



Sakkarbaug Zoological Park

ANNUAL REPORT 2022-23

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Report of Office In-charge

Sakkarbaug Zoological Park (SBZP) is one of the oldest zoo in the country. It was established by the then Nawab of Junagadh in 1863. It has been categorized as a large zoo as per the Recognition of Zoo Rules 2009. SBZP extends over about 84 hectares of land on the foothills of Mount Girnar in Junagadh city. Presently the zoo is looking after and managing 821 Wild fauna of 98 species in which are 428 mammals, 313 birds, 80 reptiles. Sakkarbaug Zoological Park aims to complement and strengthen the conservation efforts of wild fauna in Gujarat and re-inforce National efforts in preservation of the country's biodiversity. SBZP also aims at exhibiting wild animals for purposes of conservation, education, research and recreation.

The vision of zoo is to complement ex-situ conservation of endangered wild animals and to contribute to raise awareness in masses to strengthen conservation of wildlife in particular and biodiversity as well environment in general. Well planned and appropriately designed ecosystem based zoos can sensitize visitors to the dangers of a hostile or indifferent attitude towards nature. The zoo has been the main source of genetically pure Asiatic Lions for the captive collection of zoos. Since the last 50 years, more than 250 Asiatic lions have been sent to different zoos across the country and abroad. The budget is utilized for every aspect of the conservation breeding programme of various endangered species, wildlife care, research, training and wildlife awareness camps.

The mission is to provide better up keep and better veterinary care to the animals and to create a centre of excellence for the visitors by providing an opportunity of better understanding of the animal world with education and re-creation. SBZP also serves the purpose of referral centre for veterinary care in addition to providing rescue facilities for the wild animals. The Zoo witnessed record footfall on some special days. Seminars and various events were conducted on World Forest Day, World Environment Day, Wild life Week, World Wild life Day, World Lion Day, World Sparrow Day, World Vulture Day etc. During the present reporting years Zoo has enhanced its infrastructure by adding Incinerator house, Quarantine Section, Additional enclosure for Vultures, Wolves etc. I am hopeful that in coming years these facilities will further enhanced the success of captive breeding and welfare of animals housed.

I sincerely convey my gratitude to Shri Shyamal Tikadar, IFS, Principal Chief Conservator of Forests, Wildlife and Chief Wildlife Warden, Gujarat State, Gandhinagar & Shree Aradhna Shahu IFS, Chief Conservator of Forests, Wildlife Circle, Junagadh, Dr.S.P.Yadav, IFS, Member Secretary, Central Zoo Authority of India, New Delhi for their valuable guidance and continuous encouragement. I express my sincere thanks to all my staff Shree Niravkumar Makvana, Assistant Director & Curator, Dr. R.F. Kadivar, Veterinary Officer, Mahek Raval, Biologist, Shri Bharat P. Bamaniya, Storekeeper had contributed in the preparation of this report. I also thankful total zoo personnel and wish them a bright future and improvement.

Dr. Abhishek kumar I.F.S.
Director,
Sakkarbaug Zoological Park,
Junagadh.

History of the Zoo

The zoo was established in 1863, by the then Nawab of Junagadh, Mohabatkhanji Babi- II. The place of the zoo was named as Sakkarbaug, because it was a private garden of the Nawab, having a step well with sweet potable water. Initially, the zoo had a personal collection of animals of Nawab, which included Asiatic Lions, African Lions, Tigers, Cheetahs, Leopards, Ratel, etc. These animals were taken out as a procession in the town of Junagadh on some auspicious days like Eid for the purpose of display. Later on it was managed by Education department of the state Government before taking over by the State Forest Department in 1960. Earlier, the area of the zoo was only 6 ha. Later on, 78 ha. of land of Reserve Forest, undermining lease was handed over to the zoo following strong protest by the local NGOs coordinated by the then Zoo Officer, Late Shri P.P.Rawal. Another 2 ha. land was allotted from the adjoining Fruit Trees Research Centre of Junagadh Agriculture University. It is one of the oldest and largest zoos of India. It is one of the oldest and largest zoos of India

Vision:

To complement ex-situ conservation of endangered wild animals and to contribute to raise awareness in masses to strengthen conservation of wild life in particular and bio diversity as well environment in general.

Mission:

To provide better up keep and better veterinary care to the animals and to create a centre of excellence for the visitors by providing an opportunity of better understanding of the animal world with education and recreation.

Objectives:

The National Zoo Policy states:

“THE MAIN OBJECTIVE OF THE ZOO SHALL BE TO COMPLEMENT AND STRENGTHEN THE NATIONAL EFFORTS IN CONSERVATION AND STRENGTHEN THE NATIONAL EFFORTS IN CONSERVATION OF THE RICH BIODIVERSITY OF THE COUNTRY, PARTICULARLY THE FAUNA.”

Thus have following objectives:

- Conservation: To conserve and preserve wild fauna by improving and enhancing the Captive Breeding Programme of selected endangered species.
- Education: To educate and aware the visitors about importance of biodiversity and its conservation and to raise awareness about protecting the environment.
- Research and Training: To facilitate research and training in the field of conservation of wildlife, its captive management and veterinary care of wild animals.
- Recreation: To entertain the visitors with the rich collection of flora and fauna and other amenities.

About Us

Sr.No.	Particulars	Information
1	Name of the Zoo :	SAKKARBAUG ZOOLOGICAL PARK
2	Year of Establishment :	1863
3	Address of the Zoo :	RAJKOT HIGHWAY, OUTSIDE MAJEVADI GATE, JUNAGADH-362001 (GUJARAT)
4	State :	GUJARAT
5	Telephone Number :	0285-2660235
6	Fax Number :	0285-2660236
7	E-mail address :	directorsbz@rediffmail.com directorsbz@gmail.com
8	Website :	--
9	Distance from nearest :	Airport: Rajkot - 110 km Railway Station: 3 km Bus Stand: 5 km
10	Recognition Valid upto (Date) :	
11	Category of zoo :	Large Zoo
12	Area (in Hectares) :	84 Ha.
13	Number of Visitors (Financial Year) :	Total Indian : 1215959 Total Foreigners : 0 Total Visitors : 1215959
14	Visitors' Facilities Available in Zoo :	Drinking Water, Rest Huts, Toilets, Canteen, Souvenir Shop, Wheel Chair, Pram, Clock Room, Garden.
15	Weekly Closure Day of the Zoo :	Wednesday

Management Personnel of the zoo

Name with designation of the Officer in-charge :	Dr.Abhishek kumar I.F.S. Director, Sakkarbaug Zoological Park, Junagadh
Name of the Curator:	Shri Niravkumar Makwana S.F.S. Assistant Director & Curator, Sakkarbaug Zoological Park, Junagadh
Name of the Veterinary Officer:	Dr.R.F. Kadivar Veterinary Officer, Sakkarbaug Zoological Park, Junagadh
Name of the Biologist :	Mahek Raval, Biologist, Sakkarbaug Zoological Park, Junagadh.

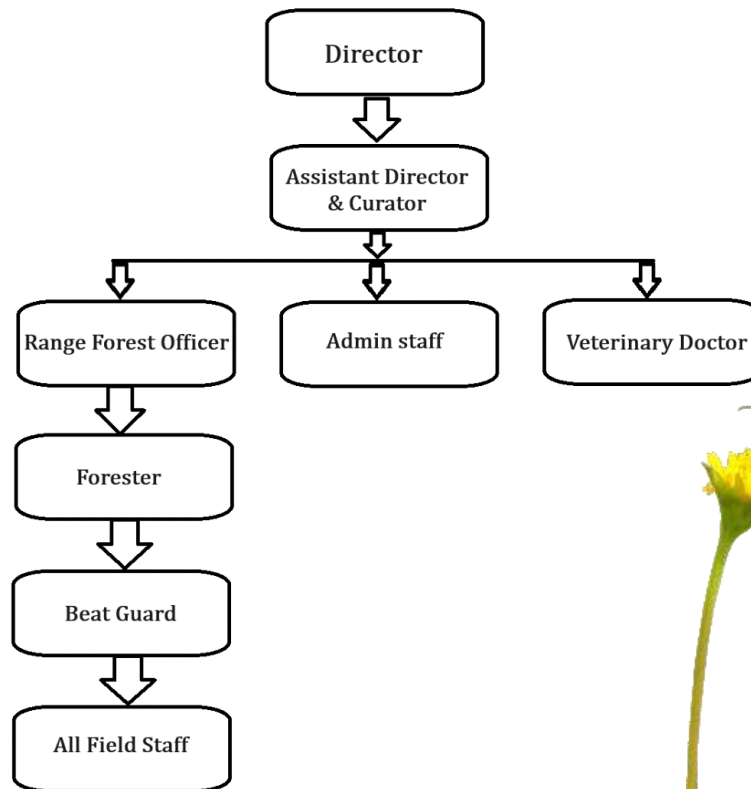
Owner / Operator of the Zoo
<p>Shri. Arunkumar Solanki, IAS Additional Chief Secretary. Forests & Environment, Gujarat.</p> <p>Contact Details/Phone number of operator: Forests & Environment Department, Block 14, 8th floor, Gandhinagar 079-23251051/23251053 e-mail :</p>

* Rule 2(m) of the Recognition of Zoo Rules, 2009.

“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that _____

- I.** In the case of a firm or other association of individuals, any one of the individual partners or members thereof; or
- II.** In the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or
- III.** In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

Organizational chart



Human Resource

Manpower of the Zoo

Sr. No.	Post	Sanction Post	Filled Post	Vacant Post
1	Director	1	1	0
2	Assistant Director & Curator	1	0	1
3	Range Forest Officer	1	1	0
4	Veterinary Officer	2	1	1
5	Forester	2	2	0
6	Accountant Group-1	1	0	1
7	Accountant	1	1	0
8	Storekeeper cum Supervisor	1	0	1
9	Clerk	3	0	3
10	Bagvan cum Mechanic	1	0	1
11	Driver	1	0	1
12	Forest Guard	5	0	5
13	Zoo Nayak	1	1	1
14	Peon	1	0	1
15	Gardner	1	0	1
16	Watchman	16	5	11
17	Sweeper	4	0	4

SBZMAS Society staff				
Sr.No.	Post	Sanction Post	Filled Post	Vacant Post
1	Veterinary officer	3	3	0
2	Zoo Biologist	2	2	0
3	Stock man / Compounder	6	6	0
4	lab technician	2	2	0
5	Store keeper	1	1	0
6	Education Officer	1	1	0
7	Data entry operator	4	4	0
8	Zoo Security supervisor	2	2	0
9	Driver	4	4	0
10	Zoo Security asst.	11	11	0
11	Zoo Field worker	39	39	0
12	Account asst.	1	1	0
13	Gun man (Zoo Security armed guard)	2	2	0

Training Programme

Sr.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Veterinary internship	Training	15 days	Junagadh veterinary collage.

Zoo Advisory committee (Proposed)

- a. Date of constitution : 01-04-2018
- b. Member :
- (1) Chief Conservator of Forests, Wildlife Circle, Junagadh – **Chairman**
 - (2) Director, Sakkarbaug Zoological Park, Junagadh – **Member Secretary**
 - (3) Dy. Conservator of Forests, Gir (West), Junagadh – **Member**
 - (4) Dy. Conservator of Forests, SasanGir– **Member**
 - (5) Dy. Conservator of Forests, Morbi – **Member**
 - (6) **Assistant Director & Curator, SBZP, Junagadh – Member**
- c. Dates on which meeting held during the year : yearly

Health Advisory Committee (Proposed)

- a. Date of constitution: 01-04-2018
- b. Member:
- (1) **Director, Sakkarbaug Zoological Park, Junagadh – Chairman**
 - (2) **Veterinary Officer, SBZP, Junagadh – Member Secretary**
 - (3) **Assistant Director & Curator, SBZP, Junagadh – Member**
 - (4) **Dean, Veterinary Collage, JAU, Junagadh – Member**
 - (5) **Dy. Director, Animal Husbandry, Junagadh – Member**
 - (6) **Professor & Head, Dept. of Veterinary Pathology, Microbiology & Medicine, JAU, Junagadh – Member**

Dates on which meeting held during the year : Quarterly

Statement of income and expenditure of the Zoo (2022-23)

Sr. No.	TOTAL INCOME		EXPENDITURE	
	STATE	SBZMAS	STATE	SBZMAS
1	1508.81	34213701	1463.41	27805936/33



Daily feed Schedule of animals:

Sr. No.	Feed	Quantity per day	Cost in Rupees
1	Mixed Vegetables	90	3330
2	Fruits	97	3934
3	Bread	4	100
4	Pulses & Cereals	110.5	4,940
5	Eggs	75	375
6	Meat (Carabeef, Veal, Fish, Chicken)	667	85,834
7	Green fodder (Lucerne + Maize)	1850	8593
8	Amul Nutrich feed pellets	75	1875
9	Milk	32	704

Species wise feed schedule of animal in the zoo.

Sr. No.	Birds	Details of Diet/ animal	Daily/Weekly
1	Peafowl	Mixed Fruits 60 gm, Palak or green leaves. 50 gms, Jawar and Bajara 100 gms, Poultry feed 200 gms, Minced meat 30 gms, Bread 25 gms	Daily/Weekly
2	Spoonbill White	<i>Fish 100 gm</i>	Daily
3	Peafowl (White)	<i>Mixed Fruits 60 gm, Palak or green leaves. 50 gms Jawar and Bajara 100 gms, Poultry feed 200 gms Minced meat 30 gms, Bread 25 gms</i>	Daily
4	White rumped vulture	<i>Calf Meat 1.5 kg</i>	Alternate day
5	Indian vulture	<i>Calf Meat 1.5 kg</i>	Alternate day
6	Eurasian griffon	<i>Calf Meat 1.5 kg</i>	Alternate day
7	Himaliyan griffon	<i>Calf Meat 1.5 kg</i>	Alternate day
8	King Vulture	<i>Calf Meat 1.5 kg</i>	Alternate day
9	Kalij pheasant	<i>Poultry feed 25 gms, Jawar 30-40 gms, Bajara 20-30 gms, Maize + gram 30 gms, Green leaves (Palak + Coriander) 20-40 gms, Gralic 5 gms, Bread 10 gms, Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
10	Red Jungle Fowl	<i>Poultry feed 25 gms Jawar 30-40 gms Bajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gms Gralic 5 gms Vegetables 50 gms Mixed fruits 25 gms</i>	Daily
11	Shikra	<i>Chicken 150 gms</i>	

12	Budgeriger	(Rala) Kang 10-15 gmsPalak Few leaves Bajara, Maize & Pea Mixture 30 gms	Daily
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Sr. No.	Birds	Details of Diet/ animal	Daily/ Weekly
13	Cockatiel	Carrot 10 gm Groundnut 20 gm Maize 20 gm Peas/Mung 30 gm Papaya + Banana 20gm Guava + Apple 30 gm Sun flower seed 25 gm	Daily
14	Crane Demoiselle	Crain mixture. 100-150 gms (Jawar) 40 % (Peddy) Dangar 40 % (Grams) Chana 20 % Fish 100 gms	Daily
15	Common crane		
16	Emu	Palak + Kothmir 300 gms Seasonal Fruits 100 gm Green grams 500 gms Mung 30 gm Juwar 50 gms Emu Feed palates 500 gms	Daily
17	Flamingo (Greater)	Flamingo's mixture (Bajara 70 %Rala(Kang) 20% Zinga powder10%) 400 gm	Daily
18	Ibis (Oriental White)	Fish 100 gm	Daily
19	Peach faced Love Birds	(Rala) Kang 10-15 gmsPalak Few leaves Bajara, Maize & Pea Mixture 50-60 gms	Daily
20	Fishers love birds		
21	Blossom Headed Parakeet	Papaya 50 gm Chilli 2 gm Carrot 25 gm Guava 50 gm Groundnut 25 gm Maize 25 gm Peas/Mung 50 gm Sunflower seed 20 gm	Daily
22	Parakeet Rose ringed		
23	Pelican Rosy	Fish 400 gm	Daily
24	Pheasant Silver	Poultry feed 25 gmsJawar 30-40 gmsBajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gmsGralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms	Daily
25	Pheasant Golden		
26	Stork Painted	Fish 200 gm	Daily
27	Red breasted parakeet	Papaya 50 gm Chilli 2 gm Carrot 25 gm Guava 50 gm Groundnut 25 gm Maize 25 gm Peas/Mung 50 gm	
28	Barn Owl	Chicken 150 gms	Daily
29	Alexandrine parakeet	Papaya 50 gm Chilli 2 gm Carrot 25 gm Guava 50 gm Groundnut 25 gm Maize 25 gm Peas/Mung 50 gm	Daily
30	Black headed seagull	Fish100 gm	Daily
31	Eagle (Kite)	chicken 100 gms	Daily
32	Ring necked pheasant	Poultry feed 25 gmsJawar 30-40 gmsBajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gmsGralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms	Daily
33	Marsh Harrier	Chicken 100 gms	Daily
34	Brahminy kite	Chicken100 gm	Daily
Sr. No.	Birds	Details of Diet/ animal	Daily/ Weekly

35	Red Munia	<i>Munias mixture. 10-15 gms (Ragee) 33 % (Rala) 33 % (Bajara) 34 % Green leaves (Palak) 10 Gms</i>	Daily
36	Dusky Lory	<i>Mix grains 20 gm mix fruits 15 gm Mix vegetable 15 gms</i>	Daily
37	White Cockatoo	<i>Carrot 50 gm Groundnut 50 gm Maize 50 gm Peas/Mung 100 gm Chili 5 gm Papaya + Banana 100 gm Guava + Apple 100 gm Sun flower seed 25 gm</i>	Daily
38	Lady Amherst's Pheasant	<i>Poultry feed 25 gms Wheat 30-40 gmsJawar 30-40 gmsBajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gmsGralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
39	African Grey Parrot	<i>Mixed Fruits 60 gm Palak or green leaves. 50 gmsJawar, Maize, Bajara 100 gms Bread 25 gms</i>	Daily
40	Indian pied hornbil	<i>Papaya 50 gms Apple 50 gms</i>	Daily
41	Zebra Finch	<i>(Rala) Kang 10-15 gmsPalak Few leaves Bajara, Maize & Pea Mixture 50-60 gms</i>	Daily
42	Green pheasant	<i>Poultry feed 25 gmsJawar 30-40 gmsBajara 20-30 gms Maize + gram 30 gms Green leaves (Palak + Coriander) 20-40 gmsGralic 5 gms Bread 10 gms Vegetables 75 gms Mixed fruits 25 gms</i>	Daily
43	Ostrich	<i>Ostrich mash feed 3 kg Soaked Bengal gram 500 gms Cabbage 200 gmsPalak(Spinuch)+Kothmir(Coriander 400 gms Carrots 300 gms Watermelon/Kharek 400 gms.</i>	Daily
44	Blue and yellow Macaw	<i>Carrot 50 gm Groundnut 50 gm Maize 50 gm Peas/Mung 100 gm Chili 5 gm Papaya + Banana 100 gm Guava + Apple 100 gm Sun flower seed 25 gm</i>	Daily
45	Sun Conure	<i>Mixed grains 10 gms Mixed fruits 10 gms</i>	Daily
46	Spot billed duck	<i>Duck mixture Bajara 35% Juvar 5% Fishmeal 8 % Mineral mixture 3 % Peddy 10 % Sun flower 4 % 100-200 gm</i>	Daily
47	Ibis (Black)	<i>Fish 100 gm</i>	Daily
48	Rudy shelduck	<i>Duck mixture Bajara 35% Juvar 5% Maize 30 % Fishmeal 8 % Mineral mixture 3 % Peddy 10 % Sun flower 4 % 100-200 gm</i>	Daily
49	Bonelli's eagle	<i>Chicken 300 gm</i>	Daily
50	Steppe Eagle	<i>chicken 500 gm</i>	Daily
Sr. No.	Birds	Details of Diet/ animal	Daily/ Weekly
51	Sarus Crane	<i>Crain mixture. 100-150 gms (Jawar) 40 % (Peddy) Dangar 40 % (Grams) Chana 20 % Fish 200 gms</i>	Daily
52	Black Swan	<i>Vegetable 300 gm Soya 5 gm Lucern 150 gm Mixed grains 200 gm Poultry 100 gm</i>	Daily
53	Eclectus Parakeet	<i>Peanut 20 gm Mixed fruits 50 gm sunflower seed 50 gm</i>	Daily

54	Sulphar crested cockatoo	<i>Peanut 20 gm Mixed fruits 50 gm sunflower seed 50 gm</i>	Daily
55	Amazon parrot	<i>Peanut 20 gm Mixed fruits 50 gm sunflower seed 50 gm</i>	Daily
56	Rainbow lorikeet	<i>Peanut 20 gm Mixed fruits 35 gm sunflower seed 30 gm</i>	Daily

Sr. No.	Mammals	Details of Diet/ animal	Daily / Weekly
1	Four horned antelope	<i>Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
2	Indian Wolf	<i>Buffalo Meat 1 kg Chicken 1 kg Canine Buiscite 100 gm</i>	Daily
3	Bear Sloth	<i>Bread 1.5 to 2.0 kg Milk 500 ml Banana 1 piece Potato 1 kg Carrot 250 gm Guava 1 kg Honey 100 ml</i>	Daily
4	Black buck	<i>Green maize/juwar 4 kg Green Lucern 2 kg</i>	Daily
5	Black buck (White)	<i>Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
6	Chinkara	<i>Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
7	Wild Ass	<i>Green maize/juwar 16kg Green Lucern 8 kg Concentrate palletes 500 gm Soaked grams 800 gm</i>	Daily
8	Jackal	<i>Buffalo Meat 1 kg</i>	Daily
9	Swamp deer	<i>Green Fodder (Maize/Juvar + Lucerne) 15 kg Dry fodder (G,nut hay) 3 kg Chana 500 gm Concentrate Palletes 500 gms</i>	Daily
10	Leopard	<i>Buffalo meat 3 kg</i>	Daily
11	Indian Lion	<i>Buffalo meat 6-10 kg, Lion cub below 6 months: calf meat 1-2 kg</i>	Daily
12	Macaque Bonnet	<i>Banana Two pieces Tomato 25 gm Onion 25 gm Green leaves (palak + coriander) 50 gm Potato 0 gm Carrots `100 gm Guava /Apple/cheeku 150 gm bread</i>	Daily
13	Resus Monkey	<i>100 gm Chana 50 gm</i>	

Sr. No.	Mammals	Details of Diet/ animal	Daily / Weekly
14	Tiger Bengal	<i>Buffalo meat 6-10 kg</i>	Daily
15	Tiger (White)		
16	Thamin deer	<i>Green Fodder (Maize/Juvar + Lucerne) 10 kg Chana 300 gm Concentrate Palletes 300 gms</i>	Daily
17	African Cheetah	<i>Chicken 2 kg</i>	Daily
18	Indian bison	<i>Green Maize 45 kg Green Lucern 20 kg Dry G.Nut hay 3 kg Concentrate Palletes 2.5 kg</i>	Daily
19	Malabar giant squirrel	<i>Mixed fruit 50 gm Mixed vegetable 50 gm Bread 1 slice</i>	Daily
20	Nilgiri langur	<i>Banana Two pieces Tomato 25 gm Onion 25 gm Green leaves (palak + coriander) 50 gm Potato 100 gm Carrots `100 gm Guava /Apple/cheeku 150 gm bread 100 gm Chana 50 gm Boiled egg 2 Gound nut 25 gm Boiled rice 30 gm</i>	Daily
21	Indian palm civet cat	<i>Beef with bone 300 gms Banana 2 nos. Milk 50 ml Bread slice 2 nos.</i>	Daily
22	Small Indian Civet		Daily
23	Jungle Cat	<i>Chicken 500 gm</i>	Daily
24	Mouse Deer	<i>Green leave 50 gm Horse gram 50 gm Mixed Vegetable 50 gm Mixed fruit 50 gm</i>	Daily
25	Red Necked Wallaby	<i>Dried lucern 200 gms, carrot 50 gm, corn 50 gm, Palak / Kothmir 100 gm, Beet root 50 g, Apple 50 gm concentrate palletes 100 gm fresh grass ad. Lib.</i>	Daily
26	African Caracal	<i>Chicken 800 gm Buffalo meat 800 gm</i>	Daily
27	Deer Barking	<i>Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200gm Soaked grams 200 gm</i>	Daily
28	Deer Hog	<i>Green maize/juwar 4kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm</i>	Daily
29	Deer Sambar *	<i>Green Fodder (Maize/Juvar + Lucerne) 15 kg Dry fodder (G,nut hay) 3 kg Chana 500 gm Concentrate Palletes 500 gms</i>	Daily
30	Deer Spotted	<i>Green maize/juwar 5 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200gm</i>	Daily
31	Hyena Striped	<i>Buffalo meat 2.5 kg</i>	Daily
33	Porcupine (Indian)	<i>Potato 150 gms Cabbage 200 gm Carrot 100 gm Bringle 200 gm Dudhi 200 gm Cucumber 150 gm</i>	Daily
34	Porcupine (White)		
35	Hippopotamus	<i>Green Maize 60 kg Green Lucern 40 kg Concentrate Palletes 3.5 kg Potato 4 kg Carrot 6 kg Banana 5 kg 60 kg</i>	Daily

Sr. No.	Mammals	Details of Diet/ animal	Daily / Weekly
36	Common Marmoset	Bread 30 gms Seasonal fruits 25 gms Bengal gram 5 gms Apple 25 gms Banana 20 gms Grapes 10 gms Orange 20 gms Green gram 5 gms Papaya 5 gms Eggs 20 gms Nestum rice 5 gms	Daily
37	Goral	Green maize/juwar 3 kg Green Lucern 1.5 kg Concentrate palletes 200 gm Soaked grams 200 gm	Daily

Sr. No.	Reptiles / Others	Details of Diet/ animal	Daily / Weekly
1	King Cobra	Rat snake 1	Weekly
2	Cobra Indian	Rat / frog	Weekly
3	Common Krait	Small snake	Weekly
4	Crocodile (Gharial)	Fish 3 kg	Weekly
5	Crocodile (Marsh)	Buffalo Meat 3 kg	Weekly
6	Indian Python	Rabbit / Chicken live 1	Weekly
7	Snake keelback Striped	Mice / Lizzard 1	Weekly
8	Viper Russel's	Rat / Frog	Weekly
9	Snake Rat (Dhaman)	Rat / Frog	Weekly
10	Common sand boa	Rat / Frog	Weekly
11	Red sand boa	Rat / Frog	Weekly
12	Tortoise indian star	Mix vegetable 200 gm	Weekly
13	Black turtule	Turtle food 100 gm	Weekly
14	Red eared terrapin	Turtle food 100 gm	Weekly
15	Common wolf snake	Mice / Lizzard 1	Weekly
16	Green vine snake	Mice / Lizzard 1	Weekly
17	Banded racer	Mice / Lizzard 1	Weekly
18	Common trinket snake	Mice	Weekly

Vaccination Schedule of animals

Sr.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	All Feline	Feline Panleukopenia, Feline Calcivirus, Feline Rehinotrachitis Rabies	Biofel- PCHR (1ml/Animal S/C)	Annual	
2	All Feline & Canine	Canine Distemper	Purevax- Ferret Distemper (Recombinant Vaccine) 1ml/Animal S/C	Annual	
3	All Canines	Canine Distemper Virus, Canine Adeno Virus, Canine Parvo Virus, Parainfluenza Rabies Leptospirosis	Nobivacshappi, NobivacLepto, Nobivac R	Annual	

De-worming Schedule of animals

Sr.No.	Species	Drug used	Month
1	All Carnivores	- Fenbadazole - Albendazole - Praziquantel, Pyrental - Ivermectin	very 3 month Interval
2	All Herbivores/ Birds/ Reptile	- Fenbadazole (Susp. Pnacur)	Every 6 month Interval



Disinfection Schedule

Sr.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Carnivores/ Birds/ Herbivores/ Reptiles	- Night Shelter - Open Enclosure - Visitors area	- Chemical (Kohrsolin-TH) - Burning Method - Sodium Hypo chloride	Once in a week (Every Wednesday)

Health Check-up of employees for zoonotic diseases

All zoo personnel of Sakkarbaug Zoological Park were screened for various zoonotic diseases in the month of March-2022 for the year 2022-23 & all zoo personnel are found negative for zoonotic diseases. Also all zoo personnel were vaccinated Antirabies vaccine during the check-up.

Education and Awareness programmes during the year

Camp	Student	Teachers	Others	Total
16	414	44	112	570





Important Events and happenings

Important events like celebration of Forestry day, World Environment day, Lion day and wildlife week Celebration etc. were celebrated during the year. Large numbers of students and citizen's were part of these celebration. Important happening involves the birth of wolves, Indian Gaur, Asiatic Lion, Stripped hyena, Indian wild dog, Spotted deer and sambar during the year.



Seasonal special arrangements for upkeep of animals

As per the season the diet chart of animals get modified by the veterinary officer. Along with the diet the cage get some modifications like shade and cooling effect during the summer season and heating effect by using heat generating instruments during the winter season. During very hot periods of April & May ice were added to the water for cooling and Mineral supplements were added to water for avoiding dehydration effect.





Conservation Breeding Programme of the Zoo

The Central Zoo Authority is coordinating a flagship programme of planned Conservation Breeding. Sakkarbaug Zoological Park has been allotted responsibility by the CZA for 7 conservation breeding programmes. SBZ is a coordinating zoo for Conservation Breeding Programme (CBP) for Asiatic Lion, Indian Wild Ass, Grey Wolf, Four horned Antelope and Asiatic Cheetah. It is a participating zoo for CBP of Chinkara and Vultures. Thus the zoo plays a vital and pivotal role in the conservation breeding of these endemic and endangered animals. There is a dedicated section of conservation breeding facilities.

- ASIATIC LION

Asiatic Lion Conservation Breeding program has been the most successful programme and we are striving to achieve more precision in our management and healthcare to take it to the next level. The SBZ is also the main source of pure breed Asiatic Lions to the Indian & International Zoos. We have been able to establish links with national and international zoos for information exchange and technology sharing. The state board for Wildlife of Gujarat has approved the proposal for “Long Term Conservation of Asiatic Lion in the year 2006. Among other measures proposed for the conservation of Asiatic Lions, it has been envisaged to establish an ex-situ gene pool population. Accordingly, three gene pool centers are established by Gujarat Forest Department in SBZ, at Rampara Wildlife Sanctuary and Barda Wildlife Sanctuary. Sakkarbaug Zoo is the nodal agency of this project.

BIRTH DATA

Year	BIRTH			
	Male	Female	Other	Total
2022-23	10	7	0	17

- INDIAN WILDASS

The Indian Wild Ass is endemic to the Greater Rann and Little Rann of Kutch. SBZ has the largest captive population of Indian Wild Ass. It is noteworthy that captive Wild Ass is housed in SBZ and Madras Zoo and nowhere else in the world. There is a future plan to strengthen its captive breeding by procuring founder animals.

BIRTH DATA

Year	Birth			
	Male	Female	Other	Total
2022-23	0	0	0	0

- VULTURE

The vulture breeding aviary was started in the zoo in April 2009. The vulture Conservation breeding Aviary and Hospital aviary are located far from the display area and is surrounded by vegetation to prevent any kind of disturbance. SBZ has four species of Vultures in captivity under CBP, namely White-backed Vulture, Indian Vulture, Eurasian Griffon Vulture and Red-necked Vulture. We have created all the required facilities at the breeding center such as artificial nesting sites and trees.

In a significant development for the conservation of the endangered vulture species, the Sakkarbaug zoo has succeeded in breeding vultures in captivity.

BIRTH DATA

Year	Birth			
	Male	Female	Other	Total
2022-23	0	0	0	0

- CHINKARA

In the Chinakara CBP ideal climate, good housing facilities, expertise have contributed for successful breeding in the beginning. Later on we have maintained the population for several years. We have reached the stage where we can plan for reintroduction of this species in the wild.

BIRTH DATA

Year	Birth			
	Male	Female	Other	Total
2022-23	0	0	0	0

- FOUR HORNED ANTELOPE

Chausingha have been successfully reared and bred. We need more founder animals with different bloodline hence we need to procure more individuals for the Conservation Breeding Programme.

BIRTH DATA

Year	Birth			
	Male	Female	Other	Total
2022-23	0	0	2	2

- INDIAN GREY WOLF

In the beginning of this Breeding Programme we did not have sufficient founder population. In the last 2-3 years by the exchange programmes we have raised our founder population from Udaipur Zoo, Jodhpur Zoo, Lucknow Zoo and Jaipur Zoo. We are concentrating on this programme to get more animals with different blood line for the successful breeding of wolf. Now we are making attempts to procure the Indian Grey wolf.

BIRTH DATA

Year	Birth			
	Male	Female	Other	Total
2022-23	15	9	3	27

FORM-II
[See rule 11 (1)]

PART - A
Sakkarbaug Zoo, Junagarh, Gujarat

Proforma for Annual Inventory Report
Inventory Report for the Year : 2022-2023

Endangered Species*

- Modified Closing Balance

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)			Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)				
			M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
	Aves																					
1.	Oriental Pied Hornbill	<i>Anthracoeros albirostris</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2.	Steppe Eagle	<i>Aquila nipalensis</i>	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3.	White-rumped Vulture	<i>Gyps bengalensis</i>	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
4.	Indian Vulture	<i>Gyps indicus</i>	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
5.	Kalij Pheasant	<i>Lophura leucomelanos</i>	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
6.	Indian Peafowl	<i>Pavo cristatus</i>	1	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
7.	Peafowl (leucistic)	<i>Pavo cristatus</i>	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
8.	Eurasian Spoonbill	<i>Platalea leucorodia</i>	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
	Total Aves		7	3	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	64
	Mammalia																					

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)						Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
17.	Tiger (leucistic/White)	<i>Panthera tigris</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
18.	Bengal Tiger	<i>Panthera tigris tigris</i>	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
19.	Asian Palm Civet	<i>Paradoxurus hermaphroditus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	2
20.	Leopard Cat	<i>Prionailurus bengalensis</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
21.	Malabar Giant Squirrel (Indian Giant Squirrel)	<i>Ratufa indica</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
22.	# Barasingha (Swamp Deer)	<i>Rucervus duvaucelii</i>	2	7	7	16	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	2	0	6	16
23.	Eld's Deer (Brow-antlered Deer)	<i>Rucervus eldii</i>	2	3	5	10	0	0	1	0	0	0	0	0	0	0	0	0	1	2	0	1	1	6	8
24.	# Four-horned Antelope	<i>Tetracerus quadricornis</i>	4	3	8	15	0	0	2	0	0	0	0	0	0	0	0	0	2	4	0	4	1	6	11
25.	Himalayan Black Bear	<i>Ursus thibetanus laniger</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
26.	Small Indian Civet	<i>Viverricula indica</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
27.	Desert Fox	<i>Vulpes vulpes pusilla</i>	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3
Total Mammalia	27		131	138	65	334	30	17	11	3	3	12	35	31	0	19	17	12	128	127	41	296			
Reptilia																									
1.	Russell's Viper	<i>Daboia russelii</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2.	Gharial	<i>Gavialis gangeticus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)							
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T				
3.	Spectacled Cobra	<i>Naja naja</i>	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	
4.	Common Rat Snake	<i>Ptyas mucosa</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5.	Indian Rock Python	<i>Python molurus</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
6.	Bengal Monitor	<i>Varanus bengalensis</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Reptilia	6		0	2	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	9	
Total			138	143	140	421	30	17	11	3	3	13	35	31	0	21	17	17	17	133	132	112	112	377		

*Animals under Sch-I and Sch-II of Wild Life (Protection) Act, 1972

PART - B
Sakkarbaug Zoo, Junagarh, Gujarat

Proforma for Annual Inventory Report
Inventory Report for the Year : 2022-2023

Other than Endangered Species*

- Modified Closing Balance

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
	Aves																							
1.	Blue-fronted Amazon, Blue-fronted Parrot, Turquoise-fronted amazon, Turquoise-fronted Parrot	<i>Amazona aestiva</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
2.	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
3.	Sarus Crane	<i>Antigone antigone</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
4.	Blue-and-gold Macaw, Blue-and-yellow Macaw	<i>Ara ararauna</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
5.	Scarlet Macaw	<i>Ara macao</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)							Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)								
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T					
6.	Sun Conure, Sun Parakeet	<i>Aratinga solstitialis</i>	0	1	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	4	
7.	Eurasian Eagle Owl	<i>Bubo bubo</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
8.	Umbrella Cockatoo, White Cockatoo	<i>Cacatua alba</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
9.	Greater Sulphur- crested Cockatoo, Sulphur- crested Cockatoo	<i>Cacatua galerita</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
10.	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
11.	Lady Amherst's Pheasant	<i>Chrysolophus amherstiae</i>	0	1	4	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	6	
12.	Golden Pheasant	<i>Chrysolophus pictus</i>	1	0	5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	5	
13.	Black Swan	<i>Cygnus atratus</i>	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
14.	Emu	<i>Dromaius novaehollandiae</i>	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	
15.	Eclectus Parrot	<i>Eclectus roratus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	3

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
25.	Painted Stork	<i>Mycteria leucocephala</i>	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
26.	Green Peafowl	<i>Pavo muticus</i>	2	0	0	2	0	0	6	0	0	0	0	0	0	0	0	0	0	0	5	7
27.	Great White Pelican	<i>Pelecanus onocrotalus</i>	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
28.	Greater Flamingo	<i>Phoenicopterus roseus</i>	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
29.	Dusky Lory	<i>Pseudeos fuscata</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
30.	Red-naped Ibis	<i>Pseudibis papillosa</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
31.	Alexandrine Parakeet	<i>Psittacula eupatria</i>	6	0	11	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	16
32.	Rose-ringed Parakeet	<i>Psittacula krameri</i>	0	2	10	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	10
33.	Blossom-headed Parakeet	<i>Psittacula roseata</i>	3	1	3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6
34.	Grey Parrot, Jacquot	<i>Psittacus erithacus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
35.	Common ostrich, Ostrich	<i>Struthio camelus</i>	1	1	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5
36.	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
37.	Rainbow Lorikeet	<i>Trichoglossus moluccanus</i>	1	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Aves	37		26	21	181	228	0	0	76	0	0	0	0	0	0	0	0	0	31	2	32	194
Mammalia																						

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1.	Chital/ Spotted Deer	<i>Axis axis</i>	0	8	30	38	0	0	4	0	0	0	0	2	3	0	2	0	2	0	4	29	33
2.	Nilgai	<i>Boselaphus tragocamelus</i>	1	1	2	4	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	3	4
3.	Common Marmoset	<i>Callithrix jacchus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
4.	Common hippopotamus, Hippopotamus, Large Hippo	<i>Hippopotamus amphibius</i>	2	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	4
5.	Striped Hyena	<i>Hyaena hyaena</i>	3	2	3	8	0	0	0	0	0	0	0	0	0	0	1	0	0	3	1	3	7
6.	Indian Crested Porcupine	<i>Hystrix indica</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
7.	Bennett's Wallaby	<i>Macropus rufogriseus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8.	# Indian Muntjac	<i>Muntiacus muntjak</i>	0	2	24	26	0	0	4	0	0	0	0	0	0	0	6	1	0	6	3	14	23
9.	Himalayan Goral	<i>Naemorhedus goral</i>	1	0	1	2	0	2	1	0	0	0	0	0	0	0	0	2	1	1	0	1	2
10.	# Sambar Deer	<i>Rusa unicolor</i>	1	1	2	4	0	0	2	0	0	0	1	1	3	0	0	0	0	1	0	0	1
Total Mammalia	10		11	18	65	94	0	2	12	0	0	1	3	6	6	7	3	17	12	53	82		
Reptilia																							
1.	Common Krait	<i>Bungarus caeruleus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2.	Common Trinket Snake	<i>Coelognathus helena</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2022)			Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2023)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
3.	Indian Star Tortoise	<i>Geochelone elegans</i>	4	1	34	39	0	0	0	0	0	0	0	0	0	0	15	4	1	19	24	
4.	Common Sand Boa	<i>Gongylophis conicus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
5.	Red eared slider	<i>Trachemys scripta elegans</i>	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13
Total Reptilia	5		4	1	51	56	0	0	0	0	0	0	0	0	0	15	4	1	36	41		
Total			41	40	297	378	0	2	88	0	0	0	1	3	37	8	10	31	45	283	359	
Grand Total			179	183	437	799	30	19	99	3	3	13	36	34	37	29	27	178	163	395	736	

Exchange Program (Arrival and Disposal)

Disposal Data 2022-23

Sr. NO.	Date	Species	Details
1	01/06/2022	Asiatic Lion 1:4	Sent to Barda Genepool Centre, Porbandar.
2	02/06/2022	Asiatic Lion 2:2	Sent to Barda Genepool Centre, Porbandar.
3	18/07/2022	Ostrich Male -1	Sent to Pradyuman Park Zoo, Rajkot Zoo, Rajkot.
4	21/07/2022	Red Jungle Fowl - 30	Sent to Banaskatha Division.
5	28/07/2022	Asiatic Lion Male-1	Sent to Lion Safari, Vasona, Dadra Nagar Haveli.
6	02/08/2022	Leopard 3:11	Sent to Greens Zoological, Rescue and Rehabilitation Kingdom, Jamnagar.
7	04/08/2022	Leopard 25:11	Sent to Greens Zoological, Rescue and Rehabilitation Kingdom, Jamnagar.
8	10/10/2022	Rhesus Monkeys - 2	Sent to Ratan Mahal Sanctuary.
9	30/10/2022	Asiatic Lion Female -2	Sent to Barda Genepool Centre, Porbandar.
10	24/11/2022	Asiatic Lion Male-1:1	Sent to Sanjay Gandhi Nation Park, Mumbai, MH.
11	11/01/2023	Sambar Male -1	Sent to Gir West Division.
12	14/01/2023	Sambar 2:2	Sent to Gir West Division.
13	24/02/2023	Stripped Hyena 1:1	Sent to Ambaradi Safari Park.
14	04/03/2023	Spotted Deer 3:2	Sent to Dang.

Arrival Data 2022-23

Sr. NO.	Date	Species	Details
1	04/07/2022	Leopard Male -2	Arrived From Maliya Hatina.
2	12/07/2022	Vulture -1	Arrived From Mahuva.
3	28/07/2022	Sloth Bear	Arrived From Mehsana Social Forestry Division.
4	05/08/2022	Hog Deer-1:2	Arrived From Pradyuman Park, Rajkot Zoo, Rajkot.
5	28/11/2022	Royal Bengal Tiger 1:1	Arrived From Sanjay Gandhi Nation Park, Mumbai, MH.

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

PART-II

Details on compliance of the conditions stipulated by the Central Zoo Authority (as per the earlier letter of grant of recognition issued to the zoo)

Letter No. 1) File No.19-49/92-CZA(67)(Vol.IV)(Pt.) dated 11/01/2021

2) F. No 19-49/9-CZA(67)(Vol.IV)(AC)/2335/2016 dated 09.08.2016

3) F. No 19-49/9-CZA(67)(Vol.II) (M) dated 05.01.2005

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Compl y	Since when pending	Remarks	
					Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
1. General requirements						
1	10.1(2)	More endemic plants need to be planted specially in newly constructed isolation and quarantine area/ facility	Six months	11/01/2021	Indigenous species are planted and planting of more trees will be taken up during monsoon	
2	10.1(9)	Love birds and Budgerigars are yet to be removed from the zoo as suggested in earlier evaluation	Immediately	11/01/2021	Done	
2. Administrative and staffing pattern						
	10.2(2)	A Curator with Master's Degree in Wildlife Science / Zoology is yet to be appointed	Six months	11/01/2021	Asst. Conservator of Forests has been holding the post of Curator in Zoo.	
3. Development and Planning						
	10.3(1)	Approval of master plan be pursued with the CZA and Objections, if any, be addressed to get the approval	Three months	11/01/2021 & 09.08.2016 & 05.01.2005	The Draft Master Plan has been submitted.	
	10.3(3)	The small building housing the Zoo Directors Chambers be also camouflaged	Six months	11/01/2021	Done	
4. Animal housing, display of animals and animal enclosures						
	10.4(2)	Proper lighting arrangements be ensured in the snake enclosure for better viewing	Three months	11/01/2021	Done	
	10.4(7)	Appropriate screening in remaining enclosures be provided	Six months	11/01/2021 & 09.08.2016	Done	
	10.4(9)	Plantation of hedge be done in remaining standoff barrier	Six months	11/01/2021 & 09.08.2016 &	Done	

		areas specially in Lion enclosure		05.01.20 05		
	10.4(10)	Uniformity in dimension and colour pattern in signage be done	Three months	11/01/20 21	Done	
	10.4(10)	The interactive interpretation facility should be made operational, and the existing orientation centre needs to be more informative and better maintained	One year	11/01/20 21	Done	
5. Upkeep and healthcare of animals						
	01.5(8)	Deworming and vaccination schedules be properly displayed at the enclosure site	One month	11/01/20 21	Done	
9. Acquisition and breeding of animals						
	10.9(4)	Species namely Eurasian Griffon, Himalayan Griffon, King Vulture, Indian Pied Hornbill, Nilgiri Langur, Jungle cat, Mouse Deer, Indian Ratel, Common Krait, Gharial, Common Crane, Barn owl, Black headed Seagull, Brahminy Kite, Sarus Crane, Sulphur crested Cockatoo, Amazon Parrot, Rainbow Lorikeet, Banded Krait, Dusky Lory, Green Chick Conure and Blue Crowned Pigeon, respectively are housed in the zoo singly. The zoo should acquire mates as per extant norms and animal collection approved in masterplan of the zoo	One year	11/01/20 21 09/08/20 16	We have plan to restocking some of the animals From Other Zoo. (Nilgiri Langur, Mouse Deer, Brahminy Kite, Eurasian Griffon, King Vulture, Green Chick Conure and Blue Crowned Pigeon are not present in zoo.	
	10.9(9)	Matter should be pursued for vasectomy, tubectomy and implantation of pellets, etc as population control measures in prolific breeding of captive animals in the zoo	Six months	11/01/20 21	For population control measure seeking approval has been rejected from MOEF & CC. However segregation of male and female.	
	10.9(10)	In few enclosures, repair of chain link fencing and painting of rusted iron frames is required	Immediately	11/01/20 21	Done.	
11. Education and outreach activities						
	10.11(1)	Dedicated website of the zoo be commissioned	Three months	11/01/20 21	In progress with GIL as per the norms of Govt. Of Gujarat.	
12. Visitors' facilities						
	10.12(1)	Benches kept for visitors should be repaired	Three months	11/01/20 21	New Benches for visitors have been installed.	

List of free living wild animals within the zoo premises

MAMMALS	REPTILES	
Sambar	Cobra	Geko
Spotted Deer	Krait	Monitor Lizard
Mangoes	R.Viper	Skink
Fruit bat	Common Sand Boa	Chameleon
Squirrel	Rock Python	Crocodile
Hare	Garden Lizard	

BIRDS		
Flame back Woodpecker	Night Heron	Green Bee-eater
Barbet	Panted stork	White Throated Kingfisher
Coucal	Iora	Pied Kingfisher
Rose ring Parakeet	Tickell's blue Flycatcher	Hoopoe
Swift	Indian Robin	Comb Duck
Owlet	Magpie Robin	Indian Peafowl
Paradise fly catcher	Common Myna	Black Winged Stilt
Night jar	Brahminy Starling	Fantail
Mottled wood owl	Black crowned Sparrow Lark	Spot Billed Duck
Pigeon	Purple Sun Bird	Honey Bazzard
Eurasian Collared Dove	Sparrow	Darter
Common Coot	Citrine Wagtail	Cormorant
Francolin	Baya Weaver	Pond Heron
Ibis	Shilver Bill	Kite
Lapwing	Black Drongo	Shikara
	Small Minivet	