

A rhinoceros is the central focus, standing in a pool of bright green water. The rhino's skin is thick and textured, with a prominent horn on its head. The background is a lush green forest with trees and birds flying in the sky. The text is overlaid on the upper part of the image.

# ZOOLOGICAL GARDEN ALIPORE

## ANNUAL **REPORT**

2020-21



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# 01 report from the DIRECTOR'S DESK



The Annual Report of the Zoological Garden, Alipore, Kolkata, for the years 2020-2021 has been released with the aim of long-term growth. This zoo has had great success

rearing different varieties of deer, such as Brow-Antlered Deer, Barking Deer, and Spotted Deer, as well as Marsh Crocodiles, Wild Dogs, Lutino Parakeets, Common Marmoset, Zebra, Yellow Anacondas etc. in captivity. Many of these creatures are listed in the IUCN Red List and are listed under Schedule I of the Wildlife (Protection) Act, 1972.

A constant and serious effort was made to keep the Zoo's animals healthy. During this fiscal year, a Zoo Biologist, a Research Assistant, a Zoo Educator, and an Education Assistant were hired to keep track of inmate records, enclosure enrichment, and behavioural data, among other things, and to help the Zoo achieve its educational goals.

Fascinating greenery, gardening and landscaping added attraction to the visitors of the Zoo. This year the zoo was closed due to Covid-19 restrictions. The zoo opened on 2nd October, 2020 and the annual footfall from 2nd October, 2020 to 31st March, 2021 was near about 14 lac.

The Annual Report of the Zoological Garden, Alipore for the year 2019-2020 informs all zoo enthusiasts and others about many areas of management and developmental operations at

the Zoo. I am optimistic that the Zoological Garden Alipore will continue to thrive and grow as one of the country's best-managed zoos.

I extend my sincere thanks to Sri B. P. Gopalika, IAS, Addl. Chief Secretary, Department of Forests, Government of West Bengal, Sri R.K.Sinha, IFS, Principal Chief Conservator of Forests HoFF and Principal Chief Conservator of Forests, Wildlife and Chief Wildlife Warden, Government of West Bengal, Sri V.K. Yadav, IFS, Addl. Principal Chief Conservator of Forests and Member Secretary of West Bengal Zoo Authority and Sri Saurabh Chaudhuri, IFS, Addl. Principal Chief Conservator of Forests and Member Secretary of West Bengal Zoo Authority and also all senior officers of Department of Forests, Government of West Bengal and Central Zoo Authority for their support and co-operation in successfully managing the Zoological Garden, Alipore in a best possible manner under the given situation. I also extend my thanks to all the officers and staffs of the Zoological Garden, Alipore for their immense support in managing zoo in best possible manner.

A handwritten signature in blue ink, appearing to read 'Sandeep'.

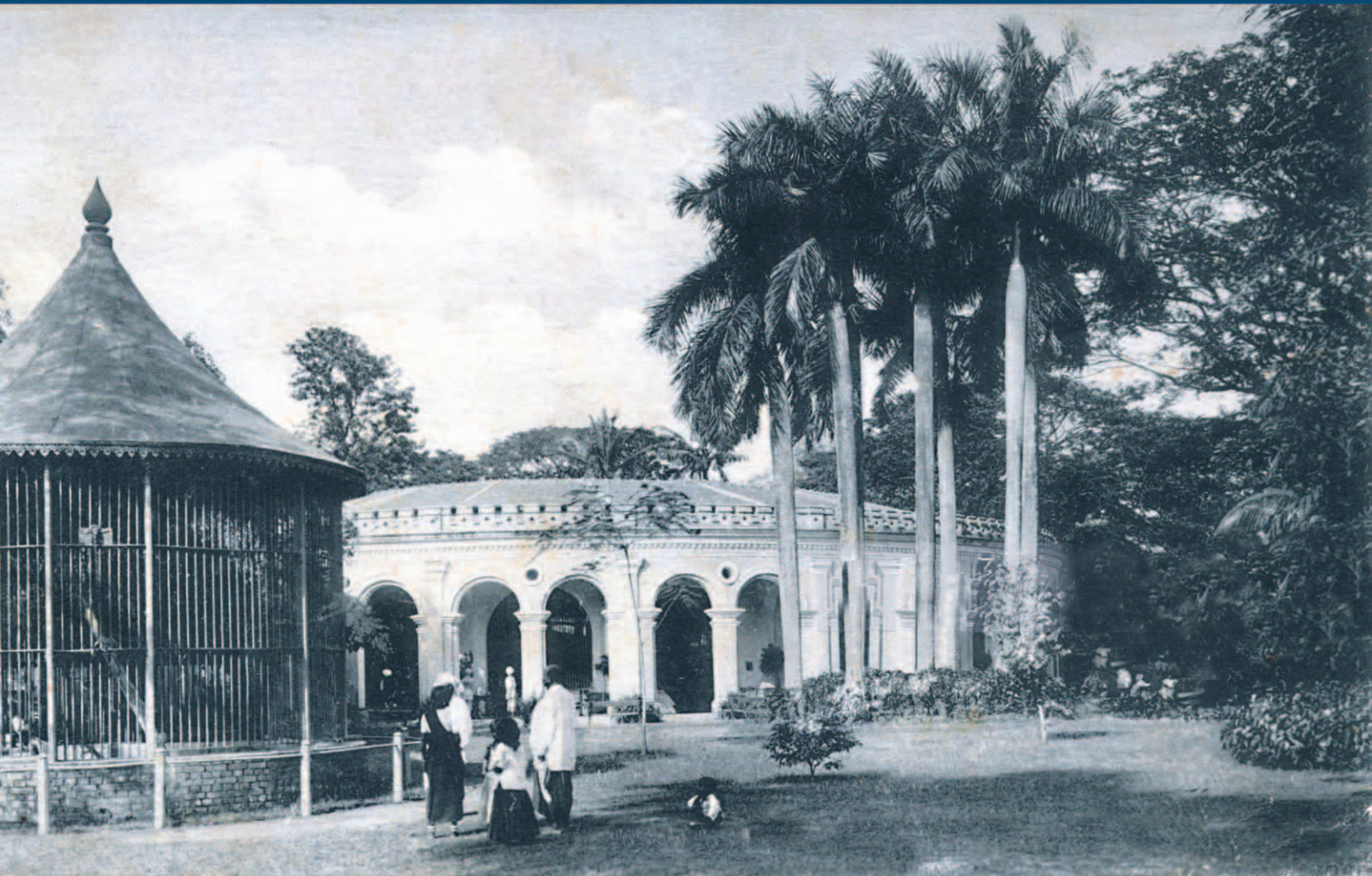
Director  
Zoological Garden, Alipore

# 02 zoological garden, alipore HISTORY OF THE ZOO

Since its founding on September 24, 1875, the Zoological Garden Alipore has gone through numerous phases. Initially, the inhabitants of Kolkata were generous in their support of the Zoo's establishment, both financially and by donating animals from their own collections to the Zoo.

After then, land development began, and animal homes were built to house the animals. The first animal house built within the Zoo was "Mullick

House," which was funded by Raja Rajendra Mullick Bahadur, the first Indian patron. This house was home to fowls and pheasants, which began breeding as early as February 1876. Following Mullick House, Burdwan House, now known as an open air moated enclosure for lions, was built at a cost of Rs.35,000/-, with the Maharaja of Burdwan donating the entire sum. Other animal houses/enclosures developed over time, each bearing the name of a kind donor.





Schwendler and the famed botanist George King served on an honorary governing committee that oversaw the park's early operations. Ram Brahma Sanyal, the zoo's first Indian superintendent, did much to boost the zoo's reputation and achieved good captive breeding success at an era when such endeavours were uncommon. A live birth of the rare Sumatran Rhinoceros in 1889 was one of the zoo's many successes. The following pregnancy in captivity took place in 1997 at the Cincinnati Zoo, but it resulted in a miscarriage. In 2001, the Cincinnati Zoo finally reported a live birth. Sanyal, who published the first handbook on captive animal keeping, made Alipore Zoo a pioneer among zoos in the 19th century and early part of the 20th century. For its time, the zoo had an extraordinarily high scientific quality.

After the establishment of Central Zoo Authority in India in the year 1992, open air moated enclosures for primates, white tiger, Indian

elephants, Indian lions and mugger, gharial & salt water crocodile were constructed with the financial help of Central Zoo Authority. During this period, remodeling of open air moated enclosure for hippopotamus was also carried out with the financial assistance of Government of West Bengal.

Since shifting of management of the Zoological Garden, Alipore from the Management Committee to the West Bengal Zoo Authority in the month of August, 2009, several developmental activities started at the Zoo and because of those activities face of the zoo changed enormously. Several outdated animal house like "Echidna House", "Balaram House", "Kiosk House", "Jungle Fowl Enclosure", "Cat Cage", "Leanto Shed" etc. were demolished and new enclosures are built. Also species specific enrichment work has been done for different enclosures.



# 03 ABOUT US

## zoological garden, alipore



### BASIC INFORMATION ABOUT THE ZOO

SL. NO.	PARTICULARS	INFORMATION
01	Name of the Zoo	Zoological Garden, Alipore, Kolkata
02	Year of Establishment	1875
03	Address of the Zoo	2 No. Alipore Road, Kolkata-700027, West Bengal, India
04	State	West Bengal
05	Telephone Number	+91 33 2479 1150 ; +91 33 2439 9391
06	Fax Number	+91 33 2479 1585
07	E-mail Address	Director: <a href="mailto:director@kolkatazoo.in">director@kolkatazoo.in</a> Deputy Director: <a href="mailto:dydir@kolkatazoo.in">dydir@kolkatazoo.in</a> Assistant Director: <a href="mailto:astdir@kolkatazoo.in">astdir@kolkatazoo.in</a>
08	Website	<a href="http://www.kolkatazoo.in">http://www.kolkatazoo.in</a>
09	Distance from nearest	Airport: 17.4 km; Railway Station: 7 km Bus Stand: 0 km



SL. NO.	PARTICULARS	INFORMATION
10	Recognition valid up to (Date)	-----
11	Category of the Zoo	Large
12	Area (in Acre)	18.81 Ha.
13	No. of Visitors (Financial Year)	Adult: 1282632; Children: 133076 Total Visitors: 1415708 Aquarium Visitors: 45865
14	Visitors Facilities Available in Zoo	Proper Toilets, Resting Sheds at different locations, Decorative Benches, Drinking Water etc.
15	Weekly Closure Day of the Zoo	Thursday

### OWNER/OPERATOR OF THE ZOO

16	Name of the Operator	Addl. Chief Secretary to the Govt. of West Bengal, Department of Forests, Government of West Bengal
17	Address of the Operator	Aranya Bhawan, Block-LA-10A, Sector-III, Salt Lake City, Kolkata-700106, West Bengal
18	Contact Details/Phone numbers of Operator	Phone: +913323355011 (EPABX), 033-2335-8755
19	E-mail Address of Operator	FAX: +913323350012 mswbza@gmail.com, wbzooauthority@yahoo.in

### MANAGEMENT PERSONNEL OF THE ZOO

20	Name with Designation of the Officer-in-Charge	Sri Asis Kumar Samanta, IFS, Director
	Name of the Deputy Director	Dr. Piyali Chattopadhyay
	Name of the Assistant Director	Sri Pradip Kumar Datta, WBFS (Retd.)
	Name of the Veterinary Officer	Dr. Chayan Bhattacharya, Dr. Arnab Majie, Dr. Santanu Shome
	Name of the Curator	-----
	Name of the Biologist	Smt. Sayani Maji / Sri Samya Basu
	Name of the Dietician/Kitchen Supervisor	Smt. Runia Ghatak
	Name of the Zoo Educator	Smt. Rupsha Brahmachari
	Name of the Education Assistant	Ms. Moumita Sarkar
	Name of the Research Assistant	Ms. Sayani Maji
	Name of the Veterinary Assistant	Sri Sanjit Pandit



**NEWBORNS**



# 04 zoo idealism ZOO VISION




“

To provide future direction for modernization & upgradation of the Zoological Garden, Alipore to such extent that in spite of being one of the oldest Zoos of India , it can be at par with one of the best Zoos of the country. For that purpose the available resources, planned breeding, research etc. would be the essential tools keeping in mind the constraints, limitations and inherent challenges of an old Zoo.

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# 05 our efforts to ZOO MISSION



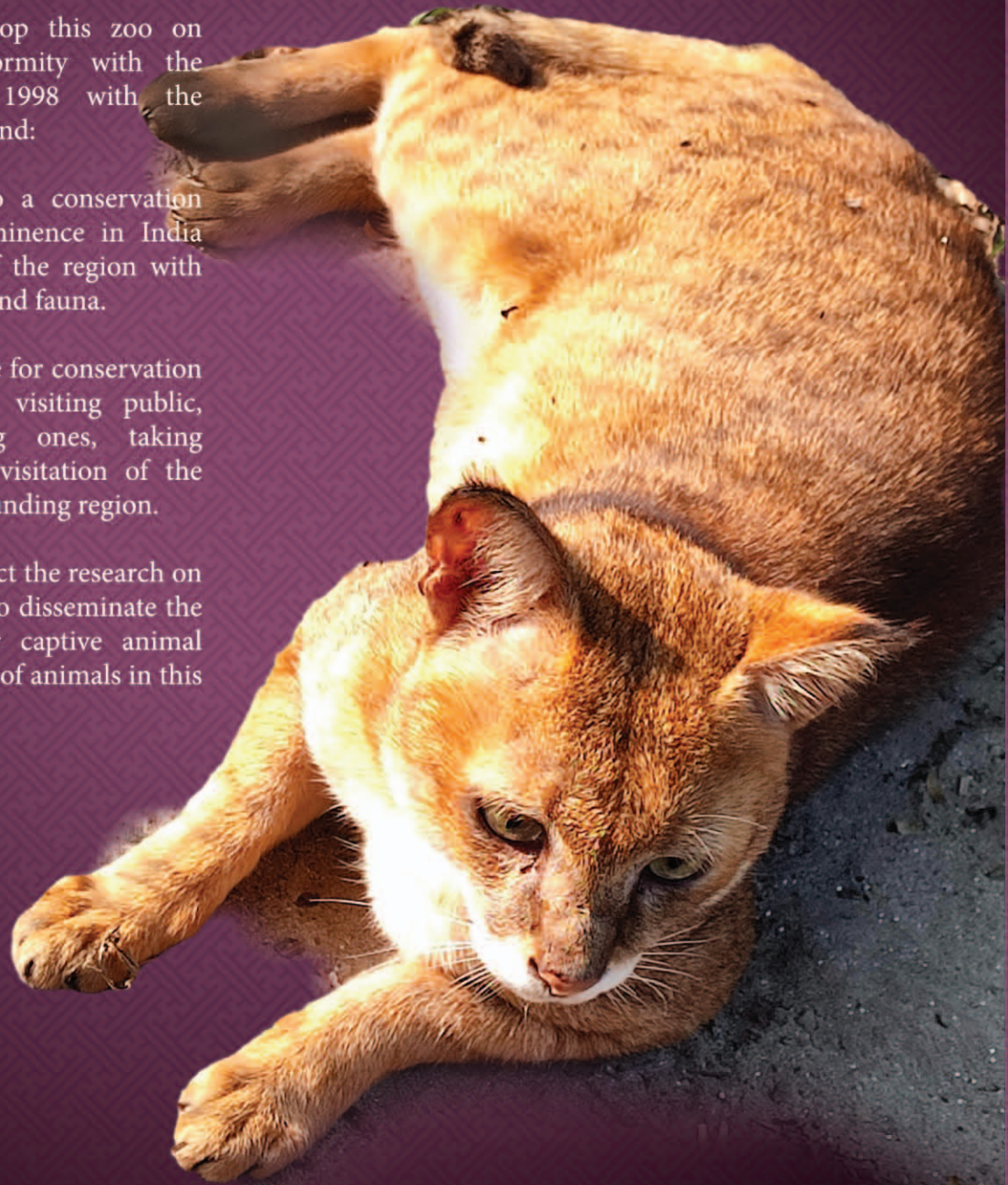
The mission of the Zoological Garden, Alipore is “Conservation of wild animals from India and abroad with special reference to the wet land fauna and education & research for sustainable conservation of wild fauna which are under severe threat due to biotic interference”.

# 06 objectives of the zoo

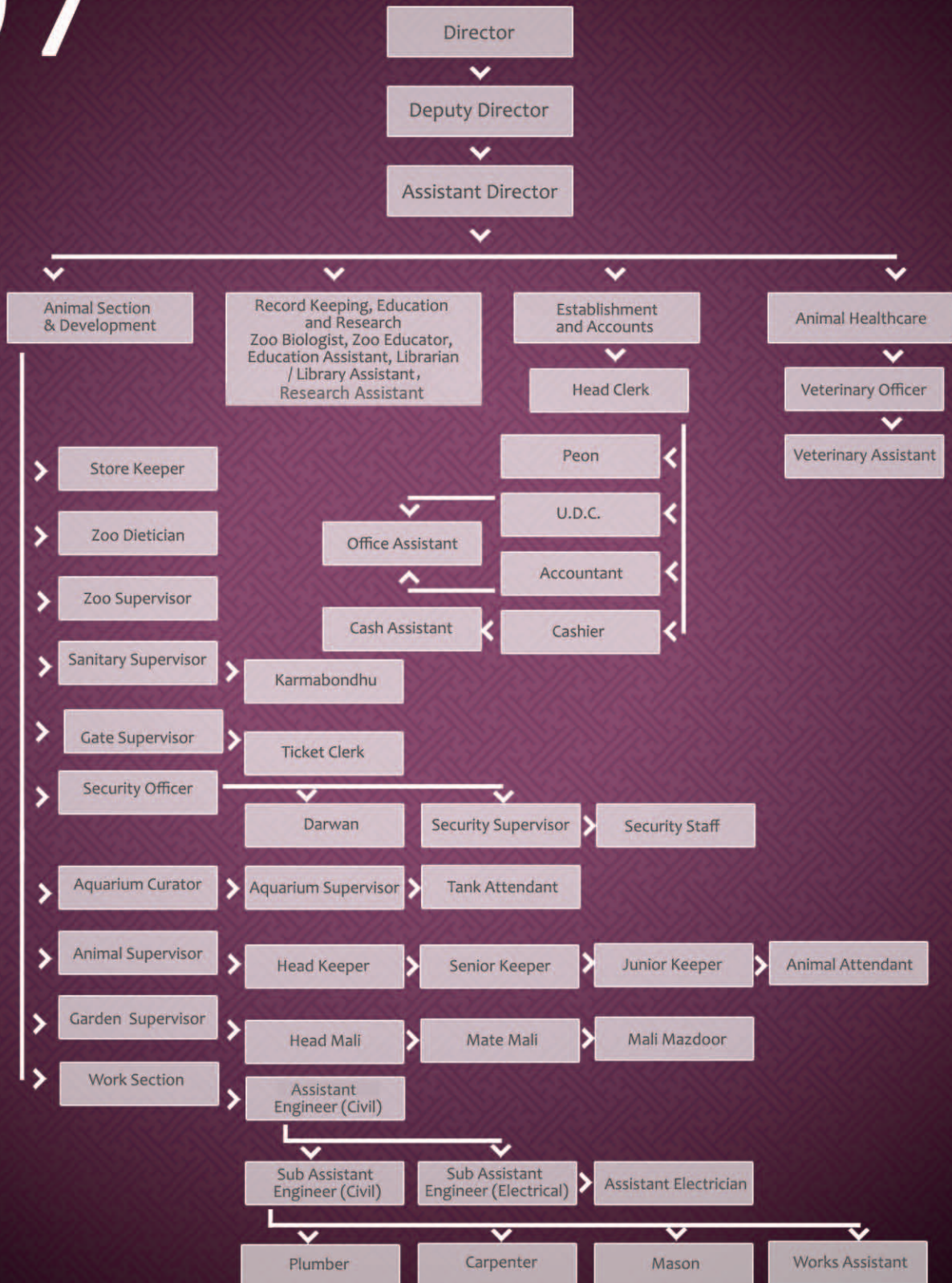
## OUR OBJECTIVE

It is intended to develop this zoo on modern lines in conformity with the National Zoo Policy, 1998 with the following objectives in mind:

- i) Make Alipore Zoo a conservation breeding centre of prominence in India with focus on species of the region with special emphasis on wetland fauna.
- ii) Make the zoo a centre for conservation and awareness for the visiting public, particularly the young ones, taking advantage of the large visitation of the metropolis and the surrounding region.
- iii) To initiate and conduct the research on wildlife in captivity and to disseminate the results thereof to other captive animal facilities for conservation of animals in this wild.



# 07 ORGANIZATIONAL CHART



Note:- Security personnel and cleaning personnel deployed through outsourcing agency.

# 08 manpower of the garden

## HUMAN RESOURCE

Sl. No.	Designation	Number of Sanctioned Strength	Number of Registered Strength
01	Director	1	1
02	Deputy Director	1	1
03	Asst. Director	1	1
04	Zoo Biologist	1	1
05	Dietician/Kitchen Supervisor	1	1
06	Zoo Educator	1	1
07	Education Assistant	1	1
08	Head Clerk	1	1
09	Accountant	1	1
10	Stenographer	1	1
11	Cashier	1	1
12	Upper Division Clerk	5	3
13	Store- Keeper	1	1
14	Lower Division Clerk	7	0
15	Demonstrator	1	0
16	Assistant Demonstrator.	1	0
17	Cash Collecting Sarkar	1	0
18	Librarian	1	0
19	Assistant Librarian	1	1
20	Gate Supervisor	2	1
21	Ticket Clerk	16	12
22	Asst. Engineer	1	1
23	Sub-Assistant Engineer (Civil)	2	1
24	Sub-Assistant Engineer (Electrical)	1	1
25	Works Assistant	2	0

Sl. No.	Designation	Number of Sanctioned Strength	Number of Registered Strength
26	Fitter	1	0
27	Carpenter	1	0
28	Assistant Wireman	1	1
29	Mason	1	1
30	Pumpman	1	0
31	Veterinary Officer	3	3
32	Veterinary Assistant	2	2
33	Technical Assistant	1	0
34	Field Assistant	1	0
35	Peon	7	6
36	Sweeper	5	3
37	Label Writer	1	0
38	Animal Supervisor.	2	2
39	Head Keeper	4	4
40	Senior Keeper	6	6
41	Junior Keeper	54	48
42	Head Mali	1	1
43	Mate –Mali	3	3
44	Mali Mazdoor	60	17
45	Head Durwan	3	2
46	Mate Durwan	3	1
47	Durwan	60	0
48	Curator of Aquarium	1	0
49	Aquarium Supervisor	1	0
50	Tank Attendant	6	2





# 09 zoo personnel CAPACITY BUILDING



Sl. No.	Name and Designation of Zoo personnel	Subject Matter of Training	Period of Training	Name of the Institution where the training attended
1	---	---	---	---
2	---	---	---	---
3	---	---	---	---

# 10 alipore zoo ADVISORY COMMITTEE

a. Date of constitution : Governing Body constituted as on 23.12.2009

b. Members :

- |  |                 |
|--|-----------------|
| 1. Chief Secretary to the Govt of West Bengal,   | Chairman        |
| 2. Addl. Chief Secretary, Dept of Forest, Govt of West Bengal,                             | Vice Chairman   |
| 3. Principal Chief Conservator of Forest & Head of Forest Force,<br>Govt of West Bengal.   | Member          |
| 4. Principal Chief Conservator of Forest & Chief Wild Life Warden,<br>Govt of West Bengal. | Member          |
| 5. Member Secretary, West Bengal Zoo Authority   | Member          |
| 6. Director, PNHZP   | Member          |
| 7. Director, Zoological Garden, Alipore  | Member          |
| 8. Director Animal Health Veterinary Science, West Bengal                                  | Member          |
| 9. Additional Secretary, Dept. Of Forest   | Special Invitee |

c. Dates on which Meetings held during the year :

03/12/2020 (TC Meeting)  
08/12/2020 (GB Meeting)



# 11 HEALTH ADVISORY COMMITTEE

a. Date of constitution : 01.02.2018

b. Members :

- |   |          |
|---|----------|
| 1. Joint Secretary, ARD, IAH & VB Kolkata | Chairman |
| 2. Veterinary Officer, ARD, IAH & VB      | Member   |
| 3. Specialist ARD, IAH & VB               | Member   |
| 4. Assistant Director, ARD, IAH & VB      | Member   |

c. Dates on which Meetings held during the year: N.A.



# 12 account statements

## PROFIT & LOSS A/C

Particulars	Amount Rs.	Amount Rs.	Particulars	Amount Rs.	Amount Rs.
<b>Opening Stock</b>			<b>SALES ACCOUNTS</b>		
<b>PURCHASE ACCOUNTS</b>			<i>Sales Bills to Make</i>		
<i>Purchase Bills to Come</i>			<b>DIRECT INCOMES</b>		<b>53971111.63</b>
<b>DIRECT EXPENSES</b>		<b>69314802.00</b>	GATE COLLECTION	41843603.20	
NATURE EDUCATION & AWARENESS GENERATION	818067.00		OTHER COLLECTIONS	55742.00	
NUTRITION AND HEALTHCARE EXPENDITURE	44712449.00		RENTAL INCOME	11841766.43	
RESEARCH & TRAINING			SCHEME INCOMES	230000.00	
SOIL CONSERVATION EXPENSES			<b>INDIRECT INCOMES</b>		<b>93242032.61</b>
ZOO MAINTENANCE EXPENSES	23784286.00		INTEREST INCOME	2858739.48	
<b>INDIRECT EXPENSES</b>		<b>77898342.24</b>	OTHER INCOMES	1228347.00	
NON - PLAN EXPENDITURES	77898342.24		REIMBURSEMENT FROM EMPLOYEES		
<i>Nett Profit</i>			TRANSFER OF UTILIZED FUNDS	89154946.13	
			<i>Recovery From Employee Electric Expenses</i>		
			<b>Closing Stock</b>		
<b>Total</b>		<b>147213144.24</b>	<b>Total</b>		<b>147213144.24</b>



# 13 schedule of animals

## DAILY FEED

SL NO.	SPECIES	FEED ITEM	QUANTITY (Kg.) / number per individual.		Day of Fasting
			Summer	Winter	
1.	Giraffe	Concentrated feed	4.85	4.85	No fasting day
		Sweet potato & carrot	4	4	
		Banana	3.5	3.5	
		Apple	2.5	2.5	
		Oranges	4	4	
		Green fodder & cut branches	10	10	
2.	Zebra	Concentrated feed	3.8	3.8	No fasting day
		Sweet potato & carrot	3.25	3.25	
		Hay grass	1.5	1.5	
3.	Barking Deer	Concentrated feed	0.6	0.6	No fasting day
		Sweet potato & carrot	0.3	0.3	
		Green fodder	1.3	1.3	
4.	Spotted Deer	Concentrated feed	1.5	1.5	No fasting day
		Sweet potato & carrot	0.8	0.8	
		Green fodder	4	4	
5.	Brow antlered Deer	Concentrated feed	3	3	No fasting day
		Sweet potato & carrot	0.6	0.6	
		Green fodder	3	3	
6.	Sambar Deer	Concentrated feed	4	4	No fasting day
		Sweet potato & carrot	1	1	
		Green fodder	4	4	
7.	Black Buck	Concentrated feed	1.5	1.5	No fasting day
		Sweet potato & carrot	0.4	0.4	
		Green fodder	2	2	
8.	Swamp Deer	Concentrated feed	3	3	No fasting day
		Sweet potato & carrot	0.8	0.8	
		Green fodder	2	2	
9.	Rhino	Concentrated feed	6	6	No fasting day
		Sweet potato & carrot	5	5	
		Green grass	40	40	
		Banana	4.5	4.5	
		Sugarcane Top	15	15	
10.	Hippo	Concentrated feed	8	8	No fasting day
		Sweet potato & carrot	3	3	
		Green grass	33	33	



## Daily feed schedule of animals

11.	Elephant	Rice	1.25	1.25	No fasting day
		Soaked gram	0.75	0.75	
		Paddy	0.5	0.5	
		Lentil	1	1	
		Wheat	1.25	1.25	
		Fodder	50	50	
		Sugarcane Top	37	37	
		Banana	5	5	
12.	Bear	Rice	0.5	0.5	No fasting day
		Wheat	0.3	0.3	
		Milk	0.5	0.5	
		Molasses	0.25	0.25	
		Honey	–	0.1	
		Sour Curd	0.25	–	
13.	Chimpanzee	Complan	2 tsp with 0.5kg milk & sugar	2 tsp with 0.5kg milk & sugar	No fasting day
		Bread	½ pound	½ pound	
		Musumbi	0.3	0.3	
		Apple	0.5	0.5	
		Banana	2	2	
		Dry fruits	0.1	0.1	
		Carrot & sweet potato	0.8	0.8	
		Lettuce	0.1	0.1	
Other Vegetables	1	1			
14.	Marmoset	Lactogen	0.005	0.005	No fasting day
		Glucose powder	0.002	0.002	
		Banana (Kanthali)	0.1	0.1	
		Apple	0.01	0.01	
		Cucumber	0.005	0.005	
		Orange	0.005	0.005	
		Soaked gram	0.030	0.030	
		Bread	0.25	0.25	
		Boiled egg	1/3 daily	1/3 daily	
		Grapes & raisins	0.010	0.010	
15.	Nilgai	Concentrated feed	4	4	No fasting day
		Sweet potato & carrot	0.5	0.5	
		Green grass	3	3	
		Paddy straw	1	1	
16.	Porcupine	Sweet potato & carrot	0.2	0.2	No fasting day
		Pumpkin	0.050	0.050	
		Soaked Gram	0.075	0.075	
		Bread	¼ pound	¼ pound	
		Other Vegetables	0.150	0.150	



LAT



## Daily feed schedule of animals

17.	Kangaroo	Apple	0.25	0.25	No fasting day
		Carrots & sweet potato	0.40	0.40	
		Banana	0.20	0.20	
		Chattu	0.25	0.25	
		Jaggery	0.010	0.010	
		Beans	0.50	0.50	
		Watermelon	0.500	0.500	
		Cucumber	0.500	0.500	
		Oats & Grass	0.500	0.500	
18.	Mouse Deer	Carrots & sweet potato	0.250	0.250	No fasting day
		Chola & Corn	0.100	0.100	
		Apple & banana	0.100	0.100	
		Green grass	0.250	0.250	
19.	Tiger	Buffalo meat	8.5	11.5	Thursday
20.	Lion	Buffalo meat	8.5	10.5	Thursday
21.	Leopard	Buffalo meat	4.5	4	Thursday
22.	Jaguar	Buffalo meat	5	3	Thursday
23.	Hyena	Buffalo meat	4	3.5	Thursday
24.	Jackal	Live fowl	1	1.5	No fasting day
25.	Wolf	Live fowl	1	1.5	No fasting day
26.	Jungle Cat	Live fowl	1	1.5	No fasting day
27.	Fishing Cat	Live fish	1	1	No fasting day
28.	Crocodile	Live Fish	2-2.5	-	Mon,Wed,Fri,Sun
29.	Reptiles	Frogs, snakes etc	6 nos.	-	Given only on Thursday
30.	Monitor Lizards	Chicken	0.75(on Monday)	-	All day except Monday
		Fish	0.75(on Friday)	-	
31.	Birds of Psittacidae Family	Soaked maize & gram	0.050	0.050	No fasting day
		Sunflower seed	0.025	0.025	
		Kusum seed	0.025	0.025	
		Ground nut	0.050	0.050	
		Sugar cane	0.050	0.050	
		Fruits	0.100	0.100	
		Milk & bread	0.075	0.075	
32.	Hill Moyna	Fruits	0.050	0.050	No fasting day
		Milk & bread	0.050	0.050	
33.	Adjutant stork	Fish (silver carp)	1	1	No fasting day
34.	Openbill stork	snail	1	1	No fasting day
35.	Mandarine Duck	Boiled maize	0.100	0.100	No fasting day
		Chicken mash	0.025	0.025	
		Boiled rice	0.025	0.025	
		Leafy vegetables	0.050	0.050	
		Egg	1 piece	1 piece	
		Chhattu	0.030	0.030	



## Daily feed schedule of animals

36.	Pheasant	Soaked gram	0.020	0.020	No fasting day
		Soaked maize	0.020	0.020	
		Crushed maize	0.025	0.025	
		Chattu	0.010	0.010	
		Minced meat	0.020	0.020	
		Ants egg	0.020	0.020	
		Boiled egg	½ piece	½ piece	
		Leafy vegetables	0.025	0.025	
		Pumpkin, onion, garlic	0.050	0.050	
37.	Black swan	Gram	0.050	0.050	No fasting day
		Paddy	0.050	0.050	
		Bajra	0.050	0.050	
		Red leaf	0.050	0.050	
38.	Horn bill	Egg	1	1	No fasting day
		Chattu	0.050	0.050	
		Minced meat	0.050	0.050	
		Fruit mixture	0.100	0.100	
39.	Rossy pelican	Fish	1	1	No fasting day
40.	Painted Stork	Fish ( silver carp/ fingerling)	0.500	0.500	No fasting day
41.	Otter	Live lata fish	1	1	No fasting day
42.	Tortoise	Chocked leafy vegetables	0.050	0.050	No fasting day
		Pumpkin	0.050	0.050	
		Cabbage	0.050	0.050	
		Cucumber	0.050	0.050	
43.	Brahminy Kite	Small fish	0.250	0.250	No fasting day
44.	Eagle	Buffalo meat	0.300	0.300	No fasting day
45.	Sarus Crane	Soaked gram	0.100	0.100	No fasting day
		Soaked maize	0.100	0.100	
		Paddy	0.100	0.100	
47.	Emu	Fish	0.100	0.100	No fasting day
		Apple	0.3	0.3	
		Musumbi	0.3	0.3	
		Egg	2	2	
		Beans	0.25	0.25	
		Mesh	0.75	0.75	
48.	Ostrich	Banana	24	24	No fasting day
		Egg	2	2	
		Beans	0.25	0.25	
		Mesh	0.75	0.75	
		Banana	24	24	
		Leafy vegetables	0.01	0.01	
	Soaked chhola/corn	0.5	0.5		

# 14 chemo-prophylactic VACCINATION SCHEDULE



Sl. No	Species	Disease/ organism	Name of vaccine/ drug	Frequency	Route
1	Big cats	Trypanosomiasis	Inj Triquin	Twice in year	S/C
2	Elephants	Foot & mouth disease	Inj rakshaovac	Twice in year	I/M
3	Big cats	Canine distemper	Inj purevax ferret (DNA recombinant vaccine)	0 day, 21 day, 42 day then twice in year	S/C
4	Bigcats (young)	Feline calci virus, feline rhinotrachitis and Feline Panleukopaenia virus	Inj Feligen CRP	Primary vaccination with booster	S/C
5	Birds (Followed by Ranikhet Immune Status Survey)	Ranikhet Disease	Ranikhet vaccine lentogenic (B1 strain)	0 day, 6 week then twice in year	through drinking water with addition of skim milk powder and ice as per dose

# 15 for our zoo animals DEWORMING SCHEDULE

Sl. No	Name of the species	Drug used and route	Frequency
1	Carnivores	Praziquantel, Pyrental pamoate; oral	Quarterly in recommended dose.
2	Herbivores & primates	Fenbendazole/ ivermectin / Albendazole; oral Rafoxomide, oral	Twice in year as required in recommended dose.
3	Reptiles (Python & Indian Rat Snake)	Albendazole/Ivermectin; oral and injectable	Once in year with recommended dose.
4	Birds	Fenbendazole/Ivermectin / Albendazole; oral	Twice in year with recommended dose.



# 16 zoo animals DISINFECTION SCHEDULE

SPECIES	Site of use	COMPOUND USED	method	FREQUENCY
Herbivores	Entrance	2% KMno4 Solution	Foot Bath	Daily Changing
	Night Shelter Cum adjacent room/Space	Khorsolin Th Solution	@5ml/litre of water for cleaning	Twice in week
		Heating by Blow Lamp	Firing of all walls & nets of enclosure	Once in month
	Open area for animal roaming	Virkon.S powder	@10gm/litre of water for spraying	Once in month
	1)Night Shelter Cum adjacent room/Space 2)Open area for animal roaming	Deltamethrin 1.25% solution spray	@2ml/1lit water	Twice in a month
Full enclosure area	Zenprotecil	@50 ml/10 lit water	Twice in a month (as and when required)	
Carnivores	Entrance	2% KMno4 Solution	Foot Bath	Daily Changing
	Night Shelter Cum adjacent room/Space	Khorsolin Th Solution	@5ml/litre of water for cleaning	Twice in week
		Heating by Blow Lamp	Firing of all walls & nets of enclosure	Once in month
	Open area for animal roaming	Virkon.S powder	@10gm/litre of water for spraying	Once in month
Full enclosure area	Zenprotecil	@50 ml/10 lit water	Twice in a month (as and when required)	
Birds	Entrance	2% KMno4 Solution	Foot Bath	Daily Changing
	Night Shelter Cum adjacent room/Space	Khorsolin Th Solution	@5ml/litre of water for cleaning	Twice in week
		Heating by Blow Lamp	Firing of all walls & nets of enclosure	Once in month
	Open area for animal roaming	Virkon.S powder	@10gm/litre of water for spraying	Once in month
Full enclosure area	Zenprotecil	@50 ml/10 lit water	Twice in a month (as and when required)	
Reptiles	Entrance	2% KMno4 Solution	Foot Bath	Daily Changing
	Room	Heating by Blow Lamp	Firing of all walls & nets of enclosure	Once in month
	Full enclosure area	Zenprotecil	@50 ml/10 lit water	Twice in a month (as and when required)

# 17 carried out in the zoo DEVELOPMENT WORK

Sl. No.	Description Of Work
1	Renovation of Ticket Counter near N L Gate at Zoological Garden, Alipore.
2	Renovation and painting of wooden garden chairs at ZGA.
3	Priming with cement-based paint at Elephant enclosure at ZGA.
4	Supplying and fixing of Bamboo Dorma with painting for Zebra and different animal cages with painting at ZGA.
5	Weather coat and oil painting at Deer enclosure Natun Bagan area at ZGA.
6	Weather coat Painting of garden near office Schwendler house to Elephant enclosure at ZGA.
7	Weather coat of rest shed opposite Giraffe enclosure, park and aviary back Spoon bill, shiva fencing bottom at ZGA.
8	Repairing and Painting work at Mouse Deer Enclosure of Zoological Garden, Alipore.
9	Oil painting of garden from office, Schwendler house to Lion enclosure at ZGA.
10	Painting near Hippo enclosure, front garden and main gate road side wall at ZGA.
11	Weather coat and oil painting from N L gate toilet to ostrich enclosure at ZGA.
12	Renovation of Enclosure for White Peacock Enclosure of Zoological Garden, Alipore.
13	Oil painting of different enclosure fencing, garden fencing at ZGA.
14	Weather coat painting from Schwendler house to White tiger, Reptile house area at ZGA.
15	Renovation and painting of lake side fencing and bottom wall at ZGA.
16	Repairing work of Rhino enclosure, Chimpanzee enclosure and Nocutrnal house including barricading Ticket counter at ZGA.
17	Renovation of Hippo enclosure with moat at ZGA.
18	Supply of silver sand and coarse sand for animal enclosures and at ZGA.
19	Repairing of backside of Hippo Enclosure of Zoological Garden, Alipore.
20	Making Wooden Structure at Burdwan House & Plywood Cage for Wild Dog at ZGA.
21	Renovation of old net opening and refixing of lesser cat at ZGA.

## Development Work carried out in the zoo

22	Renovation of boundary wall opposite Centenary rest-shed and PVC pipe at white tiger tank and other areas at ZGA.
23	Repairing and painting of Lesser cat backside enclosure at ZGA.
24	Repairing of lakeside fencing, deer, tiger and other enclosures at ZGA.
25	Repairing of Jungle cat back side enclosure at ZGA.
26	Renovation of Murshidabad house inside cages and entrance gates at ZGA.
27	Renovation of PVC pipe line from Bengal tiger to Hyena enclosure and underground reservoir at ZGA.
28	Renovation and painting at Mouse Deer and Chimpanzee Enclosure night shelter and others area at ZGA.
29	Renovation of birds Cages at hospital roof and other area at ZGA.
30	Renovation of top floor room window, door and inside cages at zoo hospital Block-3 at ZGA.
31	Repair work at Boundary wall with Concertina wire at ZGA.
32	Supply and fitting of roof fibre sheet at White Peacock and Pheasant house Horn Bill enclosure at ZGA.
33	Renovation of staff quarter (room 1 to 5) of Block-3 at ZGA.
34	Renovation of visitor fencing posts back side of Rodent house at ZGA.
35	Renovation of fencing posts at front side of Open Tiger enclosure at ZGA.
36	Renovation Chain Link fencing at Salt Water Crocodile enclosure at ZGA.
37	Renovation of visitor fencing posts at Lion enclosure at ZGA.
38	Renovation of outside fencing post at Elephant enclosure at ZGA.
39	Renovation of Outside fencing post of Rhino enclosure at ZGA.
40	Renovation and painting of fencing at back side of Shiva enclosure at ZGA.
41	Renovation of outside fencing post at Hippo enclosure at ZGA.
42	Supply fitting and fixing of fencing net and Barbed wire at Hippo enclosure at ZGA.
43	Supplu fitting and fixing of Barbed wire and Concertina fencing at Shiva enclosure
44	Renovation of Barbed wire and Concertina wire at Lion enclosure
45	Supply fitting and fixing of fencing net and barbed wire at Elephant enclosure
46	Chain Link fencing and Painting work at Crocodile enclosure opposite Reptile enclosure at ZGA.



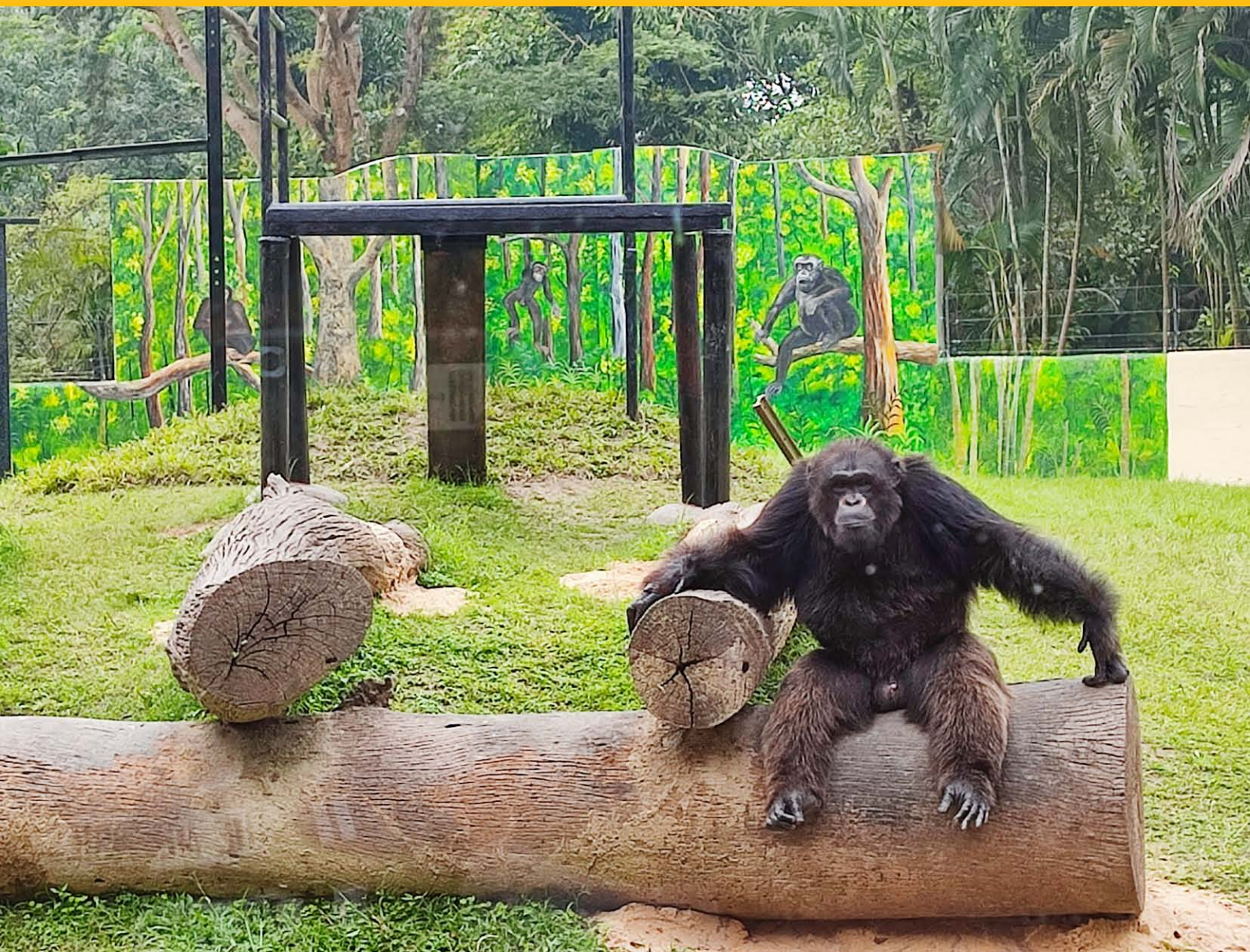


## VISITOR AMENITIES



## Development Work carried out in the zoo

49	Chain Link Fencing and Painting work at White Tiger enclosure at ZGA.
50	Renovation of Dumraon house outside at ZGA.
51	Renovation of pathway with Polka tiles front side of pheasant house opposite lion enclosure at ZGA.
52	Renovation of doctor's room and outside plaster renovation at ZGA.
53	Renovation of garden boundary wall and security shed near lion at ZGA.
54	Renovation of Murshidabad house inside cages and entrance gates at ZGA.
55	Renovation of roof screed concrete at monkey enclosure at ZGA.
56	Renovation of structure for Hoarding for map, Giraffe world, and gate of exotic animal at ZGA.
57	Renovation of Bengal tiger visitors shed and outside of reptile house paint at ZGA.



# 18 education & awareness

## ZOO EDUCATION

This year the whole world observed a unique situation due to the Covid-19 pandemic outbreak. The education and awareness programmes are mainly organised for school and college students but as the schools and colleges are closed due to the pandemic and gatherings are prohibited, very few programmes could be organized. Emphasis was given on organizing virtual programmes during this year.

### **Inauguration of Zoo App:**

The Zoo App was inaugurated by Shri Rajiv Bandopadhyay, Hon'ble MIC, Department of forests, Government of West Bengal, Shri Rabikant Sinha, PCCF (Hoff) and Shri Vinod Kr. Yadav, Addl. PCCF on 22nd April, 2020. The following events were observed on the day.

1. Opening of Zoo app viz., E-zoo kolkata
2. Upgradation of Zoo website
3. Declaration of new born animals in the 12 zoos in West Bengal during Lockdown period

The app named E-zoo Kolkta can be downloaded from the Playstore. The app is launched with the aim that people can the animal of the zoo from any part of the world, especially during the pandemic situation.

### **Vanmahotsab:**

A tree plantation programme with the Officials and Staff of Zoological Garden, Alipore was organized on 14th July, 2020 on the occasion of Vanmahotsab. A total of 50 saplings were planted all over the zoo on the day.

### **Online Competition on International Tiger Day (29th July, 2020), World Lion Day (10th August, 2020), World Elephant Day (12th August, 2020):**

Three online competitions were organised for the above mentioned days for school and college students. Overall around 2000 entries were received for the competitions. After initial screening, the shortlisted entries were sent to the respected judges for final judgement. According to the decision of the judges, 1st, 2nd and 3rd position holders were awarded certificates and prize money and 7 consolation prizes were given in each of the groups.

### **Virtual tour of zoo for school students:**

Virtual Tour of zoo arranged for school students: after the lockdown as programmes cannot be organised for school students, virtual programmes have been organised. In this virtual tour, a presentation was given on the zoo animals and videos of different moments of the animals in the zoo were shown. The following programmes were organised under this section.

- a. Apeejay School, Salt Lake Branch – 25.01.2021, 27.01.2021, 28.01.2021 and 01.02.2021.
- b. Sailendra Sircar Vidyalaya Govt. Spons. – 02.02.2021 and 05.02.2021.
- c. Apeejay School, Park Street Branch – 09.02.2021, 10.02.2021 and 12.02.2021.



Tree plantation on by Sri Asis Kumar Samanta, IFS, Director, ZGA, Dr. Piyali Chattopadhyay, Deputy Director, ZGA and other staff of ZGA.





## Art Camp:

Art for animals: An art camp with many renowned artists was organized at the zoo premises SDF and NSHM Knowledge Campus on 14th and 15th February, 2021. Renowned artists came to the zoo to draw pictures on wild animals and the money coming from the exhibitions of these will be spent for animals of Zoo.

Eminent Guest and Zoo Officials During the programme Inauguration of the Art Camp

Artist with their works in the Art Camp





Sri V. K. Yadav, IFS, PCCF Wildlife & CWLW, Smt Richa Agarwal, Chairperson KCC and other eminent guests at the programme.



### Photography Exhibition:

A photography exhibition was organised at the zoo premises from 27th March to 4th April, 2021 by Kolkata Centre for Culture on the theme "My Kolkata in Kolkata".

# 19 arrangements for animals

## SEASONAL SPECIAL

### 1. Special care for animals in summer

#### Physical Methods of Cooling

- Bathing of the animals and birds in the morning
- Sprinkling of cold water in and around the aviaries
- Shade at aviaries covering bamboo thatch, tarpaulin etc.
- Installation of fans in reptile house, chimpanzee, tiger etc.
- ORS has been provided to the animals.

### 2. Special care for animals in winter

#### Physical Methods

- Mammals
  - \* Wooden plank to all carnivores
- Reptiles
  - \* Provide adequate bedding for proper hibernation

#### Nutritional Supplementation

- Mammals
  - \* Calcium supplementation to all mammals
- Birds
  - \* Calcium supplementation to all.
  - \* Vitamin A, D3, E supplementation to all

#### Medicinal Supplementation

- Preventive antibiotic coverage during peak season.
- Spraying of disinfectant before hibernation as prophylactic measure

- Anti-stress medication is provided to all

### Special care for animals in winter

#### Physical Methods

- Mammals
  - \* Wooden plank to all carnivores
- Reptiles
  - \* Provide adequate bedding for proper hibernation

#### Nutritional Supplementation

- Mammals
  - \* Calcium supplementation to all mammals
- Birds
  - \* Calcium supplementation to all.
  - \* Vitamin A, D3, E supplementation to all

#### Medicinal Supplementation

- Preventive antibiotic coverage during peak season.
- Spraying of disinfectant before hibernation as prophylactic measure
- Anti-stress medication is provided to all

# 20 carried out and publications RESEARCH WORK

The following research project and publications going on in the Zoo.

1. Analysis of treatment provided & mortality of animals in all the Zoos under the control of WBZA in the last 10 years.
2. News letter published quarterly.





# 21 programme of the zoo CONSERVATION BREEDING

No such conservation breeding programme is entrusted by the Central Zoo Authority to the Alipore Zoo during this period. However captive breeding of endangered species under Schedule - I is going on like the Fishing cat ( State animal),

Mouse Deer, Indian Rock Python, Reticulated Python, Burmese Python, Water Monitor Lizard, Four Horned Antelope, Yellow Monitor Lizard etc.





# 22 ANIMAL ACQUISITION, TRANSFER, EXCHANGE

A. Animals arriving in the Zoo					
	Sl. No.	Species	Number (M:F)	Coming from which zoo	Date
	1	Marsh Crocodile	2:0=2	Bardhaman Zoological Park, Burdwan	11.01.2021
B. Animals going from the Zoo					
	Sl. No.	Species	Number(M:F)	Going to which Zoo	Date of deposition from the Zoo
	1	Bengal Tiger	0:1=1	Sundarban Wild Animals Park, Jharkhali	22.03.2021



# 23 RESCUE AND REHABILITATION

During this period no rescue and rehabilitation of wild animals were carried out, however, sometimes animals seized by different departments like BSF, Department of Forests,

Wild Life Crime Control Bureau, Directorate of Revenue Intelligence etc handed over to us as a custodian.



# 24 ANNUAL INVENTORY of animals



FORM-II

[See rule 11 (1)]

PART - A

Alipore Zoological Garden, Kolkata, West Bengal

Proforma for Annual Inventory Report

Inventory Report for the Year : 2020-2021

Endangered Species\*

# - Modified Closing Balance

Sl.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)			Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2021)										
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T						
<b>Aves</b>																												
1.	Malabar Pied Hornbill	<i>Anthracoeros coronatus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1				
2.	Common Hill Myna	<i>Gracula religiosa</i>	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5			
3.	Kalij Pheasant	<i>Lophura leucomelanos</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
4.	Indian Peafowl	<i>Pavo cristatus</i>	11	1	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	12		
5.	Peafowl (leucistic)	<i>Pavo cristatus</i>	3	1	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4	8	
6.	Eurasian Spoonbill	<i>Platalea leucorodia</i>	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	
7.	Grey Peacock Pheasant	<i>Polyplectron bicalcaratum</i>	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	
<b>Total</b>	<b>7</b>		<b>20</b>	<b>4</b>	<b>29</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>3</b>	<b>24</b>	<b>47</b>

**Mammalia**

1.	Blackbuck	<i>Antelope cervicapra</i>	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
2.	Asiatic Wild Dog, Dhole, Indian Wild Dog, Red Dog	<i>Cuon alpinus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
3.	Indian Elephant	<i>Elephas maximus</i>	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
4.	Jungle Cat	<i>Felis chaus</i>	9	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	7
5.	Bonnet Macaque	<i>Macaca radiata</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
6.	Sloth Bear	<i>Melursus ursinus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7.	Indian Chevrotain, Mouse Deer	<i>Moschiola indica</i>	2	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6	
8.	Asiatic Lion	<i>Panthera leo persica</i>	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
9.	Leopard	<i>Panthera pardus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
10.	Tiger (leucistic/White)	<i>Panthera tigris</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
11.	Bengal Tiger	<i>Panthera tigris tigris</i>	2	4	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6

Sl.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31- Mar-2021)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
12.	* Fishing Cat	<i>Prionailurus viverrinus</i>	2	3	0	5	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0	4
13.	* Indian Rhinoceros (Greater One- horned Rhino)	<i>Rhinoceros unicornis</i>	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	2
14.	Barasingha (Swamp Deer)	<i>Rucervus duvaucelii</i>	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
15.	Eld's Deer (Brow-antlered)	<i>Rucervus eldii</i>	5	4	5	14	0	0	0	0	0	0	0	0	0	2	2	5	2	3		10
16.	Bengal Hanuman langur	<i>Semnopithecus entellus</i>	2	2	0	4	0	0	0	0	0	0	0	0	2	2	0	0	0	0		0
17.	Four-horned Antelope	<i>Tetracerus quadricornis</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<b>Total Mammalia 17</b>			<b>36</b>	<b>33</b>	<b>8</b>	<b>77</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>7</b>	<b>2</b>	<b>31</b>	<b>26</b>	<b>6</b>	<b>63</b>

### Reptilia

1.	Marsh Crocodile	<i>Crocodylus palustris</i>	2	3	16	21	0	0	0	0	0	0	0	0	0	0	0	2	3	16	21
2.	* Saltwater Crocodile	<i>Crocodylus porosus</i>	2	2	0	4	0	0	0	0	0	0	0	0	1	0	0	1	2	0	3
3.	* Russell's Viper	<i>Daboia russelii</i>	0	-2	6	4	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0
4.	Checkered Keelback	<i>Fowlea piscator</i>	0	0	17	17	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0
5.	Gharial	<i>Gavialis gangeticus</i>	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
6.	Reticulated Python	<i>Malayopython reticulatus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
7.	Monocellate Cobra	<i>Naja kaouthia</i>	0	0	6	6	0	0	0	0	0	0	0	0	1	0	0	0	0	5	5
8.	* Common Rat Snake	<i>Ptyas mucosa</i>	0	0	9	9	0	0	0	0	0	0	0	1	0	0	0	0	0	8	8
9.	Burmese Python	<i>Python bivittatus</i>	0	4	0	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0
10.	* Indian Rock Python	<i>Python molurus</i>	-1	-1	4	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
11.	Yellow Monitor Lizard	<i>Varanus flavescens</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12.	* Asian Water Monitor	<i>Varanus salvator</i>	0	0	8	8	0	0	0	0	0	0	0	0	1	0	0	0	0	7	7
<b>Total</b>	<b>12</b>		<b>4</b>	<b>12</b>	<b>67</b>	<b>83</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>9</b>	<b>17</b>	<b>4</b>	<b>11</b>	<b>38</b>	<b>53</b>
<b>Total</b>			<b>60</b>	<b>49</b>	<b>104</b>	<b>213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>18</b>	<b>19</b>	<b>55</b>	<b>40</b>	<b>68</b>	<b>163</b>

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

Curator (Animals)  
Director



**PART - B**  
**Alipore Zoological Garden, Kolkata, West Bengal**

**Proforma for Annual Inventory Report**

Inventory Report for the Year : 2020-2021

**Other than Endangered Species\***

**# - Modified Closing Balance**

Sl.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)				Births Ac			Acquisition			sDisposals			Deaths			Closing Stock (31-Mar-2021)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T

**Aves**

1	Homer Pigeon		0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
2	Agapornis sp. (color morph)	<i>Agapornis sp.</i>	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
3	Asian Openbill	<i>Anastomus oscitans</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
4	Bar-headed Goose	<i>Anser indicus</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
5	Sarus Crane	<i>Antigone antigone</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
6	Blue-and-gold Macaw, Blue- and-yellow Macaw	<i>Ara ararauna</i>	2	4	10	16	0	0	0	0	0	0	0	0	0	1	0	0	1	4	10	15
7	Scarlet Macaw	<i>Ara macao</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
8	Grey crowned crane, Grey Crowned-crane, Grey Crowned-Crane, South African Crowned Crane, Southern crowned crane	<i>Balearica regulorum</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
9	Greater Sulphur-crested Cockatoo, Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
10	Goffin's Cockatoo, Tanimbar Cockatoo, Tanimbar	<i>Cacatua goffiniana</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
11	Moluccan Cockatoo, Salmon-crested Cockatoo	<i>Cacatua moluccensis</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
12	Bare-eyed Cockatoo, Little Cockatoo, Little Corella	<i>Cacatua sanguinea</i>	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
13	Lesser Sulphur-crested Cockatoo, Yellow-crested Cockatoo(ssp.citrinocristata)	<i>Cacatua sulphurea citrinocristata</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
14	Lady Amherst's Pheasant	<i>Chrysolophus amherstiae</i>	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	1
15	Golden Pheasant	<i>Chrysolophus pictus</i>	1	2	0	3	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	2
16	Black Swan	<i>Cygnus atratus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
17.	Emu	<i>Dromaius novaehollandiae</i>	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
18	Green Imperial Pigeon	<i>Ducula aenea</i>	0	0	4	4	0	0	0	0	0	0	0	0	1	0	0	0	0	3	3	3



S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2021)				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
19	Asian Koel	<i>Eudynamys</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
20	Red Junglefowl	<i>Gallus gallus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
21	Blue Crowned-Pigeon, Common Crowned Pigeon, Great Goura, Western crowned pigeon, Western Crowned-Pigeon	<i>Goura cristata</i>	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	5	
22	Lesser Adjutant Stork	<i>Leptoptilos javanicus</i>	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
23	# Finch sp.	<i>Lonchura sp.</i>	0	0	22	22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	21	21	
24	Silver Pheasant	<i>Lophura nycthemera</i>	3	1	2	6	0	0	0	0	0	0	0	1	1	0	2	0	2	0	2	4	
25	# Budgerigar	<i>Melopsittacus undulatus</i>	0	0	14	14	0	0	0	0	0	0	0	5	2	0	0	0	0	7	7		
26	Painted Stork	<i>Mycteria leucocephala</i>	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28		
27	Grey-breasted Parakeet, Monk Parakeet, Quaker	<i>Myiopsitta monachus</i>	0	0	6	6	0	0	0	0	0	0	0	1	0	0	0	0	5	5			
28	# Cockatiel	<i>Nymphicus</i>	0	0	27	27	0	0	0	0	0	0	7	1	0	0	0	19	19				
29	Great White Pelican	<i>Pelecanus onocrotalus</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2				
30	Spot-billed Pelican	<i>Pelecanus philippensis</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	1	1	0	2				
31	Alexandrine Parakeet	<i>Psittacula eupatria</i>	4	0	0	4	0	0	0	0	0	0	1	0	0	3	0	0	3				
32	Rose-ringed Parakeet	<i>Psittacula krameri</i>	0	0	39	39	0	0	0	0	0	0	0	0	0	0	0	39	39				
33	Grey Parrot, Jacquot	<i>Psittacus erithacus</i>	0	0	10	10	0	0	0	0	0	0	2	0	0	0	8	8					
34	Red-vented Bulbul	<i>Pycnonotus cafer</i>	0	0	5	5	0	0	0	0	0	0	0	0	5	0	0	0					
35	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	0	0	2	2	0	0	0	0	0	0	0	0	2	0	0	0					
36	Spotted Dove	<i>Streptopelia chinensis</i>	0	0	151	151	0	0	0	0	0	0	0	0	0	0	0	151	151				
37	Common ostrich, Ostrich	<i>Struthio camelus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1				
38	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	0	1	4	5	0	0	0	0	0	0	0	0	0	1	4	5					
<b>Total Aves : 38</b>			17	17	368	402	0	0	0	0	1	0	0	0	20	7	9	13	14	340	367		

### Mammalia

1	# Chital/ Spotted Deer	<i>Axis axis</i>	6	10	6	22	0	0	4	0	0	0	0	0	0	0	6	10	10	26
2.	# Nilgai	<i>Boselaphus</i>	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	0	3	3
3	# Common Marmoset	<i>Callithrix jacchus</i>	0	2	7	9	0	0	0	0	0	0	1	4	0	0	4	4		
4	# Grant's Zebra	<i>Equus quagga boehmi</i>	4	4	0	8	0	0	0	0	0	0	1	1	0	3	3	0	6	
5	Northern Giraffe	<i>Giraffa</i>	4	7	0	11	0	0	0	0	0	0	0	0	4	7	0	11		
6	# Common hippopotamus, Hippopotamus, Large Hippo	<i>Hippopotamus amphibius</i>	2	1	0	3	0	0	0	0	0	0	0	0	2	1	0	3		

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)				Births Ac			quisition			sDisposals			Deaths			Closing Stock (31-Mar-2021)					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
7	Striped Hyena	<i>Hyaena hyaena</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
8	# Indian Crested Porcupine	<i>Hystrix indica</i>	1	1	3	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	4
9	Ring-tailed Lemur	<i>Lemur catta</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
10	# Eastern Grey Kangaroo	<i>Macropus giganteus</i>	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	3
11	# Indian Muntjac	<i>Muntiacus muntjak</i>	2	2	5	9	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	5	7
12	Chimpanzee, Common chimpanzee, Robust	<i>Pan troglodytes</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
13	Jaguar	<i>Panthera onca</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
14	Sambar Deer	<i>Rusa unicolor</i>	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
<b>Total Mammalia : 14</b>			27	34	23	84	0	0	5	0	0	0	0	0	0	0	0	4	7	0	24	29	25	78

### Reptilia

1	Common Vine Snake	<i>Ahaetulla nasuta</i>	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	5	5
2	Aldabra Giant Tortoise	<i>Aldabrachelys</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
3	# Banded Krait	<i>Bungarus fasciatus</i>	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
4	# Ornate Flying Snake, Golden Tree Snake	<i>Chrysopelea ornata</i>	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	1	1
5	# Red Sand Boa	<i>Eryx johnii</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
6	Yellow Anaconda	<i>Eunectes notaeus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
7	Indian Star Tortoise	<i>Geochelone elegans</i>	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28
<b>Total Reptilia : 7</b>			3	3	51	57	0	0	0	0	0	0	0	0	0	0	0	1	2	6	3	3	42	48
<b>Total</b>			47	54	442	543	0	0	5	0	0	1	0	0	0	0	0	25	16	15	40	46	407	493
<b>Grand Total</b>			107	103	546	756	0	0	5	1	0	1	0	0	0	0	0	39	34	34	95	86	475	##

Curator (Animals)

Director



# 25 zoo animals MORTALITY

Sl. No	Species	Scientific Name	Date of Death	Sex	Reason of Death
<b>BIRDS</b>					
1	Cockatiel	<i>Nymphicus hollandicus</i>	02.04.2020	2:0	Enteritis
2	Cockatiel	<i>Nymphicus hollandicus</i>	14.04.2020	0:1	Proventriculitis
	Green Pigeon	<i>Ducula aenea</i>	28.04.2020	1:0	Hepatic abscess
3	Hill Moyna	<i>Gracula religiosa</i>	13.06.2020	1:0	Enteritis
4	Cockatiel	<i>Nymphicus hollandicus</i>	20.06.2020	1:0	Enteritis
5	Budgerigar	<i>Melopsittacus undulatus</i>	06.07.2020	1:0	Proventriculitis
6	Quaker Parakeet	<i>Mylopsitta monachus</i>	06.07.2020	1:0	Enteritis
7	Cockatiel	<i>Nymphicus hollandicus</i>	06.07.2020	2:0	Hepatitis
8	Grey Parrot	<i>Psittacula krameri</i>	13.07.2020	1:0	Chronic wasting disease
9	Budgerigar	<i>Melopsittacus undulatus</i>	29.07.2020	1:1	Enteritis
10	Budgerigar	<i>Melopsittacus undulatus</i>	30.07.2020	1:0	Enteritis
11	Budgerigar	<i>Melopsittacus undulatus</i>	09.08.2020	2:1	Enteritis
12	Finch	<i>Taeniopygia guttata</i>	29.08.2020	0:1	Upper respiratory tract disease
13	Indian Peafowl	<i>Pavo cristatus</i>	10.10.2020	0:1	Visceral gout
14	Hill Moyna	<i>Gracula religiosa</i>	06.11.2020	1:0	Ascites
15	Grey Parrot	<i>Psittacula krameri</i>	20.11.2020	2:0	Air Sacculitis
16	Golden Pheasant	<i>Chrysolophus pictus</i>	25.11.2020	1:0	Lower respiratory tract disease
17	White Ibis	<i>Threskiornis aethiopica</i>	05.12.2020	1:0	Infighting injury
18	Chinese Silver Pheasant	<i>Lophura nycthemera</i>	25.12.2020	1:1	Chronic wasting disease
19	White Ibis	<i>Threskiornis aethiopica</i>	27.12.2020	1:0	E.coli infection
20	Large Indian Parakeet	<i>Psittacula eupatria</i>	27.12.2020	1:0	Ranikhet disease
21	Cockatiel	<i>Nymphicus hollandicus</i>	01.01.2020	2:0	Ranikhet disease
22	Blue And Yellow Macaw	<i>Are arauna</i>	18.01.2021	1:0	Crop impaction
23	Hill Moyna	<i>Gracula religiosa</i>	27.01.2021	0:1	Enteritis
24	Spoon Bill	<i>Platylea leucorodia</i>	14.03.2021	1:0	Enteritis
25	Hill Moyna	<i>Gracula religiosa</i>	15.03.2021	0:1	Acites
<b>MAMMALS</b>					
1	Giraffe	<i>Giraffa camelopardalis</i>	22.05.2020	1:0	Senility
2	Blackbuck	<i>Antilope cervicapra</i>	17.06.2020	0:1	Pneumonia

## Mortality of animals

3	Eastern Grey Kangaroo	<i>Macropus giganteus</i>	10.07.2020	0:1	Pleural effusion with Ascites (herpis viral infection)
4	Blackbuck	<i>Antilope cervicapra</i>	13.07.2020	0:1	Pyometra and enteritis
5	Grant's Zebra	<i>Equus burchelli</i>	18.07.2020	0:1	Cardio respiratory failure
6	Jungle Cat	<i>Felis chaus</i>	29.07.2020	1:0	Bloat
7	Common Marmoset	<i>Callithrix jacchus</i>	20.09.2020	1:0	Senility
8	Common Marmoset	<i>Callithrix jacchus</i>	24.09.2020	0:1	Renopathy
9	Sloth Bear	<i>Melursus ursinus</i>	08.10.2020	0:1	Senility
10	Jungle Cat	<i>Felis chaus</i>	11.10.2020	1:0	Lower respiratory tract disease
11	Common Marmoset	<i>Callithrix jacchus</i>	15.10.2020	0:1	Toxaemia
12	Common Marmoset	<i>Callithrix jacchus</i>	18.10.2020	0:1	Herpes viral infection
13	Grant's Zebra		11.11.2020	1:0	Bloat
14	Common Marmoset	<i>Callithrix jacchus</i>	16.11.2020	0:1	Hepatitis
15	Barking Deer	<i>Muntiacus muntjac</i>	25.11.2020	0:1	Infighting injury
16	Brow Antler Deer	<i>Cervus eldi eldi</i>	17.12.2020	1:0	Pneumonia
17	Barking Deer	<i>Muntiacus muntjac</i>	22.12.2020	1:0	Peritonitis
18	Bow Antlered Deer	<i>Cervus eldi eldi</i>	03.01.2021	1:0	Septicemia
19	Jungle Cat	<i>Felis chaus</i>	20.01.2021	1:0	Ascites
20	Fishing Cat	<i>Felis viverrinus</i>	10.02.2021	1:0	Pneumonia
21	Porcupine	<i>Hysrix indica</i>	02.03.2021	1:0	Infighting injury
<b>REPTILES</b>					
1	Monocled Cobra	<i>Naja naja kaouthia</i>	03.04.2020	0:1	Anemia
2	Russell Viper	<i>Daboia russelii</i>	03.04.2020	1:0	Anemia
3	Indian Rat Snake	<i>Ptyas mucosus</i>	13.04.2020	1:0	Anemia
5	Burmese Python	<i>Python bivittatus</i>	05.06.2020	0:1	Egg bound
6	Russell Viper	<i>Daboia russelii</i>	29.06.2020	0:1	Anemia
7	Russell Viper	<i>Daboia russelii</i>	02.08.2020	1:0	Hepatitis
8	Vine Snake	<i>Ahaetulla nasuta</i>	09.09.2020	0:1	Anemia
9	Salt Water Crocodile	<i>Crocodylus porosus</i>	28.09.2020	1:0	Putrefied unfit for PM
10	Burmese Python	<i>Python bivittatus</i>	05.10.2020	1:0	Unfit for PM
11	Burmese Python	<i>Python bivittatus</i>	14.11.2020	0:1	Cloacal Prolapse
12	Vine Snake	<i>Ahaetulla nasuta</i>	22.11.2020	0:2	Unfit for PM
13	Russell Viper	<i>Daboia russelii</i>	27.11.2020	0:1	Pneumonia
14	Burmese Python	<i>Python bivittatus</i>	29.12.2020	1:0	Tumor over vertebral column
15	Rock Python	<i>Python molurus</i>	29.12.2020	0:1	Pneumonia





# 26 COMPLIANCE WITH CONDITIONS STIPULATED by the Central Zoo Authority

During this period no conditions was stipulated by CZA for its compliance so it may be treated as nil.

Sl. No.	Norm No. under RZR, 2009	Condition Stipulated	Time period to Comply	Since when pending	Status with regard to compliance of the conditions
-	-	-	-	-	-



# 27 LIST OF FREE LIVING WILD ANIMALS

**a. Mammals :** Civet Cat, Flying Fox, Squirrel, Mongoose etc.

**b. Birds :** King Fisher, Painted Stork, Night Heron, Egrets, Little Cormorant, Teal, Sparrow, Crow, Common Myna, Dove, Parakeet etc.

**c. Reptiles :** Rat Snake, Water Keelback, Monitor Lizard, Calotes etc.





# Alipore zoo reopens with strict Covid restrictions

Two wild dog babies join Alipore Zoo family

The puppies being handled by the keepers who are feeding them milk and steaks



The dhole puppies at Telegraph picture

- Two dhole (a were display
- The dhole
- Two pair gave bir a male

Seized toucans in isolation at Alipore zoo



Birds are traumatised and have not been eating properly, a zoo official said

They were seized by the BSF in Bongaon, North 24 Parganas, on [unclear] Alipore zoo hospital.

Printed from THE TIMES OF INDIA

## Kolkata: Alipore zoo loses 40 trees; two enclosures ravaged, most animals left traumatised



KOLKATA: Even as animals have escaped unhurt, Cyclone Amphan has ravaged the Alipore Zoological Gardens extensively, taking a toll on the 50-acre patch of green in the middle of the city. The cyclone uprooted nearly 40 trees in the 144-year-old zoological garden, the oldest one in the country. Most of the trees felled by the cyclone there are around half-a-century old. The biggest loss is the 60-year-old iconic buddha narjel (coconut tree), an extremely rare breed that can only be found in two other places — Shibpur Botanical Gardens and Agri-Horticultural Society of India (AHSI) at Alipore. Other trees include mango, bakul, bot, jelibl, jarul and shegun

### CLEAN-UP LIKELY TO BE OVER IN 2 WEEKS

- > Around 40 trees were uprooted in the zoo
- > Most of the felled trees are more than 50 years old
- > Fences, boundary walls, enclosures of deer and ostrich were damaged
- > Th...

## West Bengal catch up on your zoo faves from comfort

## Alipore zoo unlocks happiness for children bogged down with lockdown woes

KOLKATA: Missing your wee' Gardens? Amid the Covid-in up with a unique way to brin room — through live telecast the chimpanzee or grey kang home and beat the Covid blu

From Monday, the zoo author Facebook. State forest minist at the city zoo on Sunday afte for Padmaja Naidu Himalayan



have to be booked online

... time, online classes, no play session with friends - be pretty harsh on children, who've been con and. So, when Alipore zoo than six months on Friday, it led to the tourist at extended we

# চিড়িয়াখানার বাঘ-সিংহ-শিম্পাঞ্জি-নজরদারি, বর্মবস্ত্র জলহস্তি-হাতি-লাল পান্ডারা এ বার ফেসবুক লাইভে

আজ ফেসবুক লাইভে। করোনা আবহে আলিপুর চিড়িয়াখানা  
- পর্যটন দর্শকেরা।

## আনন্দবাজার পত্রিকা

14/03/2021

টোল  
পরিবারের  
দুই খুদে  
সুস্থ, মুক্তির  
অপেক্ষা



আনন্দবাজার পত্রিকা

চিড়িয়াখানার পশুস্বাস্থ্যের পীঠায় দুই কুৎসিত ব্যক্তি  
বলাভবেরে বাঁচল গ্রাণ্ড, ভর্তি হলপাতলে



আনন্দবাজার পত্রিকা

## শহরে গ্রীষ্ম এসে গেলেও আলিপুরে 'আজ বসন্ত'

প্রশ্ন উঠতেই পারে, পশুপাখিরা তো নিজের মুখে আশ্রয় করতে পারে না। তা হলে প্রয়ো  
কি না, তা জানার কৌশল কী?

নিজস্ব সংবাদদাতা

কলকাতা ০৯ মার্চ ২০২১ ০৫:৩৭



ছবি: বিটিএনবি

ভোট আবেহে রাজনীতির পারদ ভুঙ্গে। তারই মধ্যে ঘরে ঘরেও লেগেছে গ্রীষ্মের ছোঁয়া।  
ফ্যান চালিয়ে রাতে ধূমলোই দস্তুর। তবে আলিপুর চিড়িয়াখানায় এখনও 'বসন্ত'  
বিরাজ করছে। তাই ফ্যান ছাড়াই দিনমাপন করতে হচ্ছে বাঘমামাদের। হোসপাইপের  
ফোয়ারায় গা ভেজাতে পারছে না পক্ষীকুলও। গ্রীষ্ম এলেই এই সব 'মানবিক' আরাম  
পায় পশুপাখিরা। তা হলে এখনও সেই ব্যবস্থা পাচ্ছে না কেন?

আলিপুর চিড়িয়াখানার অধিকর্তা আশিসকুমার সামন্ত বলছেন, "ভোরের দিকে ঠান্ডা  
পড়ছে। তাই এখনই ফ্যান চালানোর বা স্নান করানোর প্রয়োজন নেই। আরও গরম  
পড়লে সেই সব ব্যবস্থা করা হবে।" হাওয়া অফিস সূত্রের খবর, আগামী সপ্তাহেও  
তাপমাত্রা আহামরি কিছু বাড়বে না।

## সুরক্ষা-বিধি মেনে আজ খুলছে চিড়িয়াখানা

চিড়িয়াখানার মোবাইল অ্যাপ এবং ওয়েবসাইটে টিকট মিলবে।" চিড়িয়াখানা জানিয়েছে,  
প্রবেশপথেই দর্শকদের দেহের তাপমাত্রা মাপা হবে।

নিজস্ব সংবাদদাতা

কলকাতা ০৯ মার্চ ২০২১ ০৯:৫৫



আলিপুর চিড়িয়াখানা। ছবি: বিটিএনবি

চিড়িয়াখানা



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