

*Kamla Nehru Zoological Garden,
Kankaria, Ahmedabad*

*Annual Report
2018-19*



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Directors Report

Global Warming a terminology used by a common people when he felt high atmospheric temperature like somebody is sick having high fever and even after medication his health is not improving and then people will say he may be having **viral** fever. These are the excuses or terminology used for our own satisfaction or we will feel nothing is in our hand / Helplessness?

Zoo can play a major role for better plantation and creation of better environment in zoo where animals and visitors both will feel comfortable in all season especially during summer. We can also create awareness about plantation and encourage new generation to plant trees and take care of them, minimum one tree in your life.

Present scenario giving red signal about easy survival, temperature is reached to 50 degree centigrade, water availability to domestic animals and villagers are very less, all water bodies like river, lake, ponds are dried on the other side we are constructing more road or increasing width of existing roads, many bridges and other cement iron structures are under construction, number of vehicle are increasing every day, leading to noise and air pollution. While number of trees are decreasing.

This unbalancing leading too many complications like noise pollution, air pollution and where this will end? Is there any possibility that again we can take bath in any urban lake or drink direct water from urban river? Can zoo do something like telling stories and fact about our childhood and life of water body and plants during our child hood?

We don't have time to wait, we have to act now, Stop polluting our home, and society, city and State, off course Country, also stop others who are polluting environment by any means.

Happy to know that Tiger population is increasing. Congratulations to all those who are behind this great Success.

Best Wishes to all Indian Zoos.

Dr. R.K SAHU

Director of Ahmedabad Zoo

1. History of the Zoo

The Kamla Nehru Zoological Garden was established in 1951 by Padmashree Reuben David. He was an animal lover and a passionate conservationist with a great experience with animals. He experimented with several animals and strived to create a better environment for them. He faced a tough resistance for housing carnivorous animals in a mainly vegetarian culture of the city of Ahmedabad that preferred a zoo of the herbivorous tribe. It was in 1952, that the zoo started housing the carnivorous animals.

Padmashree Reuben David aimed to create a near natural habitat for animals, birds and reptiles and develop a distinct style of zoo architecture. He planted innumerable trees in the zoo and its surroundings and created a green zone - the zoo complex that included a zoo - Kamala Nehru Zoological Gardens, a children's park - Chacha Nehru Balvatika and a museum - Reuben David Natural History Museum. Over a period of time, the zoo has nurtured its wards with care and sensitivity that have become benchmarks. Continuous innovations in animal care and visitor facilities and comfort mark the zoo.

2. Vision

The Kamala Nehru Zoological Park, by virtue of its location, will be an urban oasis. The Park will bring into an urban centre, experiences of natural habitat sensitizing the popular generating respect for the animals, their environment and their characteristic behaviour. Keeping the welfare of the animals as its primary concern, the park will engage in the promotion of conservation breeding thus complementing a global concerted effort of sustaining the rich biodiversity of the earth.+

3. Mission

Ahmedabad Zoo is one of the old zoo started in 1951, Almost all enclosures are outdated designed and not matching the standard of modern concept of Zoo Management, therefore we are changing design of all the enclosures phase wise as per the guidelines of CZA and National Zoo Policy 1998. As per approved Master Plan we have to implements it up to 2022.

4. Objective

The Kamla Nehru Zoological Garden was started with the purpose of Recreation but now our main aim is conservation of endangered species breeding them in captivity, so as to save them from extinction, Education and Research. Involvement of all Universities like CEPT School of Architect, Gujarat University, National Institute of Design (NID) St. Xavier's University, All Veterinary Colleges, Universities of Gujarat, Engineering Universities etc.

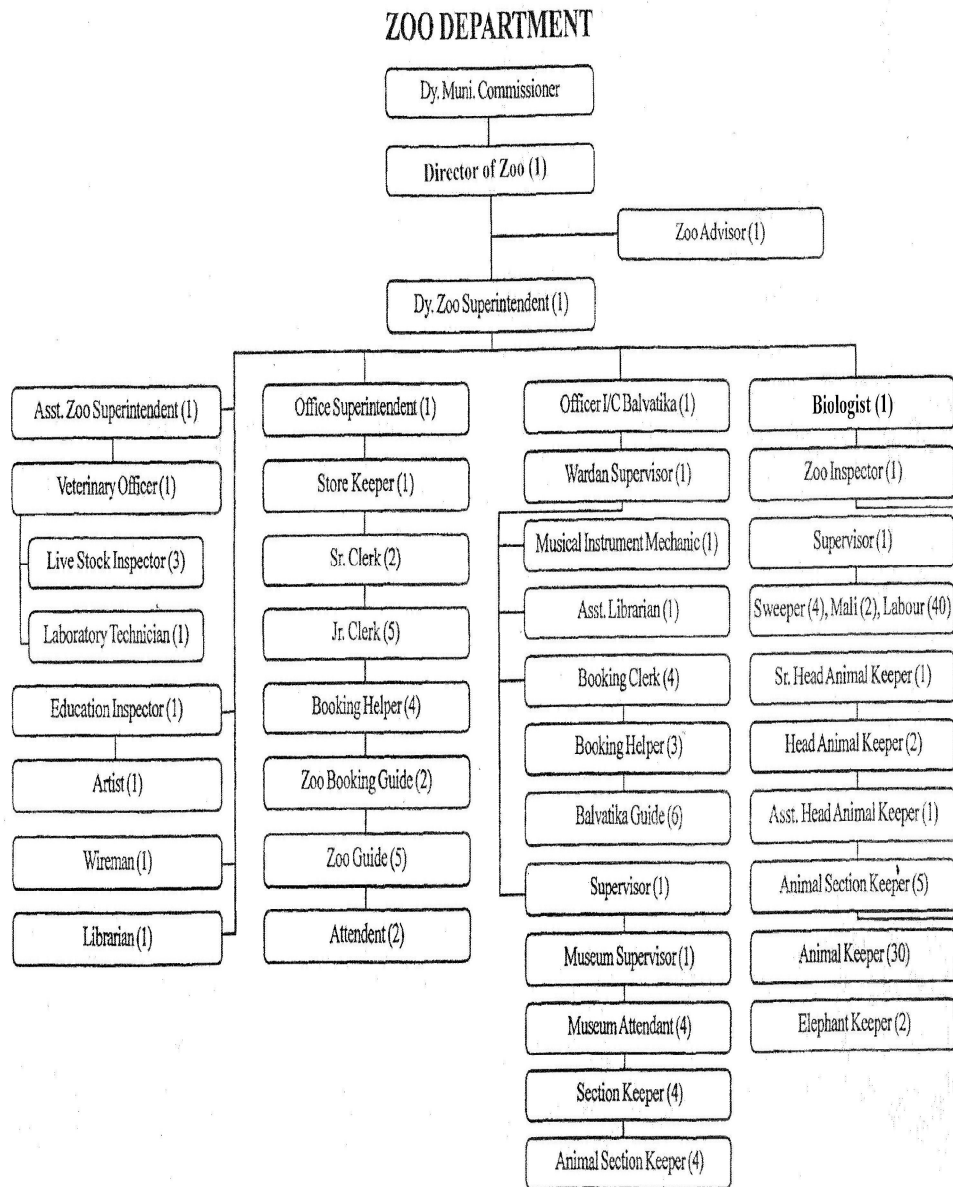
5. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Kamala Nehru Zoological Garden, Ahmedabad (Gujarat)
2	Year of Establishment	1951
3	Address of the Zoo	Kamala Nehru Zoological Garden, Kankaria, Ahmedabad – 380 008, Gujarat
4	State	Gujarat
5	Telephone Number	+91-79-25463415
6	Fax Number	+91-79-25463818/25350926
7	E-mail address	<u>kankaria@ahmedabadzoo.in</u>
8	Website	<u>www.ahmedabadzoo.in/</u>
9	Distance from nearest	Airport: 12 Km
		Railway Station: 04 Km
		Bus Stand: 02 Km
10	Recognition Valid up to (Date)	08.06.2019
11	Category of zoo	Large Zoo
12	Area (in Hectares)	117 acre
13	Number of Visitors (Financial Year)	Adult : 24, 23, 477
		Children : 8, 52, 428
		Total Indian : 32, 75, 905

S.No.	Particulars	Information
		Total Foreigners : 395
		Total Visitors: 32, 76,300
14	VisitorsqFacilities Available in Zoo	Washroom, Drinking water, First aid, Wheel chair, Dom and Resting area, Anti venom serum, Library, Information Centre.
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. R. K. Sahu, Director of Zoo
	Name of the Curator / Asst. Zoo Superintendent	Bharatsinh P. Vihol
	Name of the Veterinary Officer	Dr. Sharva Shah (Contract Base)
	Name of the Biologist	Bharatsinh P. Vihol
	Name of the Education Officer	Bharatsinh P. Vihol
	Name of the Compounder/ Lab Assistant	Rakeshkumar C. Patel (On deputation) Akram Shaikh (Contract Base) Harshad Bhagora (Contract Base)
Owner / Operator of the Zoo		
17	*Name of the Operator	Ahmedabad Municipal Corporation
18	Address of the Operator	Ahmedabad Municipal Corporation,

S.No.	Particulars	Information
		Sardar Patel Bhavan Danapeeth, Ahmedabad-380001
19	Contact details/Phone number of Operator	+91-79-25391811, 25353818,25352828
20	E-mail address of Operator	mc@ahmedabadcity.gov.in

6. Organizational Chart



7. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Director of Zoo	1	1
2	Deputy Zoo Superintendent	1	0
3	In charge Officer Balvatika	1	0
4	Assistant Zoo Superintendent	1	In charge
5	Office Superintendent	1	1
6	Veterinary Officer	1	1 (Contract Base)
7	Biologist	1	In charge
8	Education Inspector	1	1
9	Zoo Inspector	1	0
10	Store Keeper	1	1
11	Warden Supervisor	1	0
12	Senior Lab Technician	1	0
13	Senior Head Animal keeper	1	0
14	Live Stock Inspector	3	1 On Deputation 2 Contract base
15	Senior Clerk	2	2
16	Librarian	1	0
17	Assistant Reliever Librarian	1	0
18	Junior Clerk	9	5
19	Head Animal keeper	2	1
20	Assistant Head Animal keeper	1	1 (Contract base)
21	Senior Mali	2	0
22	Assistant Elephant cum Animal keeper	1	0
23	Sweeper	2	1

24	Zoo Advisor	1	0
25	Zoo Artist	1	0
26	Balvatika Supervisor	2	2
27	Wireman	1	1
28	Musical Instrument Mechanic	1	0
29	Zoo Booking Guide	2	0
30	Museum Supervisor	1	0
31	Zoo Animal Section Keeper	5	0
32	Balvatika Animal Section Keeper	4	2
33	Balvatika Section Keeper	4	0
34	Animal Keeper	30	14 Regular 16 Contract basis
35	Assistant Elephant cum Animal keeper	1	0
36	Zoo Guide	5	2
37	Balvatika Guide	6	2
38	Museum Attendant	4	0
39	Muni. Attendant	2	0
40	Garden Labourer/Majur	40	38
41	Booking Helper	7	6
42	Sweeper	2	1 33 Contract basis
	Total	156	135

8. 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. Bharatsinh P. Vihol, Asst. Zoo Superintendent and Edu. Inspector	Middle Management Officers Training Programme	15th to 16th March - 2019	Central Zoo Authority, New Delhi
2	Mr. Zaheer Ahemad Y. Abbasi and Mr. Ashok P. Patel, Animal Keeper	Capacity building of Mahout Keepers Training Programme	4th to 8th February - 2019	Shri Chamarajendra Zoological Garden, Mysore
3	Mr. Kiran N. Chauhan and Mr. Sayiadali A., Animal Keeper	Zoo Keepers Training Programme	4th to 10th March - 2019	Dr. Shymaprasad Mukerjee Zoological Garden, Surat

9.

Zoo Advisory Committee –

- Recreational, Cultural and Heritage committee

a. Date of constitution - Jan 2015

b. Members - 14

c. Dates on which Meetings held during the year .

Every 15 days (Friday)

10. Health Advisory Committee–

Headed by Conservator of Forest and members are from Veterinary College Anand and Animal Husbandry department Government of Gujarat.

a. Date of constitution : 12/01/2005

b. Members : 4

c. Dates on which Meetings held during the year:

Since long this Committee has not visited our Zoo.

11. Statement of income, visitors and expenditure of the Zoo

Zoo Department Income in Rs.

<i>Year</i>	<i>Zoo</i>	<i>Nocturnal Zoo</i>	<i>Balvatika</i>	<i>Butterfly Park</i>	<i>Other Income</i>	<i>Total</i>
<i>2016-17</i>	<i>32739063</i>	<i>----</i>	<i>1480113</i>	<i>1601525</i>	<i>14125487</i>	<i>49946188</i>
<i>2017-18</i>	<i>30005905</i>	<i>9091790</i>	<i>1300786</i>	<i>1364490</i>	<i>13012598</i>	<i>54775569</i>
<i>2018-19</i>	<i>15871590</i>	<i>39256340</i>	<i>1027907</i>	<i>1367895</i>	<i>13010954</i>	<i>70534686</i>

Zoo Department Nos. of Visitors

<i>Year</i>	<i>Zoo</i>	<i>Nocturnal Zoo</i>	<i>Balvatika & N.H.Museum</i>	<i>Butterfly Park</i>	<i>Total</i>
<i>2016-17</i>	<i>1904130</i>	<i>----</i>	<i>565216</i>	<i>172308</i>	<i>2641654</i>
<i>2017-18</i>	<i>1791259</i>	<i>247442</i>	<i>677355</i>	<i>150137</i>	<i>2866193</i>
<i>2018-19</i>	<i>1831314</i>	<i>913522</i>	<i>381195</i>	<i>150269</i>	<i>3276300</i>

Zoo Department Expenditure in Rs.

<i>Year</i>	<i>Revenue</i>	<i>Capital</i>	<i>Total</i>
<i>2016-17</i>	<i>7,09,07,000</i>	<i>3,50,00,000</i>	<i>10,59,07,000</i>
<i>2017-18</i>	<i>8,06,21,000</i>	<i>8,00,00,000</i>	<i>10,97,20,000</i>
<i>2018-19</i>	<i>8,71,43,000</i>	<i>2,00,000,00</i>	<i>10,71,43,000</i>

Visitors



કાંકરિયામાં માનવમહેસમણ ઊમટ્યો ...

નવગુજરાત સમય

રક્ષાબંધનના પર્વ અમદાવાદની મધ્યમાં આવેલ કાંકરિયા લેક્કન્ડ લોકમેળામાં ફેરવાઈ ગયો હતો. રવિવારે એક જ દિવસમાં 70 હજારથી વધુ લોકોએ કાંકરિયાની મુલાકાત લીધી હતી જેનાથી 10 લાખની આવક થઈ હતી.

તસવીર: શૈલેષ સોલંકી

News Paper - Navgujarat Samay Dt. 27.08.2018

12. Daily feed Schedule of animals

Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
MAMMALS					
1	Bear Himalayan Black	Milk, rice, roti of gram flour, fruits, breads etc.	Milk 2 Ltr. rice 500 gms, roti of gram flour 250 gms, seasonal fruits 3Kg, breads 500 gm etc.	10% lesser than winter	NIL
2	Black Buck Common and white	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	400-600gms Concentrate. 2-3 kg green fodder and hay adlib with leaves of different trees.	5% lesser than winter	NIL
3	Jungle Cat	Chicken/Buffalo Meat	800-1000 gms	10% lesser than winter	NIL
4	Common Palm Civet	Milk, Banana, Papaya, Bread, Chevon	200 ml, 4-5 pieces, 250 gms, 4-6 slice, 100-150 gms	5% lesser than winter	NIL
5	Indian Elephant	Cooked rice, ragi flour, kulthi grains, jaggery, coconuts, sugarcane, green grass, leaves, and barks of Baniyan and peepal tree	Cooked food 5-8 kgs, jaggery 2-3 kgs, coconut 2 pieces, 10-15 kg sugarcane, 150 kg	5% lesser than winter	NIL

		etc.	green grass and leaves and bark of Baniyan and peepal tree adlib.		
6	Jackal	buffalo meat and goat meat	500-700 gms	400-600 gms	NIL
7	Common Langur	Soaked grams, banana, papaya, seasonal fruits and vegetables twice a day	150-200 gms, 2-5 nos. 200 gms, 200-300 gms	5% lesser than winter	NIL
8	Leopard/Panther	Buffalo Meat	3.5-4kg (M) 3-3.5 kg (F)	3kg (M) 2.5kg (F)	Friday
9	Lion Indian	Buffalo Meat	12kg (M) 8kg (F)	10kg (M) 7kg (F)	Friday
10	Macaque Bonnet	Soaked grams, banana, papaya, seasonal fruits and vegetables twice a day	150-200 gms, 2-5 nos. 200 gms, 200-300 gms	5% lesser than winter	NIL
11	Macaque Rhesus	Soaked grams, banana, papaya, seasonal fruits and vegetables twice a day	150-200 gms, 2-5 nos. 200 gms, 200-300 gms	5% lesser than winter	NIL
12	Otter	Fish, Carrot twice a day	2-2.5 kg and 2 pieces	5% lesser than winter	NIL
13	Porcupine Bengal	Pulses, Math, Grams, Seasonal Fruits and Vegetables twice a day	100-150 gms. 500-700 gms.	5% lesser than winter	NIL
14	Tiger Bengal	Buffalo Meat	12kg (M) 8kg (F)	10kg (M) 7kg (F)	Friday
15	Tiger Bengal (White)	Buffalo Meat	8kg (F)	7kg(F)	Friday
16	Deer Hog	Dry Concentrate(gram pieces, maize	600-900 gms, 2-5 kg	5% lesser than winter	NIL

		pieces, groundnut cake, cattle feed), Dry hay, Green Fodder			
17	Deer Sambar	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	1.5-2 kg, adlib. 3-5 kg.	5% lesser than winter	NIL
18	Deer Spotted-Chittal	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	600-900 gms. adlib, 2-5 kg.	5% lesser than winter	NIL
19	Flying fox	Papaya and Banana and other seasonal fruits	200-300 gms	200-300 gms	NIL
20	Hippopotamus	Dry Concentrates, Vegetables and Green Grass	5-7 kg, 2-5 kg & 50-100 kg	5% lesser than winter	NIL
21	Hyena	Buffalo Meat & Chiken	1kg & 2kg	800-900 gms & 1.5 kg	NIL
22	Nilgai/Blue Bull	Dry Concentrate(gram pieces, maize pieces, groundnut cake, cattle feed, salt licks), Dry hay, Green Fodder	1.5-2 kg. adlib, 3-5 kg	5% lesser than winter	NIL

REPTILES					
1	Cobra Indian	Poultry chicks once in a week	As per requirements	As per requirements	---
2	Crocodile Long Snouted/ Gharial	Buffalo Meat twice a week	2-5 kg	2-5 kg	---
3	Crocodile Marsh (Mugger)	Buffalo Meat twice a week	2-5 kg	2-5 kg	---
4	Crocodile Saltwater	Buffalo Meat twice a week	2-5 kg	2-5 kg	---
5	Monitor Lizard/Common Indian	Poultry chicks once in a week	As per requirements	As per requirements	---
6	Indian Python Rock	Hen or Rabbit once in a week	As per requirements	As per requirements	---
7	Snake Russell's Viper	Poultry chicks once in a week	As per requirements	As per requirements	---
8	Snake Keelback Checkered	Poultry chicks once in a week	As per requirements	As per requirements	---
9	Snake Rat/Dhaman	Poultry chicks once in a week	As per requirements	As per requirements	---
10	Krait	Poultry chicks once in a week	As per requirements	As per requirements	---
11	Boa John's	Poultry chicks once in a week	As per requirements	As per requirements	---
12	Boa Russell's	Poultry chicks once in a week	As per requirements	As per requirements	---
13	Snake Trinket	Poultry chicks once in a week	As per requirements	As per requirements	---
14	Tortoise Indian Star	Soaked grams, math, and greens	40-100 gms	As per requirements	NIL

15	Turtle	Fish and Minced meat	200-300 gms	As per requirements	NIL
16	Green Anaconda	White mice once in a week	As per requirements	As per requirements	---
BIRDS					
1	Peafowl	Jowar Bajra, Greens twice a day	100-200 gms & 50-100 gms	100-200 gms & 50-100 gms	NIL
2	Pigeon Nicobar	Cannery black seeds, soaked grams, jowar bajra	20-50 gms	20-50 gms	NIL
3	Spoonbill White	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
4	Babbler Common	jowar bajra	50-70 gms	50-70 gms	NIL
5	Budgerigar	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
6	Cassowary	Soaked Grams and math, green vegetables, banana, bread.	1-1.5 kg soaked grains and 1kg fruits & vegetables	1-1.5 kg soaked grains and 1kg fruits & vegetables	NIL
7	Cockatiel	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
8	Cockatoo	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
9	Connure Brown Eared	sunflower seeds, rice paddy,	adlib.,	adlib.,	NIL

		groundnut with cover, grams, hard fruits & vegetables.			
10	Connure Patagonian	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
11	Cormorant Little	fish	adlib.	adlib.	NIL
12	Crane Crowned	boiled egg, jowar bajra, rice, wheat bran	2 eggs, adlib.	2 eggs, adlib.	NIL
13	Dove Rufous Turtle	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
14	Duck Comb	soaked prawn husk, wheat bran, jowar bajra	adlib.	adlib.	NIL
15	Egrets	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
16	Emu	Soaked Grams and math, green vegetables, banana, bread.	1-1.5 kg soaked grains and 1kg fruits & vegetables	1-1.5 kg soaked grains and 1kg fruits & vegetables	NIL
17	Finches	cannery black seeds, kang cheena, greens	5-10gms	5-10gms	NIL
18	Flamingo	jowar bajra, soaked wheat bran and prawn powder	adlib.	adlib.	NIL
19	Goose Grey Leg	soaked prawn husk, wheat bran, jowar bajra	adlib.	adlib.	NIL
20	Heron Indian Reef	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL

21	Heron Night	Minced buffalo meat and fish	100-150 gms approx.	100-150 gms approx.	NIL
22	Ibis Black	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
23	Ibis White	Minced buffalo meat and fish	100-150 gms approx., adlib.	100-150 gms approx., adlib.	NIL
24	Kite	minced meat	100-150 gms	100-150 gms	NIL
25	Koel	papaya	50-100 gms	50-100 gms	NIL
26	Lapwing Red Wattled	minced meat and fish	50-60 gms.	50-60 gms.	NIL
27	Lorry Chattering	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables, milk, bread & honey	adlib., 40 ml milk one piece bread	adlib., 40 ml milk one piece bread	NIL
28	Love Birds	cannery black seeds, kang cheena, greens	adlib	adlib	NIL
29	Myna Common	jowar bajra	30-40 gms	30-40 gms	NIL
30	Parakeet	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
31	Parakeet Alexandrine	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
32	Parakeet Blossom Headed	sunflower seeds, rice paddy, groundnut with	adlib.,	adlib.,	NIL

		cover, grams, hard fruits & vegetables.			
33	Parakeet Rose Breasted	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
34	Parakeet Rose Ring	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
35	Partridge Grey	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
36	Peafowl White	Jowar Bajra, Greens twice a day	100-200 gms & 50- 100 gms	100-200 gms & 50- 100 gms	NIL
37	Pelican Rosy/White	fish	500-900gms	500- 900gms	NIL
38	Pheasant Golden	jowar bajra grains and greens	40-80 gms	40-80 gms	NIL
39	Pheasant Silver	jowar bajra grains and greens	40-80 gms	40-80 gms	NIL
40	Pigeon Crowned	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
41	Pigeon Pied Imperial	Cannery black seeds, jowar bajra	20-50 gms	20-50 gms	NIL
42	Rosella Eastern	sunflower seeds, rice paddy, groundnut with cover, grams, hard fruits & vegetables.	adlib.,	adlib.,	NIL
43	Sparrow Java	cannery black seeds, kang- cheena, greens	5-10gms	5-10gms	NIL

44	Stork Adjutant	Minced buffalo meat and fish	3-3.5 kgs approx.	3-3.5 kgs approx.	NIL
45	Stork painted	Minced buffalo meat and fish	1.0-1.5 kg approx., adlib.	1.0-1.5 kg approx., adlib.	NIL
46	Stork White Neck	Minced buffalo meat and fish	1.0-1.5kg. approx., adlib.	1.0-1.5kg. approx., adlib.	NIL
47	Vulture White Backed-Bengal	Buffalo meat and bones	800-1000gms	800-1000gms	NIL

13. Vaccination Schedule of animals

Vaccination Schedule of animals in Ahmedabad Zoo

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	All Felines namely Lion, Tiger & Leopard as per the inventory of Ahmedabad zoo	Calici Virus, Rhinotrachitis, Panleucopenia (feline distemper)	Feligen CRP vaccine, 1 ml SC or IM by dart gun	Once in a year in the month of April	
2	Elephant	Tetanus	Tetanus toxoid 20 ml IM	Once in a year in the month of May	
3	All Birds as per the inventory of Ahmedabad zoo	Ranikhet Disease	F1 Lasota Strain Vaccine 30 ml diluent per 1000 doses	every six months interval in the month of September and February	

14. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	All Mammals as per the inventory of Ahmedabad zoo	Panacur Bolus Hitek Bolus Albomar Bolus	May 2018 & Feb. 2019 July 2018 Oct. 2018 and after checking of faecal sample if samples are positive we are again doing deworming
2	All Birds as per the inventory of Ahmedabad zoo	Albomar Liquid Hitek Liquid	May 2018 & Oct. 2018 July 2018 & Feb. 2019 and after checking of faecal sample if samples are positive we are again doing deworming
3	All Felines namely Lion, Tiger & Leopard as per the inventory of Ahmedabad zoo	Inj. Triquin	Once in a Year

15. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Mammals as per the inventory of Ahmedabad zoo	-----	Kohrsoline, Butox, P.P solution	Every Month If any outbreak news in city or outside frequency increases.
2	All Birds as per the inventory of Ahmedabad zoo	-----	Kohrsoline, Butox, P.P solution	Every Month If any outbreak news in city or outside frequency increases.
3	All Reptiles as per the inventory of Ahmedabad zoo	-----	Kohrsoline, Butox, P.P solution	Every Month

16. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Dr. R.K.Sahu	Director of Zoo	Feb 2019	No Zoonotic diseases found
2	Mr.Bharatsinh.P.Vihol	Asst. Zoo Superintendent and Education Inspector	Feb 2019	No Zoonotic diseases found
3	Dr. Sharva Shah	Veterinary Doctor (Contract Basis)	Feb 2019	No Zoonotic diseases found
4	Mr.Rakeshkumar C. Patel	Live Stock Inspector	Feb 2019	No Zoonotic diseases found
5	Mr. Akram Shaikh	Live Stock Inspector (Contract Basis)	Feb 2019	No Zoonotic diseases found
6	Mr. Harshad Bhagora	Live Stock Inspector (Contract Basis)	Feb 2019	No Zoonotic diseases found
7	Mr.Farsuram.B.Patel	Head Animal Keeper	Feb 2019	No Zoonotic diseases found
8	Mr.Ranjitsinh.A.Jadeja	As. Head Ani. Keeper (Contract Basis)	Feb 2019	No Zoonotic diseases found
9	Mr.Zahirabbas Yasinkhan	Animal Keeper	Feb 2019	No Zoonotic diseases found

10	Mr Gulamnabi Usmanbhai	Animal Keeper	Feb 2019	No Zoonotic diseases found
11	Mr Ajmalkhan Muzfarkhan	Animal Keeper	Feb 2019	No Zoonotic diseases found
12	Mr Ganshyamsinh G.	Animal Keeper	Feb 2019	No Zoonotic diseases found
13	Mr Maheubmiya Gulabnabi	Animal Keeper	Feb 2019	No Zoonotic diseases found
14	Mr Dineshbhai Sadrabhai	Animal Keeper	Feb 2019	No Zoonotic diseases found
15	Mr Ayubbhai Usmanbhai	Animal Sec Keeper	Feb 2019	No Zoonotic diseases found
16	Mr Ashok P. Patel	Animal Keeper	Feb 2019	No Zoonotic diseases found
17	Mr Mahendrasinh A Jadeja	Animal Keeper	Feb 2019	No Zoonotic diseases found
18	Mr Saiyadali Ajimuddin	Animal Keeper	Feb 2019	No Zoonotic diseases found
19	Mr Mohmadsharif H Qreshi	Animal Keeper	Feb 2019	No Zoonotic diseases found
20	Mr Bhagubhai D.Patel	Animal Keeper	Feb 2019	No Zoonotic diseases

				found
21	Mr Kiranbhai Naranbhai	Animal Keeper	Feb 2019	No Zoonotic diseases found
22	Mr Rameshbhai Becharbhai	Animal Keeper	Feb 2019	No Zoonotic diseases found
23	Mr Siyaram Babulal	Animal Keeper	Feb 2019	No Zoonotic diseases found
24	Mr Sravanbhai Kanjibhai	Animal Keeper	Feb 2019	No Zoonotic diseases found
25	Mr. Gopalsingh Rajput	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
26	Mr. Rasasingh D.	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
27	Mr. Sameer Abbassi	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
28	Mr. Vikas K.	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
29	Mr. Nilesh D.	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
30	Mr. Salman Vora	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
31	Mr. Vasim A.	Keeper on	Feb 2019	No Zoonotic

		Contract base		diseases found
32	Mr. Salim Y.	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
33	Mr. Jahangir M.	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
34	Mr. Bhupendra B. Rajput	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
35	Mr. Rajendrasinh R. Jadeja	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
36	Mr. Jilani Abbassi	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
37	Mr. Govind K. Chauhan	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
38	Mr. Rahulsingh J. Rajput	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
39	Mr. Aarbaj H. Pathan	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
40	Mr. Sajid K. Shaikh	Keeper on Contract base	Feb 2019	No Zoonotic diseases found
41	Mr Ranchhodhbhai N Garasiya	Wireman	Feb 2019	No Zoonotic diseases found

42	Mr. Bheirusingh K.	Labour	Feb 2019	No Zoonotic diseases found
43	Mr Firozkhan Hasankhan	Labour	Feb 2019	No Zoonotic diseases found
44	Mr.Dilavarkhan S. Pathan	Labour	Feb 2019	No Zoonotic diseases found
45	Mr Noormahmad Habibbhai	Labour	Feb 2019	No Zoonotic diseases found
46	Mr Jagatsinh Kaharsinh	Labour	Feb 2019	No Zoonotic diseases found
47	Mr. Umesh Vora	Labour	Feb 2019	No Zoonotic diseases found
48	Mr. Raimal Padhiyar	Labour	Feb 2019	No Zoonotic diseases found
49	Mr. Rajubhai Chelabhai	Labour	Feb 2019	No Zoonotic diseases found
50	Mr. Prakash Guarde	Labour	Feb 2019	No Zoonotic diseases found
51	Mr. Girish Vaghela	Labour	Feb 2019	No Zoonotic diseases found
52	Mr. Naresh Baraiya	Labour	Feb 2019	No Zoonotic diseases

				found
53	Mr. Kishan Mavji	Labour	Feb 2019	No Zoonotic diseases found
54	Mr Tulsibhai Dahyabhai	Safai Kamdar	Feb 2019	No Zoonotic diseases found
55	Mr. Rajesh Haribhai	Sweeper	Feb 2019	No Zoonotic diseases found
56	Mr. Ramkishor R. Yadav	Sweeper	Feb 2019	No Zoonotic diseases found

17. Development Works carried out in the zoo during the year 2018-2019

During the Kankaria Carnival ,2018 Zoo Department started New facility of Battery operated car which was Inaugurated by Hon. Chief Minister Shri Vijaybhai Rupani on Date 25/12/2018 and This is very helpful for visitors especially senior citizens, children's with minimum fee.



News paper . Navgujarat Samay Dt. 01.03.2019

18. Education and Awareness programmes during the year

Zoo Educational Activities:

Ahmedabad Zoo has celebrated Wildlife Week from 1st to 7th Oct 2017, Animal welfare fortnight 14th to 30th January 2018 and World wildlife day on 3rd March 2018 to create awareness about wildlife and animal welfare among the visitors, We are also allowing students free entry during these celebrations.



Zoo Education and Training



- **Veterinary Students Internship Programme:**

Three Veterinary Colleges of Gujarat are sending their students to Ahmedabad zoo for their Internship Programme. In this year total 165 students completed their Internship from Ahmedabad Zoo.







Friends of Zoo Scheme

- No. of Adopters ó 32
- No. of Adopted Animals ó 43
 - Mammals ó 07
 - Birds ó 23
 - Reptiles - 13
- Income Rs. 4, 61, 700/00

19. Important Events and happenings –

As per Central Zoo Authority permission, Ahmedabad Zoo transported 3 pair of Leopards from Lion Tiger safari park, Shimoga, Karnataka on 09.07.2018.

મંગળવાર, તા. ૨૧ ઓગસ્ટ, ૨૦૧૮

કાંકરિયા ઝૂમાં ૬ નવા મહેમાનોનું આગમન
કર્ણાટકના ટાઈગર સફારી પાર્કમાંથી કુલ ૬
દીપડા કાંકરિયા ઝૂ માં લાવવામાં આવ્યા



(તસ્વીર : ગૌતમ મહેતા)

અમદાવાદ, સોમવાર
 અમદાવાદના કાંકરિયા પ્રાણી સંગ્રહાલયમાં ૬ નવા મહેમાનોનું

સંગ્રહાલયમાં રાખવામાં આવ્યા છે. ઝૂ માં દીપડાઓની કુલ સંખ્યા હવે ૮ થઈ ગઈ છે.

દીપડાઓને ઝૂ માં મૂકતા પહેલાં એક મહિનો નિરીક્ષણ હેઠળ રખાયા હતા કર્ણાટકમાંથી લવાયેલા ૩ માદા દીપડાના નામ બનશંકરી, તુંગા અને કલ્પના છે. જ્યારે અન્ય ૩ નર દીપડાના નામ પ્રદિપા, પ્રવિના, અને સંદિપ છે. જેમની ઉંમર ૩ થી ૫ વર્ષની છે. કાંકરિયામાં જે ૩ દીપડા છે. તેઓના નામ અનુક્રમે શનિ, જયા અને મીલી છે. જેઓની ઉંમર ૧ થી ૧૮ વર્ષની છે. જે હવે વૃદ્ધ થઈ ગયા છે. દીપડાનું આયુષ્ય ૧૨ થી ૧૫ વર્ષનું હોય છે. દીપડો દિવસમાં ત્રણ કિલો માસ ખાતા હોય છે. એક મહિના પહેલા કર્ણાટકથી આ ૬ દીપડાઓને અમદાવાદમાં લવાયા હતા. જોકે મુલાકાતીઓના સીધા સંપર્કમાં આવે તે પહેલા તેઓની વર્તન, સ્વભાવ, અને હવામાનની અનુકૂળતા અંગે નિરીક્ષણ કરાતું હોય છે. તેથી તેઓએ અત્યાર સુધી જુના ઝૂ માં એકાંતમાં રાખવામાં આવ્યા હતા. એક માસના નિરીક્ષણ બાદ તેઓ હવે ઝૂ માં મૂલાકાતીઓ જોઈ શકે તે માટે પાંજરામાં મૂકવા લાયક લાગતા તેઓને આજથી ત્યાં મૂકાયા છે.

આ અંગે કાંકરિયા પ્રાણી સંગ્રહાલયના સુપ્રિટેન્ડેન્ટ આર.કે.શાહુએ જણાવ્યું હતું કે સેન્ટ્રલ ઝૂ ઓથોરીટી નવી દિલ્હીની મંજૂરી બાદ કર્ણાટકમાંથી આ દીપડાઓને લવાયા છે. કાંકરિયા પ્રાણી સંગ્રહાલય પાસે ૩ દીપડા હતા જે વયોવૃદ્ધ થઈ ગયા છે. જેઓને નવા બનાવવામાં આવેલા નિશાયર પ્રાણી સંગ્રહાલયમાં રાખવામાં આવતા કાંકરિયા ઝૂ માં એકપણ દીપડો નહોતો. જેને લઈને અન્ય રાજ્યોમાંથી દીપડાઓ મંગાવવા માટે પત્રો લખાયા હતા. કર્ણાટક અને મહારાષ્ટ્ર દીપડાઓ આપવાની સ્વીકૃતિ આપી હતી. જેમાં

દીપડાના બ્રીડિંગ પર પ્રતિબંધ હોવાથી નર-માદાને અલગ રખાશે કર્ણાટકથી લવાયેલા દીપડાઓને નિશાયર ઝૂ ના બે ડાર્ક રૂમમાં અને ઓપન પાંજરામાં જરૂરીયાત મુજબ રાખવામાં આવશે. જોકે નર-માદા દીપડા એકબીજાના સંપર્કમાં ન આવે તે માટે નર-નર અને માદા-માદા એમ બે જૂથમાં રાખવામાં આવશે. આ અંગે આર.કે.શાહુના જણાવ્યા મુજબ દેશમાં દીપડાઓની સંખ્યા વધુ હોવાથી તેઓના બ્રીડિંગ પર સરકારે પ્રતિબંધ મૂકેલો છે. જેને લઈને નર-માદા દીપડાઓને અલગ રાખવામાં આવશે.

દીપડા આવે ત્યારે કૂતરાઓ ભસવાનું ભૂલી જતા હોય છે: કૂતરા, વાંદરા પ્રિય ખોરાક

ગુજરાત સહિત દેશભરમાં દીપડાઓની સંખ્યા ખૂબ જ વધી ગઈ છે. સમયાંતરે દીપડાઓ ગામડાઓમાં, શહેરોમાં ઘૂસી જઈને જાનવરોને મારી નાંખે છે, નાના બાળકોને ઉઠવી જાય છે તેમજ માનવીને ઘાયલ કરી નાંખતા હોવાના અનેક બનાવો સામે આવતા હોય છે. દીપડો એ લુચ્ચ પ્રાણી છે. ઝાડ પર ચઢવાની અને ગમે ત્યાં સંતાઈ જવાની તેની ખાસ આવડત છે. દીપડોએ નિશાયર પ્રાણી છે જે રાત્રિ દરમિયાન શિકાર માટે નીકળતું હોય છે. કૂતરા અને વાંદરા તેના પ્રિય ખોરાક છે. ગામમાં દીપડો આવે તો કૂતરાઓ ગભરાટના માયાં ભસવાનું પણ ભૂલી જતા હોય છે. દીપડો ઝાડ પર ચઢીને વાંદરાનો શિકાર કરવાની આવડત ધરાવતો હોય છે.

કર્ણાટકે તત્પરતા દાખવીને આ ૬ દીપડાઓ આપ્યા છે. જેઓને એક મોટા ટ્રકમાં ૬ પાંજરાઓમાં લવાયા હતા. હાલમાં આ દીપડાઓને કાંકરિયા ઝૂ માં જ રાખવામાં આવશે. કાંકરિયા ઝૂ માં હાલમાં ૧૮૬૯ પશુ-પક્ષીઓની સંખ્યા છે. જેમાં સિંહ-સિંહણ-૩, વાઘ-વાઘણ-૩, હિમાલયન રીઇ-૨, હિપોપોટેમસ-૨, ઝરખ-૧ છે. હવે કાંકરિયામાં દીપડાની સંખ્યા ૮ થઈ ગઈ છે. જે હવે મુસાલાકીઓ માટે આકર્ષણનું કેન્દ્ર બન્યા છે.

20. Seasonal special arrangements for upkeep of animals:

Ahmedabad Zoo is making special arrangements during winter season to all mammals with heater and dry grasses for bedding. For reptiles we are providing earthen pot with bulb this practical of heating arrangements for reptiles Ahmedabad Zoo has started and Published paper in 1992. For birds we are providing brooder for heating.

During summer we are providing coolers, Mist/micro sprinklers for all mammals and water body to those who love water, provision of green net also make available to avoid direct sun light in enclosures. Every year we are planting trees and creepers for making natural shades in animal enclosures.

Rainy season does not create much problem in urban zoos but we have provision of shades and Plastic sheets to protect them from heavy rain.



ews Paper – Gujarat Samachar Dt. 31.03.2019

21. Research Work carried out and publications

Students list of Research study in zoo :

1. Gujarat Environment Management Institute (GEMI)
Subject : Authorization of GEMI's official for sample collection and monitoring of Kankaria Lake for scientific Study on Lake Assessment.

2. Ms. Rashmila K.
Faculty of Design,
CEPT University, Ahmedabad.
Subject : Design of Tiger and Hippopotamus Enclosure.

3. Ms. Vedica Kedia,
Faculty of Design,
CEPT University, Ahmedabad.
Subject : Design of Tiger and Hippopotamus Enclosure.

4. Ms. Karishma Mewada,
School of Architecture,
Anant Institute of Architecture, Ahmedabad.
Subject : Design of Aquarium.

5. Ms. Priyanka Panchal,
School of Architecture,
Anant Institute of Architecture, Ahmedabad.
Subject : About Zoo animals cages.

6. Ms. Chanda Patel,
School of Architecture,
Anant Institute of Architecture, Ahmedabad.
Subject : About Kankaria Lake study.

7. Mr. Darshit Mesariya,
PGD in Wildlife, Department of Zoology,
Gujarat University, Ahmedabad.
Subject : Wildlife study in Zoo

8. Mr. Bhargav Limbachia,
PGD in Wildlife, Department of Zoology,
Gujarat University, Ahmedabad.
Subject : Wildlife study in Zoo

9. Ms. Dhareetree Gosaliya,
PGD in Wildlife, Department of Zoology,
Gujarat University, Ahmedabad.
Subject : Wildlife study in Zoo

10. Ms. Gayatri Dave,
PGD in Wildlife, Department of Zoology,
Gujarat University, Ahmedabad.
Subject : Wildlife study in Zoo

11. Mr. Sachin Daraji,
M. Sc. in Zoology, Department of Life Sciences,
Hemchandrachary North Gujarat University,
Patan.
Subject : Comparative behaviour study of Panthera family.

12. Ms. Nirali Panchal,
M. Sc. in Zoology, Department of Life Sciences,
Ahmedabad University,
Ahmedabad
Subject : Monitoring stress physiology of carnivores through -
non-invasive fecal sampling.

13. Ms. Chena Desai,
M. Sc. in Zoology, Department of Life Sciences,
Ahmedabad University,
Ahmedabad
Subject : Monitoring stress physiology of carnivores through -
non-invasive fecal sampling.

14. Ms. Devanshi Bhatt,
M. Sc. in Forensic Science, Department of Biochemistry and
Forensic science, University School of Science,
Gujarat University,
Ahmedabad.
Subject : Developing non-destructive methods for forensic -
analysis of exhibits of Owl and Peacock.

15. Ms. Priya Raval,
M. Sc. in Forensic Science, Department of Biochemistry and
Forensic science, University School of Science,
Gujarat University,
Ahmedabad.
Subject : Developing non-destructive methods for forensic -
analysis of exhibits of Owl and Peacock.
16. Ms. Maitri Udani,
B. Arch. 10th Semester Student,
L. J. School of Architecture,
Ahmedabad.
Subject : Design thesis project of office and premoses.
17. Ms. Rudrakumari Dindod,
M. Sc. in Forensic Science, Department of Biochemistry and
Forensic science, University School of Science,
Gujarat University,
Ahmedabad.
Subject : Developing non-destructive methods for forensic -
analysis of exhibits of Indian Elephant.

22. Conservation Breeding Programme of the Zoo

Ahmedabad Zoo is doing Conservation Breeding Programme of Nicobar Pigeon, Indian Rock Python and Spoon bill.

Python snake pair produces 36 babies in Kankaria

Gargi Raval
gargi.raval@dnaindia.net

Size matters! At least, when it comes to the size of reptile enclosure, as has been proved at Kankaria zoo in Ahmedabad. A pair of Indian Python snakes has demonstrated an incredible rise in growth rate since they were moved to a bigger space in 2009, reported zoo officials. Moreover, they also had 36 babies over since then!

Till 2009, the reptiles were kept in a smaller enclosure and, as a result they had stunted growth. However, that changed when the central zoo authority of India issued a notification in 2008



People pour in large numbers to see the pythons

and the Ahmedabad Municipal Corporation, acting on it, shifted the reptiles in the local zoo to a bigger enclosure. "After shifting the reptiles to the new enclosure, the Indian Python snake pair has grown to around 17 feet each," said RK Sahu, Director of Kamala Nehru Zoological Park. "The babies' growth has also been incredible. When they were kept in smaller enclosures, their growth remained stunted. Now, the babies born in 2015 are 8 feet to 10 feet long, while the babies born in 2017 are 5 feet to 7 feet long. Moreover, the large space is allowing them to roam around freely. We have designed the enclosures in such a way that they get both rough and smooth surface."

Agreeing to the fact that enclosure size contributes to the growth of reptiles, Rajendrasinh Jadeja, Coordinator of Sundarvan, said: "The size of enclosure decides growth rate of the reptile. Smaller space limits the animal's movement and subsequently its growth. After 2008's guideline by the central zoo authority, the change has been brought in the zoo. The change in growth rate has to be credited to the size of the enclosure."

There are three enclosures for Indian Python snakes at the zoo, of which two are dedicated to house the snake babies. And they seem to be overcrowded. In 2015, 18 babies were born and in 2017, the pair had 16 babies. The AMC has given four babies to Rajkot Municipal Corporation zoo. However, as the babies are growing fast, space constraint is a major cause for concern for the zoo authorities, as they have yet to find them new homes.

News paper DNA Dt. 21.08.2018

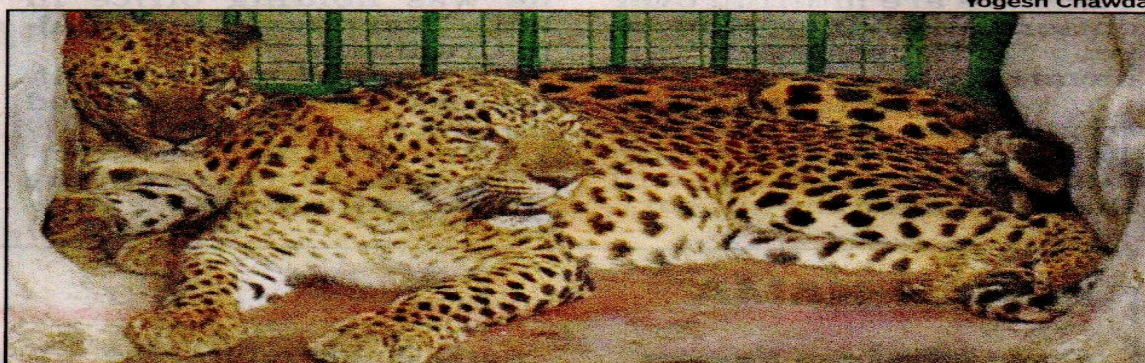
23. Animal acquisition / transfer / exchange during the year

As per Central Zoo Authority, New Delhi permission Ahmedabad Zoo received 3 pair of Leopards from Lion Tiger safari park, Shimoga, Karnataka.

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
	Wild Section and Nocturnal Zoo	Leopard	3 : 3	Lion Tiger safari park, Shimoga, Karnataka.	09.07.2018

Six leopards from Karnataka on show

Yogesh Chawda



Leopards brought from Karnataka at Kamala Nehru Zoo

Ahmedabad: The zoo authorities in Ahmedabad, to ensure they have more big cats for the nocturnal zoo that has been set up at the Kamla Nehru Zoological Garden in Kankaria, have got three pairs of leopards from the Shimoga Lion-Tiger Safari Park in Karnataka.

The three pairs of leopards have been acquired after the Zoo Authority of India gave the

Kamla Nehru Zoo permission for the move. The three male and three female leopards, between 3 to 5 years old, will be on display for the public at the nocturnal zoo. The cubs were brought here there months ago and the zoo authorities have created an environment like that in Shimoga. They have been acclimatized now, the zoo authorities said. The zoo had 3 leopards earlier. TNN

News Paper – Times Of India Dt. 21.08.2018

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

Sl.No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat

25. Annual Inventory of animals

Endangered Species*

S. No	Animal Name	Scientific name	Opening Stock as on Dt.01.04.18				Births			Acquisition			Disposal			Death			Closing Stock as on Dt.31.03.19				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	Bear Himalayan	<i>Ursus thibetanus</i>	1	1	0	02													1	1	0	02	
2	Black Buck	<i>Antilope cervicapra</i>	2	2	0	04													2	2	0	04	
3	Cat Jungle	<i>Felis chaus</i>	1	0	0	01													1	0	0	01	
4	Civet Common Palm	<i>Paradoxurus Hermaphroditus</i>	4	1	0	05													4	1	0	05	
5	Elephant Indian	<i>Elaphus maximus</i>	0	1	0	01													0	1	0	01	
6	Jackal	<i>Canis aureus</i>	4	15	0	19									0	1	0	4	14	0	18		
7	Langur Common	<i>Semnopithecus entellus</i>	20	7	0	27												20	7	0	27		
8	Leopard/Panther	<i>Panthera pardus</i>	1	2	0	03				3	3	0					0	1	0	4	4	0	08
9	Lion Indian	<i>Panthera leo persica</i>	1	2	0	03													1	2	0	03	
10	Macaque Bonnet	<i>Macaca radiata</i>	6	1	0	07									2	0	0	4	1	0	05		
11	Macaque Rhesus	<i>Macaca mulatta</i>	20	18	0	38	0	0	3						1	0	0	21	19	0	40		
12	Otter Common	<i>Lutrogale perspicillata</i>	1	1	0	02													1	1	0	02	
13	Porcupine Bengal	<i>Atherurus macrourus</i>	0	0	76	76	0	0	5				1	0	0	3	0	1	0	0	76	76	
14	Tiger Bengal	<i>Panthera tigris tigris</i>	1	1	0	02													1	1	0	02	
15	Tiger Bengal	<i>Panthera tigris</i>	0	1	0	01													0	1	0	01	

	(White)	<i>tigris</i>																			
16	Peafowl	<i>Pavo cristatus</i>	6	20	0	26												6	20	0	26
17	Peafowl White	<i>Pavo cristatus</i>	0	2	2	04						1	1	0				0	0	2	02
18	Pigeon Nicobar	<i>Caloenas nicobarica</i>	0	0	30	30								0	1	0		0	0	29	29
19	Spoonbill White	<i>Platalea leucorodia</i>	0	0	27	27	0	0	3									0	0	30	30
20	Vulture White Backed-Bengal	<i>Gyps bengalensis</i>	0	0	8	08												0	0	8	08
21	Kite	<i>Milvus migrans govinda</i>	0	0	1	01												0	0	1	01
22	Cobra Indian	<i>Naja naja</i>	0	0	15	15												0	0	15	15
23	Crocodile Long Snouted - Gharial	<i>Gavialis gangeticus</i>	0	0	3	03												0	0	3	03
24	Crocodile Marsh	<i>Crocodylus palustris</i>	0	0	9	09												0	0	9	09
25	Crocodile Salt Water	<i>Crocodylus porosus</i>	2	1	0	03												2	1	0	03
26	Monitor Lizards / Common Indian	<i>Varanus bengalensis</i>	1	2	0	03												1	2	0	03
27	Python Indian ó Rock	<i>Python molurus</i>	19	16	0	35	0	0	07									22	20	0	42
28	Snake Russels Viper	<i>Daboia russelii</i>	0	0	3	03												0	0	3	03
29	Snake Keelback Checkered	<i>Xenochrophis piscator</i>	0	0	5	05												0	0	5	05
30	Snake Rat /	<i>Ptyas mucosus</i>	0	0	5	05												0	0	5	05

		Total of Endangered Species	90	94	18 4	368	00	00	18	03	03	00	02	01	00	06	03	1	95	98	186	379
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*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

Part . B Other than Endangered Species

S. No	Animal Name	Scientific name	Opening Stock as on Dt.01.04.18				Births			Acquisition			Disposal			Death			Closing Stock as on Dt.31.03.19			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Deer Hog	<i>Axis porcinus</i>	26	34	0	60	0	0	17							2	3	0	31	41	0	72
2	Deer sambar	<i>Rusa unicolor</i>	2	4	0	06	1	0	0										2	5	0	07
3	Deer Spotted	<i>Axis axis</i>	56	87	0	143	0	0	8				0	5	0	6	5	0	54	81	0	135
4	Fox Flying	<i>Pteropus giganteus</i>	0	0	12	12													0	0	12	12
5	Hippopotamus	<i>Hippopotamus amphibius</i>	1	1	0	02													1	1	0	02
6	Hyena Stripped	<i>Hyaena hyaena</i>	0	1	0	01													0	1	0	01
7	Nilgai - Bluebull	<i>Boselaphus tragocamelus</i>	3	5	0	08	0	0	1										3	6	0	09
8	Babbler Common	<i>Turdoides caudatus</i>	0	0	1	01													0	0	1	01
9	Budgeriger	<i>Melopsittacus undulatus</i>	0	0	335	335	0	0	5							0	0	33	0	0	307	307
10	Cassowary	<i>Casuarus casuarus</i>	1	0	0	01													1	0	0	01
11	Cockatiel	<i>Nymphicus hollandicus</i>	0	0	274	274	0	0	12							0	0	13	0	0	273	273
12	Cockatoo	<i>Cacatua goffini</i>	0	0	6	06										1	0	0	0	0	5	05
13	Connure Brown	<i>Pyrrhura</i>	0	0	1	01										1	0	0	0	0	0	00

	Eared	<i>calliptera</i>																				
14	Connure Patagonian	<i>Cyanoliseus patagonus</i>	3	1	0	04													3	1	0	04
15	Connure Green Cheeked	<i>Pyrrhura molinae molinae</i>	2	2	0	04													2	2	0	04
16	Connure Yellow Sided	<i>Pyrrhura molinae molinae</i>	2	2	0	04													2	2	0	04
17	Cormorant Little	<i>Phalacrocorax niger</i>	0	0	11	11	0	0	1										0	0	12	12
18	Crane Crowned	<i>Balearica pavonina</i>	0	2	0	02													0	2	0	02
19	Dove Rufous Turtle	<i>Streptopelia orientalis</i>	0	0	21	21	0	0	1						4	0	0		0	0	18	18
20	Duck Comb	<i>Sarkidiornis melanotos</i>	0	0	19	19	0	0	3				5	5	0	0	1	0	0	0	11	11
21	Egrets	<i>Egretta garzetta</i>	0	0	12	12													0	0	12	12
22	Emu	<i>Dromaius novaehollandiae</i>	0	0	8	08	0	0	5										0	0	13	13
23	Finches	<i>Chloebia</i>	0	0	4	04													0	0	4	04
24	Flamingo	<i>Phoenicopterus roseus</i>	0	0	2	02									0	1	0		0	0	1	01
25	Goose Grey leg	<i>Anser anser</i>	0	0	5	05									1	1	0		0	0	3	03
26	Heron Indian Reef	<i>Egretta gularis</i>	0	0	1	01													0	0	1	01
27	Heron Night	<i>Nycticorax nycticorax</i>	0	0	38	38	0	0	6										0	0	44	44
28	Ibis black	<i>Pseudibis papillosa</i>	0	0	1	01													0	0	1	01
29	Ibis White	<i>Threskiornis melanocephalus</i>	0	0	30	30	0	0	2						1	0	1		0	0	30	30

30	Koel	<i>Eudynamys scolopacea</i>	0	0	3	03										1	1	0	0	0	1	01
31	Lapwing Red Wattled	<i>Vanellus indicus</i>	0	0	2	02										2	0	0	0	0	0	00
32	Lorry chattering	<i>Eos rubra</i>	1	1	0	02												1	1	0	02	
33	Lovebirds	<i>Agapornis</i>	0	0	124	124	0	0	12							0	0	6	0	0	130	130
34	Myna Common	<i>Acridotheres tristis</i>	0	0	4	04												0	0	4	04	
35	Parakeet African grey	<i>Psittacus erithacus</i>	0	0	3	03										0	1	0	0	0	2	02
36	Parakeet Alexandrine	<i>Psittacula eupatria</i>	0	0	44	44	0	0	7							1	0	0	0	0	50	50
37	Parakeet Blossom Headed	<i>Psittacula cyanocephala</i>	0	0	6	06	0	0	2									0	0	8	08	
38	Parakeet Rose Breasted	<i>Psittacula alexandri</i>	0	0	15	15	0	0	1							0	0	1	0	0	15	15
39	Parakeet Rose Ring	<i>Psittacula krameri</i>	0	0	72	72	0	0	4							0	0	1	0	0	75	75
40	Partridge Grey	<i>Francolinus pondicerianus</i>	1	0	0	01													1	0	0	01
41	Pelican Rosy	<i>Pelecanus onocrotalus</i>	0	0	36	36	0	0	4										0	0	40	40
42	Pheasant Golden	<i>Chrysolophus pictus</i>	4	4	0	08										1	1	0	3	3	0	06
43	Pheasant Silver	<i>Lophura nycthemera</i>	2	1	0	03													2	1	0	03
44	Pigeon Crowned	<i>Goura cristata</i>	3	1	0	04										1	0	0	2	1	0	03
45	Pigeon Pied Imperial	<i>Ducula bicolor</i>	1	1	0	02													1	1	0	02
46	Rosella Eastern	<i>Platycercus eximius</i>	1	1	0	02										1	0	0	0	1	0	01

47	Sparrow Java	<i>Padda oryzivora</i>	0	0	45	45	0	0	2							0	0	5	0	0	42	42
48	Stork Adjutant	<i>Leptoptilos dubius</i>	0	0	1	01													0	0	1	01
49	Stork Painted	<i>Mycteria leucocephala</i>	0	0	5	05										1	0	0	0	0	4	04
50	Stork White Neck	<i>Ciconia episcopus</i>	0	0	1	01													0	0	1	01
51	Weaver Bird	<i>Ploceus philippinus</i>	0	0	1	01										0	0	1	0	0	0	00
52	Krait	<i>Bungarus caeruleus</i>	0	0	2	02													0	0	2	02
53	Boa Johns	<i>Eryx johnii</i>	0	0	3	03													0	0	3	03
54	Boa Russels	<i>Gongylophis conicus</i>	0	0	5	05													0	0	5	05
55	Snake Trinket	<i>Coelognathus helena</i>	0	0	1	01													0	0	1	01
56	Tortoise Indian Star	<i>Geochelone elegans</i>	0	0	82	82										0	0	2	0	0	80	80
57	Turtle	<i>Lissemys punctata & Trachemys scripta elegans</i>	0	0	48	48	0	0	5										0	0	53	53
58	Green Anaconda	<i>Eunectes murinus</i>	2	2	0	04													2	2	0	04
		Total of other than Endangered Species	11 1	15 0	128 0	154 5	1	0	98				5	10	0	24	1 4	63	11 1	15 2	126 5	152 8
		Grand Total	20 1	24 4	146 8	191 3	1	0	116	3	3	0	7	11	0	30	1 7	64	20 6	25 0	145 1	190 7

26. Mortality of animals

Summary of Death during 2018-2019

Kamla Nehru Zoological Garden, Kankaria, Ahmedabad.

Sr. No.	Name of Species	Date	No.	Cause of Death
Mammals				
1	Jackal (F)	30/06/18	1	Old age & Volvulus
2	Leopard - Kalpana (F)	07/10/18	1	Old age
3	Macaque Bonnet (M)	08/09/18	1	Hepatitis
4	Macaque Bonnet (M)	10/09/18	1	Old age
5	Macaque Rhesus (M)	11/12/18	1	Old age
6	Porcupine Bengal	25/04/18	1	Old age
7	Porcupine Bengal (M)	13/05/18	1	Old age
8	Porcupine Bengal (M)	23/08/18	1	Old age
9	Porcupine Bengal (M)	05/02/19	1	Old age
10	Deer Hog (F)	29/05/18	1	Uterine Tumor
11	Deer Hog (M)	05/07/18	1	Old age
12	Deer Hog (F)	04/08/18	1	Old age
13	Deer Hog (M)	13/11/18	1	Old age
14	Deer Hog (F)	27/11/18	1	Infighting
15	Deer Spotted (M)	25/04/18	1	Old age
16	Deer Spotted (F)	29/05/18	1	Old age

17	Deer Spotted (M)	05/06/18	1	Old age
18	Deer Spotted (M)	09/07/18	1	Old age
19	Deer Spotted (M)	10/07/18	1	Old age
20	Deer Spotted (F)	27/08/18	1	Old age
21	Deer Spotted (F)	20/09/18	1	Old age
22	Deer Spotted (F)	05/10/18	1	Old age
23	Deer Spotted (M)	25/11/18	1	Infighting
24	Deer Spotted (F)	15/01/19	1	Old age
25	Deer Spotted (M)	24/03/19	1	Old age
	Total Mammals		25	
Birds				
1	Pigeon Nicobar (F)	25/03/19	1	Old age & Egg Bound Condition
2	Budgerigar	Diff. date	33	Enteritis, Old age, Stress, Infighting
3	Cockatiel	Diff. date	13	Enteritis, Old age, Stress, Infighting
4	Connure Brown Eared (M)	20/11/18	1	Old age
5	Cockatoo White(M)	10/07/18	1	Old age
6	Dove Rufous Turtle (M)	04/04/18	1	Old age
7	Dove Rufous Turtle (M)	30/05/18	1	Old age
8	Dove Rufous Turtle (M)	17/09/18	1	Old age
9	Dove rufous turtle (M)	16/02/19	1	Old age
10	Duck Comb (M)	08/05/18	1	Old age
11	Flamingo (F)	23/07/18	1	Old age

12	Goose Grey Leg (M)	12/12/18	1	Old age
13	Goose Grey Leg (F)	17/03/19	1	Old age
14	Ibis White	19/08/18	1	Old age
15	Ibis White (M)	25/02/19	1	Old age
16	Koel (M)	04/04/18	1	E. Stress
17	Koel (F)	02/07/18	1	Old age
18	Lapwing Red Wattled (M)	23/08/18	1	Old age
19	Lapwing Red Wattled (M)	03/03/19	1	Old age
20	Love bird Golden Cherry	03/04/18	1	Old age
21	Love bird Fischer's	25/06/18	1	E. Stress
22	Love bird peach faced	01/08/18	1	Old age
23	Love bird Blue peach faced	28/08/18	1	Old age
24	Love bird Golden Cherry	11/11/18	1	Old age
25	Lovebird Fischer's	13/01/19	1	Old age
26	Grey Parrot (F)	30/06/18	1	Old age
27	Parakeet Alexandrine (M)	18/11/18	1	Old age
28	Parakeet Rose Breasted (M)	04/04/18	1	E. Stress
29	Parakeet Rose Ring	04/02/19	1	Old age
30	Pheasant golden (M)	28/11/18	1	Old age
31	Pheasant golden (F)	23/12/18	1	Egg Bound Condition
32	Pigeon Crowned (M)	30/01/19	1	Septicemia
33	Rosella Eastern (M)	29/08/18	1	Old age
34	Sparrow Java	10/04/18	1	E. Stress
35	Sparrow Java	13/05/18	1	E. Stress
36	Sparrow Java	28/05/18	1	Old age
37	Sparrow Java	31/10/18	1	E. Stress

38	Sparrow Java	04/12/18	1	Old age
39	Stork Painted (M)	09/05/18	1	Old age
40	Weaver Bird	28/04/18	1	Old age
	Total Birds		84	
Reptiles				
1	Tortoise Indian Star	08/08/18	1	Old age
2	Tortoise Indian Star	30/01/19	1	Old age
	Total Reptiles		02	
	Grand Total of Animals		111	

27. 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. General Requirements					
1.	1.4	Appropriate barrier be provided at enclosures for Lion and Spotted deer in order to avoid disturbance from traffic on road passing adjacent to enclosures.	Six months	07.06.2016	Under Process
4. Animal housing, display of animals and animal enclosures					
2.	4.5	Enclosure for monkey to be modified as per norms prescribed by the Central Zoo Authority.	One year	07.06.2016	Design prepared sent to ASI for approval because Monument is under 100 meters
6. Veterinary and infrastructure facility					
3.	6.3	The Post of Lab Assistant at the zoo be filled up by a qualified person.	Six months	07.06.2016	Under Process
7. Postmortem and disposal of carcass of animals					
4.	7.1 & 7.4	1. Post Mortem room should be attached with a small room with wash basin and bathing facility for the VS to change cloths	Six months	07.06.2016	done

		as well as to take bath after completion of post mortem. 2.Installation of Incinerator should be completed.			Machine procured, civil work is going on
9. Acquisition and breeding of animals					
5.	9.4	Jungle cat housed singly at the zoo be paired.	One year	07.06.2016	We are corresponding with other zoo.
6.	9.6	Conservation breeding of Nicobar pigeon and Smooth Indian otter as a participating zoo. In case of Nicobar pigeon this may be taken up with Andaman Forest department.	One year	07.06.2016	We are corresponding with Andaman forest department for conservation breeding of Nicobar pigeon. We have acquired male otter from Surat Zoo
10. Research activities					
7	10.1	Zoo should implement the research Plan as per approved Master Plan.	One year	07.06.2016	We have done in Nocturnal Animal House

28. List of free living wild animals within the zoo premises

Sr. No.	Name of the Species
1	Little Cormorant
2	Little Egret
3	Cattle Egret
4	Pond Heron
5	Painted Stork
6	White Ibis
7	Black Ibis
8	Spoonbill
9	Kite Black
10	Shikra
11	Indian Peafowl
12	Water Hen white breasted
13	Partridge Grey
14	Blue Rock Pigeon
15	Langur Common
16	Red Turtle Dove
17	Ring Dove
18	Rose-ringed Parakeet
19	Indian Cuckoo
20	Asian Koel
21	Crow Pheasant
22	Spotted Owlet
23	White breasted Kingfisher

24	Small Blue Kingfisher
25	Small Bee eater
26	Indian Roller
27	Common Hoopoe
28	Lesser Golden backed Wood Pecker
29	Yellow fronted pied Wood Pecker
30	Black Drongo
31	Myna Brahminy
32	Rosy starling
33	Indian Myna
34	Bank Myna
35	House crow
36	Jungle Crow
37	Red vented Bulbul
38	Common Babbler
39	Jungle Babbler
40	Tailor Bird
41	Magpie-Robin
42	Indian Robin
43	White Wagtail
44	Yellow Wagtail
45	Purple Sunbird
46	House Sparrow