possible future collaboration. During the year, I was invited as guest faculty to give lectures on husbandry of animals in captivity for Master/Diploma courses at Wildlife Institute of India (WII), Dehradun and participated in workshops organized by WII. Discussions were made with CZA and WII for improving and finalizing master plan of GZRRC.

Acquisition of animals from Madras Crocodile Bank Trust (Mamallapuram), Arignar Anna Zoological Park (Chennai), Nagaland Zoological Park (Rangapahar, Dimapur), National Zoological Park (New Delhi), Assam State Zoo cum Botanical Garden (Guwahati), Dhaulahdar Nature Park, (Gopalpur), Amte's Animal Ark Rescue Centre (Gadchiroli) and People for Animals Rescue Centre (Wardha) were made under animal exchange programmes. I would like to express my sincere gratitude to the CZA and the respective zoos for their support and cooperation. Siamese crocodile (*Crocodylus siamensis*) rescued by the Directorate of Revenue Intelligence (DRI), Mumbai, and African Spurred/Sulcata tortoise (*Geochelone sulcata*) and Green Iguanas (*Iguana iguana*) rescued by the Customs department at Pune are currently housed at the GZRRC quarantine centre and rehabilitation of these animals is being carried out by experienced staff.

During the year, a lot of developments has happened at GZRRC. Extension of the Satellite Rescue facility for housing additional Leopards, Muggers, Asiatic Black Bears and Macaques is completed. The Rescue & Rehabilitation centre, enclosures in Zone A, B, G, I and Herbivore section are now ready. Enrichment and plantation of trees in the paddock area of the enclosures is under way. The main hospital building of GZRRC is on the verge of completion.

I participated in the National Conference for Zoo Directors and Veterinarians held at Sardar Patel Zoological Park, Kevadia, Gujarat from 10-10-2021 to 11-10-2021

A manual on "Ex-situ Management of Amphibians in Zoo" co-authored by me along with Karthikeyan Vasudevan, Barkha Subba, Govindappa Venu and Gowri Mallapur, and published by Central Zoo Authority and released by Union Minister MoEFCC, Shri. Bhupender Yadav at National Zoological Park (New Delhi) on 21<sup>st</sup> March 2022.

Lastly, I would like to thank all my colleagues and staff for their tireless and dedicated efforts during the year.

Dr. Brij Kishor Gupta  
Director  
Greens Zoological, Rescue and Rehabilitation Centre  
Jamnagar

## **2. History of the Zoo:**

Reliance Industries Ltd. (RIL), in its letter dated 5th September 2017 to the Honourable Chief Minister of Gujarat, had expressed the willingness for the establishment of Zoo cum Wildlife Rehabilitation Centre at Jamnagar as part of CSR initiative. RIL also requested in-principle approval and advice to get respective department like Forest and Environment Departments, Revenue Department and other relevant departments to grant necessary approval for the implementation of the project. Subsequently, on 7<sup>th</sup> January 2019, RIL submitted a proposal to the Member Secretary, CZA along with application for recognition under section 38 (H) sub section 2 of the Wild Life (Protection) Act, 1972 for the proposed establishment of Greens Zoological Rescue and Rehabilitation Centre (GZRRC) at village Kalanus, Taluka Lalpur, District Jamnagar, Gujarat.

In the meantime, the Chief Wildlife Warden (CWLW), Government of Gujarat wrote to the Member Secretary, CZA vide letter dated 23rd Jan 2019 requesting for the establishment of GZRRC at Jamnagar as it will strengthen the state's effort in conservation, education and awareness of wildlife in general and especially of Gujarat. The CWLW also mentioned that in view of the infrastructure, financial and organization strength of the agency, he recommends the grant of approval to the proposed GZRRC at Jamnagar in accordance with the CZA guidelines. On 14 Feb 2019, CZA granted approval for the establishment under section 38 H (1A) of the Wildlife Protection Act, 1972 for the establishment of GZRRC subject to certain conditions. CZA evaluated GZRRC facilities on 8<sup>th</sup> August 2020 and the recognition was granted on 17th August 2020 and is valid until 16th August 2023. On 10th March 2021, Greens Zoological Rescue and Rehabilitation Centre Society (GZRRCs) was registered Societies Registration Act, 1860. Since then, the GZRRCs has been looking after the day-to-day operation of the GZRRC. The quarantine centre of the zoo was opened on 4<sup>th</sup> July 2021 to cater the need to quarantine animals that are either sick or acquired from other zoos.

## **3. Vision:**

For the establishment of the Greens Zoological, Rescue and Rehabilitation Centre, the following vision has been outlined: (i) The Greens Zoological, Rescue and Rehabilitation Centre aims at making the facility to International standards following the modern trend of design as open, naturalistic, and eco-friendly Zoo. No activity would be undertaken by the Greens Zoological, Rescue and Rehabilitation Centre that disturbs the natural landscape of the area. The design of animal enclosures and the support infrastructure would be such that they can merge fully in the environment of the Greens Zoological, Rescue and Rehabilitation Centre. (ii) The Greens Zoological, Rescue and Rehabilitation Centre shall house only such species, which can be provided quality life of adequate longevity so that they can breed and lead to self-sustaining and genetically and behaviourally viable population at the zoo. (iii) The Greens Zoological, Rescue and Rehabilitation Centre shall maintain highest standards of educative signage and interpretation facilities at the animal enclosures to enable the visitors in having a rewarding experience at the zoo. (iv) Greens Zoological, Rescue and Rehabilitation Centre shall endeavour to maintain and enhance the naturalistic and aesthetic value of the area.

## **4. Mission:**

The Greens Zoological Rescue and Rehabilitation Centre is committed to saving species by uniting our expertise in animal care and conservation science with our dedication in inspiring passion for nature through best practices of management and bringing education and awareness among people.

## 5. Objective:

The objective of establishing this Greens Zoological, Rescue and Rehabilitation Centre is to provide a safe, natural, unpolluted, undisturbed and ambient space for animals and animals which shall come as injured, orphaned, or rescued or due to man-animal conflict or by way of exchange from zoos or as surplus from other zoos.

- The Main objective of establishing this Greens Zoological, Rescue and Rehabilitation Centre is to complement and strengthens the national efforts in conservation of the rich biodiversity of the country.
- Greens Zoological, Rescue and Rehabilitation Centre aims to conserve endangered species by breeding, increase healthy population by rehabilitating them back in the wild.
- Providing opportunities for scientific studies useful for conservation of wildlife and creation of database for sharing between the state and central government.
- To collect and collate the scientific data on the biology, behaviour and healthcare of various species of wild animals housed at the Greens Zoological, Rescue and Rehabilitation Centre and use the same in future management of the Greens Zoological, Rescue & Rehabilitation Centre. These data will also help in wildlife management.
- To create among the visitors' compassion towards wild animals through better understanding of the linkages of long-term survivals of various species of wild animals to availability of fertile soil, potable drinking water and pollution free environment
  - To assist in conservation of various species of wild animals and their habitat by sensitizing the people about the benefits of adopting sustainable life styles.
  - To provide the opportunities to the public to see the wild animals' close quarters, so the Greens Zoological, Rescue and Rehabilitation Centre will have a sensational value not only for public but for children also. This will certainly bring the happiness movement in their life.
  - Greens Zoological, Rescue and Rehabilitation Centre will act as a Rescue center for orphaned/ seized/ accidental/ injured/ imprinted from human habitation, wild animals. Rescue animal will be released in the wild as soon as possible after treatment.
  - To educate and aware zoo visitors for conservation, protection and to explain them their role in balancing the Eco-System.
  - To provide rescue facility to injured wild animals through best veterinary services.
  - To provide shelter to the animals which have strayed out of their habitat and cannot be released back in the wild.
  - Conservation breeding of endangered species of wild animals, available within central highlands of India.
    - To provide housing and upkeep to the orphaned animals of endangered of species rescued from the wild.
- The GZRRC aims to coordinate and extend mutual support with the government/non-governmental organizations in India and abroad who are working with the similar objectives for the welfare and conservation of rich biodiversity *in situ* and *ex situ*.  
The proposed Greens Zoological, Rescue and Rehabilitation Centre will provide an opportunity to strengthen the initiatives taken for conservation of rich bio diversity of the state.

**6. About us:**

Sl. No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	Greens Zoological, Rescue and Rehabilitation Centre
2	Year of Establishment	2019
3	Address of the Zoo	Greens Zoological, Rescue and Rehabilitation Centre SSO, A5, Village Moti Khavdi District Jamnagar, Gujarat 361 142.
4	State	Gujarat
5	Telephone Number	0288-3519890
6	Fax Number	--
7	E-mail address	<a href="mailto:gzrcc@outlook.com">gzrcc@outlook.com</a>
8	Website	--
9	Distance from nearest	Airport: 24 km
		Railway Station: 30.4 km
		Bus Stand: 30 km
10	Recognition Valid up to (Date)	16-08-2023
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	171.97



Sl. No.	Particulars	Information
13	Number of Visitors (Financial Year)	Adult: NA
		Children: NA
		Total Indian: NA
		Total Foreigners: NA
		Total Visitors: NA
14	Visitors' Facilities Available in Zoo	NA
15	Weekly Closure Day of the Zoo	NA
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	Dr. Brij Kishor Gupta
	Name of the Veterinary Officer (s)	Dr. Navnath Nighot Dr. Ajay Deshmukh Dr. Gaurav Shrivastav Dr. Ankush Dubey Dr. Animesh Talukdar
	Name of the Curator (s)	Mr. Allwin Jesudasan, Mr. Ajay Kartik (Reptiles)
	Name of the Biologist (s)	Dr. Akshaya Mane Ms. Kunj Joshi
	Name of the Education Officer	Nil
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	Greens Zoological Rescue and Rehabilitation Centre Society
18	Address of the Operator	Greens Zoological Rescue and Rehabilitation Centre Society, "Vraj", Paldi, Ahmedabad, Gujarat, India - 380007
19	Contact details/Phone number of Operator	0288-3519890

Sl. No.	Particulars	Information
20	E-mail address of Operator	<a href="mailto:gzrrc@outlook.com">gzrrc@outlook.com</a> , <a href="mailto:gzrrc.jmd@zmail.ril.com">gzrrc.jmd@zmail.ril.com</a>

## 7. Organizational Chart



**8. Present Human Resource for the Management of the Satellite Rescue Centre and**

**GZRRC:**

SI. No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Chief Executive Officer	1	Mr. Vivaan Karani
2.	Director	1	Dr. Brij Kishor Gupta
3.	Veterinary Doctor (s)	5	Dr. Navnath Keshav Nighot Dr. Ajay Deshmukh Dr. Gaurav Shrivastav Dr. Ankush Dubey Dr. Animesh Talukdar
4.	Curator	2	Mr. Allwin Jesudasan; Mr. Ajay Kartik (Reptiles);
5.	Biologist	2	Dr. Akshaya Mane Ms. Kunj Joshi
6.	Facility Managers	2	Mr. Naman Hitesh Dani Mr. Ashish Lilabhai Parmar
7.	Control Room Operators	3	Mr. Sharat Chauhan Mr. Vipin Singh Pathania Mr. Balbir Singh
8.	Supervisors	2	Mr. Ashok Modaram Dewasi, Mr. Dinesh Kumar Khatana
9.	Animal Keepers	51	Mr. Avinash Biju Chhetri (Head keeper) Mr. Yugal Kishor bhai kalal Mr. Madan Sahu Mr. Mohanram Dewasi Mr. Bijaram Dewasi Mr. Omaram Dewasi Mr. Ramratan Dewasi Mr. Jogendrasingh Rathore Mr. Godharam Dewasi Mr. Ajinkya More Mr. Suraj Jadhav Mr. Kaluram Dewasi Mr. Bharatram Dewasi Mr. Jetharam Dewasi Mr. Sanjay kumar Mr. Bhavararam Dewasi Mr. Vikaskumar Mr. Chandrakant Dhondu Kokane Mr. Ravishankar Shyamsundar Tiwari Mr. Sohit Pahari

			Mr. Kumar Danbahadur Chhetri Mr. Gopal Bhausaheb Deshmukh Mr. Sitaram Pal Mr. Rakesh Karjee Mr. Sujit Pahari Mr. Shiv Kumar Mr. Ketan Jadhav Mr. Rajesh Singh Mr. Suraj Bhan Yadav Mr. Rinku Roy Mr. Nagendra Basor Mr. Amit Kushwaha Mr. Shrimali Mehul Mr. Arjun Tamang Mr. Ranjit Kumar Mr. Pranjal Sutradhar Mr. Rinku Boro Mr. Deep Boro Mr. Padma Boro Mr. Durga Boro Mr. Vishal Kukmar Mr. Dinesh Pawar Mr. Suryakanta Dinda Mr. M. Ezhumalai Mr. S.Rohith Mr. G Logesh Waran Mr. Binil Kumar K Mr. Goverdhan Mr. Rupa Ram Mr. Kevin Robert D.Costa Mr. Hemkumar Ramesh Mahapatra
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**9. Capacity Building of Zoo Personnel**

Sl. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1.	Mr. Vivaan Karani (Chief Executive Officer), Dr. Brij Kishor Gupta (Director) & Dr. Navnath Keshav Nighot (Senior Veterinary Doctor)	National Conference for Zoo Directors and Veterinarians	10-10-2021 to 11-10-2021	Sardar Patel Zoological Park, Kevadia, Gujarat

**10. Zoo Advisory Committee –**

**a. Date of constitution**

23-3-2021

**b. Members**

The following members are part of the committee.

Dr. Brij Kishor Gupta, Director, GZRRC

Dr. Abhishek Sharma, Director, Sakkarbaug Zoological Park

Dr. Riyaz Kadivar, Veterinary Officer, Sakkarbaug Zoological Park

Dr. Navnath Nigot, Senior Veterinary Doctor, GZRRC

Dr. Boon Allwin, Veterinary Officer, Khodiyar Animal Welfare Trust

Dr. Ajay Deshmukh, Facility in-charge, Satellite Rescue Centre, GZRRC

Meetings Date: 05-09-2021

**11. Health Advisory Committee–**

**a. Date of constitution**

23-3-2021

**b. Members**

The following members are part of the committee.

Dr. Brij Kishor Gupta, Director, GZRRC

Dr. Abhishek Sharma, Director, Sakkarbaug Zoological Park

Dr. Riyaz Kadivar, Veterinary Officer, Sakkarbaug Zoological Park

Dr. Navnath Nigot, Senior Veterinary Doctor, GZRRC

Dr. Boon Allwin, Veterinary Officer, Khodiyar Animal Welfare Trust

Dr. Ajay Deshmukh, Facility in-charge, Satellite Rescue Centre, GZRRC

Meetings Date: 05-09-2021

**12. Statement of income and expenditure of the Zoo**

**Income:** Nil

**Expenses:** 3, 37, 25, 251

**13. Daily feed Schedule of animals**

Sl. No	Species	Feed item		Quantity		Day of Fasting
				Winter	Summer	
1	Sloth Bear	Everyday	Indian bread 200 g, Compressed Oats 150 g	350 g	350 g	

			Milk	1000 ml	1000 ml	
			Boiled eggs	2	2	
			Honey	25 ml	25 ml	
		Monday	Watermelon (500 g), Mango/seasonal fruit (500 g), Pomegranate (500 g)	1.5 kg	1.5 kg	
		Tuesday	Muskmelon (500 g), Guava (500 g), Apple (500 g)	1.5 kg	1.5 kg	
		Wednesday	Banana (500 g), Carrot (500 g), Cucumber (500 g)	1.5 kg	1.5 kg	
		Thursday	Orange (500 g), Sweet Potato (500 g), Pumpkin (500 g)	1.5 kg	1.5 kg	
		Friday	Watermelon (500 g), Grapes (500 g), Bottle gourd (500 g)	1.5 kg	1.5 kg	
		Saturday	Papaya (500 g), Sapodilla (500 g), Pear (500 g)	1.5 kg	1.5 kg	
		Sunday	Watermelon (500 g), Mango/seasonal fruit (500 g), Corncob (500 g)	1.5 kg	1.5 kg	
		Everyday	Wheat daliya	300 g	300 g	
			Honey	25ml	25ml	
2	<b>Himalayan Black Bear</b>	Everyday	Multigrain Brown Bread	Sub adult-12 slices , Adult - 20 slices	Sub adult-12 slices , Adult - 20 slices	
			Honey	Sub Adult 50 ml, Adult - 80 ml	Sub Adult 50 ml, Adult - 80 ml	
			Eggs boiled	2 pieces per	2 pieces per	
			Black gram	70 g	70 g	
			Banana,Guava, Sapodila, Watermelon, Apple, Papaya,	1.5 kg	1.5 kg	

			Orange, Muskmelon, Grapes, Pear, Pumpkin, Bottle guard (boiled), Carrot(boiled), Spinach, Cucumber, Bok choy			0	
			Black Gram soaked	70 g	70 g		
			Wheat daliya 150 g, Compressed Oats 100 g, Peanuts 30 g, Dates 50 g	330 g	330 g		
			Milk	Adults -1.5 l, Sub Adults -1 l	Adults -1.5 l, Sub Adults -1 l		
			Jaggery	50 g	50 g		
			Mulberry leaves with branch, Bamboo leaves with branch, Fig fruit	Total - 2 kg fig, 5 kg leaves	Total - 2 kg fig, 5 kg leaves		
3	Rhesus Macaque	Everyday	Brown Rice / Oats/ Primate Pallets	100 g/ Adult	100 g/Adult		
			Eggs (Boil)	1 for sub adults and 2 for adults	1 for sub adults and 2 for adults		
		Everyday	Soaked Black Gram, Bamboo leaves, Moringa leaves, Hibiscus leaves, Tamarind leaves, Arugula	30 g Black gram leaves 50 g	30 g Black gram leaves 50 g		
		Monday	Banana(250g), Watermelon(250g)	500 g/adult	500 g/adult		
		Tuesday	Apple(250g), Carrot(250g)	500 g/adult	500 g/adult		
		Wednesday	Sapodilla(250g), Cucumber(250g)	500 g/adult	500 g/adult		
		Thursday	Mango(250g)/ Pear(250g), Cabbage(250g),	500 g/adult	500 g/adult		

		Friday	Guava(250g), Papaya(250g)	500 g/adu lt	500 g/adu lt	
		Saturday	Sweet potato(250g), Orange(250g)	500 g/adu lt	500 g/adu lt	
		Sunday	Muskmelon(250g), Pumpkin(250g)	500 g/adu lt	500 g/adu lt	
		Monday	Coconut	1pc	1pc	
		Friday	Sugarcane	1pc	1pc	
		Wednesday, Saturday	Fig fruit/Peanut/Almonds/Wa lnut/Mealworm	50 g	50 g	
<b>4</b>	<b>Leopard</b>	Monday, Thursday	Beef	2.5 kg (Fem ale)/ 3.0 kg (Male )	2.0 kg (Fem ale)/ 2.5 kg (Male )	Satur day
		Tuesday, Friday	Chicken	2.5 kg (Fem ale)/ 3.0 kg (Male )	2.0 kg (Fem ale)/ 2.5 kg (Male )	Satur day
		Wednesday, Sunday	Mutton	2.5 kg (Fem ale)/ 3.0 kg (Male )	2.0 kg (Fem ale)/ 2.5 kg (Male )	Satur day
<b>5</b>	<b>Grey langur</b>	Everyday	Rice/ Oats	50 g	50 g	
			Eggs (Boiled)	Half	Half	
		Everyday	Soaked Black Gram, Bamboo leaves, Moringa leaves, Hibiscus leaves, Tamarind leaves, Arugula	25 g- Gram , 50 g leave s	25 g- Gram , 50 g leave s	
		Monday	Banana (150 g), Watermelon (150 g)	300 g	300 g	
		Tuesday	Apple (150 g), Carrot (150 g)	300g	300g	



		Wednesday	Seasonal fruits (150 g), Cucumber (150 g)	300g	300g	
		Thursday	Seasonal fruits (150 g), Cabbage (150 g), Pear (150 g)	300g	300g	
		Friday	Guava (150 g), Papaya (150 g)	300g	300g	
		Saturday	Sweet potato (150 g), Orange (150 g)	300g	300g	
		Sunday	Muskmelon (150 g), Pumpkin (150 g)	300g	300g	
<b>6</b>	<b>Slow loris</b>	Everyday	Banana, Berries, Flowers (Hibiscus), Insects (Mealworms/Cockroache s), Apple, Papaya, Pear, Carrot, Cucumber, Water melon and musk melon, orange, Pomegranate	150 g	150 g	Per indivi dual
			Boiled egg-1	50 g	50 g	
<b>7</b>	<b>Spotted Deer</b>	Everyday	Pellets	400 g	400 g	Per indivi dual
			Maize (non-legume)	1.5 kg	1.5 kg	
			Lucerne (legume)	1 kg	1 kg	
			Beetroot	500 g	500 g	
			Carrot	1 kg	1 kg	
			Sprouted gram	100 g	100 g	
		Alternative day	Neem Leaves	125 g	125 g	
		Everyday	Banyan Tree Leaves	125 g	125 g	
		Alfa-Alfa dry grass	250 g	250 g		
<b>8</b>	<b>Sambar Deer</b>	Everyday	Pellets	1 kg	1 kg	Per indivi dual
			Maize (non-legume)	4.8 kg	4.8 kg	
			Lucerne (legume)	2.4 kg	2.4 kg	
			Beetroot	1.6 kg	1.6 kg	
			Carrot	3.2 kg	3.2 kg	
			Sprouted gram	400 g	400 g	
			Neem Leaves	400 g	400 g	
			Banyan Tree Leaves	400 g	400 g	
			Alfa-Alfa dry grass	800 g	800 g	
<b>9</b>	<b>Hippopota mus</b>	Everyday	Lucerne	20 kg	20 kg	
			Maize	50 kg	50 kg	
			Mash	10 kg	10 kg	
			Gooseberry, Cucumber, carrot, pumpkin, Bottle gourd	5 kg	5 kg	
<b>10</b>	<b>Jungle cat</b>	Monday, Thursday	Beef	250 g	250 g	

		Tuesday, Friday, Saturday	Chicken	250 g	250 g	
		Wednesday, Sunday	Mutton	250 g	250 g	
11	Leopard cat	Monday, Thursday	Beef	300-500 g	300-500 g	
		Tuesday, Friday, Saturday	Chicken	300-500 g	300-500 g	
		Wednesday, Sunday	Mutton	300-500 g	300-500 g	
12	Golden jackal	Monday, Thursday	Beef	400 g	400 g	
		Tuesday, Friday	Chicken	400 g	400 g	
		Wednesday, Saturday	Mutton	400 g	400 g	
13	Indian fox	Monday, Thursday	Beef	300 g	300 g	
		Tuesday, Friday	Chicken	300 g	300 g	
		Wednesday, Saturday	Mutton	300 g	300 g	
14	Malayan porcupine	Everyday	Pumpkin, Maize, Bottle guard, Bok choy, carrot, sweet potato, Arugula, Water melon, Crispy muesli (optional), Amla	550 g	550 g	
			Boiled egg-1	50 g	50 g	
15	Oriental Pied hornbill	Everyday	Banana, Apple, Grapes, Guava, Insects, Litchi, Mulberry, Jamun, Fig fruits, Ber (based on availability)	150 g	150 g	
			Boiled egg	50 g	50 g	
			Papaya and mealworm	100 g	100 g	
16	Painted stork	Everyday	Fish/ fingerlings	300 g	300 g	
17	Assam Leaf Turtle	Monday, Thursday	Bottle guard, Hibiscus leaves, Arugula	10% of body weight	10% of body weight	
18	Peacock soft shell turtle	Monday, Thursday	Chicken Boneless/ Fish fingerlings/ Liver/ Gizzard/ Beef/Mutton	10% of body weight	10% of body weight	
19	Burmese python	Monday	Mice	1 big mouse (killed)	1 big mouse (killed)	

20	<b>Sulcata tortoise</b>	Everyday	Moringa leaves, Romaine lettuce, Friese lettuce, Endives, Arugula, Hibiscus flower, Red Amaranth, Green Amaranth, Water cress and mustard green, Bermuda grass	10% of body weight	10% of body weight	
			Papaya, Banana, Water melon, Grapes, Hibiscus leaves,			
21	<b>Common Iguana</b>	Everyday	Moringa leaves, Romaine lettuce, Friese lettuce, Endives, Arugula, Hibiscus flower, Red Amaranth, Green Amaranth, Water cress and mustard green, Bermuda grass, Mazuri diet	10% of body weight	10% of body weight	
22	<b>Siamese crocodile</b>	Monday, Thursday	Chicken neck, liver, Lab mice	300 g	300 g	
23	<b>Marsh crocodile(y earlings)</b>	Monday, Thursday	Boneless chicken	30 g	30 g	
24	<b>Marsh crocodile (adults)</b>	Once a week (Monday/Tuesday/Wednesday)	Chicken	2.5 kg	2.5 kg	

#### 14. Vaccination Schedule of animals

Sl. No	Species	Disease Vaccinated For	Name of the Vaccine and dosage/quantity used	Periodicity	Remarks
1	Feline	FPL, Calcivirus, Herpesvirus, Rabies & CDV	Biofel PCHR, Purevax CDV/1ml/ total 2 doses of each per individual	Annually	
2	Ursids	Canine Distemper, Parvovirus, Hepatitis, Respiratory Diseases Induced by CAV-2 and Influenza Virus & Leptospirosis Caused by <i>L.canicola</i> , <i>L. icterohaemorrhagiae</i> , Rabies	DHPPi/L, Antirabies/ 1ml/ total 2 doses of each per individual	Annually	

3	Canine	Canine Distemper, Parvovirus, Hepatitis, Respiratory Diseases Induced by CAV-2 and Influenza Virus & Leptospirosis Caused by <i>L. canicola</i> , <i>L. icterohaemorrhagiae</i> , Rabies	DHPPi/L, Antirabies/ 1ml/ total 2 doses of each per individual	Annually	
3	Herbivores	Foot and mouth disease, Hemorrhagic Septicemia & Black Quarter	Rksha triovac/1ml/individual	Annually	
4	Primates	Tetanus & Rabies	Tetanus Toxoid 0.5ml/individual Nobivac-R 1ml/individual	Annually	

#### 15. De-worming Schedule of animals

Sr No	Species	Drug used	Periodicity
1	Felines	Praziquantel, Pyrantel Pamoate and Fenbendazole & Ivermectin	Quarterly
2	Canines	Praziquantel, Pyrantel Pamoate and Fenbendazole & Ivermectin	Quarterly
3	Primates	Albendazole	Quarterly
4	Hippopotamus	Albendazole	Quarterly
5	Spotted deer & Sambar deer	Fenbendazole & Ivermectin	Quarterly
6	Reptiles	Fenbendazole	Quarterly
7	Aves	Fenbendazole	Quarterly
8	Ursids	Albendazole & Ivermectin	Quarterly

#### 16. Disinfection Schedule

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	All species	Night cell	Liq. Kohrsoline TH 2 ml / Lit	Daily

		of water, Rinsing	
		Pow. Vircon S 2 % solution, Spray	Once in Week
2.	Keeper Gallery / Room	Liq. Kohrsoline TH 2 ml / Lit of water, Rinsing	Daily
3.	Hospital	Liq. Kohrsoline TH 2 ml / Lit of water, Rinsing	Daily
		Pow. Vircon S 2 % solution, Spray	Once in Week
4.	Operation Theater	35 ml of formalin (40 percent formaldehyde) + 10 gm potassium permanganate per cubic metre of space, Fumigation	Fortnight
		Liq. Kohrsoline TH 2 ml / l of water, Rinsing	Daily
		Pow. Vircon S 2 % solution, Spray	Once in Week
5	Animal Feed Room	35 ml of formalin (40 percent formaldehyde) + 10 g potassium permanganate per cubic metre of space, Fumigation	Fortnight
		Liq. Kohrsoline TH 2 ml / l of water, Rinsing	Daily
		Pow. Vircon S 2 % solution, Spray	Once in Week
6	Post mortem room	Liq. Kohrsoline TH 2 ml / l of water, Rinsing	Daily
		Pow. Vircon S 2 % solution, Spray	Alternate day
		35 ml of formalin (40 percent formaldehyde) + 10 g potassium permanganate per cubic metre of space.	After every post mortem
7	Garbage Room	Liq. Kohrsoline TH 2 ml / l of water, Rinsing	Daily basis after removal of garbage.
		Pow. Vircon S 2 % solution, Spray	Alternate day
		35 ml of formalin (40 percent formaldehyde) + 10g potassium permanganate per cubic metre of space, Fumigation	Fortnight
8	Foot Bath	Liq. Kohrsoline TH 2 ml / l of water as foot dip solution.	Cleaning foot bath on daily basis

9	Passage Area between Paddocks/ Inner circular Road / Outer circular Road	Pow. Vircon S 2 % in water, Spray	Daily basis - evening
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### **17. Health Check-up of employees for zoonotic diseases**

Sr No	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Mr. Yugal Kishorbhai Kalal	Animal Keeper	31-03-2022	Found Normal
2	Mr. Madan Sahu	Animal Keeper	31-03-2022	Found Normal
3	Mr. Mohanram Dewasi	Animal Keeper	10-03-2022	Found Normal
4	Mr. Bijaram Dewasi	Animal Keeper	10-03-2022	Found Normal
5	Mr. Omaram Dewasi	Animal Keeper	16-03-2022	Found Normal
6	Mr. Ramratan Dewasi	Animal Keeper	09-03-2022	Found Normal
7	Mr. Jogendrasingh Rathore	Animal Keeper	09-03-2022	Found Normal
8	Mr. Godharam Dewasi	Animal Keeper	10-03-2022	Found Normal
9	Mr. Ajinkya More	Animal Keeper	10-03-2022	Found Normal
10	Mr. Suraj Jadhav	Animal Keeper	08-03-2022	Found Normal
11	Mr. Kaluram Dewasi	Animal Keeper	09-03-2022	Found Normal
12	Mr. Bharatram Dewasi	Animal Keeper	09-03-2022	Found Normal
13	Mr. Jetharam Dewasi	Animal Keeper	10-03-2022	Found Normal
14	Mr. Sanjay Kumar	Animal Keeper	08-03-2022	Found Normal
15	Mr. Bhavararam Dewasi	Animal Keeper	10-03-2022	Found Normal
16	Mr. Vikaskumar	Animal Keeper	08-03-2022	Found Normal
17	Mr. Avinash Biju Chhetri	Animal Keeper	25-03-2022	Found Normal
18	Mr. Chandrakant Dhondu Kokane	Animal Keeper	16-03-2022	Found Normal
19	Mr. Ravishankar Shyamsundar Tiwari	Animal Keeper	25-03-2022	Found Normal

20	Mr. Sohit Pahari	Animal Keeper	16-03-2022	Found Normal
21	Mr. Kumar Danbahadur Chhetri	Animal Keeper	22-03-2022	Found Normal
22	Mr. Gopal Bhausahab Deshamukh	Animal Keeper	16-03-2022	Found Normal
23	Mr. Sitaram Pal	Animal Keeper	16-03-2022	Found Normal
24	Mr. Rakesh Karjee	Animal Keeper	16-03-2022	Found Normal
25	Mr. Sujit Pahari	Animal Keeper	16-03-2022	Found Normal
26	Mr. Shiv Kumar	Animal Keeper	25-03-2022	Found Normal
27	Mr. Ketan Jadhav	Animal Keeper	20-03-2022	Found Normal
28	Mr. Rajesh Singh	Animal Keeper	20-03-2022	Found Normal
29	Mr. Suraj Bhan Yadav	Animal Keeper	25-03-2022	Found Normal
30	Mr. Rinku Roy	Animal Keeper	15-03-2022	Found Normal
31	Mr. Nagendra Basor	Animal Keeper	25-03-2022	Found Normal
32	Mr. Amit Kushwaha	Animal Keeper	15-03-2022	Found Normal
33	Mr. Shrimali Mehul	Animal Keeper	15-03-2022	Found Normal
34	Mr. Arjun Tamang	Animal Keeper	15-03-2022	Found Normal
35	Mr. Ranjit Kumar	Animal Keeper	25-03-2022	Found Normal
36	Mr. Pranjal Sutradhar	Animal Keeper	20-03-2022	Found Normal
37	Mr. Rinku Boro	Animal Keeper	22-03-2022	Found Normal
38	Mr. Deep Boro	Animal Keeper	22-03-2022	Found Normal
39	Mr. Padma Boro	Animal Keeper	22-03-2022	Found Normal
40	Mr. Durga Boro	Animal Keeper	22-03-2022	Found Normal
41	Mr. Vishal Kukmar	Animal Keeper	22-03-2022	Found Normal
42	Mr. Dinesh Pawar	Animal Keeper	25-03-2022	Found Normal
43	Mr. Suryakanta Dinda	Animal Keeper	20-03-2022	Found Normal

44	Mr. M. Ezhumalai	Animal Keeper	15-03-2022	Found Normal
45	Mr. S. Rohith	Animal Keeper	16-03-2022	Found Normal
46	Mr. G. Logeshwaran	Animal Keeper	20-03-2022	Found Normal
47	Mr. Binil Kumar K	Animal Keeper	16-03-2022	Found Normal
48	Mr. Goverdhan	Animal Keeper	08-03-2022	Found Normal
49	Mr. Rupa Ram	Animal Keeper	08-03-2022	Found Normal
50	Mr. Kevin Robert D.Costa	Animal Keeper	15-03-2022	Found Normal
51	Mr. Hemkumar Ramesh Mahapatra	Animal Keeper	20-03-2022	Found Normal

**18. Development Works carried out in the zoo during the year**

The rescue centre for Reptiles and Macaques is completed. The Bear Rescue Centre is also completed. The extension of the Satellite Rescue Centre for Leopards is also completed.

**19. Education and Awareness programmes during the year**

No educational or awareness programmes were carried out during the year 2021-2022.

**20. Important Events and happenings at GZRRC**

Sl. No	Days	Date	Keepers Training / orientation/ message	Attendees
1	International Leopard Day	03-05-2021	Awareness and message for International Leopard Day	Animal keepers
2	-	01-07-2021	Training on Positive Reinforcement conditioning at facility Leopards	Animal keepers
3	-	12-09-2021	Training - Handle Restraining Devices	Animal keepers
4	World Animal Day	04-10-2021 to 08-10-21	Training on enriching lives of Leopards in captivity	Animal keepers
5	National Wildlife Week	08-10-2021	Training - training session about importance, purpose, types of enrichments	Animal keepers
6	International Jaguar Day	29-11-2021	Message for international Jaguar Day, Training on rosette pattern of animals	Animal keepers



7	-	21-12-2021	Training on Fire Management	Animal keepers
8	National Bird Day	05-01-2022	Message for National Bird Day on conservation of birds	Animal keepers
9	World Hippopotamus day	15-02-2022	Training on enriching lives of Hippopotamus in captivity	Animal keepers
10	International Polar Bear Day	27-02-2022	Awareness and message about bears for International Polar Bear Day and training on enriching lives of bears in captivity	Animal keepers
11	World Wildlife Day	03-03-2022	Awareness about World Wildlife Day and training on olfactory tactile enrichment for leopards	Animal keepers
12	-	15-03-2022	Diseases and Bio-security protocols	Animal keepers
13	World Forestry day	21-03-2022	Awareness about World Forestry day and the need for conservation of forests	Animal keepers
13	World Water Day	22-03-2022	Water conservation message given to keepers and staff	Animal keepers
14	World Bear Day	23-03-2022	World Bear Day message for keepers	Animal keepers
15	-	24-03-2022	Training on captive biology of large felids	Animal keepers

## **21. Seasonal special arrangements for upkeep of animals**

### **Monsoon Season Plan**

1. Deworming of all animals to be done before monsoon.
2. During monsoon season, maintain night enclosure temperature and humidity.
3. Change diet of individual animals according to extreme cold and heavy rain.
4. Provide extra wooden platform and logs in enclosures.
5. Close observation of cub and older animals.
6. Proper drainage and rectification to avoid water stagnation in and around enclosures.
7. Check the roof water seepage to avoid fungal growth.
8. Provide proper ad-lib drinking water and food during rain.
9. Arrangement of one-week advance storage food during the heavy rainy days and check the quality on daily basis before feeding the animals.
10. Check the water and food sample at every 15-day intervals.
11. Close observation of individual animals particularly during this season.
12. Close behavior observation of all animals.

13. To check and apply sanitization protocol at each enclosure to avoid infection.

### **Summer Season Plan**

1. Provide Foggers system at paddock area to cool effect during extreme hot condition.
2. Provide ad-lib drinking water in enclosure.
3. Night enclosure provide HVAC system for animals to maintain appropriate temperature according the situation.
4. Arrangement of industrial water cooler in stand by position.
5. Deworming of all animals done before summer.
6. To check the water and food samples regularly.
7. Provide sitting platform at paddock area on height to cool effect of air.
8. Add electrolyte powder to drinking water to avoid dehydration of animals.
9. Add supplement in food to avoid dehydration.
10. Change diet of individual animals according to extreme heat condition.

### **22. Research Work carried out and publications**

Nil

### **23. Conservation Breeding Programme of the Zoo**

Nil

### **24. Animal acquisition / transfer / exchange during the year**

Animals arriving in the Zoo				
H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
1	Common Leopard ( <i>Panthera pardus</i> )	2:9	Sakkarbaug Zoo, Junagadh	27-05-2021
2	Green Iguana ( <i>Iguana iguana</i> )	1111 (U)	Maharashtra/Customs Department, Pune	10-06-2022
3	African spurred/Sulcata tortoise ( <i>Geochelone sulcata</i> )	276 (U)	Maharashtra/Customs Department, Pune	10-06-2022
4	Common Leopard ( <i>Panthera pardus</i> )	15:0	Sakkarbaug Zoo, Junagadh	03-07-2021
5	Common Leopard ( <i>Panthera pardus</i> )	9:13	Sakkarbaug Zoo, Junagadh	16-07-2021
6	Siamese Crocodile ( <i>Crocodylus siamensis</i> )	15 (U)	Maharashtra/Forest Department of Maharashtra, Nagpur	27-08-2021
7	Common Leopard ( <i>Panthera pardus</i> )	1:5	Dhauladhar Nature Park, Gopalpur & Rescue & Rehabilitation Centre,	30-09-2021

			Tutikandi; Himachal Pradesh.	
8	Common Leopard ( <i>Panthera pardus</i> )	0:1	Amte's Animal Ark, Maharashtra	04-10-2021
9	Sloth Bear ( <i>Melursus ursinus</i> )	1:2	Amte's Animal Ark	06-10-2021
10	Marsh Crocodile ( <i>Crocodylus palustris</i> )	1:0	PFA Rescue Centre, Wardha	21-11-2021
11	Sloth Bear ( <i>Melursus ursinus</i> )	0:2	Amte's Animal Ark	21-11-2021
12	Rhesus Macaque ( <i>Macaca mulatta</i> )	4:4	Amte's Animal Ark	21-11-2021
13	Sloth Bear ( <i>Melursus ursinus</i> )	2:0	PFA Rescue Centre, Wardha	21-11-2021
14	Rhesus Macaque ( <i>Macaca mulatta</i> )	2:0	PFA Rescue Centre, Wardha	21-11-2021
15	Jungle cat ( <i>Felis chaus</i> )	1:1	PFA Rescue Centre, Wardha	21-11-2021
16	Grey Langur ( <i>Semnopithecus entellus</i> )	0:1	PFA Rescue Centre, Wardha	21-11-2021
17	Asiatic Black Bear ( <i>Ursus thibetanus</i> )	2:2	Dhauladhar Nature Park, Gopalpur	01-12-2021
18	Marsh Crocodile ( <i>Crocodylus palustris</i> )	25:0	Madras Crocodile Bank Trust, Mahabalipuram	01-12-2021
19	Common Leopard ( <i>Panthera pardus</i> )	1:2	Sakkarbaug Zoo, Junagadh	02-12-2021
20	Blackbuck ( <i>Antelope cervicapra</i> )	7 (U)	Sakkarbaug Zoo, Junagadh	02-12-2021
21	Chinkara ( <i>Gazella bennettii</i> )	3 (U)	Sakkarbaug Zoo, Junagadh	02-12-2021
22	Barking Deer ( <i>Muntiacus muntjak</i> )	4 (U)	Sakkarbaug Zoo, Junagadh	02-12-2021
23	Four-Horned Antelope ( <i>Tetracerus quadricornis</i> )	1 (U)	Sakkarbaug Zoo, Junagadh	02-12-2021
24	Marsh Crocodile ( <i>Crocodylus palustris</i> )	25:0	Madras Crocodile Bank Trust, Mahabalipuram	09-12-2021
25	Asiatic Black Bear ( <i>Ursus thibetanus</i> )	10:5	Nagaland Zoological Park, Rangapahar	23-12-2021
26	Common Leopard ( <i>Panthera pardus</i> )	1:1	Nagaland Zoological Park, Rangapahar	23-12-2021
27	Leopard Cat ( <i>Prionailurus bengalensis</i> )	1:1	Nagaland Zoological Park, Rangapahar	23-12-2021
28	Oriental Pied Hornbill ( <i>Anthraceros albirostris</i> )	2:2	Nagaland Zoological Park, Rangapahar	23-12-2021

29	Slow Loris ( <i>Nycticebus bengalensis</i> )	2:1	Nagaland Zoological Park, Rangapahar	23-12-2021
30	Malayan Porcupine ( <i>Hystrix brachyura</i> )	1:1	Nagaland Zoological Park, Rangapahar	23-12-2021
31	Assamese macaque ( <i>Macaca assamensis</i> )	1:1	Nagaland Zoological Park, Rangapahar	23-12-2021
32	Peacock Softshell Turtle ( <i>Nilssonia hurum</i> )	3 (U)	Nagaland Zoological Park, Rangapahar	23-12-2021
33	Asian leaf Turtle ( <i>Cyclemys dentata</i> )	4(U)	Nagaland Zoological Park, Rangapahar	23-12-2021
34	Burmese Python ( <i>Python bivittatus</i> )	1(U)	Nagaland Zoological Park, Rangapahar	23-12-2021
35	Blackbuck ( <i>Antilope cervicapra</i> )	4:6	National Zoological Park, New Delhi	30-12-2022
36	Jackal ( <i>Canis aureus</i> )	2:3	National Zoological Park, New Delhi	30-12-2022
37	Indian fox ( <i>Vulpes bengalensis</i> )	2:2	National Zoological Park, New Delhi	30-12-2022
38	Hippopotamus ( <i>Hippopotamus amphibius</i> )	1:0	National Zoological Park, New Delhi	30-12-2022
39	Painted Stork ( <i>Mycteria leucocephala</i> )	2:4	National Zoological Park, New Delhi	30-12-2022
40	Marsh Crocodile ( <i>Crocodylus palustris</i> )	50:0	Madras Crocodile Bank Trust, Mahabalipuram	01-01-2022
41	Blackbuck ( <i>Antilope cervicapra</i> )	4:6	National Zoological Park, New Delhi	10-01-2022
42	Sangai ( <i>Rucervus eldii</i> )	4:8	National Zoological Park, New Delhi	10-01-2022
43	Nilgai ( <i>Boselaphus tragocamelus</i> )	1:6	National Zoological Park, New Delhi	10-01-2022
44	Sambar ( <i>Rusa unicolor</i> )	5:10	National Zoological Park, New Delhi	10-01-2022
45	Barking Deer ( <i>Muntiacus muntjak</i> )	5:7	National Zoological Park, New Delhi	11-01-2022
46	Hippopotamus ( <i>Hippopotamus amphibius</i> )	1:0	National Zoological Park, New Delhi	11-01-2022
47	Spotted deer ( <i>Axis axis</i> )	8:10	National Zoological Park, New Delhi	11-01-2022
48	Marsh Crocodile ( <i>Crocodylus palustris</i> )	60:0	Madras Crocodile Bank Trust, Mahabalipuram	15-01-2022
49	Marsh Crocodile ( <i>Crocodylus palustris</i> )	67:0	Madras Crocodile Bank Trust, Mahabalipuram	31-01-2022
50	Marsh Crocodile ( <i>Crocodylus palustris</i> )	73:0	Madras Crocodile Bank Trust, Mahabalipuram	10-02-2-22

51	Nilgai ( <i>Boselaphus tragocamelus</i> )	3:0	National Zoological Park, New Delhi	20-03-2022
Animals going from the zoo				
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
-	-	-	-	-

U: Unsexed individuals

**25. Rescue and Rehabilitation of wild animals carried out by the Zoo**

None.

**26. Annual Inventory of animals**

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year :

Endangered Species\*

Endangered Species*																						
S.No.	Animal Name	Scientific name	Opening Stock as on (01-Apr-2021)				Births			Acquisition			Disposal			Death			Closing Stock as on (31-Mar-2022)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Aves																						
1.	Oriental Pied Hornbill	<i>Anthracoceros albirostris</i>	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2	0	4
<b>Total Aves</b>	<b>1</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>4</b>
Mammalia																						
1.	Blackbuck	<i>Antelope cervicapra</i>	0	0	0	0	0	0	8	12	7	0	0	0	0	0	0	0	8	12	7	27
2.	Indian Jackal	<i>Canis aureus indicus</i>	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	2	3	0	5
3.	Jungle Cat	<i>Felis chaus</i>	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2
4.	Chinkara	<i>Gazella bennettii</i>	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	3
5.	Himalayan Porcupine	<i>Hystrix brachyura</i>	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2
6.	Assam macaque	<i>Macaca assamensis</i>	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	2
7.	Rhesus Macaque	<i>Macaca mulatta</i>	0	0	0	0	0	0	6	4	0	0	0	0	0	0	0	0	6	4	0	10
8.	Sloth Bear	<i>Melursus ursinus</i>	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	3	4	0	7
9.	Bengal Slow Loris	<i>Nycticebus bengalensis</i>	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2	1	0	3
10.	Leopard	<i>Panthera pardus</i>	36	32	0	68	11	8	0	29	31	0	0	0	0	0	0	0	76	71	0	147
11.	Leopard Cat	<i>Prionailurus bengalensis</i>	0	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	1	1	3	5
12.	Eld's Deer (Brow-antlered Deer)	<i>Rucervus eldii</i>	0	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	4	8	0	12
13.	Bengal Hanuman langur	<i>Semnopithecus entellus</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1



Endangered Species*																									
S.No.	Animal Name	Scientific name	Opening Stock as on (01-Apr-2021)				Births			Acquisition			Disposal			Death			Closing Stock as on (31-Mar-2022)						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
Aves																									
1.	Painted Stork	<i>Mycteria leucocephala</i>	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	2	4	0	6
<b>Total Aves</b>			<b>1</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>6</b>
Mammalia																									
1.	Chital/ Spotted Deer	<i>Axis axis</i>	0	0	0	0	0	0	0	8	10	0	0	0	0	0	0	0	0	0	0	8	10	0	18
2.	Nilgai	<i>Boselaphus tragocamelus</i>	0	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	4	6	0	10
3.	Common hippopotamus, Hippopotamus, Large Hippo	<i>Hippopotamus amphibius</i>	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
4.	Indian Muntjac	<i>Muntiacus muntjak</i>	0	0	0	0	0	0	0	5	7	4	0	0	0	0	0	0	0	0	0	5	7	4	16
5.	Sambar Deer	<i>Rusa unicolor</i>	0	0	0	0	0	0	0	5	10	0	0	0	0	0	0	0	0	0	0	5	10	0	15
<b>Total Mammalia</b>			<b>5</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>33</b>	<b>4</b>	<b>61</b>
Reptilia																									
1.	Siamese Crocodile	<i>Crocodylus siamensis</i>	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	1	15
2.	Asian Leaf Turtle, Brown stream terrapin	<i>Cyclemys dentata</i>	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	4
3.	African spurred tortoise	<i>Geochelone sulcata</i>	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	68	0	0	2	208
4.	Green Iguana	<i>Iguana iguana</i>	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	9	1	0	2	1020
<b>Total Reptilia</b>			<b>4</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>05</b>	<b>2</b>	<b>2</b>	<b>1247</b>



## 27. Mortality of animals

Sl.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration & Emaciation
2	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Cardiac failure
3	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Circulatory failure
4	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration
5	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Cardiac failure
6	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration & Emaciation
7	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Cardiac failure
8	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration
9	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Cardiac failure
10	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Renal Failure & Dehydration
11	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration
12	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration
13	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Weakness & Dehydration
14	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration
15	Green Iguana	<i>Iguana iguana</i>	unidentified	9-6-2021	Dehydration
16	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Emaciation & Respiratory failure
17	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Dehydration
18	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Dehydration & Emaciation
19	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Respiratory failure
20	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Dehydration

21	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Dehydration
22	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Dehydration & Emaciation
23	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Respiratory failure
24	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Circulatory & Cardiac failure
25	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	9-6-2021	Dehydration & Hypovolemia
26	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Dehydration
27	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Cardiac failure
28	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Dehydration
29	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Dehydration
30	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Dehydration
31	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Dehydration
32	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Respiratory failure
33	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Cardiac arrest
34	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Cardiac failure
35	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Respiratory failure
36	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Dehydration
37	Green Iguana	<i>Iguana iguana</i>	unidentified	10-6-2021	Cardiac pressure
38	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Dehydration
39	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Circulatory failure
40	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Dehydration
41	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Respiratory failure
42	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Circulatory failure
43	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Respiratory failure
44	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Respiratory failure
45	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Respiratory failure
46	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Dehydration
47	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Dehydration

48	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Respiratory failure
49	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Circulatory failure
50	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Respiratory failure
51	Green Iguana	<i>Iguana iguana</i>	unidentified	11-6-2021	Dehydration
52	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Dehydration
53	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Emaciation & Dehydration
54	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Cardiac failure
55	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Dehydration
56	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Cardiac failure
57	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Respiratory failure
58	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Dehydration
59	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Respiratory failure
60	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Dehydration
61	Green Iguana	<i>Iguana iguana</i>	unidentified	12-6-2021	Dehydration & Emaciation
62	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Dehydration & Hypovolemia
63	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Emaciation & Dehydration
64	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Cardiac failure
65	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Dehydration
66	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Pneumonia & asphyxia
67	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Dehydration & circulatory failure
68	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Dehydration & circulatory failure
69	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Cardiac failure
70	Green Iguana	<i>Iguana iguana</i>	unidentified	13-6-2021	Asphyxiation
71	Green Iguana	<i>Iguana iguana</i>	unidentified	14-6-2021	Cardiac failure
72	Green Iguana	<i>Iguana iguana</i>	unidentified	15-6-2021	Emaciation & Dehydration
73	Green Iguana	<i>Iguana iguana</i>	unidentified	16-6-2021	Dehydration & Emaciation
74	Green Iguana	<i>Iguana iguana</i>	unidentified	16-6-2021	Cardiac failure

75	Green Iguana	<i>Iguana iguana</i>	unidentified	16-6-2021	Dehydration & Emaciation
76	Green Iguana	<i>Iguana iguana</i>	unidentified	16-6-2021	Dehydration
77	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-6-2021	Pneumonia & Respiratory failure
78	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-6-2021	Pneumonia & Respiratory failure
79	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	17-6-2021	Respiratory failure
80	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	17-6-2021	Impaction
81	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	17-6-2021	Respiratory failure & asphyxiation
82	Green Iguana	<i>Iguana iguana</i>	unidentified	17-6-2021	Dehydration & Emaciation
83	Green Iguana	<i>Iguana iguana</i>	unidentified	17-6-2021	Respiratory failure
84	Green Iguana	<i>Iguana iguana</i>	unidentified	17-6-2021	Respiratory failure
85	Green Iguana	<i>Iguana iguana</i>	unidentified	17-6-2021	Dehydration
86	Green Iguana	<i>Iguana iguana</i>	unidentified	17-6-2021	Respiratory failure
87	Green Iguana	<i>Iguana iguana</i>	unidentified	17-6-2021	Respiratory failure
88	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	18-6-2021	Dehydration
89	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	18-6-2021	Dehydration
90	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	20-6-2021	Septicemia
91	Green Iguana	<i>Iguana iguana</i>	unidentified	20-6-2021	Respiratory failure
92	Green Iguana	<i>Iguana iguana</i>	unidentified	20-6-2021	Respiratory failure
93	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	21-6-2021	Dehydration
94	Green Iguana	<i>Iguana iguana</i>	unidentified	21-6-2021	Dehydration
95	Green Iguana	<i>Iguana iguana</i>	unidentified	21-6-2021	Peritonitis & Weakness

96	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	22-6-2021	Respiratory distress
97	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	22-6-2021	Respiratory failure
98	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	23-6-2021	Enteritis & Coelomic inflammation
99	Green Iguana	<i>Iguana iguana</i>	unidentified	23-6-2021	Hepatitis & Dehydration
100	Green Iguana	<i>Iguana iguana</i>	unidentified	23-6-2021	Hepatitis & Ascites
101	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	24-6-2021	Hepatitis & Coelomic inflammation
102	Green Iguana	<i>Iguana iguana</i>	unidentified	24-6-2021	Dehydration
103	Green Iguana	<i>Iguana iguana</i>	unidentified	24-6-2021	Hepatitis & Ascites
104	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	25-6-2021	Ascites & Enteritis
105	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	26-6-2021	Pneumonia & Respiratory failure
106	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	26-6-2021	Impaction
107	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	26-6-2021	Respiratory failure
108	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	28-6-2021	Respiratory failure & Asphyxia
109	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	28-6-2021	Hepatitis
110	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	28-6-2021	Pneumonia & Respiratory failure
111	Green Iguana	<i>Iguana iguana</i>	unidentified	29-6-2021	Kidney & Liver dysfunction
112	Green Iguana	<i>Iguana iguana</i>	unidentified	29-6-2021	Liver damage & Emaciation
113	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	30-6-2021	Respiratory failure & Enteritis

114	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	30-6-2021	Respiratory failure & Enteritis
115	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	30-6-2021	Enteritis & Coelomic inflammation
116	Green Iguana	<i>Iguana iguana</i>	unidentified	30-6-2021	Hepatic damage
117	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	01-7-2021	Hepatitis & Circulatory failure
118	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	01-7-2021	Respiratory failure
119	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	01-7-2021	Respiratory failure & Asphyxiation
120	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	01-7-2021	Dehydration & Impaction
121	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	02-7-2021	Dehydration & Impaction
122	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	03-7-2021	Dehydration & Impaction
123	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	04-7-2021	Hepatitis & Circulatory failure
124	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	05-7-2021	Impaction
125	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	07-7-2021	Hepatitis
126	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	08-7-2021	Impaction & Renal failure
127	Green Iguana	<i>Iguana iguana</i>	unidentified	08-7-2021	Hypovolemia due to dehydration
128	Green Iguana	<i>Iguana iguana</i>	unidentified	08-7-2021	Respiratory failure
129	Green Iguana	<i>Iguana iguana</i>	unidentified	08-7-2021	Dehydration
130	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	09-7-2021	Uroliths

131	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	09-7-2021	Renal failure due to Uroliths
132	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	10-7-2021	Hepatic & Renal failure
133	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	10-7-2021	Impaction & Uroliths
134	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	10-7-2021	Impaction
135	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	10-7-2021	Renal failure
136	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	12-7-2021	Renal & Respiratory failure
137	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	12-7-2021	Respiratory failure & Anemia
138	Green Iguana	<i>Iguana iguana</i>	unidentified	12-7-2021	Anoxic anoxia
139	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	13-7-2021	Respiratory & Renal failure
140	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	13-7-2021	Anoxia & Renal failure
141	Green Iguana	<i>Iguana iguana</i>	unidentified	13-7-2021	Circulatory failure & Dehydration
142	Green Iguana	<i>Iguana iguana</i>	unidentified	13-7-2021	Anoxic shock
143	Green Iguana	<i>Iguana iguana</i>	unidentified	13-7-2021	Tracheal chocking
144	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	14-7-2021	Respiratory failure
145	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	14-7-2021	Anemia and Septicemia
146	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	14-7-2021	Respiratory failure & Anemia
147	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	14-7-2021	Respiratory & Renal failure
148	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	15-7-2021	Impaction

149	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	15-7-2021	Impaction & Renal failure
150	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	15-7-2021	Impaction & Renal failure
151	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	15-7-2021	Renal failure
152	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	15-7-2021	Impaction & Renal failure
153	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-7-2021	Impaction
154	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-7-2021	Impaction & Renal failure
155	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-7-2021	Respiratory failure & Renal failure
156	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-7-2021	Impaction & Renal failure
157	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	16-7-2021	Respiratory failure & Renal failure
158	Green Iguana	<i>Iguana iguana</i>	unidentified	07-10-2021	Respiratory failure
159	African spurred tortoise	<i>Geochelone sulcata</i>	unidentified	10-10-2021	Impaction

## 28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1	9 (2.0)	Keeping in view of the available large housing space at the Satellite Rescue Centre of Greens Zoological Rescue & Rehabilitation Centre shall keep up to 52 Nos. of Leopards.	With Immediate Effect	Nil	As approved by the CWLW, Gujarat, currently we are housing 147 (76:71) numbers of leopards.



2	10 (2.2)	The Zoo & Rescue Centre Operator should appoint an Education Officer before the zoo is opened to public.	Once the Zoo is opened, the Zoo Operator should the Education Officer	Nil	As Zoo is not yet opened, the appointment of Education Officer does not arise; however, the GZRRC will appoint Education Officer once we open the Zoo
3	10 (3.1)	A master plan for the long-term development of the Zoo & Rescue Centre should be prepared and submitted to CZA for its approval.	One year	1 year	The Master Plan document will be submitted soon.
4	10 (3.51)	The rescued animals to be housed at Rescue Centre should have prior approval from the CWLW, Gujarat.	With Immediate Effect	Nil	Complied. Approvals have been obtained for all the Leopards from CWLW, Gujarat.
5	10 (5.1h)	Provision of footbath of adequate size with proper disinfectant at entry and exit points of animal house should be provided.	With Immediate Effect	Nil	Complied. Every enclosures entry and exit points have been provided with foot bath of adequate size with proper disinfectant.
6	10 (5.1i)	Indoor exhibits should have provision of ventilation in case the failure of air cooling system	With Immediate Effect	Nil	Complied. At GZRRC we have made arrangements to keep the door open always connecting the night house to the paddock. We also have placed door with grill at all animal night houses, which allows good air circulation
7	10 (5.2)3	The Rescue Centre should have appropriate storage	With Immediate Effect	Nil	Complied The GZRRC has built a deep freezer room, where we are

		for meat, in case there is law and order problem in the city or pandemics like COVID-19.			able to maintain -70 degree Celsius of temperature and with the capacity to store approximately 2000 kg of meat. The meat is stored presently as per the facility requirement.
8	10 (5.2)6	The Zoo/Rescue Centre Operator should take up the random food and water samples being tested periodically for microbiological, toxicological and any other contaminants at recognized laboratory	Six months	Nil	Complied At GZRRC, random food and water samples are being tested periodically for microbiological, toxicological and any other contaminants.
9	10 (5.3) 3	All animal arriving at the Rescue Centre should be screened for parasitic loads as per written schedule prepared by the veterinary officer and prophylactic medicines administered as per clinical requirements and vaccination of animals against infectious diseases are done, as per the schedule prescribed by the Veterinary Officer	One year	Nil	Complied All animals housed at the Rescue Centre are screened for parasitic load as of prescribed by the Veterinary Officer
10	10 (5.3) 4	The Zoo/Rescue Centre should have written schedule of vaccination and de-worming of	With Immediate Effect	Nil	Complied The Satellite facility has written schedule of vaccination and de-worming of the animals housed.

		different species of the zoo animals and displayed at the enclosure site.			
11	10 (5.3) 5	The Veterinary Officer at the Zoo/ Rescue Centre should maintain detailed records of observations of biological and social behaviour and health status of the animals including feed intake, medication and treatment provided in the keeper's diary, daily reports, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority.	With Immediate Effect	Nil	Complied Detailed records of observations of biological and social behaviour and health status of the animals including feed intake, medication and treatment maintained in the keeper's diary, daily reports, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority.
12	10(5.3) 6	Are all staff involved with upkeep and healthcare of zoo animals screened against zoonotic diseases once every year and those found positive to any communicable disease are provided appropriate treatment till they get cured and become free of the infection and during the period of such treatment, the infected	With Immediate Effect	Nil	Complied All staff involved with upkeep and healthcare of Rescue Centre. Animals screened against zoonotic diseases and their records are to be maintained.

		employees are kept away from the responsibility of upkeep and healthcare of the animals			
13.	10 (5.3)8 10 (6.4)	The Zoo/Rescue Centre should have formal linkages through a MoU on healthcare, preventive, health management, surgical interventions, clinical tests, disease diagnosis and consultation in treatment and management during the period of convalescence, with some Veterinary University/Institution	One Year	Nil	The Rescue Centre has initiated the process for formal linkage with a group of Veterinarians on health management.
14	10 (6.2) 1	The Zoo/Rescue Centre should have appropriate animal restraint equipment, accessories and drugs.	With Immediate Effect	Nil	Complied The facility has following animal restraining equipment: <ul style="list-style-type: none"> <li>• Pneu-dart X-Caliber Gauged CO2 syringe projector</li> <li>• Pneu-dart X-Caliber Gauged CO2 projector</li> <li>• Dan Inject Co2 syringe projector DK 2021 11597JM</li> <li>• Dan Inject JM model single barrel</li> <li>• Pneu-dart G2 X-Caliber • Dan inject 12 mm blow pipe</li> </ul>
15	10 (6.3)	The Zoo/Rescue Centre should appoint support staff (Lab Assistant & Compounder) as specified	Three Months	Nil	The Rescue Centre has initiated the process of the appointment of the support staff (Lab Assistant & Compounder).

		by the CZA.			
16	10 (8.1)	The Zoo/Rescue Centre should not euthanize any animal unless doing so is essential for relieving from suffering from incurable disease /condition as per the norms of CZA.	With Immediate Effect	Nil	Noted, no animals has been euthanized so far at the GZRRC.

## 29. List of free-living wild animals within the zoo premises

S. No.	Common Name	Scientific Name	Status in the Wild Life (Protection) Act, 1972
	<b>Mammals</b>		
1	Indian Grey Mongoose	<i>Herpestes edwardsii</i>	Schedule II
2	Indian Palm squirrel	<i>Funambulus palmarum</i>	Schedule IV
3	Indian Porcupine	<i>Hystrix indica</i>	Schedule III
4	Nilgai	<i>Boselaphus tragocamelus</i>	Schedule III
5	Black naped hare	<i>Lepus nigricollis</i>	Schedule IV
6	Wild Boar	<i>Sus scrofa cristatus</i>	Schedule III
7	Golden Jackal	<i>Canis aureus</i>	Schedule II
	<b>Birds</b>		
1	Asian koel	<i>Eudynamys scolopaceus</i>	Schedule IV
2	Asian Palm Swift	<i>Cypsiurus balasiensis</i>	Schedule IV
3	Black Drongo	<i>Dicrurus macrocercus</i>	Schedule IV
4	Black Ibis	<i>Pseudibis papillosa</i>	Schedule IV
5	Black Kite	<i>Milvus migrans</i>	Schedule IV
6	Black winged stilt	<i>Himantopus himantopus</i>	Schedule IV
7	Blue-tailed Bee-eater	<i>Merops philippinus</i>	Schedule IV
8	Cattle Egret	<i>Bubulcus ibis</i>	Schedule IV

9	Comb duck	<i>Sarkidiornis melanotos</i>	Schedule IV
10	Common Babbler	<i>Turdoides caudatus</i>	Schedule IV
11	Common Crow	<i>Corvus splendens</i>	Schedule V
12	Common Kingfisher	<i>Alcedo atthis</i>	Schedule IV
13	Common Myna	<i>Acridotheres tristis</i>	Schedule IV
14	Common Sand Piper	<i>Actitis hypoleucas</i>	Schedule IV
15	Common Swift	<i>Apus apus</i>	Schedule IV
16	Green bee eater	<i>Merops orientalis</i>	Schedule IV
17	Grey heron	<i>Ardea cinerea</i>	Schedule IV
18	House Sparrow	<i>Passer domesticus</i>	Schedule IV
19	Indian bush lark	<i>Mirafra erythroptera</i>	Schedule IV
20	Indian cormorant	<i>Phalacrocorax fuscicollis</i>	Schedule IV
21	Indian Peafowl	<i>Pavo cristatus</i>	Schedule I
22	Indian Pond Heron	<i>Ardeola grayii</i>	Schedule IV
23	Indian Robin	<i>Saxicoloides fulicata</i>	Schedule IV
24	Indian Roller	<i>Coracias benghalensis</i>	Schedule IV
25	Painted stork	<i>Mycteria leucocephala</i>	Schedule IV
26	Pigeon	<i>Columba livia</i>	Schedule IV
27	Purple-rumped Sunbird	<i>Nectarinia zeylonica</i>	Schedule IV
28	Red Wattled Lawping	<i>Vanellus indicus</i>	Schedule IV
29	Red-vented Bulbul	<i>Pycnonotus cafer</i>	Schedule IV
30	Rock Bush Quail	<i>Perdicula argoondah</i>	Schedule IV
31	Rosy pelican	<i>Pelecanus onocrotalus</i>	Schedule IV
32	Rose Ringed Parakeet	<i>Psittacula krameri</i>	Schedule IV
33	Rufus treepie	<i>Dendrocitta vagabunda</i>	Schedule IV
34	Shikra	<i>Accipiter badius</i>	Schedule I
35	Spot billed duck	<i>Anas poecilorhyncha</i>	Schedule IV
36	Spotted Dove	<i>Streptopelia chinensis</i>	Schedule IV
37	Western reef egret	<i>Egretta gularis</i>	Schedule IV

38	White bellied swiftlet	<i>Collocalia esculenta</i>	Schedule IV
39	White Wagtail	<i>Motacilla alba</i>	Schedule IV
40	Yellow-wattled Lapwing	<i>Vanellus malarbaricus</i>	Schedule IV
	<b>Reptiles</b>		
1	Common Krait	<i>Bungarus caeruleus</i>	Schedule IV
2	Common skink	<i>Mabuya carinata</i>	-
3	Garden lizard	<i>Calotes versicolor</i>	-
4	Rat snake	<i>Ptyas mucosus</i>	Schedule II
5	Russell's Viper	<i>Vipera russelli</i>	Schedule II
6	Spectacled cobra	<i>Naja naja</i>	Schedule II
7	Saw scaled viper	<i>Echis carinatus</i>	Schedule IV
8	Common cat snake	<i>Boiga trigonata</i>	Schedule IV
	<b>Amphibians</b>		
1	Common Indian toad	<i>Bufo melanostictus</i>	Schedule IV
2	Common Frog	<i>Hoplobatrachus tigrinus</i>	Schedule IV
	<b>Butterflies</b>		
1	Blue tiger	<i>Tirumala limniacae</i>	-
2	Common grass dart	<i>Taractrocera maevius</i>	-
3	Common Mormon	<i>Papilio polytes</i>	-
4	Common sailor	<i>Neptis hylas</i>	-
5	Lemon pansy	<i>Junonia lemonias</i>	-
6	Yellow pansy	<i>Junonia hierta</i>	-
7	Damselflies		
8	Common Club tail -	<i>Ictinogomphus rapax</i>	-
9	Ground Skimmer	<i>Diplacodes trivialis</i>	-
10	Wandering Glider	<i>Pantala flavescens</i>	-
	<b>Dragonflies</b>		
1	Golden dartlet	<i>Ischnura aurora</i>	-
2	Yellow bush dart	<i>Copera marginipes</i>	-

