

ANNUAL REPORT OF NEHRU PARK CUM SMALL ZOO, DANAKGRE, TURA FOR THE YEAR 2021-22

The Nehru Park cum Mini Zoo, Danakgre is located in Tura in Meghalaya and is the only zoo in the Garo Hills Region and only the second one in the state. It was initially started by the District Administration at Tura Park where few rescued animal were kept for amusement and entertainment for visitors. During the year 1967 it was handed over to the Divisional Forest Officer, Garo Hills (T) Division, Tura. Later it became a small rescue centre and started dealing with the problem of displaced and injured animal. The Nehru Park cum Mini Zoo is important for the region because it not only provides recreation to the visitors but also acts as a centre for displaced, orphaned and injured animal which could not be released back in the wild due to more or more of the reasons. Many animals are also being rehabilitated here and released back in the wild when certified fit by the Veterinary surgeon of the Zoo. As the number of animals grew and the need for a permanent holding facility was felt, the zoo was shifted to the present location at the Nehru Park at Danakgre. The Zoo has since been functioning as Mini Zoo under section 38th of the Wildlife (Protection) Act, 1972 by the CZA vide letter No. F No. 19-168/93-CZA/188 dated 10/10/2005.



Vision of the Zoo:

Tura Mini Zoo was basically started for recreation purposes only however, with the advancement of time, the need to protect and conserve global biodiversity and wildlife was realized, therefore it was shifted to present location with the following vision:

- a. A scientific institution engaged in Animal Welfare, Research, Conservation, Education and Sustainability.
- b. Best business practice, being efficient, focused and productive, with close attention paid to planning, ecologically sound design and pollution free environmental.
- c. Outstanding "Value for Money" for all who visit the zoo, providing fun, entertainment and learning.

Mission of the zoo:

- (a) To act as Rescue Centre by receiving and keeping orphaned, seized, rescued and injured wild animals.
- (b) Develop amongst the visitors an understanding about the ecological linkages with the life supporting processes of nature and the need for keeping them intact by adopting sustainable life styles and living in harmony with nature.
- (c) Develop amongst visitor's empathy for Wildlife and motivate them to support the cause of conservation of wildlife.
- (d) Compliment the national effort in conservation of Wildlife through planned coordinated conservation breeding of endangered wild animal species of the region.
- (e) Enhancing the role of the zoo in conservation of wildlife through collaborated research aiming at attaining, management skilled for in-situ population and carrying out advocacy for protecting the wild animals and their natural habitat.



Pitcher Plant (*Nepenthes khasiana*)

Administrative Set-up:

The Nehru Park cum Mini Zoo is placed under the establishment of East and West Garo Hills Wildlife Division. Therefore, the Divisional Forest Officer of the Division controls financial and establishment matters of the zoo. One Assistant Conservator of Forests in charge of Park Range is posted as Curator of the Zoo. Veterinary section is looked after by the Veterinary Assistant Surgeon of Nokrek National Park who is stationed at the zoo.

As has been the case everywhere, the Zoo has remained closed for public for most part of the year due to strict Covid protocols issued by the CZA, the State Government and the District Administration. With the easing of restrictions and return to normalcy it is hoped that the Park cum Zoo will be able to once again welcome visitors.

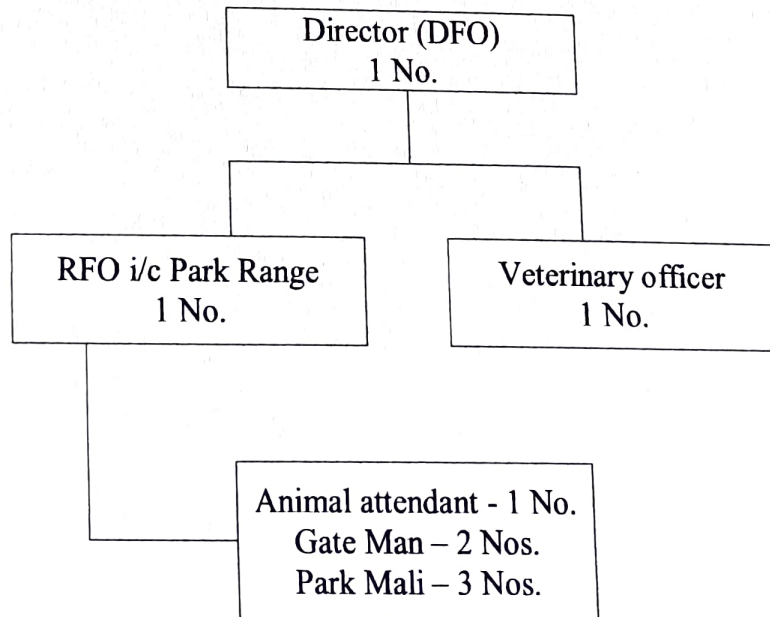


Children's Play zone

Recognition:

The zoo has been recognized as Mini Zoo under section 38th of the Wildlife (Protection) Act, 1972 by the CZA vide letter no. F No. 19-168/93-CZA/188 dated 10/10/2005.

Staff:



Master Plan:

The Master (Layout) plan and master plan of the zoo was approved by Central Zoo Authority (CZA) vide their letter No. F. No. 19-168/93-CZA (188)(Vol-I)2646/2016 Dated 20/09/2016.

Conservation Breeding Program:

Nil

Training programme conducted during 2019-20:

Nil

Workshop on Management of Zoo:

Nil

Endangered species recovery:

Nil

Research Program organized during 2021-22:

Nil

Exchange of Animals approved/recommended in 2021-22:

Nil

New Animal enclosure designed/submitted to CZA in 2021-22:

Nil

Development Works initiated/completed in 2021-22:

Maintenance of Animal enclosures.

Annual Visitor's statement in 2021-22:

No record as presently entry to the Zoo is free

Inventory of Animal as on 31/03/2022:

Enclosed as Annexure -I

Death/Birth/Acquisition/Disposal report as on 31/03/2022:

Enclosed as Annexure -

Inventory of Buildings:

SP Type Hostel building – 1 No.
SP Type II building – 5 Nos.
SP Type Range Office – 1 No.
SP Type Veterinary Dispensary – 1 No.
Interpretation Centre – 1 No.



Barking deer (*Munthiacas munthjac*)

Man Power of the Zoo:

Sl. No.	Designation	Number of sanctioned Posts	Names of the Incumbent
1.	Animal Husbandry & Vet. Officer	1	1. Dr. Sengbat S M omin (Upto 15 th February 2022)
2	Range Forest Officer	1	1. S.B. Marak
3	Animal Attendant	1	1. Pindrick M. Sangma.
4	Animal Attendant	1	1. Pindrick M. Sangma.
5	Park Mali	3	1. Grechil B. Marak
			2. Dipson A. Sangma
			3. Bikash D. Sangma
6	Gateman	1	1. Lordning R. Marak
7	R. C. W.	4	1. Stephenson N. Marak
			2. Krimson Ch. Marak
			3. Kealson M. Marak
			4. Salita K. Sangma

Capacity Building of the 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 was attended
1	Shri. Pindrick M. Sangma, Animal Attendent Shri. Dapen N Marak, RCW	Reptile Management in three folds.	1 st to 3 rd Dec. 2021	Guwahati Zoo
2				



Subdued programs due to Covid restrictions

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
		Nil			
Animals going from the zoo					
H. No.	Species	Number (M:F)	Going to which zoo	Date of deposition from the zoo	
	Nil				

No animals were acquired/transferred/ exchanged during the year.



Indian Rock Python (Python molurus)

Daily Feed Schedule of the animals:

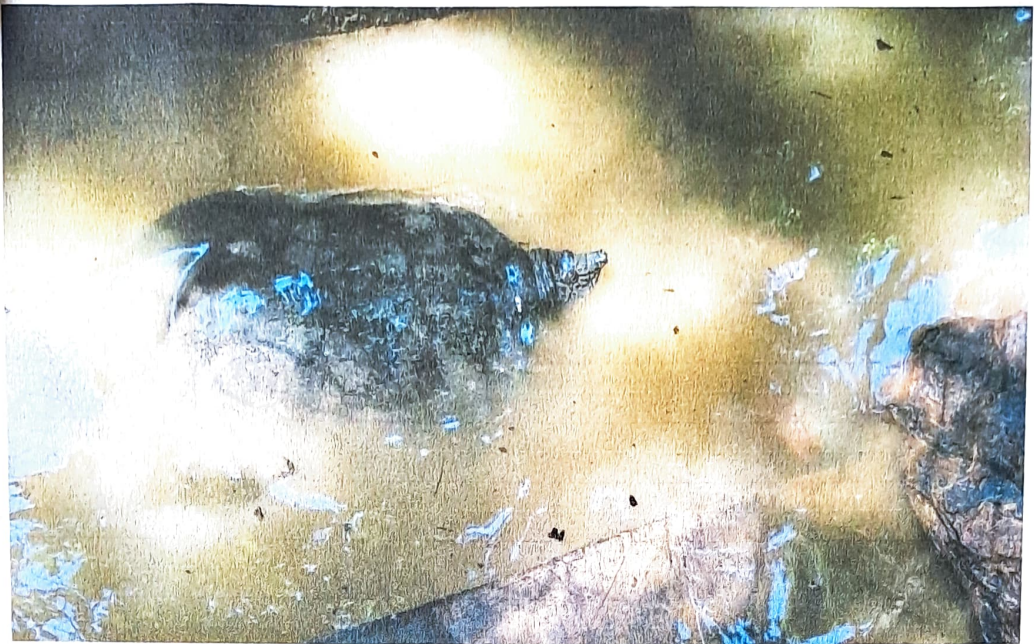
Sl. No.	Name of the species	Feeding items	Quantity per animal		Remarks
			Summer	Winter	
1.	Jackal	Beef and minced chicken	0.5 kg	0.5 kg	Once daily.
		Rice with Dal			
2.	Eagles	Minced meat (beef/chicken)	0.250 kg	0.250 kg	Once daily.
3	Brown fish owl	Minced meat (beef/chicken)	0.250 kg	0.250 kg	Once daily
3.	Python	Live chicken	2 nos. each weighing around 2 kg	----	Twice per month
4.	Barking deer	Concentrated feed	0.5 kg	0.5 kg	Once daily.
		Chana (gram)	0.2 kg	0.2 kg	
		Banana (ripe)	4 fingers	4 fingers	
		Green Fodder	1.500 kg	1.500 kg	
		Carrot/Cabbage/Green Beans	200 g	200 g	
5.	Macaques	Banana	4 nos	4 nos	Twice daily
		Cucumber	0.4 kg	0.4 kg	
		Rice (cooked)	0.2 kg	0.2 kg	
		Pumpkin (boiled)	0.4 kg	0.4 kg	
		Chana (gram)	0.2 kg	0.2 kg	
		Green Beans	100gm	100gm	
		Sweet potato (boiled)	0.2 kg	0.2 kg	
		Seasonal fruits	0.2 kg	0.2 kg	
7	Black soft shelled turtle	Fish	50 g	50 g	Once daily.
		Shell fish	50 g	50 g	
		Beef	50 g	50 g	

Vaccination Schedule of animals:

Sl. No	Species	Disease Vaccinated for	Name of the Vaccine and Dosage/quantity used	Periodicity	Remarks
1	Canids	Rabies	Raksharab/1ml	Annually.	i/m.
2	Canids	Distemper/Hepatitis Leptospirosis/parvovirus/ Para-influenza.	Megavac 6/1ml	Annually.	i/m.
3	Herbivores	FMD/BQ/HS.	Raksha triovac/2ml.	Annually.	i/m.

De-worming Schedule of animals:

Sl. No	Species	Drug used	Month
1	Herbivores	Fentus Plus	Quarterly
2	Macaques	Albendazole/Fenbendazole	Quarterly
3	Canids	Fentus plus	quarterly
4	Birds	Albendazole	Quarterly



Black Soft-shelled Turtle(*Nilssonia nigricans*)

Disinfection Schedule

Sl. No	Species	Type Of Enclosure	Disinfectant used and method	Frequency of disinfection
1	Canids	Chain link	NaOCl, spraying	Twice Weekly
2	Avian	Chain Link	NaOCl, spraying	Twice Weekly
3	Reptiles	Chain Link	KMNO ₄ Spraying	Twice Weekly
4	Macaques	Chain Link	NaOCl, Spraying	Twice Weekly
5	Ungulates	Chain Link	NaOCl, Spraying	Twice Weekly

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						



Visitor Shed

Performa for Death Report:

Annual Death Report for the year 2021-22 w.e.f 01-04-21 to 31-03-2022

Sl. No	Animal name (with Individual I.D. mark if any)	Scientific name	Sex	Date of death	Cause of death
1	Indian Hornbill	<i>Buceros bicornis</i>	M	13/04/2021	Acute gastric enteritis
2	Pig tailed Macaque	<i>Macaca leonina</i>	M	01/08/21	Traumatic Injury
3	Rhesus Macaque	<i>Macaca mulata</i>	F	05/09/21	Respiratory failure to septicemia.
4					
5					



Water Bodies:

There is a perennial stream called "Manganchi" running across the Zoo area. Apart from there, there is a small pond near the veterinary dispensary.

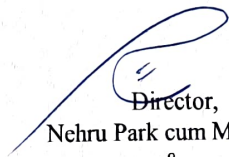
Status of compliance w.r.t conditions conveyed by CZA vide their letter **F.No.19-168/93-CZA(188)(Vol.I)(PKR)/1858/2017 dated 27/10/2017:**

Enclosed as Annexure – III

Road:

There are no memorable roads inside the zoo.

Submitted,



Director,
Nehru Park cum Mini Zoo
&

Divisional Forest Officer,
East and West Garo Hills, Wildlife Division, Tura.