

ASSAM STATE ZOO-CUM-
BOTANICAL GARDEN

Annual Report for the year
2018-19



Report of the Officer-in-charge

The Assam State zoo is situated at the heart of the Guwahati city. It is part of Hengrabari RF and is spread across an area of 175 ha. 40 hectare is part of the Zoo area and the remaining is the forest land, having magnificent terrain and high flora and fauna diversity. This unique landscape of the zoo leaves everyone in awe. The Zoo boasts of 107 Species. The top 5 species of the Zoo are

1. Indian One Horn Rhinoceros
2. Royal Bengal Tiger
3. Hollock Gibbon
4. Golden Langur
5. Golden Cat

The Zoo is currently planning and development phase to upgrade itself from the current level in order to catch up with some of the best Zoos in the Country.

1. History of the Zoo

In 1957, the 64th Indian National Congress Session was held at Pandu, which was then an active rail station and a very busy port on the south bank of the river Brahmaputra as the present Saraighat Bridge was then not in existence. To commemorate the session, Assam Forest Department arranged to display some wild animals for attracting and amusing both the delegates and the public. A female Leopard cub named Spotty drew crowds and was the principal attraction. The Congress Session ended but the animals had to be housed somewhere and this germinated the idea of a zoo in Assam. Initially the exhibited animals were shifted to Jalukbari Forest School campus and then to the Cutchery Forest Office, Panbazar, Guwahati. To create facilities to house those animals a hillock, with an area of 130 hectare of scenic landscape was selected. It was located near a village called Japorigog. Thus, Spotty and her animal friends formed the seed collection when the Assam State Zoo was established here in 1957 and opened to public a year later. The total number of animals and birds, at the time of the zoo's inception was 42 individuals (22 species) and 236 (31 species) respectively.

Over the years, what started off as a mere exhibition of animals grew and expanded to accommodate new prototype and examples. In course of time, a Museum and a Botanical Garden were added to the original layout. Due to public demand the focus was on having greater quantity of species and that too the more spectacular and eye-catching exotic ones. Thus, the zoo during various periods of time had Chimpanzees, White & Black Rhinos, Zebras, Ostriches and Giraffes from Africa; Puma, Jaguar and Llama from S. America and Kangaroos from Australia. With time, the importance shifted to indigenous species and role of zoos as ex-situ conservation centres also started gaining prominence. Accordingly, ASZBG began to emphasize on captive breeding programme and was successful in breeding several endangered species. As a part of this captive breeding exercise, 4 Pygmy Hogs, a species endemic to Assam, were brought from Barnadi RF in 1974 and kept in specially designed enclosures away from visitors. The efforts were rewarded, as 4 piglets were born in 1976. In 1970 White Winged Wood Ducks were regularly brought and they bred well in the zoo till they succumbed to disease. Wildlife that stray into Guwahati or are stranded in its vicinity or marooned elsewhere in the State are rescued and sent to the Assam State Zoo. As a matter of fact before the establishment of the Centre for Wildlife Rehabilitation and conservation (CWRC) at Panbari, near Kaziranga in 2002, Assam State Zoo was the only rescue centre for the entire state and was successful in rearing innumerable wild species ever since it was established. The rescued animals in Assam State Zoo make it a sort of source book of animals found in suburban Guwahati and also reflects the diversity of wildlife extant in the state. In 1982 a Botanical Garden (80 ha area) was established in the Assam State Zoo. At that time the zoo campus had an area of 130 ha. The Botanical Garden is located in the hilly landscape that lies east of the exhibit-area. In 2002 another 45 hectare area of the Hengrabari Reserved Forests was added to the Zoo. Today the total area of the zoo is 175 hectares. The zoo area was entirely hilly with a patch of plain domain that lies to its west i.e. near its entrance gate from the R.G. Baruah Road. Zoo authority procured a small strip of plain land on the south western part of the zoo area from a private owner. This is the area that lies between the Pelican and aquatic bird enclosures. During the period 1999-2000 almost 170 ha of zoo area was demarcated by erecting a boundary wall. Over a period of time, many housing facilities were created and several magnificent animals were housed in the zoo, however, many of these activities were undertaken in an ad hoc manner. When the Assam State Zoo was established an officer of the rank of Assistant Conservator of Forests was in-charge of the zoo. In 1959 a Forest Division i.e. Assam State Zoo Division was created and the Zoo was put under this Division. In the initial years the quantity of animals collected from the wild and procured from animal dealers and animal traders were more. The intention was to collect diverse species of animals, both indigenous and

exotic, which had display value to the visitor. The general public of that time wished to view the exotic animals as at that time the animal habitat of Assam were intact and the local people commonly sighted indigenous animals in the forests located in the proximity of their villages. The Assam State Zoo used to send indigenous animals like Indian one horned rhinoceros to many other countries and in return received exotic animals like Chimpanzee, Giraffe, Zebra, Kangaroo, Tapir etc. Since 1958 zoo management concepts has been evolving and Assam State Zoo cum Botanical Garden has coped and kept pace with the dynamics of such concepts and taken many enterprising measures. Today it exhibits an impressive collection of about 895 animals, birds and reptiles belonging to 113 species, both indigenous and exotic. Among them are rare and endangered species like the Great Indian One-Horned Rhinoceros, Golden Langur, Hoolock Gibbon, Clouded Leopard, Brow-antlered Deer, Binturong, Slow Loris, Small Cats, Serrow, etc. (all endemic to North East India) and other non-endemic species like the Asian Elephant, Tiger, and Leopard. Under due guardianship the animals are exhibited in commodious, airy enclosures and regular supervision ensures that their diet, health and hygiene are handled under accepted prescriptions. The zoo today has a good zoo hospital with experienced veterinarians to look after the health care of the animals. Conservation breeding of several endangered species has been initiated to carry further its conservation awareness efforts, Assam state zoo cum Botanical Garden has of late, introduced a series of new outreach features for involving the public in its conservation efforts. One among them, which has become highly popular, is the Animal Adoption Scheme launched in August, 2005. The zoo has also been actively involved in the rescue of wildlife that strays into the city and also in their treatment and eventual release into the wild. Assam State Zoo cum Botanical Garden has indeed come a long way, from a mere menagerie to one of the most important ex-situ conservation centres in the entire country of the total Zoo area, about 50 ha is occupied by animal enclosures and buildings. The Botanical Garden comprises 30 ha of land. The rest of the area is natural forest. Roughly 95 ha of forest are almost remains virgin and forms part of the Hengerabari RF. The vegetation type is a mixture of Tropical Moist Deciduous and Semi evergreen Forests, in different serial stages of secondary succession. Bamboo Forests which is another subset of this type is also well represented. There is a teak plantation on the eastern boundary with a patch of tall grass and scrub growing along the exposed slopes and a small sal patch planted during 1963.

2. Vision

This Zoo envisions creating a mechanism for enhancing expertise on excellent upkeep and ex-situ conservation of the rare and endangered fauna and flora of the region.

3. Mission

To sensitize people, in consistence with the finest upkeep of the species, through adequate visitation, recreation facilities and education in order to elicit support in conserving wild fauna and flora of the North East Bio-geographic zone; and to elevate Assam State Zoo-cum-Botanical Garden into an ideal institution for conservation breeding of the rare, endangered and endemic species of fauna of the Region.

4. Objective

Focusing mainly in complementing and strengthening the national efforts in conservation of rich biodiversity, particularly the wild fauna of the Northeast region, following objectives of the Master Plan for Assam State Zoo cum Botanical Garden (ASZBG) are set:-

- i. To provide opportunities for doing scientific studies and creation of database useful for both in-situ and ex-situ conservation.
- ii. To carry out coordinated breeding of the endangered species of the region in ex- situ condition for restocking and reintroducing whenever required.
- iii. To provide an unique opportunity to visitors for wildlife education utilizing the ambience of the zoo in consistence with the adequate safety and upkeep of zoo for eliciting empathy towards wild fauna.
- iv. To provide adequate and near-natural housing for zoo captives by ensuring high standard health care and ethical treatment.
- v. To function as a rescue and rehabilitation centre for distressed wild fauna

5. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Assam State Zoo -cum- Botanical Garden
2	Year of Establishment	1972
3	Address of the Zoo	R.G.Baruah Road, Guwahati-781005
4	State	Assam
5	Telephone Number	Nil
6	Fax Number	Nil
7	E-mail address	dfo.assamzoo@gmail.com
8	Website	www.assamstatezoo.com
9	Distance from nearest	Airport: LGBI Airport (27.0 Km)
		Railway Station: Paltanbazar Railway Station
		Bus Stand: ISBT (12.8 km)
10	Recognition Valid upto (Date)	
11	Category of zoo	Large
12	Area (in Hectares)	175.0 hectares
13	Number of Visitors (Financial Year)	Total Visitors:582864
14	Visitors' Facilities Available in Zoo	Juice centres, Park, Drinking Water Point, Cycling, Toilets, Battery Operated Cars, Wheelchairs,
15	Weekly Closure Day of the Zoo	Friday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sri Tejas Mariswamy, IFS, Divisional Forest Officer
	Name of the Veterinary Officer	Dr. Bijoy Gogoi, Forest Veterinary Officer

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

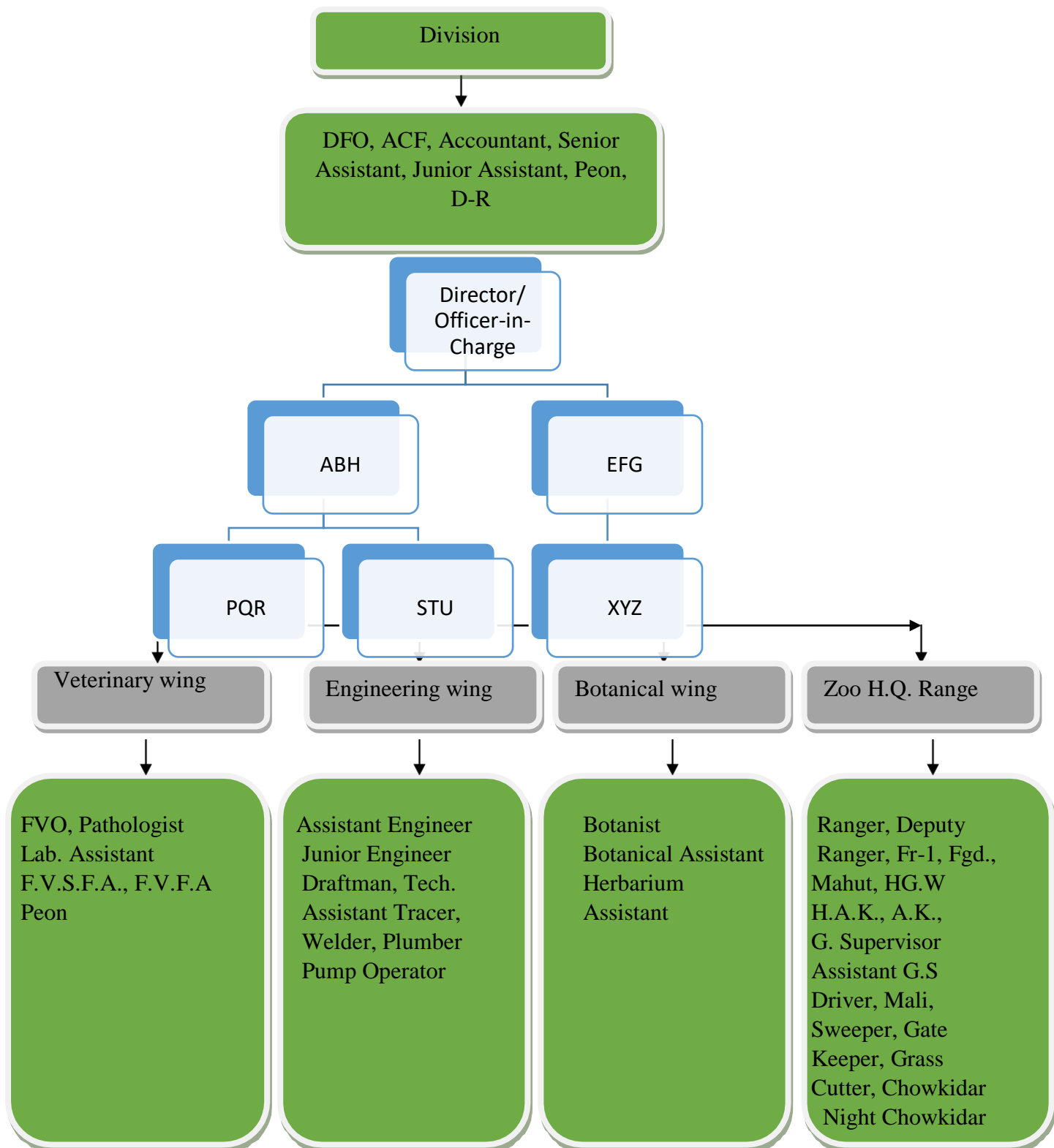
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that _____

I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

6. Organizational Chart



7. Human Resources

Manpower of the Zoo

Sl. No.	Name of the post	Sanction post	People in position
1	D.C.F.	1	1
2	A.C.F	1	0
3	F.V.O.	1	1
4	Pathologist	1	1
5	Assistant Engineer	1	1
6	Botanist	1	0
7	Forest Ranger	1	0
8	Dy. Ranger	1	1
9	Game Keeper	1	0
10	Jr. Engineer	1	1
11	Draft Man	1	1
12	Technical Asstt.	1	1
13	Botanical Asstt.	1	1
14	Herb. Asstt.	1	0
15	Lab. Asstt.	1	0
16	Accountant	1	1
17	Senior Asstt.	1	1
18	Junior Asstt.	5	5
19	Store keeper	1	0
20	Museum Curator	1	1
21	Tracer	1	0
22	Forester-I	6	6
23	Forest Guard	17	17
24	F.V.S.F.A	1	0
25	F.V.F.A	1	0
26	Plumber	1	0
27	Pump operator	2	0
28	Welder	1	1
29	Carpenter	1	0
30	Electric Mistry	1	0
31	Garden Supervisor	1	0
32	A.G. Supervisor	1	1
33	Head G.Watcher	1	0
34	Driver	5	3
35	Handyman	2	2
36	Mahut	4	3
37	Head Animal Keeper	5	4
38	Animal Keeper	22	15
39	G.F.C.	3	1
40	Mali	8	3
41	Garden watcher	1	0
42	Gate Keeper	4	0
43	Grass cutter	2	2
44	Office peon	5	0
45	Dark Ranner	1	0
46	Chowkider	11	5
47	Night Chowkidar	4	2
48	Sweeper	12	2
	Total =	149	85

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. Bishnu Rava, Mahut	Mahut Training	25/03/2019 to 29/03/2019.	Assam State Zoo
2.	Mr.JadavKalita, Fgd.	Conservation Training (FTTI)	06/09/2019 to 07/09/2019	Assam State Zoo
3.	Mr. Pankaj das, Fgd.			

9. Health Advisory Committee-

a. Date of constitution - 14/06/2011

b. Members :

1. The Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden-cum-**Chairman**, Assam, Aranya Bhawan, Panjabari, Guwahati 37.
2. The Divisional Forest Officer-cum-**Member Secretary**
3. The Dean, College of Veterinary Science, Assam Agriculture University, Khanapara, Guwahati-22. **(Member)**
4. The Director, Animal Husbandry & Veterinary, Department of Assam, Chenikuthi, Guwahati-03. **(Member)**
5. The Professor & Head, Department of Veterinary, Surgery and Radiology, College of Veterinary Science, Assam Agriculture University, Khanapara, Guwahati-22.**(Member)**
6. The Professor & Head, Department of Pathology, College of Veterinary Science, Assam Agriculture University, Khanapara, Guwahati-22.**(Member)**
7. The Chief Engineer, Public Health Engineering Department, Assam, Hengrabari, Guwahati-06. **(Member)**
8. The Professor & Head, Department of Nutrition, College of Veterinary Science, Assam Agriculture University, Khanapara, Guwahati-22.**(Member)**

c. Dates on which Meetings held during the year : 05/12/2018

10. Statement of income and expenditure of the Zoo

Budget Allotment (2018-19) :Rs. 5,91,77999/-

Revenue of Zoo (2018-19):Rs 2,21,97,791/- (2018-19)

11. Daily feed Schedule of animals : Attached as Annexure-A

12. Vaccination Schedule of animals

Sl No	Name of the vaccine	Disease covered	SPP/Animals to be given
1	FMD Vaccine	Foot & Mouth disease	Raksha-O Vac
2	Anti Rabies vaccine (ARV)	Against Rabies	RakshaRab/ Rabigen
3	Antrtaxspote Vaccine	Against Anthrox	Rakksha anthrax
4	Fel-O-vex(pcligen)	Against	Tetanus Vac
5	*Imidocarb	Tetanus	Tetanus Vac

13. De-worming Schedule of animals

De-worming schedule of all Birds

Sl No.	Species	Drug used	6 months interval	
1	Birds	FENTASBOLUS	-do-	2018
2	Birds	FENTASBOLUS	-do-	2018
3	Birds	OXZOL	-do-	2019

De-worming schedule of all Langur and macaque

Sl No.	Species	Drug used	6 months interval	
1	Langur and macaque	ALBENDAZOLE	-do-	2018
2	Langur and macaque	FENTASBOLUS	-do-	2018
3	Langur and macaque	BANDYKIND PLUS	-do-	2019

14. Disinfection Schedule

Disinfectant/ Water sanitizer Used	Disinfectant/ Water sanitizer	Mode of application	Where used	Schedule
Kohrsolin (Glutareldehyde) Solution	Disinfectant	Spray	Inside enclosure	Weekly
Bleaching powder + Lime powder	Disinfectant	Dusting	Outside enclosure	Weekly
Sanvir (Sodium dichloroisocyanurate) Tablet/ Kohrsolin (Glutareldehyde) Solution	Water sanitizer	Water treatment	Aquatic enclosure	Weekly

15. Education and Awareness programmes during the year

Zoo itself is a place where people can gather education, knowledge and recreation. There are display boards in the enclosure as well as in the trees. In that display board lots of information are given. From that display board people have some ideas about Animals and Plants. Several educational activities are undertaken regularly in the zoo to create awareness among the people more particularly among the students and children. However no well-structured education plan is available. Students and children are given 50% concession of entry fee. Some of the educational activities undertaken regularly in the zoo are as follows:

- i. Wildlife week- 1st to 7thOctober
- ii. Stump Tailed Macaque day – 3rdJuly
- iii. Earth Day- 22ndApril
- iv. World environment day -5thJune
- v. Vanamohatsava -1st to 7thJuly
- vi. International Biodiversity Day- 22ndMay
- vii. Wildlife Photoexhibition
- viii. Seminars
- ix. Interaction with the students etc.

While observing the days, drawing competition, quiz competition, seminar, workshop, film show etc are organized. Local NGOs, students and children are also involved in such programme. Research Work carried out and publications –Nil.

16. Important Events and happenings.

1. Wildlife week- 1st to 7thOctober
2. Stump Tailed Macaque day – 3rdJuly
3. Earth Day- 22ndApril
4. World environment day -5thJune
5. Vanamohatsava -1st to 7thJuly
6. International Biodiversity Day- 22ndMay
7. Wildlife Photoexhibition
8. Seminars
9. Interaction with the students etc.

While observing the days, drawing competition, quiz competition, seminar, workshop, film show etc are organized.

10. Apart from this birthdays of animals also celebrate in the Zoo.

17. Conservation Breeding Programme of the Zoo

Assam State Zoo is actively carrying out the Conservation breeding program for Indian one horned Rhinoceros, the Golden Langur, Himalayan Serow, Golden Cat, Grey PeacockPheasant, White WingWood Duck and Black Soft Shell Turtle. In case of the Rhinoceros, Himalayan Serow and Golden Langur the Zoo has achieved considerable success.

18. Animal acquisition / transfer / exchange during the year

A. Animals arriving in the Zoo					
H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo	
	Striped Hyena	M-1 F-1	Bhagaban Birsa Biological Park	2018	
	Ostrich	M-1 F-1	Kanpur Zoo	2019	
	Common Langur	M-1 F-1			
	Mugger	M-3 F-5			
B. Animals going from the zoo					
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo	
	Mouse Dear	M-1	Bhagaban Birsa Biological Park	2018	
	Ostrich	M-1 F-1	Sakarbaug Zoo	2019	
	Black Panther	M-1			
	Leopard	M-1 F-1			
	Hyena	M-1 F-1			
	Pygmy Hog	M-1			
	FourHornedAntelop	M-1 F-1	ChamarajendraZeological Park, Mysore ,Karnatoka	2019	
	Dearbrowantelered	M-1 F-2	Kanpur Zoo	2019	
	Blown antelered	M-2 F-2			
	Palicant	M-1 F-1			
	Leopard Cat	M-1 F-1			
	Cat Langur	F-1	Nageland Zoo	2018	

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

**Rescue and re-habitation of wild animals during the year 2017-18 of Assam
State Zoo, Guwahati-5**

Rescued

Sl No.	Date	Species	Sex	Total	Remarks
1	20-4-17	Common leopard	F	1	Received from D.F.O., Eastern Assam wildlife Division, Bokakhat.
2	15-5-17	Black Panther	F	1	Received from D.F.O. Dibrugarh Division.
3	5-8-17	Hoolock Gibbon	M	1	Received from C.W.R.C. Kaziranga,
4	13-9-17	Common leopard	M	1	Rescued by Zoo Staff from Pandu, Guwahati
5	13-10-17	Greater one Horne Rhino	M-1 F-2	3	Received from C.W.R.C. Kaziranga,
6	15-10-17	Capped Langur	F	1	Received from Range Officer, Amchang W L Sanctuary, Bonda, Guwahati
7	12-11-17	Common leopard	M	1	Rescued by Zoo Staff from Dhirenpara, Guwahati
8	29-12-17	Golden Langur	M		Rescued by Zoo Staff from Umananda Temple , Guwahati
9	2-3-18	Common leopard Cub	M	1	Received from Tinsukia, Wildlife Division
10	9-6-18	Stump tailed macaque	F	1	Received from Beat officer, Hoolock Gibbon WLS , Jorhat.
11	3-7-18	Common leopard	F	1	Received from Khanamukh Beat Officer, Guwahati
12	24-3-18	Sugar glider		1	Seized By Jorabat Police Out Post and Guwahati W. L. Division
13	24-3-18	Meerkat		1	
14	24-3-18	Marmoset	F-1 M-2	3	

20. Annual Inventory of animals

ANNUAL INVENTORY REPORT INVENTORY REPORT

Annexure-IX
Part I-A

***ENDANGERED
SPECIES**

S.No.	ANIMAL NAME	Scientific name	Opening stock				BIRTH			AQUISATION			DISPOSALS			DEATHS			Closing stock				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	* HILL MYNA	<i>Gracula religiosa</i>	0	0	12	12	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	14	14
2	*KALIJ PHEASANT	<i>Lophura leucomelanos</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
3	*ORIENTAL PIED HORNBILL	<i>Anthracoceros albirostris</i>	0	0	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	3
4	*HIMALAYAN GRIFFON VULTURE	<i>Gyps himalayensis</i>	0	0	9	9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	10	10
5	*EGYPTIAN VULTURE	<i>Neohron percnopterus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
6	*PEAFOWL	<i>Pavo cristatus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	3	3
		Total	3	3	24	30	0	0	0	0	0	4	0	0	0	0	1	0	3	2	28	33	

**OTHER THAN
ENDANGERED
SPECIES**

S.No.	ANIMAL NAME	Scientific name	Opening stock				BIRTH			AQUISATION			DISPOSALS			DEATHS			Closing stock				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	BUDGERIGAR	<i>Melopsittacus undulatus</i>	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25
2	DOUBLE WATTLED CASSOWARY	<i>Casuaris casuaris</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
3	KITE PARIAH	<i>Milvus migrans govinda</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
4	BLUE AND YELLOW MACAW	<i>Ara ararauna</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
5	BLACK HEADED IBIS	<i>Threskiornis melanocephalus</i>	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
6	WATER HEN WHITE BREASTED	<i>Amauronis phoenicurus</i>	0	0	5	5	0	0	5	0	0	4	0	0	0	0	0	0	0	0	0	14	14
7	CATTLE EGRET	<i>Bubulcus ibis</i>	0	0	8	8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	9	9
8	GREATER ADJUTANT STORK	<i>Leptoptilos dubius</i>	0	0	13	13	0	0	2	0	0	2	1	1	0	0	0	1	-1	-1	16	14	
9	LESSER ADJUTANT STORK	<i>Leptoptilos javanicus</i>	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6
10	PARAKEET ALEXANDRINE	<i>Psittacula eupatria</i>	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3
11	PARAKEET PLUM-HEADED	<i>Psittacula cyanocephala</i>	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
12	PARAKEET ROSE-RINGED	<i>Psittacula krameri</i>	0	0	47	47	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	49	49
13	PELICAN GREAT WHITE	<i>Psittacula onocrotalus</i>	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	1	0	0	26	26	
14	PURPLE SWAMP HEN	<i>Porphyrio porphyrio</i>	1	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	4	4
15	INDIAN CUCKOO	<i>Eudynamis scolopacea</i>	1	2	0	3	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	2	2
16	SILVER PHEASANT	<i>Lophura-mythemera</i>	2	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	4	4
17	PHEASANT GOLDEN	<i>Chrysolophus pictus</i>	2	5	0	7	0	0	10	0	0	0	0	0	0	0	0	9	2	5	1	8	8
18	CROW PHEASANT	<i>Centropus sinensis</i>	1	1	0	2	0	0	3	0	0	3	0	0	0	0	0	0	1	1	6	8	8
19	NIGHT HERON	<i>Nycticorax nycticorax</i>	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	2	0	0	8	8	8
20	WHISTLING TEAL LESSER	<i>Dendrocygna javanic</i>	0	0	12	12	0	0	0	0	0	2	0	0	0	0	0	0	0	0	14	14	14
21	BARN OWL	<i>Tyto alba</i>	0	0	3	3	0	0	0	0	0	8	0	0	0	0	0	0	0	0	11	11	11
22	RED JUNGLE FOWL	<i>Gallus gallus</i>	3	1	6	10	0	0	0	0	0	0	0	0	0	0	0	0	3	1	6	10	10
23	EMU	<i>Dromaius novaehollandae</i>	2	3	2	7	0	0	1	0	0	0	0	0	0	0	0	2	2	3	1	6	6
24	FINCHES (ZEBRA FINCH)	<i>Chloebia Sps.</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
25	BROWN FISH OWL	<i>Ketupa zeylonensis</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
26	EAGLE EASTERN STEPPE	<i>Aquila nipalensis</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
27	FERRUGINOUS POCHARD	<i>Aythya myroca</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2

28	BRAHMINY SHELDUCK	<i>Tadorna ferruginea</i>	0	0	4	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	6	6
29	BAR HEADED GOOSE	<i>Anser indicus</i>	0	2	4	6	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	5
30	SPOT BILLED DUCK	<i>Anas poecilorhyncha</i>	0	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	4	4
31	EURASIAN WIGEON	<i>Anas penelope</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
32	COMMON COOT	<i>Fulica acra</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
34	RED BREASTED PARAKEET	<i>Psittacula alexandre</i>	0	0	5	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6	6
35	GREY LAG GEESE	<i>Anser anser</i>	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4
36	COCKATIEL	<i>Nymphicus hollandicus</i>	0	0	16	16	0	0	0	0	0	0	0	0	0	0	1	0	0	-1	16	15
37	GREAT EGRET	<i>Ardea alba</i>	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
38	INDIAN POND HERON	<i>Ardeola grayii</i>	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10
39	LOVE BIRD	<i>Agatornis stp</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
40	OSTRICH	<i>Struthio camelus</i>	3	2	0	5	0	0	0	1	0	0	0	0	0	2	2	0	2	0	0	2
41	TAWNY EAGLE	<i>Aquila rapax</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
43	PAINTED STORK	<i>Mycteria leucocephala</i>	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	1
44	SARUS CRANE	<i>Grus antigone</i>	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
45	BLACK SWAN	<i>Cygnus atratus</i>	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6	6
46	BLOSSOM HEADED PARAKEET	<i>psittacula roseata</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
		Total	22	24	234	280	0	0	21	2	1	35	1	1	0	2	4	16	21	20	274	314

***ENDANGERED SPECIES**

S.No.	ANIMAL NAME	Scientific name	Opening stock as on 01/04/2019				BIRTH			AQUISATION			DISPOSAL			DEATH			Closing stock as on 31/03/2020					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
1	* BINTURONG	<i>Arctictis binturong</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
2	* CAT LEOPARD	<i>Felis bengalensis</i>	2	4	0	6	0	4	6	0	0	0	0	0	0	0	0	2	5	2	6	1	9	
3	* DEER BROW-ANTLERED (Thamin)	<i>Cervus eldi eldi</i>	17	20	21	58	0	0	14	0	0	0	7	7	0	0	0	0	0	10	13	35	58	
4	* ANTELOPE FOUR HORNED (CHOWSINGA)	<i>Tetracerus quadricornis</i>	6	6	0	12	3	0	4	0	0	0	0	0	0	2	0	1	7	6	3	16		
5	* ELEPHANT ASIAN	<i>Elephas maximus</i>	0	3	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3	0	4	
6	*GIBBON HOOLOCK	<i>Bumopithecus hoolock</i>	4	4	0	8	0	0	1	0	0	0	1	1	0	0	1	0	3	3	0	6		
7	* LANGUR GOLDEN	<i>Trachipithecus geei</i>	3	3	0	6	1	0	0	0	0	0	0	0	0	0	0	0	4	3	0	7		
8	*COMMON LEOPARD	<i>Panthera pardus</i>	5	14	0	19	0	0	1	0	0	0	1	0	0	0	2	1	4	12	0	16		
9	* BLACK PANTHER	<i>Panthera pardus</i>	1	3	2	6	0	0	3	0	0	0	0	1	0	0	0	1	1	2	4	7		
10	* LORIS SLOW	<i>Nycticebus bengalensis</i>	6	0	0	6	0	0	0	1	1	0	0	0	0	6	0	0	1	1	0	2		
11	* RHINO GR. INDIAN ONE HORNED	<i>Rhinoceros unicornis</i>	4	4	0	8	0	0	0	0	0	0	1	1	0	0	0	0	3	3	0	6		
12	* SEROW	<i>Capricornis sumatraensis</i>	0	2	0	2	0	0	1	1	0	0	0	0	0	0	0	0	1	2	1	4		
13	* PYGMY HOG	<i>Porcula salvania</i>	1	2	0	3	0	0	0	1	1	0	1	1	0	0	1	0	1	1	0	2		
14	* TIGER BENGAL	<i>Panthera tigris</i>	1	2	0	3	0	0	0	0	1	0	0	0	0	0	0	0	1	3	0	4		
15	* TIGER BENGAL (WHITE)	<i>Panthera tigris tigris</i>	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2		
16	* CAPPED LANGUR	<i>Presbytis pileatus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1		
17	* HIMALAYAN BLACK BEAR	<i>Ursus thibetanus</i>	5	4	0	9	2	0	0	0	0	0	2	2	0	0	1	0	5	1	0	6		
18	* CAT GOLDEN (Melanistic)	<i>Felis temmincki</i>	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	2		
19	* CAT JUNGLE	<i>Felis chaus</i>	5	3	0	8	0	0	0	0	0	0	0	0	0	1	2	0	4	1	0	5		
20	* CIVET COMMON PALM	<i>Paradoxurus hermaphroditus</i>	5	8	2	15	0	0	0	0	2	2	2	2	0	0	0	0	3	8	4	15		
21	* CIVET INDIAN SMALL	<i>Viverricula indica</i>	2	0	0	2	0	0	0	1	0	2	0	0	0	0	1	1	3	-1	1	3		
22	* MACAQUE ASSAMESE	<i>Macaca assamensis</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		

14	BURMESE PYTHON	<i>Python molurus bivittatus</i>	0	0	4	4	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	
15	BALL PYTHON	<i>Python vegics</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
16	GABOON VIPER	<i>Bitis gabonica</i>	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
17	CORN SNAKE	<i>Panthersphis guittatus</i>	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18	GREEN CAT SNAKE	<i>Boaga cyanea</i>	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	2
20	BANDED KRAIT	<i>Bungarus fasciatus</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
		Total	0	0	35	35	0	0	0	0	0	9	0	0	2	0	0	0	0	0	42	42	

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