

**NAGALAND ZOOLOGICAL PARK, RANGAPAHAR  
DIMAPUR NAGALAND**



**Annual Report for the year 2020-21**



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## 1. Report of the Officer-in-Charge

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The Nagaland Zoological Park is located at about 8 km from the commercial city of Dimapur in the state of Nagaland with total area of 176 Hectares. The topography of the zoo is gentle rolling with a number of low lying areas ideal for aquatic birds. The Dhansiri River flows on the western side of the zoo. Climate of this area is hot and humid in the summer months of April to May, from the month of June; rains commence and continue till the early part of October. Mild winter starts from November to February-March. The altitude of the area ranges from 45 – 163 m above mean sea level.

The Park has a collection of about 360 plus captive wildlife comprising mammals, birds and reptiles mostly indigenous to the region including a number of threatened and endangered species. The mammalian species presently housed in the Zoo are Sambar Deer, Barking Deer, Spotted Deer, Common Leopard, Himalayan Black Bear, Slow Loris, Common Capped Langur, Macaques, Hoolock Gibbon, Bengal Tiger, Jackal, Leopard Cat, Red Serow, Asiatic Brush tailed Porcupine, Malayan Porcupine and Asian Palm Civet. The Zoo has among its collection three different species of hornbills namely, Oriental Pied Hornbill, Rufous necked Hornbill and Brown Hornbill. Birds of prey include Wood Owl and Black Kite. Other bird on display includes Great Barbet, Pompadour Green Pigeon and Turtle Dove. The Park also has among its collection some rare species of tortoises and turtles being displayed in the Reptile enclosure.

The Park has a rich diversity of plants species including a number of fruit-bearing species which attracts many species of birds during the fruiting season. Numerous species of flowering plants are also abundantly found inside the park. Some important tree species includes *Artocarpus sp*, *Terminalia chebula*, *Tectona grandis*, *Mesua ferrea*, *Bischofia javanica*, *Ficus spp*, *Spondias sp*, *Castinopsis sp*, *Anthocephalus kadamba*, *Bombax ceiba*, *Tetramelus nudiflora*, *Treva nudiflora*, *Bauhunia sp*, *Largestromia sp*, etc. Trees especially fruit-bearing species are planted every year to increase tree cover and improve habitat of the park for the birds and animals. Some fruit species viz. *Mangifera indica*, *Melia azadirach*, *Terminalia tometosa*, *Embelica officinalis*, *Artocarpus heterophylus*, *Tamarindus indica*, *Erithryna sp*, *Bambusa sp*, *Gmelina arborea*, etc have been planted apart from the other tree species. Many species of medicinal plants are also found naturally inside the park.

The zoo also houses within its boundary wall some free-ranging species of birds and animals. About 100 species of birds that dwell in the forested areas of the park have already been recorded inside the park. More than 200 species of butterflies has also been recorded within the park. One can enjoy these fluttering insects amidst the hustle and bustle of the zoo in the specifically demarcated route named as "Butterfly Pass" which is a scenic route and adding to the natural topographical beauty of the area are the presence of a variety of butterflies.

As part of zoo education and research, during the year the zoo was able to impart training to Student Interns from various colleges and universities of India. Zoo Volunteer works were undertaken and open to any individual who wishes to contribute to the cause towards the conservation of wildlife. And for this many wildlife enthusiasts come forward to help the zoo during occasions such as World Environment Day, Wildlife Week, Cleanliness Drive, etc.

At present the Zoo is undertaking various animal exchange programs with other zoos in India to increase the number of specimen for ultimate display for the visitors. Efforts are being made to improve the conditions of wildlife within the zoo. Keeping pace with the need of the growing populace of the city and to create awareness as well as educate the mass about the conservation of wildlife, the zoo makes keen effort to improve management of our captive wildlife. Starting with 10 different species of animals and birds totalling

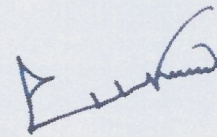
upto64 for display initially in the year 2008, in a span of about 10 years, the zoo now houses 46 different species of animals and birds putting the total collection of 364 specimens as of March 2021.

The comprehensive Master Plan of Nagaland Zoological Park has been prepared and submitted to the Central Zoo Authority for approval. All the developmental works are being carried out according to the Master Plan Layout which had been approved by the Central Zoo Authority. The animal enclosures have been progressively designed to create large enclosures in the natural environment. The abundant space offered by the zoo has been targeted to setup various safaris in the future.

The animal keepers are regularly taken for medical check-ups to keep track of any zoonotic diseases they might acquire through the daily handling of animals. Other regular activities regarding the monitoring of animal healthcare are done with the monitoring staff led by in-house veterinary doctor to prevent any outbreak of diseases in the zoo.

The training of zoo keepers, orientation training of zoo guides, training for field staff on tranquilization techniques and exposure trips were organized during the year for capacity building of Zoo personnel.

This Annual Report provides comprehensive information on the management and development of Nagaland Zoological Park during the year 2020-21. The exciting relationship between the visitors and wildlife will be further strengthened in the future years to come. I hope, during the coming years, Nagaland Zoological Park will continue to grow as an outstanding centre for wildlife conservation, education and research.



**Dr. Prabhat Kumar, IFS**  
DIRECTOR  
Nagaland Zoological Park

## 2. History of the Zoo

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In the year 1916 an area of 6816 acres of Rangapahar Forest was declared as reserved forest. An area of 7865 acres was later added to the reserved forest in the year 1919. In the year 1924 the total area was increased to 1768.4 acres. A portion of the reserved forest measuring 470 Hectares was declared as Rangapahar Wildlife Sanctuary in 1986 Vide. Govt. Notification No. FOR-84/84 dt. 17/06/86. An area of 176 Hectares was earmarked and was fully fenced with brick wall stretching upto nearly 7 km around for Zoological Park.

The Zoo was officially inaugurated on 28<sup>th</sup> of August 2008 and is currently recognized as a category Medium Zoo under the Central Zoo Authority Recognition Rules valid upto 22<sup>nd</sup> August 2022.

Apart from the wildlife in captivity, the park also has a rich biodiversity of plants, animals and birds species inhabiting the forest areas within it. Conservation and protection of biodiversity both flora and fauna forms an important function of the Zoo.

## 3. Vision

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The Nagaland Zoological Park envisage the need to protect conserve and rehabilitate the wildlife that are endemic to the state, and for this the zoo provides an ideal location to conserve, upkeep and breed the species that are now facing population decline and nearing extinction. It is the vision of Nagaland Zoological Park that all the animals find this place a safe haven for them to live and propagate for future existence. The zoo also wishes to become an integral part in the tourist map of Nagaland.

## 4. Mission

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The Mission of Nagaland Zoological Park is to inculcate and develop a sense of caring towards flora and fauna. To serve as a Conservation Centre for flora of North-East India in general and Nagaland in particular and to promote awareness, educate and provide recreation for the people of the State.

## 5. Objective

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1. Ex-situ Conservation programme for the fauna of North-East India and Nagaland.
2. Initiate captive breeding of endangered species of the area.
3. Promoting Zoo as an institute for Conservation awareness education programme for the people of the state and thus enhance awareness on wildlife conservation.
4. As a Centre for conducting scientific studies on the fauna.
5. To provide educative and recreational facilities for the people of the state.



An Aerial View of the Zoo

## 6. About us

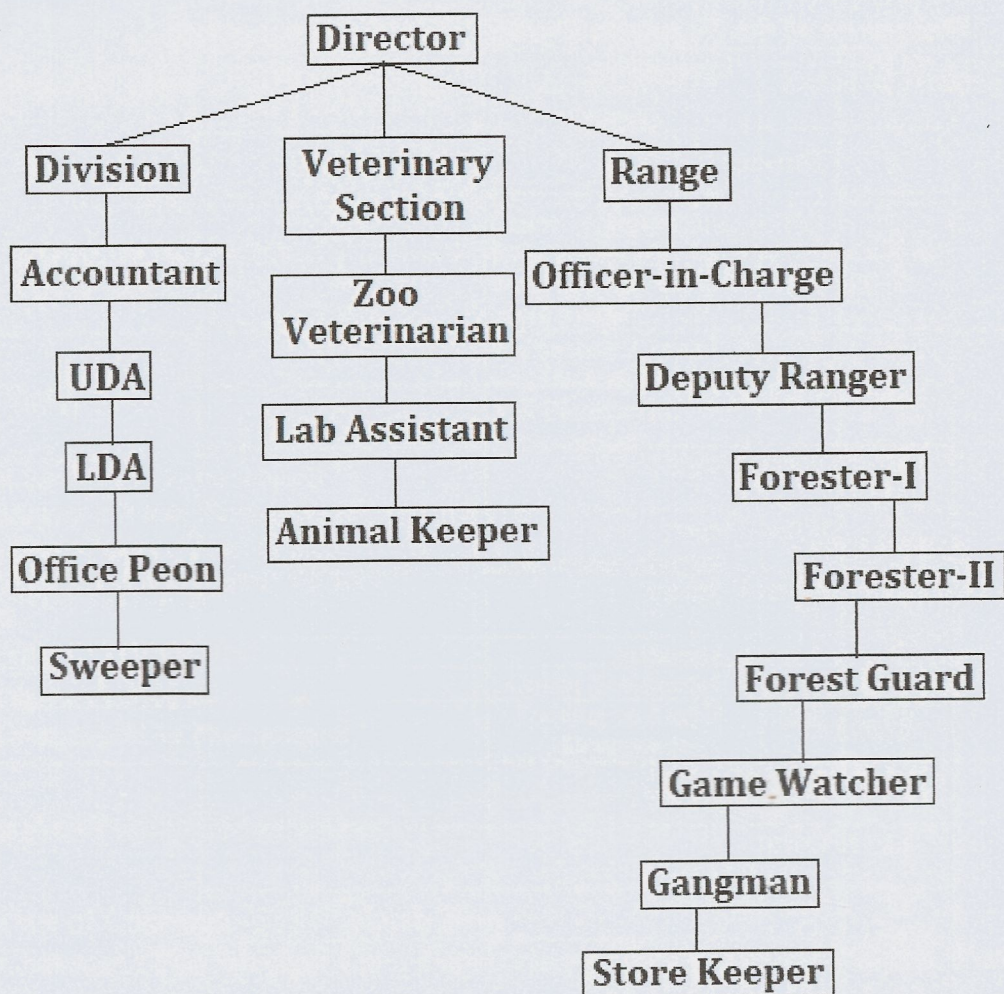
Sl.No	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	Nagaland Zoological Park
2	Year of Establishment	2008
3	Address of the Zoo	Nagaland Zoological Park Rangapahar, Dimapur - 797112
4	State	Nagaland
5	Telephone Number	8974795812
6	Fax Number	NA
7	E-mail address	zoomail.nzp@gmail.com
8	Website	www.nagalandzoologicalpark.org
9	Distance from Nearest	Airport : 9.8 km
		Railway Station : 7.4 km
		Bus Stand : 7.7 km
10	Recognition Valid upto (Date)	19 <sup>th</sup> August 2022
11	Category of zoo	Medium Zoo
12	Area (in Hectares)	176 Hectares
13	Number of Visitors (Financial Year 2020-21) Due to COVID-19 pandemic the zoo was closed for more than 11 months.	Adult :645
		Children :455
		Total Indian : NA
		Total Foreigners : NA
		Total Visitors : 1100 (Zoo closed due to COVID-19 pandemic)
14	Visitors' Facilities Available in Zoo	Toilets, Resting Sheds, Roadside Benches, Visitors Walkways, Visitors' Information Booth, Drinking Water Points, Route Direction Signboards, Guide Maps, Species Information Boards/Charts, Canteen, Recreational Area, and Battery operated vehicle.

15	Weekly Closure Day of the Zoo	Every Monday of the week.
<b>Management Personnel the Zoo</b>		
16	Name with designation of the Officer-in-charge	Smt. Watisungla Amer, Range Forest Officer
	Name of the Veterinary Officer	Dr. Michael Imti Imchen( <i>On Call</i> )
	Name of the Curator	Shri. Prabhat Kumar, IFS Deputy Conservator of Forests
	Name of the Biologist	NA
	Name of the Education Officer	NA
	Name of the Compounder/Lab Assistant	Shri. Viyiho Sema, VFA
<b>Owner/Operator of the Zoo</b>		
17	Name of the Operator	Principal Secretary,
18	Address of the Operator	Principal Secretary, Department of Environment, Forests & Climate Change, Government of Nagaland, Nagaland Kohima
19	Contact details/Phone number of Operator	09436633652
20	E-mail address of Operator	ramkeeias@hotmail.com



## 7. Organizational Chart

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**Manpower of the Nagaland Zoological Park, Rangapahar**

Sl.No	Designation	Number of Sanctioned Posts
1	Director	1
2	Officer-in-Charge	1
3	Deputy Ranger	2
4	Forester-I	7
5	Forester-II	1
6	Forest Guard	16
7	Store Keeper	1
8	Game Watcher	7
9	Animal Attendant	3
10	Mali	2
11	Grass Cutter	2
12	Cook	2
13	Sweeper	2
14	Chowkidar	3
15	B/Operator	1
	Total	60

## 9. Capacity Building of zoo personnel

Sl. No.	Name and designation of the zoo personnel	Subject matter of training	Period of Training	Name of the Institution where the Training attended
1	Smt. Watisungla Amer FRO Shri. Vinoto K Rochill Fr1	Online In Service Training-Cum-Workshop on "Wildlife Management"	07.09.2020 to 12.09.2020	CASFOS Dheradun
2	NZP Staffs	Webinar on "Counter wildlife Trafficking And Biodiversity Conservation"	15.12.2020	Wildlife Conservation Society, India
3	Shri.N.ItoviChishi Forest Guard Shri.AwangboRentta Forest Guard Shri.TokuhaChishi Forest Guard Shri. ZulumenjenLongkumer Forest Guard Shri. Vekuta Forest Guard	In-Service-Training	January to June 2021	State Environment And Forestry Training Institute (SEFTI) Dimapur, Nagaland
4	Shri.DisuraiKaurintra Fr1 Shri.OnenjungshiAo Photographer	Online Zoo Keepers Training on Reptile Management	15.03.2020 to 17.03.2020	CZA

## 10. Zoo Advisory Committee

- a. Date of Constitution : 31<sup>st</sup> March 2016
- b. Chairman : The Principal Chief Conservator of Forests & Chief Wildlife Warden, Nagaland Dimapur
- c. Member Secretary : The Director, Nagaland Zoological Park
- d. Members :
  - i. Conservator of Forests (Wildlife & Biodiversity)
  - ii. The Deputy Commissioner, Dimapur
  - iii. The Commissioner of Police, Dimapur
  - iv. The Chief Executive Officer, Dimapur Municipal Council
  - v. The Deputy Director, Veterinary Hospital, Dimapur
  - vi. The Executive Engineer, Roads & Bridges.
- e. Dates on which Meetings held during the year  
NA

## 11. Health Advisory Committee

The Zoo is yet to constitute a Health Advisory Committee.

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

### STATEMENT OF INCOME & EXPENDITURE FOR THE YEAR 2020-21

(Amount in Lakhs of Rupees)

	STATE NON-PLAN		CZA GRANTS		Feeds	Revenue	Total
	Developmental	Non-Developmental	Developmental	Non-Developmental			
Income/Allotment	-	371.000	Nil	Nil	87.14	0.1745	458.3145
Expenditure	-	337.664	-	-	87.14	0.1745	424.9785
Balance	-	33.336	-	-	Nil	Nil	33.336

## 13. Daily Feed Schedule of Animals

Sl. No	Species (Per Individual)	Feed item	Quantity (in kg)		Day of fasting
			Winter	Summer	
1	Bear	Bread	0.2	0.2	NIL
		Mango	0.2	0.2	
		Jackfruit	0.2	0.2	
		Maize	0.2	0.2	
		Pumpkin	0.5	0.5	
		Wheat bran	0.2	0.2	
		Common salt	0.05	0.05	
		Rice	0.5	0.5	
		Molasses	0.1	0.1	
2	Tiger	Beef	8	8	Monday
		Chicken (dressed)	2	2	
3	Common leopard	Beef	4	4	Monday
		Chicken (dressed)	1.5	1.5	
4	Leopard cat	Chicken (dressed)	0.3	0.3	Monday
5	Common jackal	Beef	0.8	0.8	Monday
		Banana (Mal)	0.2	0.2	
		Molasses	0.1	0.1	
6	Wild Dog (Dhole)	Beef	0.8	0.8	Monday
		Banana (Mal)	0.2	0.2	
		Molasses	0.1	0.1	
7	Civets	Banana (Mal)	0.1	0.1	NIL
		Apple	0.05	0.05	
		Mango	0.05	0.05	
		Guava	0.05	0.05	
		Boiled Egg	1	1	
8	Deer	Banana (Athia)	0.2	0.2	NIL
		Wheat bran	0.2	0.2	
		Gram	0.2	0.2	
		Common salt	0.05	0.05	
		Soya flakes	0.1	0.1	
		Cabbage	0.2	0.2	

		Molasses	0.1	0.1	
9	Spotted Deer	Wheat bran	0.1	0.1	NIL
		Gram	0.2	0.2	
		Common salt	0.05	0.05	
		Soya flakes	0.1	0.1	
		Cabbage	0.5	0.5	
		Molasses	0.1	0.1	
10	Red Serow	Pumpkin	0.2	0.2	NIL
		Wheat bran	0.3	0.3	
		Black salt	0.05	0.05	
		Cabbage	1	1	
		Gram	1	1	
		Common salt	0.05	0.05	
		Soya flakes	0.1	0.1	
		Molasses	0.2	0.2	
11	Sambar	Lessara	0.2	0.2	NIL
		Wheat bran	0.3	0.3	
		Black salt	0.05	0.05	
		Cabbage	0.5	0.5	
		Gram	1.5	1.5	
		Common salt	0.05	0.05	
		Soya flakes	0.1	0.1	
		Molasses	0.20	0.20	
12	Slow loris	Banana (Mal)	0.1	0.1	NIL
		Apple	0.03	0.03	
		Papaya	0.05	0.05	
		Mango	0.05	0.05	
		Guava	0.05	0.05	
		Jackfruit	0.05	0.05	
		Grapes	0.01	0.01	
		Boiled Egg	1	1	
13	Langur	Banana (Mal)	0.15	0.15	NIL
		Carrot	0.1	0.1	
		Papaya	0.2	0.2	
		Mango	0.1	0.1	
		Guava	0.1	0.1	
		Jackfruit	0.1	0.1	
		Coconut	0.1	0.1	
		Pumpkin	0.1	0.1	
		Boiled Egg	1	1	
		Bread	0.2	0.2	
14	Monkeys	Banana (Mal)	0.2	0.2	
		Carrot	0.1	0.1	
		Orange	0.1	0.1	
		Papaya	0.1	0.1	
		Mango	0.1	0.1	
		Guava	0.1	0.1	
		Coconut	0.1	0.1	
		Green Pea	0.05	0.05	
		Jackfruit	0.2	0.2	
		Pumpkin	0.05	0.05	
		Boiled Egg	1	1	
15	Hoolock Gibbon	Banana (Mal)	0.1	0.1	
		Apple	0.1	0.1	

		Papaya	0.1	0.1	NIL
		Mango	0.1	0.1	
		Guava	0.1	0.1	
		Jackfruit	0.2	0.2	
		Grapes	0.05	0.05	
		Boiled Egg	1	1	
		Green Pea	0.05	0.05	
		Sweet Potato	0.1	0.1	
		Coconut	0.1	0.1	
		Bread	0.2	0.2	
16	Porcupines	Pumpkin	0.2	0.2	NIL
		Maize	0.1	0.1	
		Carrot	0.1	0.1	
		Yam	0.2	0.2	
17	Hornbills	Papaya	0.1	0.1	NIL
		Tomato	0.2	0.2	
		Banana Mal	0.1	0.1	
		Mango	0.1	0.1	
		Boiled Egg	1	1	
		Apple	0.05	0.05	
		Grapes	0.1	0.1	
		Rice	0.1	0.1	
18	Eagles	Beef	0.2	0.2	Monday
		Chicken	0.2	0.2	
19	Kite	Chicken	0.15	0.15	Monday
20	Owls	Chicken	0.15	0.15	Monday
21	Peahen	Cabbage	0.1	0.1	NIL
		Tomato	0.2	0.2	
		Maize	0.1	0.1	
		Dry fish	0.02	0.02	
		Green pea	0.1	0.1	
		Broken rice	0.1	0.1	
22	Emu	Cabbage	0.5	0.5	NIL
		Poultry feed	0.3	0.3	
		Maize powder	0.25	0.25	
		Wheat bran	0.2	0.2	
		Broken rice	0.1	0.1	
23	Red Jungle Fowl	Cabbage	0.1	0.1	NIL
		Poultry feed	0.2	0.2	
		Maize	0.1	0.1	
		Green pea	0.1	0.1	
		Broken rice	0.1	0.1	
24	Green Pigeon	Banana (Mal)	0.05	0.05	NIL
		Papaya	0.05	0.05	
		Guava	0.05	0.05	
		Broken rice	0.05	0.05	
25	Parrots	Maize	0.05	0.05	NIL
		Banana (Mal)	0.05	0.05	
		Guava	0.05	0.05	
26	Burmese Tortoise	Cabbage	0.3	0.3	NIL
		Sweet Potato	0.3	0.3	
		Pumpkin	0.2	0.2	

		Yam	0.3	0.3	
27	Turtles	Molluscs	0.1	0.1	NIL
		Aquatic plants	0.1	0.1	
		Cabbage	0.2	0.2	
28	Star Tortoise	Sweet Potato	0.03	0.03	NIL
		Pumpkin	0.03	0.03	
		Yam	0.03	0.03	
		Green leaves	0.1	0.1	
29	Burmese Python	Chicken	4	4	NIL

#### 14. Vaccination Schedule of Animals

Sl. No	Species	Date	Vaccine Used	Remark
1.	Dholes	12/07/2020	Vanguard plus 5L4, Antirabies (Raksharab)	Successful
2	Tigers	03/09/2020	Felovax, Antirabies (Raksharab)	Successful
3	Leopard	05/10/2020	Felligen, Antirabies (Raksharab)	Successful

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

Sl. No	Species	Date	Oral/ Injection	Remark
1	Deers	11/08/ 2020	Ivermectin 1.5 g mixed in feeds @ .3 mg/kg bwt	As per Stool screening results every 3 months.
2	Primates	do	Febendazole 150mg in feeds	do
3	Large Mammals	do	Ivermectin 1.5 g mixed in meat @.3mg/kg bwt.	do
4	Birds of prey	12/08/ 2020	Febendazole .50mg /kg bwt.	do
5	Large Cats	do	Ivermectin 1.5 g mixed in meat @.5mg/kg bwt.	do
6	Common Jackals	do	Ivermectin 10 mg mixed in meat @.5mg/kg bwt.	do
7	Dhole (Wild Dog),	do	Ivermectin 10 mg mixed in meat @.5mg/kg bwt.	do
8	Turtles	04/08/2020	CeftazidimeInj IP 1gm	do

## 16. Disinfection Schedule

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Sl. No	Species	Date	Oral/ Injection	Remark
1	All the enclosures	Throughout the Year	KMNO <sub>4</sub> mixed in water @10g in 25 litres everyweek inside the cell.	Daily cleaning with water.

## 17. Health Check-up of employees for Zoonotic diseases

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General Health check-up of Zoo Animal Keepers are done periodically.

## 18. Developmental Works carried out in the zoo during the year 2020-21

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Sl. No.	Name of Work	Grant	Status	Year of Completion
1	NIL			



## 19. Education and Awareness programmes during the year

Sl. No	Events	Date	Remarks
1	World Environment Day 2020	5 <sup>th</sup> June 2020	Celebrated
2	World Wildlife Week 2020	1 <sup>st</sup> to 7 <sup>th</sup> October 2020	Hosted
3	Independence Day 2020	15 <sup>th</sup> August 2020	Unfurling of National Flag
4	Republic Day 2021	26 <sup>th</sup> January 2020	Unfurling of National Flag
5	World Wetlands Day 2021	2 <sup>nd</sup> February 2021	Celebrated
6	World Wildlife Day 2021	3 <sup>rd</sup> March 2021	Celebrated
7	Nature Conservation Awareness Programme, Government Middle School, Darogajan, Dimapur	18 <sup>th</sup> March 2021	Hosted
8	Nature Conservation Awareness Programme, Government Middle School, Purana Bazar, Dimapur	19 <sup>th</sup> March 2021	Hosted
9	Official Visits	Throughout	Hosted

## 20. Important Events and happenings

Due to COVID-19 pandemic the zoo remained closed throughout the year.

## 21. Seasonal special arrangements for upkeep of animals

Sl.No.	Species	Upkeep	Status
1	Macaques	Enrichment Work	Completed& Utilizing
2	Royal Bengal Tiger	Improvement Work	Completed& Utilizing
3	Oriental Pied Hornbill	Enrichment Work	Completed& Utilizing
4	Himalayan Black Bear	Improvement Work	Completed& Utilizing
5	Burmese Mt. Tortoise	Improvement Work	Completed& Utilizing
6	Emu	Enrichment Work	Completed& Utilizing
7	Porcupine	New Holding	Completed& Utilizing

8	Civet	Improvement Work	Completed& Utilizing
9	Slow Loris	Enrichment Work	Completed& Utilizing
10	Common Leopard	Improvement Work	Completed& Utilizing

## 22. Conservation breeding programme of the Zoo

Sl.No.	Species	Status
1	Conservation Breeding of Burmese Tortoise in collaboration with Turtle Survival Alliance - India	No Hatching due to Climatic factors.
2	Conservation Breeding Of Blyth's Tragopan	Successfully hatched and upkeep

## 23. Animal acquisition/transfer/exchange during the year

NIL (COVID-19 pandemic period)

## 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
1	18.04.2020	Peacock Soft Shell Turtle 0:0:1:1	Rescue of Wild Origin	20.05.2020	Temporary Rescue Unit	NA
2	18.04.2020	Assamese Macaque 1:0:0:1	Rescue of Wild Origin	20.05.2020	Temporary Rescue Unit	NA
3	09.05.2020	Slow Loris 0:1:0:1	Rescue of Wild Origin	11.06.2020	Temporary Rescue Unit	NA
4	21.05.2020	Malayan Porcupine 1:1:0:2	Rescue of Wild Origin	23.06.2020	Temporary Rescue Unit	NA
5	28.05.2020	Himalayan Black bear 0:0:2:2	Rescue of Wild Origin	24.06.2020	Temporary Rescue Unit	NA

6	29.06.2020	Asian Brown Tortoise 0:1:0:1	Rescue of Wild Origin	20.07.2020	Temporary Rescue Unit	NA
7	12.07.2020	Common Leopard 0:1:0:1	Rescue of Wild Origin	15.08.2020	Temporary Rescue Unit	NA

## 25. Annual Inventory of animals

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Form – II  
[See Rule 11(1)]  
Part - A

Inventory Report for the year: 2020-21

### ANNEXURE-1 A

Mammals	-	Species – 20	Specimens	-	162
Birds	-	Species – 15	Specimens	-	48
Reptiles	-	Species – 11	Specimens	-	154
<b>Total</b>	-	<b>Species – 46</b>			
Endangered Species	-				108
Other than Endangered Species	-				256
		<b>Total</b>	-		<b>364</b>

## 26. Mortality of animals

S.No	Species Name	Date of death	Sex				No. of Individuals	Age Class
			M	F	J	Un		
1	Malayan Porcupine	02.04.2020	1				1	Adult
2	Oriental Pied Hornbill	06.04.2020	1				1	Adult
3	Barking Deer	19.04.2020	1				1	Adult
4	Assamese macaque	13.05.2020	1				1	Adult
5	Spotted Deer	22.05.2020	1				1	Adult
6	Capped Langur	03.06.2020	1				1	Adult
7	Spotted Deer	27.06.2020	1				1	Adult
8	Rose Ring Parakeet	24.07.2020	1				1	Adult
9	Assamese macaque	30.07.2020	1				1	Juvenile
10	Slaty Parakeet	03.08.2020	1				1	Adult
11	Himalayan Black Bear	05.09.2020	1				1	Sub-Adult
12	Burmese Black Tortoise	25.09.2020				1	1	Adult
13	Sambar Deer	30.09.2020			1		1	Juvenile
14	Alexandrine Parakeet	24.10.2020	1				1	Adult
15	Masked Palm Civet	20.11.2020			1		1	Juvenile
16	Burmese Black Tortoise	18.12.2020				1	1	Juvenile
17	Oriental Pied Hornbill	13.02.2021	1				1	Juvenile
18	Oriental Pied Hornbill	26.02.2021		1			1	Adult
19	Smbar Deer	09.03.2021	1				1	Adult
20	Sambar Deer	10.03.2021	1				1	Adult
21	Assamese Macaque	19.032021		1			1	Adult
22	Spotted Deer	23.03.2021			1		1	Juvenile
23	ASIATIC BRUSH-TAILED PORCUPINE	27.03.2021	1				1	Adult
<b>TOTAL</b>			<b>16</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>23</b>	

## **27. Status of the Compliance with conditions stipulated by the Central Zoo Authority**

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The Zoo has been recognized as a medium zoo by the Central Zoo Authority, New Delhi upto 22nd August 2022. All efforts and attempts are being made to comply with the stipulated conditions for continuation of recognition of the zoo. The zoo is continuously working towards the development of infrastructures and facilities within the zoo for the captive wildlife, visitors and zoo personnel.

History Card of captive wildlife species, where mandatory, is being maintained. Pairing of single sexed captive wildlife is being initiated on priority and few captive wildlife has been successfully paired through the animal exchange programme.

De-worming schedule and vaccination schedule of all captive wildlife are being followed as per the stipulated conditions given by CZA.

In-house conservation breeding programme is being taken up for the selected species and potential conservation breeding programme for funding through Central Zoo Authority has been identified.

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

### Free Living Mammals

1	Sambar Deer	<i>Cervus unicolor</i>
2	Golden Jackal	<i>Canis aureus</i>
3	Barking Deer	<i>Muntiacus muntjak</i>
4	Assamese Macaque	<i>Macaca assamensis</i>

### Free Living Reptiles

1	Common Sand Boa	<i>Erycinae</i>
2	Monitor Lizard	<i>Varanus bengalensis</i>
3	Burmese Rock Python	<i>Python molurus bivittatus</i>
4	Burmese Tortoise	<i>Manouria emys</i>
5	Tokay Gecko	<i>Gekko gekko</i>

### Insects

1	Butterflies	200 Plus Species and counting.
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### Free Living Birds

1	Common Lora	<i>Aegithina tiphia</i>
2	Abbots Babbler	<i>Malacocinla abbotti</i>
3	White bellied Blue Flycatcher	<i>Cyornis pallipes</i>
4	Black Baza	<i>Avicedaleuphotes</i>
5	Common Emerald Dove	<i>Chalcophaps</i>
6	White Rumped Munia	<i>Lonchura striata</i>
7	Blue Throated Barbet	<i>Megalaima asiatica</i>
8	Ashy Wood Swallow	<i>Artamus fuscus</i>
9	Rufous Treepie	<i>Dendrocitta vagabunda</i>
10	Green Billed Malkoha	<i>Phaenicohaeus</i>
11	White Breasted Waterhen	<i>Amaurornis phoenicurus</i>
12	Lesser Whistling Teal	<i>Dendrocygna javanica</i>
13	Red Vented Bulbul	<i>Pycnonotus bafer</i>

14	Black Crested Bulbul	<i>Pycnonotus melanicterus</i>
15	Tailor Bird	<i>Orthotomus sutorius</i>
16	Dollar Bird	<i>Eurystomus orientalis</i>
17	Scarlet Backed Flower Pecker	<i>Dicaeum cruentatum</i>
18	Black Drongo	<i>Dicurus macrocercus</i>
19	Oriental Magpie Robin	<i>Copsychus saularis</i>
20	Red jungle Fowl	<i>Gallus gallus</i>
21	Spangled Drongo	<i>Dicurus hottentottus</i>
22	Common Hoppoe	<i>Upupa epops</i>
23	Long Tailed Shrike	<i>Lanius schach</i>
24	Indian Scrimitar Babbler	<i>Pomatorhinus erythrogeus</i>
25	Black Naped Monarch	<i>Hypothymis azurea</i>
26	Greater Necklaced Laughing Thrush	<i>Garrulax pectoralis</i>
27	Common Myna	<i>Acridotheres tristis</i>
28	Greater Coucal	<i>Centropus sinensis</i>
29	Asian Barred Owlet	<i>Glaucidium cuculoides</i>
30	Chestnut Tailed Starling	<i>Sturnus malabaricus</i>
31	Spot Winged Starling	<i>Saraglossa spiloptera</i>
32	Forest Wagtail	<i>Dendronanthus indicus</i>
33	Indian Roller	<i>Coracias benghalensis</i>
34	White Throated Kingfisher	<i>Halcyon smyrnensis</i>
35	Common Kingfisher	<i>Alcedo</i>
36	Spotted Dove	<i>Spilopelia chinensis</i>
37	Little Spider hunter	<i>Arachnothera longirostra</i>
38	Lesser Coucal	<i>Centropus bengalensis</i>
39	Pompadour Green Pigeon	<i>Treron sphenura</i>
40	Vertider Flycatcher	<i>Eumyias thalassina</i>
41	White Throated Fantail	<i>Rhipidura albicollis</i>
42	Barn Swallow	<i>Hirundo rustica</i>
43	Eurasian Tree Sparrow	<i>Passer montanus</i>
44	Great Tit	<i>Parus major</i>
45	Small Niltava	<i>Niltavamacgrigoriae</i>
46	Brown Shrike	<i>Lanius cristatus</i>
47	White Wagtail	<i>Dendronanthus indicus</i>

PHOTOGRAPHS





**Thank You**


*Do Visit Us*


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