























### ANNUAL REPORT 2021-2022 NORTH BENGAL WILD ANIMALS PARK

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		- 13.00



### **FROM THE DIRECTOR'S DESK**

#### Dear all !

Our world is too vast to see it entirely. We can spend our life trying and still fail at the end. What we know is that we are not alone. We share this amazing world with a multitude of flora and fauna that it is in actuality quite impossible to witness each and every species that thrives alongside us. Especially for we humans, who are much fascinated by these animals Bengal Safari was created with an aim for better human interaction with animals.



In other words, we are an institution that houses various animals, birds and reptiles. They are well protected in a space where they are given proper food and medical care. Bearing in mind the animal's safety we rigorously follow government's strict guidelines and all is done to ensure their well being. In addition, we also serve as breeding grounds for animals to further protect the continuity of their species.

Bengal Safari was made with a goal to bring wildlife closer to humans. It gives us an up-close view of these species. It also allows our many researchers and scholars to better study them.

Furthermore, we are a great source of education and entertainment. Adults or children, none can deny the fascination these elusive animals holds in our hearts. This also helps them to learn more about these animals. With the exposure to wildlife provided in a safe environment, we make interactions with animals better than ever before in our region. Spreading knowledge along with aesthetic entertainment we also do our very best to create awareness about the importance of wildlife protection.

Cuoting the father of our nation, "The greatness of a nation and its moral progress can be judged by the way its animals are treated"

I would like to end on this note. thank you

a philicentel

Dawa Sangmu Sherpa, WBFS Director, North Bengal Wild Animals Park Bengal Safari, Siliguri.

### **HISTORY OF THE ZOO**

The North Bengal Wild Animals Park was earlier part of the Baikunthapur Forest Division under the Adabari Beat and earlier existed as Shorea Nature Park adjacent to Mahananda Wildlife Sanctuary, later on an area of 297 Ha was identified by including the earlier existing park for the establishment of the North Bengal Wild Animals Park at Siliguri. As Siliguri stands in a unique geographical niche; Nepal lies in the West, Bhutan to the North- East, China and Bangladesh to the South as well as being a principal commercial tourism hub and the transit point for air, road and rail traffic to the neighboring countries of Nepal, Bhutan and Bangladesh, and to the North East, tourists / people from other parts of the country become interested to take a glimpse of wild animals and birds of the North Bengal for developing a healthy relationship between animals and human beings. The North Bengal Wild Animals Park was thus planned keeping in view of CZA's norms for its development, objectives and maintenance. The Hon'ble Chief Minister of West Bengal, Smt. Mamata Banerjee had laid the foundation stone of the North Bengal Wild Animals Park on July 17, 2014 & inaugurated the first phase of this massive project (Mixed herbivore safari) in January 2016.

The North Bengal Wild Animals Park, Siliguri is more of a Safari Park and aims to showcase the different animals in their natural habitats through safari vehicles. It presents the picturesque glimpse of the Himalayan range establishing its inmate charm. Bengal safari is situated 8 km from Siliguri and at present have Tiger Safari, Mixed Herbivore Safari, Asiatic Black Bear Safari, Leopard Safari, zoo enclosure exhibits housing birds, lesser cats & reptiles and Nature Interpretation Centre, Elephant rides etc.



### **OUR VISION**

The North Bengal Wild Animals Park (Bengal Safari) Siliguri, West Bengal is to provide a glimpse of wild animals and birds of the North Bengal plains to the general public for developing a healthy relationship between animals and human beings and to promote conservation of our invaluable faunal resources through display, care and awareness. The safari is an endeavor to breed the endangered species for display, exchange and rehabilitation in the wild.

### **OUR MISION**

This Wild Animals Park, Siliguri intends to complement the national efforts in conservation of wildlife through breeding of endangered species of the region and to develop empathy among visitors for wild animals.

The park shall work for the conservation of the rich bio-diversity of the region to the following objectives:

**BJECTIVE** 

• Conservation of the rich biodiversity of the North Bengal region.

To reduce the tourist pressure on the National Parks/Protected Areas.

• To create amongst the visitors empathy towards wild animals through appreciation and better understanding.

• To collect and collate the scientific data on the biology, behavior and health care of various species of wild animals displayed in the safari and use the same in future management of the safari park.

• Recreation for the purpose of providing wholesome, healthy and educational activity to a large number of people by utilizing the outdoor natural setting without detriment to any of the preceding objectives.



### **ABOUT US**

#### Information about the Zoo

SI. No.	Particulars	Information
	Basic Information	about the Zoo
1.	Name of the Zoo	North Bengal Wild Animals Park
2.	Year of Establishment	2016
3.	Address of the Zoo	North Bengal Wild Animals Park,5th Mile, Sevoke Road, Salugara, Siliguri-734008
4.	State	West Bengal
5.	Telephone Number	+91 7047312620
6.	E-mail address	dirnbwap@gmail.com
7.	Website	www.northbengalwildanimalspark.in
8.	Distance from nearest	Airport: Bagdogra International Airport (Distance: 21 km)
	WARLY	Railway Station: NJP (Distance: 15 km) Bus Stand: Tenzing Norgay Bus Terminus (Distance: 10 km); P.C. Mittal Bust Stand (Distance – 6 km)
9.	Recognition Valid upto (Date)	19.08.2021
10.	Category of zoo	Mini
11.	Area (in Hectares)	299.459 ha
12.	Number of Visitors (Financial Year)	1,25,828
13.	Visitors' Facilities Available in Zoo	• Cloak Room
	· ACCENTER OF	• Baby care room
	K - Charles - Charles	Wheel Chair Normal & Chilled certified drinking
1 a		water with R.O. filter facility
λ.X	CHARTER PROPERTY	• Washroom
		• Cafeteria & Canteen
	AN DEPRESENT	Children playing area
× .		Sitting arrangement
1.5		• First aid
	A Start A Start Barrier Start Star	Leaflets & brochures
-14		Online zoo & safari ticketing facility
	Contraction of the second	• Souvenir Shop • Golf Cart
	and the second second	Height measurement wall stand for
- dec		visitors.
	A Stand of the second s	Trackless Toy Train
the states	- Martin California	• Visitors Waiting Hall • Solar mobile charging point
and the state of		



Sl. No.	Particulars	Information
14.	Weekly Closure Day of the Zoo	Monday
	Management Perso	nnel of the zoo
15.	Name with designation of the Officer in- charge	Smt Dawa Sangmu Sherpa, WBFS Dr. Nick Doley
	Name of the Veterinary Officer	Smt Anuradha Rai, WBFS
	Name of the Curator	Smt Namrata Ghosh
	Name of the Biologist	Smt Sangita Basak
	Name of the Education Assistant	Sri Biswajeet Sarkar (Veterinary Assistant)
	Name of the Veterinary Assistant	
	Owner / Operato	or of the Zoo
16.	Name of the Operator	Sri. Saurabh Chaudhuri, IFS
17.	Address of the Operator	West Bengal Zoo Authority Aranya Bhawan 1th Floor Block - LA-10A, Sector
	THE ADA	III Salt Lake City, Kolkata - 700106, West Bengal
18.	Contact details/Phone number of Operator	+91 33 23355010
19.	E-mail address of Operator	mswbza@gmail.com

FISHING CAT The state animal of West Bengal

### **ORGANIZATIONAL CHART**



### **HUMAN RESOURCES**

#### Manpower of the Zoo

SI. No.	Designation	Number of Sanctioned Posts	Existing Staff Strength	Names of the incumbent
1.	Director	1	1	Smt. Dawa Sangmu Sherpa, WBFS
2.	Asst. Director	1	1	Smt. Anuradha Rai, WBFS
3.	Range Officer	1	1	Sri. Deepak Rasaily
4.	Deputy Ranger/ Foresters	2	0	-
5.	Forest Guard	10	0	-
6.	Veterinary Officer	2	1	Dr. Nick Doley
7.	Zoo Biologist	1	1	Smt. Namrata Ghosh
8.	Sub Assistant Engineer (Civi	l) 1	1	Sri. Tuhin Nag Biswas
9.	Zoo Supervisor	1	1	Sri. Prasanta Ghosh
10.	<b>Research Assistant</b>	1	0	-
11.	<b>Education Assistant</b>	1	1	Smt. Sangita Basak
12.	Veterinary Assistant	1	1	Sri. Biswajeet Sarkar
13.	Asst. Zoo Supervisor	2	1	Sri. Binod Rai
14.	Asst. Estate/Security Superv	visor 1	1	Sri. Bir Bahadur Tamang
15.	Accountant	1	1	Smt. Swarnali Dutta Roy
16.	Store-keeper	1	1	Smt. Tripti Sarkar
17.	UDC /OA/TA	1	1	Sri. Pappu Kr. Sah
18.	LDC	1	0	-
19.	Ticket Clerk	1	1	Smt. Manila Thapa
20.	Gate Keeper	1	1	Sri. Mrinal Roy
21.	Zoo Keeper	10	0	-
22.	Mahut	4	0	-
23.	Patawala	4	4	Sri. Satan Narjinary
	No No No			Sri. Parimal Barman
	and a star		a line	Sri. Kamal Roy
	the second secon		- mark	Sri. Jogesh Barman
24.	Cook	1	1	Sri. Unis Saibo
- July	Contract of the second		A 199	

SI. No.	Designation	Number of Sanctioned Posts	Existing Staff Strength	Names of the incumbent
25.	Driver	11	11	Sri. Manik Roy
				Sri. Raju Saibo
				Sri. Kalyan Sharma
				Sri. Parimal Roy
				Sri. Nawraj Dewan
				Sri. Ananta Sarkar
				Sri. Suman Tamang
				Sri. Dinesh Kr. Rai
				Sri. Samaresh Roy
				Sri. Bikash Subba
				Sri. Saklu Uraow
	Support	Staff (On C	ontract)	
26.	a) Security	30	30+12	Sri. Manish Gajmer
				Sri. Ashik Khawas
				Sri. Rajesh Lal Saibo
				Sri. Krishna Thapa
				Sri. Hemant Pradhan
				Sri. Chandra Kr. Chetri
				Sri. Ranjit Saibo
				Sri. Anil Saibo
				Sri. Sudesh Baraik
				Sri. Rakesh Majhi
				Sri. Ajit Kr. Bhujel
				Smt. Jyoti Biswakarma
				Smt. Manu Rai
_				Sri. Ratan Singh Saibo
			and the	Sri. Milan Tamang
and a	Pr - Marine		- 1-	Sri. Manish Lal Saibo
	a second	- mark	at a	Sri. Ajay Rasaily
				Sri. Subhash Chettri
		- Party and	Sector Sector	Smt. Sunam Tamang
a Mar				Sri. Sunil Oraon
				Sri. Samir Rai

Sl. No.	Designation	Number of Sanctioned Posts	Existing Staff Strength	Names of the incumbent
				Md Rahamat Ali
				Sri Uday Chhetri
				Sri. Subhas Sharma Koirala
				Sri. Kajee Thakuri
				Sri. Lok Bahadur Lama
				Sri. Amir Saibo
				Sri. Budha Uraon
				Sri. Satish Rai
				Sri. Dal Bahadur Chhetri
				Sri. Rup Kumar Barman
				Sri. Harka Bahdur Thapa
			]	Sri. Pasang Tamang
				Sri. Parimal Tamang
				Sri. Kalu Rai
				Sri. Manoj Rai
				Sri. Sandhya Rai
				Sri. Barun Debnath
				Sri. Buddha Lepcha
				Sri. Suryaman Rai
				Sri. Sagar Rai
				Sri. Rahin Saibo
			_	
	b) Sanitation Attendant	6	5	Sri. Sanjib Hela
				Sri. Sukul Hela
				Sri. Suraj Paswan
-				Smt. Sunita Paswan
				Sri. Ravi Paswan
	Par 1 Pathon		-	
	c) Garden Attendant	6	5	Sri. Indra Bh. Thapa
		of Colorestern		Sri. Santay Subba
1 ages			-	Sri. Dhanesh Roy
		-		Sri. Bijay Sharma
				Sri. Dibakar Sharma

Busking time...

SI. No.	Designation	Number of Sanctioned Posts	Existing Staff Strength	Names of the incumbent
	d) Attendant	7	6	Sri. Asit Narjinary
				Sri. Jayanta Roy
				Smt. Anjali Chettri
				Sri. Raju Roy
				Sri. Malay Ghosh
				Sri. Shyamal Roy
	e) Animal Attendant	15	15+6	Sri. Subal Pradhan
				Sri. Raj Thapa
				Sri. Ganesh Saibo
				Sri. Dipu Oraw
				Sri. Prasanjit Barman
				Sri. Gopal Biswakarma
				Sri. Rohan Rai
				Sri. Krishna Adhikari
				Sri. Himu Barman
				Sri. Rafikul Islam
				Sri. Karan Marandi
				Sri. Bijay Oraon
				Sri. Bibek Roy
				Sri. Aminur Rahman
				Sri. Bappa Barman
-		_		Sri. Sangam Majhi
		-	Part I	Sri. Bijoy Majhi
-	Pr - Malan	1.00	and an	Sri. Pranab Tamang
				Sri. Barka Majhi
-		and the second		Sri. Biswajit Roy
1				Sri. Birbal Modak
		1000		

### CAPACITY BUILDING OF ZOO PERSONELS

9

SI. 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 Swarnali Dutta Roy, Accountant, NBWAP & Smt Anjali Chhettri, Office Attendant	Workshop on Accounting System & Training by WBZA	07.05.2021 & 08.05.2021	Virtual mode
2.	Smt. Namrata Ghosh, Zoo Biologist, and Shri Jayanta Roy, Office Attendant	CZA ZOO-MIS Training programme. The training module comprised the development of web based zoo management information system (inventory, zoo profile modules, annual reports, and outreach activities)	25.06.2021	Virtual mode through CZA Cisco WebEx application link
3.	Director, Assistant Director, 22 Animal Attendants and other zoo staff	Training & Workshop On Rescue & Handling Of Snakes	24.08.2021	organized by the Bengal Safari in association with SPOAR (Society for Protecting Ophiofauna and Animal Rights) and Sukna Wildlife Squad.
4	Security staff, Animals attendant, Safari bus drivers, Security supervisor, and Assistant zoo supervisor supervisor.	Elephant driving drill	20.09.2021	Organised by North Bengal Wild Animals Park

SI. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
5.	Smt. Anuradha Rai, WBFS, Assistant Director; Smt. Namrata Ghosh, Zoo Biologist; Smt. Sangita Basak, Education Assistant; Shri Biswajeet Sarkar, Veterinary Assistant	CZA ZOO-MIS Training programm by WBZA	10.09.2021	Virtual mode through WBZA Cisco WebEx application link
6.	Security staff, Animals attendant, Safari bus drivers, Security supervisor, and Vehicle supervisor.	Elephant driving drill	20.09.2021	Organised by North Bengal Wild Animals Park
7.	Krishna Adhikari & Bibek Roy, Animal attendant	Regional Zookeeprs Training on Captive Management of Reptiles – Nandankanan Zoological Park –	24.11.2021 to 26.11.2021	Attended virtually
8	Smt Swarnali Dutta Roy, Accountant, NBWAP & Smt Anjali Chhettri, Office Attendant	Training programme on accounting process in Tally and establishment subject Social Forestry Division, Siliguri	January, 2022	Organised by North Bengal Wild Animals Park

SI. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
9.	Sri. Subhash Chettri, Security; Smt. Jyoti Biswakarma, Security; Sri. Ranjit Saibo, Security; Sri. Samir Rai, Security; Sri. Ajit Kr Bhujel, Security; Sri. Ratan Singh Saibo, Security; Smt. Sunam Tamang, Security; Sri. Sunil Oraon, Security.	training program on operation and maintenance of ziplines and Burma bridge, exposure to rock climbing and rappelling, use of various equipment, ropes and knots, and practical training on safety and suitable conduct of adventure activities	21.03.2022 to 27.03.2022	Himalayan Mountaineering Institute (HMI), Darjeeling









### **10 ZOO ADVISORY COMMITTEE**

#### a) Date of Constitution

The Governing Body of the Authority (Govt. Notification No. 10036-for/11M-27/2002, dated 23.12.2009) consist of following members.

#### b) Members The Chief Secretary to the Govt.of West Bengal Chairman Addl. Chief Secretary, Dept.of Forests, Govt.of West Bengal and Vice-Chairman Vice Chairman, WestBengal Zoo Authority Addl.Chief Secretary, Dept of Finance, Govt. of West Bengal and Member Member, WestBengal Zoo Authority Addl. PCCFand Member Secretary, West Bengal ZooAuthority **Member-Secretary** MemberSecretary, Central Zoo Authority, Govt.of India and Member Member, WBZA Principal Chief Conservator of Forests& HOFF, WestBengal Member Principal Chief Conservator of Forests (Wildlife) Member and ChiefWildlife Warden, West Bengal **Director, Animal Husbandry & Vet. Services, W.B** Member Director, Padmaja NaiduHimalayan Zoological Park, Darjeeling Member Director, Zoological Garden, Alipore, Kolkata Member Director, North BengalWild Animals Park, Siliguri **Special Invitee** Member

#### c) Dates on which meeting helds during the year

20th GB Meeting held on 6th August, 2021

### **1 HEALTH ADVISORY COMMITTEE**

#### a) Date of Constitution- 07.03.2018

A Veterinary Expert Team i.e., Health Advisory Committee was reconstituted with the following Officers as per request of the Member Secretary, West Bengal Zoo Authority. A Committee was constituted comprising of the following Officers of the Directorate of AH & VS, West Bengal.

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er
er

c) Date on which meeting was held: 18-08-2021

**BOXER** One of the Common Leopard of Bengal Safari.

## **STATEMENT OF INCOME AND EXPENDITURE OF THE ZOO**

12

SI. No.	Year (2021-22)	Source of fund	Expenditure in Rupees
1.	As grant in aids under Plan	North Bengal Development Department	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		Department of Environment	
		West Bengal Tourism Department	70,79,307.00
		West Bengal Zoo Authority	
2.	As grants Non-plan	West Bengal Zoo Authority	5,18,38,322.62
	Total Expenditure (*Unaudited Figure)		5,89,17,629.62
			Receipt in Rupees
3.	a) Ticket Revenue (including Toy Train, Golf Cart & Vehicle parking)		1,76,75,405.00
	b) Animal Adoption		6,27,100.00
	c) Friends of Zoo		
	d)Miscellaneous		The formation of the
	earnings (Fee from rental store & souvenir shop, electricity, FPC canteen, stalls etc)		4,42,992.00
	Total Revenue (*Unaudited Figure)		1,87,45,497.00

• 2nd May to 14th September, 2021 the North Bengal Wild Animals Park was closed for visitors due to pandemic COVID-19 situation & lockdown as per Govt order vide order letter no: 581-For/FR/O/N/6M-10/2020, Dated- 30.04.2021

• The Park reopened on 15th September ordered by Govt. of W.B. vide order letter no: 1/150462/2021, Dated- 14.09.2021.

### DAILY FEEDING SCHEDULE OF ANIMALS

SI. No.	Animals	No. of Individuals	Items	Quantity (Approx)	Dry WT (Wet Weight)	Time
1.	Sambar Deer	32	Gram, Wheat Bran,	60KG		
2.	Spotted Deer	447	Crushed maize,	42KG 42KG		
3.	Barking Deer	27	Masoor Dal, Mator Dal,	22KG		Early Morning
4.	Swamp Deer	06	Salt,	22KG 1KG	141.10KG	(8:45am-9:30am)
5.	Hog Deer	04	Black salt, Turmeric,	1KG YES		
6.	Wild Boar	10	Green fodder, Cabbage	YES		
0.	Wha boar		Salt lick with	10KG		
			added vitamins, minerals	YES		
7.	Indian Rhino	01	Corn, Green fodder, Carrot	90Pcs 80KG 2KG	172KG	Morning (10am) Evening (4pm)
			Beef with bone	8-10KG		
8.	Bengal Tiger	11	Beef without bone	1KG	64KG	Evening (6pm)
9.	Leopard	06	Beef/Chicken with bone	ЗКG	14KG	Evening (6pm)
10.	Indian Palm Civet	03	Banana Chicken	3Dosen 700G	3Dozen	
11.	Jungle Cat	04	Chicken	2.4KG	4.7KG	Evening (5:30pm)
12.	Fishing Cat	02	Chicken	1KG 1KG	4KG	(5.50pm)
13.	Leopard Cat	01	Fish Chicken	300G	1KG	
14.	Birds &	90	Grams Crushed Maize Masur Dal Wheat	1.5KG 2KG 50G 3KG	26.48KG	Morning (7am-9am) & Afternoon
	Pheasants		Carrot Cabbage	60G 3KG	20.4010	(4pm-5pm)
			Watermelon Chilly	2KG 33G		
			Guava	60G		
			Apple Musambi	65G 64G		
			Onion	39G		
			Groundnut	2.5kG		
			Banana Papaya	3 DOZEN 1.68KG		
: 0			Satu	20G		
			Orange	1		
	<u></u>		Pomegranate			

### **DAILY FEEDING SCHEDULE OF ANIMALS**

SI. No.	Animals	No. of Individuals	ltems	Quantity (Approx)	Dry WT (Wet Weight)	Time
15.	Asiatic Black Bear	4	Atta Rice Grams Egg Milk Sattu Molasses Fruits Vegetables Watermelon Soup Beef W/B Honey Orange Pomegranate	1KG 1KG 8Pcs 2LITRE 600G 1.2KG 1.84KG 3.46KG 4.32KG 4LITRE 4KG As required 2KG 2KG	28.42KG	Morning (7am-9am) Afternoon (4pm-5pm)
16.	Elephant	02	Rice Dal Molasses (Winter) Salt Banana plants Turmeric Powder Green Fodder	8KG 2KG 1KG 100G 10Pcs Small Quantity Sufficient Quantity	11KG+	Morning Afternoon (5pm-6pm) Night (Fodder)
17.	Lesser Adjutant Stork	02	Small Fish	4KG	4KG	Early Morning
18.	Indian Pond Heron	01				(7am- 9.30am)
19.	Gharial	05	Live Fish	10KG	10KG	Early Morning (Thrice a week)
20.	Turtles and Tortoise	54	Fish Chicken Carrot Cabbage	0.5KG 0.5KG 0.25KG 0.20KG	1.45KG	Mid-day (9-10am)
21.	Crocodile	04	Fish Chicken	9KG 2KG	11KG	Early Morning (Thrice a week)



### VACCINATION SCHEDULE OF ANIMALS

SI. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity
1.	Tiger	Calcivirus, Rhinotracheitis, Panleukopenia	Feligen 1ml	Annually
2.	Tiger	Canine Distemper	Merial (CD) 1ml	Annually
3.	Tiger	Rabies	Raksharab 1ml	Annually
4.	Leopard	Calcivirus, Rhinotracheitis, Panleukopenia	Rhinotracheitis, Feligen 1ml	
5.	Leopard	Rabies	Raksharab 1ml	Annually
6.	Asiatic Elephant	FMD, Haemorrhagic Septicaemia, Black quarter	Triovac 3ml	Annually
7.	Asiatic Elephant	Rabies	Raksharab 1dose	Annually
8.	Asiatic Elephant	Tetanus	Tetanus toxoid 1dose	Annually
9.	Asiatic Elephant	Anthrax	Anthrax spore vaccine 1dose	Annually
10.	Leopard Cat	Calcivirus, Rhinotracheitis, Feligen 1dose Panleukopenia		Annually
11.	Jungle Cat	Rabies	Raksharab 1dose	Annually
12.	Fishing Cat	Calcivirus, Rhinotracheitis, Panleukopenia	Feligen 1dose	Annually
13.	Fishing Cat	Rabies	Raksharab 1dose	Annually
14.	Asiatic Black Bear	Rabies	Rabigen 1dose	Annually

### DEWORMING SCHEDULE OF ANIMALS

SI. No.	Species	Drug used	Month
1.	Tiger	Fenbendazole, Oxfendazole, Ivermectin, Pyrental, Praziquantel, Febantel	6 months interval
2.	Asiatic Black Bear	Fenbendazole, Albendazole, Oxfendazole	6 months interval
3.	Barking Deer	Fenbendazole, Albendazole, Oxfendazole	6 months interval
4.	Spotted Deer	Fenbendazole, Albendazole, Oxfendazole	6 months interval
5.	Sambar	Fenbendazole, Albendazole, Oxfendazole	6 months interval
6.	Hog Deer	Fenbendazole, Albendazole, Oxfendazole	6 months interval
7.	Swamp Deer	Fenbendaz <mark>ol</mark> e, Albendazole, Oxfen <mark>da</mark> zole	6 months interval
8.	Indian One Horned Rhinoceros	Fenbendazole, Albendazole	6 months interval
9.	Exotic Birds	Fenbendazole, Albendazole, Oxfendazole, Piperazine, Pyrentalembonate, Febantel	6 months interval
10.	Palm Civet	Fenbendazole, Albendazole, Oxfendazole, Pyrentalembonate, Febantel	6 months interval
11.	Asiatic Elephant	Fenbendazole, Albendazole, Oxf <mark>end</mark> azole	6 months interval
12.	Peafowl	Fenbendazole, Albendazole, Oxfendazole, Piperazine, Pyrentalembonate, Febantel	6 months interval
13.	Indigenous Birdsr	Fenbendazole, Albendazole, Oxfendazole, Piperazine, Pyrentalembonate, Febantel	6 months interval
14.	Jungle Cat	Fenbendazole, Oxfendazole, Ivermectin, Pyrental, Praziquantel, Febantel	6 months interval
15.	Fishing Cat	Fenbendazole, Oxfendazole, Ivermectin, Pyrental, Praziquantel, Febantel	6 months interval
16.	Leopard Cat	Fenbendazole, Oxfendazole, Ivermectin, Pyrental, Praziquantel, Febantel	6 months interval

### **DISINFECTION SCHEDULE**

SI. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Tiger	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
2.	Leopard	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
3.	Asiatic Black Bear	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
4.	Barking Deer	Safari area	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
5.	Spotted Deer	Safari area	Kohrsolin/Vircon, Potassium permanganate,	Four times a month
6.	Sambar	Safari area	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
7.	Hog Deer	Safari area	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
8.	Indian One Horned Rhino	Safari area	Kohrsolin/Vircon, Potassium permanganate	Four times a month
9.	Exotic Birds	Aviary	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Four times a month
10.	Plam Civet	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, spraying, fumigation,	Four times a month

### **DISINFECTION SCHEDULE**

SI. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
11.	Asiatic Elephant	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Twice a month
12.	Peafowl	Aviary	Kohrsolin/Vircon, Potassium permanganate, spraying, fumigation,	Twice a month
13.	Indigenous Bird	Aviary	Kohrsolin/Vircon, Potassium permanganate, spraying, fumigation,	Twice a month
14.	Jungle Cat	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Twice a month
15.	Fishing Cat & Leopard cat	Night Shelter	Kohrsolin/Vircon, Potassium permanganate, burning, spraying, fumigation,	Twice a month
16.	Miscellaneous	Zoo Pathways, Entry gate foot dips, Goods carriage vehicle, Buildings etc.	Kohrsolin/Vircon, Potassium permanganate	Daily





Fig: Disinfection, fumigation, sanitization works carried out by staffs of Bengal Safari

# 17HEALTH CHECK-UP OF<br/>EMPLOYEES FOR ZOONOTIC<br/>DISEASES

SI. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Dr Nick Doley	Veterinary Officer	21.03.2022	Nil for Zoonotic diseases
2.	Shri Biswajeet Sarkar	Veterinary Assistant	21.03.2022	Nil for Zoonotic diseases
3.	Shri Prasanta Ghosh	Zoo Supervisor	21.03.2022	Nil for Zoonotic diseases
4.	Shri Subal Pradhan	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
5.	Shri Raj Thapa	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
6.	Shri Dipu Oraw	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
7.	Shri San <mark>gam Majh</mark> i	Animal Attendant	21.03.2022	Nil for <mark>Zoonotic</mark> diseases
8.	Shri Bibek Roy	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
9.	Shri Rohan Rai	Animal Attendant	21.03.2022	Nil f <mark>or Zoonotic dise</mark> ases

SI. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
10.	Shri Pranab Tamang	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
11.	Shri Bijay Majhi	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
12.	Shri Krishna Adhikari	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
13.	Shri Himu Barman	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
14.	Shri Rafiqul Islam	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
15.	Shri Karan Marandi	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
16.	Shri Aminur Rahman	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
17.	Shri Prasenjit Barman	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
18.	Shri Bijay Uraon	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
19.	Shri Rakesh Tamang	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
20.	Shri Shubham Sharma	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
21.	Shri Ramesh Mardi	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
22.	Shri Unish Saibo	Cook	21.03.2022	Nil for Zoonotic diseases
23.	Shri Parimal Barman	Patawala	21.03.2022	Nil for Zoonotic diseases
24.	Shri Kamal Roy	Patawala	21.03.2022	Nil for Zoonotic diseases
25.	Shri Jogesh Barman	Patawala	21.03.2022	Nil for Zoonotic diseases
26.	Shri Satan Narjinary	Patawala	21.03.2022	Nil for Zoonotic diseases
27.	Shri Rajen Oraon	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
28.	Shri Bappa Barman	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
29.	Shri Parimal Tamang	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
30.	Shri Suryaman Rai	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
31.	Shri Ganesh Saibo	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
32.	Shri Biswajit Roy	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
33.	Shri Barka Majhi	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
34.	Shri Gopal Biswakarma	Animal Attendant	21.03.2022	Nil for Zoonotic diseases
35.	Shri Rakesh Majhi	Animal Attendant	21.03.2022	Nil for Zoonotic diseases

### ANNUAL HEALTH CHECKUP CAMP AT NBWAP





#### **COVID-19 VACCINATION CAMP:**

North Bengal Wild Animals Park organized a COVID-19 vaccination camp for the animal attendants, zoo staffs and villagers to ensure the human and animal safety. Since the animal attendants are in direct contact with the zoo animals, Bengal Safari thus organized COVID-19 vaccination camp for bio security purpose. The entire campaign was conducted into two batches. The first camp was held on 6th April 2021 at Park premises in association with Bikash Nagar Health Centre, Dabgram I, under Mogradangi Hospital of Raiganj Block. The second camp was held on 25-26th May 2021 at Teesta Udyan Jalpaiguri in association with Rajganj RH. All the staffs were successfully vaccinated with the first dose of Covishield.



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### 18 DEVELOPMENTAL WORKS CARRIED OUT IN THE ZOO DURING THE YEAR

Following developmental works were carried out during the year:







### DEVELOPMENTAL WORKS CARRIED OUT IN THE ZOO DURING THE YEAR

Following developmental works were carried out during the year:







Fig: Construction of Security room at animal encloser & Twin quarter for Mahut and Patawala at Pilkhana.







Fig: Construction of Security room at animal encloser & Twin quarter for Mahut and Patawala at Pilkhana.



#### Fig: Collage of Miscellaneous repair & Maintenance works



 Remodeling of Safari bus; 2. Cleaning of Reptile pond; 3. Repainting of Administrative building, Kitchen, veterinary hospital etc. 4. Seasonal plantation at Butterfly garden. 5. Regular cleaning of ponds at herbivore area. 6.Restoration of water fountain at Tiger Safari area. 7. Repairing of Herbivore area wall; 8. Repairing of safari sliding gate.

### 19 Bengal Safari EDUCATIONAL AND AWARENESS ACTIVITIES DURING THIS YEAR



### WORLD VETERINARY DAY, 2021 :

On the occasion of World Veterinary Day, Bengal Safari organized a free animal health check up and free Antirabies vaccination camp on 28th April 2021 along with distribution of medicines for domestic and stray animals. The camp was conducted by the Veterinary Officer and team of NBWAP. The venue of the camp was Toribari Community Hall near Bengal Safari. Around 100 nos. of domestic and stray animals were vaccinated with anti rabies vaccine in and around the area of Toribari, Salugara.



#### INTERNATIONAL DAY FOR BIODIVERSITY, 2021:

The United Nations has proclaimed May 22 as the International Day for Biological Diversity to promote awareness of biodiversity issues. On this occasion, Bengal Safari organized an online "Bengal Safari Biodiversity Quiz". A documentary on "Free living biodiversity of Bengal Safari" was also released on the social media platforms. Many participants took part in the online quiz with great enthusiasm.





#### WORLD ENVIRONMENT DAY,2021:

On the occasion of World Environment Day, North Bengal Wild Animals Park organized online as well as offline events on "Ecological Restoration Drive" for the visitors and the zoo staff. The of Safari staff Bengal celebrated the day by planting tree saplings on the zoo premises, making and hanging bird feeders, use of solar energy and e-vehicle, and saving water and electricity to go green.



The online ecological restoration drive was organized through the digital platform i.e. Facebook and Instagram pages of Bengal Safari. The online program received a great response from the participants; many photos and short videos of their Ecological Restoration work were shared throughout the week (1st to 5th June). NBWAP conveys regards to every online participant for actively participating in the event.

#### ZOO MIS TRAINING PROGRAMME:



A virtual training program **ZOO-MIS** was on organized by Central Zoo Authority (CZA) from 23rd to 25th June 2021. The training module comprised the development of web based zoo management information system (inventory, profile **zoo** modules, annual reports, and outreach activities). Two nominated persons viz. Miss. Namrata Ghosh, Zoo Biologist, and Shri Jayanta Roy, Office Attendant along with the and Assistant Director Director participated in the training program. During this training program, the zoo personnel was trained on e-zoo based modules.



#### WORLD ZOONOSES DAY,2021:

On July 6, 2021, Bengal Safari organized a seminar on World Zoonoses Day at the seminar hall which was attended by all the zoo staffs and animal attendants of the Park. The seminar started with the welcome speech by the Education Assistant, who also gave a brief introduction on World Zoonoses Day. In his address. Sri Badal Debnath, WBFS, Director, highlighted NBWAP the importance of observing the World Zoonoses Day. In his keynote address, Dr. Nick Doley, Veterinary Officer, NBWAP explained through power point presentation about the different types of zoonotic diseases, its symptoms and transmission from animal to human and and vice versa its management. Miss Namrata Ghosh, Zoo **Biologist** delivered lecture а on "Prevention. Control and of Eradication Zoonotic diseases". The seminar was then concluded with the vote of thanks by Smt. Anuradha WBFS. Rai. Assistant Director, NBWAP.



#### BANMAHOTSAV WEEK CELEBRATION, 14TH TO 20TH JULY, 2021:

Ban Mahotsav is celebrated from 14th to 20th July every year. Various programs and events were organized by North Bengal Wild Animals Park during the Banmahotsav week.

#### 1st Day of Banmahotsav

On July 14, 2021, a Ceremonial Plantation Programme was conducted at the Bengal Safari park premises in the presence of all zoo staffs of the park. The event was initiated with a welcome speech by the Zoo Biologist, Miss Namrata Ghosh. The Director, Sri. **Badal** Debnath (WBFS) delivered the inaugural speech on BanMahotsav. Smt Anuradha Rai. Assistant Director in her address highlighted on the significance of BanMahotsav and the importance of trees and wildlife and its conservation.

online Slogan writing An contest was also organized by Bengal Safari. The ten best slogans were selected and published in the Banabandhu Zoo Newsletter and the participants were awarded with e-certificate.

#### 2nd Day of Banmahotsav

On July 15, 2021, a creative writing competition for the staff of NBWAP was organized based on the theme "Prakritik Biporjoye Prokriti-e Rkhshak". All the staff enthusiastically participated in the competition. The prizes and certificates of



### "Prakritik Biporjoye Prokriki-e Rkhshak"

the competition will be distributed during the Foundation Day of the park.



On July 16, 2021, a Green Rally was organized by the park to spread awareness about the the forest significance of ecosystem and its role in protecting the earth and its people. The Director, other officials, and staff of the park joined the rally enthusiastically. Miss Sangita Basak, Education Assistant addressed the Green Rally Spread Awareness speech, then the Rally started from the entry gate of Bengal Safari and took a round in the nearby village area by displaying the and flex placards holding slogans, and awareness messages. At the end of the Rally, refreshment was provided to all the participants.

be 4th Day of Banmahotsav On July 19, 2021, Bengal Safari organized a mobile tableau for conservation awareness and plant sapling distribution to the local people. Mobile Tableau was flagged off bv the Director of NBWAP, other officials, and the staff of the park from the park premises. A total of 300 no. of and saplings Banmahotsav pamphlets were distributed to the village community.

> 5th Day of Banmahotsav On July 20, 2021, evaluations of the competitions were done and the best 10 slogans were selected. The Banmahotsav program was concluded with the vote of thanks.





#### International Tiger Day.2021

On July 6, 2021, Bengal Safari celebrated the International Tiger Day through an online TIGER DAY QUIZ 2021. Around 260 participants took part in the quiz and the participants who scored above 60 percentage were awarded with e-certificate.

#### World Elephant Day,2021

On August 12, 2021, the North Bengal Wild Animals Park celebrated World Elephant Day 2021 with great pomp and joy. The two Asiatic Elephants of Bengal Safari, Laxmi and Urmila were beautifully decorated and offered a variety of fruits. They enjoyed and ate all their favorite fruits meal.



#### Birth day celebration of Tiger cubs

Tiger cubs turn 1 year old On August 12, 2021, the three Bengal tiger cubs of Tigress Sheela turned one year old. The first birthday of the cubs was celebrated at the tiger shelter in presence of the Director and all the staff. The shelter gate was decorated with flower garland, Birthday wish flex and meat cakes were prepared for the cubs. A documentary video on 'Growing up of Tiger cubs' was also released in the digital platform on that day.









#### Independence Day,2021

On August 2021, 15, Independence Day was celebrated at Bengal Safari with huge pomp and joy. The Director, Sri Badal Debnath, WBFS, hoisted the tricolor flag at the flag post of Bengal Safari. Patriotic songs were recited by staffs of Bengal Safari. The director delivered a speech on significant role of the freedom fighters and the role & responsibility as an Indian to the staff of NBWAP. The event concluded with distribution of sweets amongst the staff of Bengal Safari.

#### World Rhino Day,2021

On September 22, 2021, The North Bengal Wild Animals Park conducted an online Rhino Design Making competition titled 'Save The Rhino' on the occasion of World Rhino Day.
# CZA ZOO MIS training programme by WBZA:

On September 10, 2021, a virtual training program on ZOO-MIS (Zoo Management Information System) was conducted by West Bengal Zoo Authority for all the zoos of West Bengal. The nominated persons viz. Assistant Director, Biologist, Education Zoo Assistant and Veterinary Assistant participated in the training program.



#### ELEPHANT DRIVING DRILL

A mock drill on driving wild elephants entering the park was conducted on 20.9.2021 at 6.30 am at the Park with the security staff, animal attendant, safari bus driver including the security supervisor, and vehicle supervisor.

After the drill, the Director/NBWAP briefed all the participating personnel about the shortcoming in the drill and also about the improvement needed in the elephant driving operation to make such an operation more effective and efficient.

#### Training & Workshop On Rescue & Handling Of Snakes:



On August 24, 2021, a training program & workshop on rescue and handling of snakes was organized by the Bengal Safari in association with SPOAR (Society for Protecting **Ophiofauna and Animal Rights**) and Sukna Wildlife Squad. The Director, other officials, 22 Animal Attendants and other zoo staff of the park attended the programme. The training and workshop included theory sessions by Sri S.P. Pandey and Sri. Projyol Roy with the help of powerpoint presentation on local snakes and briefed about them and practical sessions emphasizing rescuing on techniques with proper equipments on live specimens.







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# **IMPORTANT EVENTS**

### Welcoming of new Director of NBWAP

Smt Dawa Sangmu Sherpa, WBFS took over the charge of Director of North Bengal Wild Animals Park, Siliguri from Shri. Badal Debnath, WBFS on 12th January 2022.



## Welcoming of new Zoo Supervisor

Bengal Safari welcomed Sri Prashanta Kr. Ghosh, Retired Forest Range Officer who joined as Zoo Supervisor from 1st February, 2022.

## Farewell of former Director, NBWAP



On 12th January, 2022 the Park administration had organised a farewell program for the former Director of the Park, Shri Badal Debnath, WBFS. The program was attended by all the officials and the staffs of the park and ceremony was held at the seminar hall of Bengal Safari. All the Bengal Safari Staff congratulated and wished him good health and a prosperous future ahead.



# Bengal Safari EDUCATIONAL ACTIVITIES 67th Wildlife Week







#### **On-foot quiz** 02.10.2021

On the first day of wildlife Bengal week, Safari organized an on-foot quiz for the zoo visitors. A series of questions related to the housed animals of Bengal Safari and wildlife of North Bengal region were asked to the visitors by Sangita Basak, Education Assistant, NBWAP. The visitors enthusiastically participated in the on-foot zoo quiz programme and the winners were awarded with a participation certificate.



# "Sanrakshan Ka Sankalp - Ek Jan Bhagidaari"

Wildlife Week is annually celebrated all over the country from 2nd to 8th October with the aim to protect and preserve the flora and fauna. This year Bengal Safari celebrated the 67th Wildlife Week under the theme "Sanrakshan Ka Sankalp- Ek Jan Bhagidaari" (a conservation collective). During this week, Bengal Safari conducted several awareness-building activities on different levels to make people more aware about wildlife and to understand the importance of wildlife conservation. These conservation awareness activities have also been in sync with the ongoing Azadi Ka Amrit Mahotsav campaign titled 'Conservation to coexistence: The people connect'.

#### Online wildlife quiz 04.10.2021

On the third day of wildlife week, an online wildlife quiz was organized in which more than hundred participants registered for the competition. Participants scoring 60% and above were awarded with ecertificates.

#### World animal day 04.10.2021

An animated video on the World Animal Day was also screened in online platform to raise awareness about the importance of nature and protection of wildlife and endangered species of our planet.



#### Dustbin painting competition 05.10.2021

On the forth day of wildlife week, Bengal Safari organized "Dustbin Painting" competition for the art students belonging to the age group of 13 to 20 years. The theme for the competition was "Endangered Wildlife". The winners of the competition were awarded prizes. At the end of the event a Safari ride was conducted for the participants. Sit & draw and essay writing competition 06.10.2021

On the fifth day of wildlife week, a "Sit and Draw" competition was conducted for the children of nearby villages of the age group 6 to 12 years. The theme of the competition was "Tree Plantation". An essay writing competition was also organized for students above 18 years. The theme of the essay competition was "The role of the public in protecting the environment". The winners of the competition were awarded with certificates and prizes.

#### Wildlife awareness drama <sup>08.10.2021</sup>

On the last day of wildlife week, a short drama titled "Pratigya" was performed by the staffs of the North Bengal Wild Animals Park. It was performed to raise awareness about the wildlife conservation. The performers were Manik Ray, Parimal Roy, Samaresh Roy, Tripti Sarkar, Jyoti Biswakarma and the narration of the play was done by Sangita Basak.



## **Celebration of Children's Day**

#### Online art competition 05.11.2021 to 13.11.2021

Children's Day is celebrated as a tribute to our first Prime Minister Pandit Jawaharlal Nehru. To mark the day, an online art competition and fun filled activities were organized for the children. The day commemorated with immense joy, enthusiasm and magnificence.

Bengal Safari organized an



online art competition for children of age below 14 years. The theme for the competition was "Happiness". The winners of the competition were felicitated and awarded with prizes on the occasion of the Park's Foundation Day. All the online participants were also awarded with e-certificates.

1st Prize- Nabajit Pandit, Siliguri boy's school; 2nd Prize- Galib Shahriyar, Bagdogra; 3rd Prize- Ayush Roy, Bagdogra



#### Fun activities on children's day 14.11.2021

Bengal Safari on the occasion of Children's Day organized an event filled with fun, games, prizes, races and entertainment for the children visiting the Park. Various fun filled activities such as 'Tail the Donkey', 'Flip the Bottle', 'Ball in the Bucket', 'Bottle Bowling' and 'Tyre Obstacles' were arranged at the children play area and fantastic prizes were also rewarded to the winners.











#### Celebration of Christmas day 25.12.2021

On 25th December 2021, Bengal Safari celebrated Christmas Day at its premises. The park wore a festive look with bells, balloons, streamers and a beautiful Christmas tree baubles. decked in The delightful celebration included distribution of chocolates and Santa cap to all the children by the zoo staff dressed as Santa Claus.





## New year celebration

The Park welcomed the new Year with great enthusiasm and joy. A leopard , Jacky was kept in display at the lesser cat section for the visitors on that day. The visitors were thrilled by the sight of the leopard and enjoyed a lot. It was a great start to the new year.



#### 6th Foundation day of NBWAP 21.01.2022

Bengal Safari celebrated its 6th Foundation Day on 21st January inside the park. An was organised event to commemorate the day. Shri Ujjal Ghosh, IFS, Addl. PCCF, North Bengal graced the occasion as the Chief Guest. Smt D.S Sherpa, WBFS, Director, NBWAP delivered the welcome address and Sri R. IFS, WL(N) CCF Jakher, delivered the keynote address. Finally, the vote of thanks was delivered by Smt A. Rai, WBFS, Assistant Director, NBWAP. The celebration was attended by many other dignitaries, senior forest officers of the State and staffs of NBWAP. Many cultural programs made

#### Republic day celebration 26.01.2022

The 73rd Republic Day was with pride celebrated and reverence at North Bengal Wild Animals Park. The ceremony began with the unfurling of the tricolour flag by the Director, NBWAP followed by the National Anthem and magnificent March Past was showcased by the The Director in her staffs. address emphasized on the sense of patriotism and belongingness towards the nation. Many recreational activities were organized for the staff. The function ended with the distribution of sweets to all the staffs.







the celebration traditional. Animal adoption program was also carried out and many zoo animals were adopted by eminent personalities of the region.

## World wildlife day celebration

#### 03.03.2022

World Wildlife Day is celebrated each year on 3rd March to celebrate the varied forms of flora and fauna and to raise awareness of its benefit that their conservation provides to mankind. To commemorate the day, North Bengal Wild Animals Park organized a seminar on the theme "Recovering key species for ecosystem restoration". The Assistant Director, NBWAP in her welcome address explained the importance and significance of the day. Sri Biplab Ray, **Environmentalist & Ornithologist** Sri Avijan Saha, Conservationist photographer and Miss Shresthya Talukder, Snake rescuer were the resource

#### International women's day celebration 08.03.2022

8th March is celebrated as the International Women's Day all over the world. Bengal Safari organized а program to celebrate women's achievements and to raise awareness about women's equality. All the female staffs of the park attended the program and everyone shared their struggle and success story. The inspiring speech of the Director, NBWAP boosted and motivated all the women staffs. The program ended on a sweet note and all the female staffs were with chocolate presented hampers as a token of love and respect.



young people are future leaders and decision makers, it is important for them to be engaged and empowered to act at both local and global levels to protect wildlife and to contribute positive changes in

persons for the seminar. As the wildlife conservation. Students from Siliquri College, NSS, UNIT-Il attended the seminar. It was a very interactive, motivating and interesting seminar for the students. After the seminar a safari ride was conducted for the students.

## **Educational tour** of DAV School, Siliguri

#### 19.03.2022

An educational tour to Bengal Safari was organized for the students of DAV School, Siliguri on 19th February to promote awareness and to expose the children to the world of amazing animals and birds. A total 80 nos. of students along with 8 teachers attended the tour. **NBWAP** organized small а interactive session with the students at the auditorium of NIC Building, a presentation on wildlife conservation & animal adoption was presented by the



Assistant Director and Education Assistant of NBWAP. After the session, the students took a nature walk and safari ride under the supervision of Education Assistant. The tour was an enriching and learning experience for the students.

## Training of staffs on the operation of Zipline and Burma bridge adventure activities

17.03.2022 to 28.03.2022



Adventure activities are being set up on the premises of Bengal Safari.

On 17th March, Bengal Safari in association with Himalayan Mountaineering Institute (HMI), Darjeeling conducted a hands-on demonstration on the operation of Zipline and Burma bridge adventure activities. An expert team from HMI explained the basic uses and functioning of various equipment used in smooth functioning of Zipline





and Burma bridge, safety gear protocols, rules to handling riders to the selected staffs of the park.

On 21st March, 8 staffs of NBWAP were sent to HMI, Darjeeling to undergo a 7 days training program on operation and maintenance of ziplines and Burma bridge, exposure to rock climbing and rappelling, use of various equipment, ropes and knots, and practical training on safety and suitable conduct of adventure activities. The staffs successfully completed the 7 days training programme.



## VISIT OF DIGNITARIES DURING THE YEAR

## VISIT OF PCCF & HOFF, FOREST DEPARTMENT:



On 3rd April 2021, Shri Ravi Kant Sinha, PCCF & HOFF, Forest Department, Govt. of West Bengal along with other forest officials visited the park. During their visit, they took a round within the safari area as well as the animal night shelters in presence of the Director, NBWAP. He appreciated and encouraged the management for their efforts in ex-situ conservation and also expressed his good thoughts for the park.

## VISIT OF SECRETARY, KOLKATA:

# MEMBER WBZA,

From 9th to 11th April 2021, Shri Saurabh Chaudhuri, IFS Member Secretary, West Bengal Zoo Authority, Govt. of West Bengal visited the park. During his visit, he explained the different zoo security protocols to be followed during alarming situations for zoo animals, zoo staff, and visitors. He also provided different valuable suggestions related to animal welfare, tourist amenities, informative signage, and different steps to be taken for visitors satisfaction.

## VISIT OF MEMBER SECRETARY, CZA, DELHI :

Dr. S.P. Yadav, IFS, Member Secretary, Central Zoo Authority, Govt. of India along with Sri Saurabh Chaudhuri, IFS, Member Secretary, West Bengal Zoo Authority, Govt. of West Bengal, and other officials visited the park in mid-afternoon on 11th April 2021. He visited all four Safaris (Bengal Tiger, Common Leopard, Asiatic Black Bear, and Mix Herbivore) and the zoo area and gave his valuable suggestions. He also heard about our proposed future plans for the Park and provided valuable input and assured speedy approvals from Central Zoo Authority. He also shared his first-time visit impression of Bengal Safari and commented-'Bengal Safari is incredible. Captive animals in sylvan surroundings look amazing. This park has great potential to become a world class facility. Keep it up.'



### Visit of Hon'ble Minister of State, Department of Forests, Govt. of West Bengal to Bengal Safari



Visit of Hon'ble Minister of State, Department of Forests, Govt. of West Bengal to Bengal Safari : On August 6, 2021, Smt. Birbaha Hansda, Hon'ble Minister of State, Department of Forests, Govt. of West Bengal has visited the park in the late morning. The Director of NBWAP greeted her with a Bouquet and khada. She took all the four safari tours- Herbivore Safari, Bear Safari, Leopard Safari, and Tiger Safari. She also captured some moments of the safari in her camera. She also took a round around the zoo area with the Director and other forest officials of the park. She was then felicitated with the Bengal Safari Souvenir as a token of honor. She expressed her good thoughts and wished a great future for this park.

Bengal Safari VISITORS CORNER



## Visit from various educational institutions

Date	Institution Name	No of Students	No of Teachers	Total
19.11.2021	Flame of Hope, Matigara	32	9	41
19.02.2022	DAV School, Siliguri	80	5	85
23.03.2022	Orchid Montessori House, Jalpai More, Siliguri	100	15	115
25.03.2022	Hebron School, New Rangia, Shivmandir	104	9	113
26.03.2022	Hebron School, New Rangia, Shivmandir	126	9	135
14.04.2022	Sai Grace Academy, Samsing Tea Garden	14	8	22



## Visit of the dignitaries



**On 16.10.2021**, Sri Jyotipriya Mallick, Hon'ble Minister In Charge, Department of Forest and Department of Non-Conventional and Renewable Energy Sources, Govt. of West Bengal visited Bengal Safari.



**On 18.10.2021**, Sri S.S Dey, IFS, APCCF & CCF, PMC, West Bengal visited the park.



**On 27.03.2022**, Sri Sanjay Kumar Shukla, IFS, Member Secretary of Central Zoo Authority, Government of India visited North Bengal Wild Animals Park.

## Visitors data base

MONTHS	OCTOBER,	NOVEMBER,	DECEMBER,	JANUARY,	FEBRUARY,	MARCH,
	2021	2021	2021	2022	2022	2022
FOOT FALL	18,104	18,427	29,111	9,526	12,727	21,019

# SEASONAL SPECIAL ARRANGEMENTS FOR UPKEEP OF ANIMALS

Following miscellaneous enrichment's in the form of structural, behavioral, and feeding enrichment's were incorporated, constructed, and/or installed in shelters/safari to encourage the captive animals to explore and interact with their surroundings thereby minimizing stereotypical behavior-

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• Frozen fruit disc and ice bars were provided to the Asiatic Black Bears along with automated showers as a part of the summer enrichment program. Resting platforms, wooden ball, and honey sucker wooden stand was also provided to the them to encourage play behavior.

E Ice bars and automated shower facility was also incorporated in the leopard and tiger shelters, along with wooden walk ways, platforms and tree trunks. Scratching pole was also installed in their enclosure.

• An artificial waterfall was constructed for the tigers to cope up with the summer tide.

Live-fish was provided to the leopards and lesser cats as a part of their feed enrichment.
In the Aviary section, birds were provided with frozen fruit treats, hanging-corn feed, perching sites, earthen troughs for water besides shelter and dust puddles .

• Thatched wooden shade, water troughs, grass patches, corn plantation, and wooden toys were provided to the Red Kangaroos.

• For lesser cats, hollow tree trunk logs as hiding enrichment, live fish enrichment's, and plantation of ornamental plants inside kraals was done.

• Hanging tyres were provided in tiger, leopard, and bear safari. The same was also installed in herbivore safari for free-living monkeys.

• For herbivores, seasonal fruits and plantation of fruiting plants and fodder within the herbivore enclosure, salt licks, thatch shades at the feeding platforms to prevent feed scattering, and spoilage during rainy and windy days was done.



# RESEARCH WORKS AND INTERNSHIPS CARRIED OUT DURING THE YEAR 2021-22

#### **INTERNSHIPS**

1) Two months Internship on Veterinary Upkeep & Management of Zoo Inmate animals was done by Mr Nabarka Chanda, a B.VSc student of Veterinary Institute, Maharashtra under the supervision of Dr Nick Doley, Veterinary Officer, NBWAP.

2) 10 days Internship on Captive breeding & Management of Felines in Zoo of West Bengal was done by Miss Arpita Majumdar, an EVS post graduating student of Calcutta University under the supervision of Dr Nick Doley, Veterinary Officer, NBWAP and Miss Namrata Ghosh, Zoobiologist, NBWAP.

3) Two months internship course on Study on dynamics of the ethological behavior of the Fishing Cats in Captivity at NBWAP was done by Mr Subhroneel Moitra, a B.Sc graduate student of Christ University, Bangalore under the supervision of Miss Namrata Ghosh, Zoobiologist & Dr Nick Doley, Veterinary Officer, NBWAP.

# 23

# **CONSERVATION BREEDING PROGRAMME OF THE ZOO**

The Park is not involved in any Conservation breeding programmes yet but breeding has occurred in tiger, herbivores as well as pheasants.

# 24

# ANIMAL ACQUISITION / TRANSFER / EXCHANGE DURING THE YEAR

#### Acquisition

S.No	Name of Species	No of Individual & sex	Acquired from & date
1	Hill Myna	0:0:12	Burdwan Division 12.07.2021
2	Common Leopard	1:0:0	Sukna Squad, Darjeeling Wildlife Division 16.05.2021
3	Common Leopard	1:0:0	Bagdogra Forest Range, Kurseong Wildlife Division 25.05,2021
4	Leopard Cat	0:1:0	Gorumara Wildlife Division 22.07.2021
5	Golden Pheasant	2:2:0	PNHZP, Darjeeling
6	Silver Pheasant	2:2:0	20.01.2022
7	Lady Amherst Pheasant	2:1:0	
8	Temminck's Tragopan	1:2:0	
9	Red Jungle Fowl	2:2:0	
10	Fishing Cat	1:0:0	Garchumuk Mini Zoo, Howrah 10.11.2021
11	Small Indian Civet	1:0:0	Garchumuk Mini Zoo, Howrah 10.11.2021
12	Common Palm Civet	1:1:0	Garchumuk Mini Zoo, Howrah 10.11.2021
13	Gangetic Soft Shelled Turtle	0:2:0	Garchumuk Mini Zoo, Howrah 10.11.2021

Disposal

S.No	Name of Species	No of individual & sex	Disposal to & date
1	Blue & Yellow Macaw	2:0:0	Garchumuk Mini
2	Sulphur Crested Cockatoo	0:0:2	Zoo Howrah
3	Moluccan Cockatoo	0:0:1	10.11.2021
4	Grey Parrot	0:0:2	
5	Indian Peafowl	0:2:0	
6	Jungle Cat	1:0:0	
6 7	Spotted Deer	20:10	Buxa Tiger Reserve 19.02.2022

## Rescue and Rehabilitation of wild animals carried out by the ZOO

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Bengal Safari, besides being a caretaker of its present stock of captive animals, is successfully fulfilling its objective of establishing wildlife conservation through successful treatment, rearing and management of wild animals and later, when the animal is at good health handing over to the forest department authorities and other zoos.

The following rescued animals and birds were brought at the park veterinary hospital for treatment as well as care during the month July to September 2021.

Date	Species	No. of Animals Acquired	No. of Animals Disposed	Acquired from	Disposed to
01.07.2021	Barking Deer	1	1	Salugara Range	Released in the Herbivore area, NBWAP
07.07.2021	Barn Owl	1	1	Pradhan nagar Siliguri	Released in the wild , NBWAP
21.08.2021	Gangetic Soft- shelled turtle	15	15	Rescue (Salugara range) court order	Released in the Reptile pond, NBWAP
29.07.2021	Parakeets	34	34	Burdwan Division	Released in the wild , NBWAP
02.08.2021	Night heron	1	1	Burdwan Division	Released in the wild , NBWAP
04.08.2021	Parakeets	1	1	Matigara Jishu Ashram	Released in the wild , NBWAP
05.08.2021	Hornbill	1	1	Bagdogra range	Released in Aviary-5 , NBWAP
07.08.2021	Parakeet	2	2	Bagdogra range	Released in the wild , NBWAP
14.08.2021	Parakeet	3	3	Bagdogra range	Released in the wild , NBWAP



The following rescued animals and birds were brought at the park veterinary hospital for treatment as well as care during the month April to June 2021.

	· · · · · · · · · · · · · · · · · · ·	5	1 5		
Sl.No.	Species	No. of Animals Acquired	No. of Animals Disposed	Acquired from & Date	Disposed to
1	Indian Peacock	2	2	Bagdogra Range, Kurseong Division 13.04.2021	Released in NBWAP
2	Black Kite	1	1	Bagdogra Range, Kurseong Division 16.04.2021	Released in NBWAP
3	Common Leopard	1	1	Bagdogra Range, Kurseong Division 17.04.2021	Released in NBWAP
4	Asian Griffon Vulture	1	1	Baikunthapur Division 10.05.2021	Released in NBWAP
5	Barking Deer	1	1	Bagdogra Range, Kurseong Division 12.05.2021	Released in NBWAP
6	Common Leopard	1	1	Kurseong Division 16.05.2021	Released in NBWAP
7	Leopard Cub	1	1	Bagdogra Range, Kurseong Division 26.05.2021	Released in NBWAP
8	Jungle Cat	1	1	Dabgram Range, Baikunthapur Division 13.06.2021	Released in NBWAP
9	Leopard Cat	1	1	Sonada Beat, Senchal Range, Darjeeling Wildlife Division 24.06.2021	Released in NBWAP







Date	Species	No of Animals received	No of Animals disposed	Received from	Disposal
06.10.2021	Turtle	1	1	Siliguri, Ward No. 43, NGO	Released in Turtle Pond (NBWAP)
07.11.2021	Eagle	1	1	Mahananda Wild Life Sanctuary	Released in wild (NBWAP)
19.11.2021	Himalayan Black Bear	1	1	Kalimpong Division	Animal was seriously ill, succumbed due to cardio respiratory failure.
20.11.2021	Gangetic Soft shelled Turtle	3	3	Salugara Range, Baikunthapur Division	Released in quarantine pond at reptile area (NBWAP)
03.01.2022	Lesser Adjutant Stork	1	1	Goshpukur Range, Social Forest Division	Released in Aviary (NBWAP)
06.01.2022	Himalayan Griffon Vulture	1	1	Bamanpokhari Range, Kurseong Division	Released in Aviary (NBWAP)
21.01.2022	Golden gecko	1	1	Salugara Range, Baikunthapur Division	Released in Bengal Safari natural habitat as per court order
25.01.2022	Turtle	2	2	Salugara Range, Baikunthapur Division	Released in quarantine pond at reptile area (NBWAP)
13.02.2022	Great Hombill	1	1	Mahananda Wild Life Sanctuary	Released in wild (NBWAP)
20.02.2022	Common Leopard (M)	1	1	Tukriajhar Range, Kurseong Division	Released in (NBWAP)
24.02.2022	Common Kite	1	1	Bagdogra Range, Kurseong Division	Released in Aviary (NBWAP)
04.03.2022	Common Leopard (M)	1	1	Bagdogra Range, Kurseong Division	Released in wild
28.03.2022	Spotted Deer (M)	1	1	Baikunthapur Division	Released in Herbivore area (NBWAP)

#### Release of Spotted Deer for rehabilitation into the wild

One of the main objectives behind the establishment of North Bengal Wild Animals Park (Bengal Safari) is to promote conservation of our invaluable faunal resources and maintain the ecological balance in the nature. So, keeping this in mind Bengal Safari decided to translocate spotted deer to the wild, as the population of the deer had touched far superseding the carrying capacity of the enclosure. Hence, on 19th February 2022 with the approval of West Bengal Zoo Authority and maintaining all rules and protocols, a total number of 30 Spotted Deer (20:10) was successfully released in Buxa Tiger Reserve in healthy condition. Boma technique was adopted for translocating the deer from North Bengal Wild Animals Park. Translocation is a long drawn out process with a pre operation phase of at least 3 weeks surveying followed Planning and bv construction of boma and passage was done. Then process of acclimatization to feeding inside the boma was initiated which was continued for few days. Then on the final day, the truck was prepared and placed in the



correct position and through the passage and ramp, the deer were shifted to the truck. no hurdles were faced during the transportation and it was carried out smoothly. No mortality occurred during translocation and all 30 individuals were released in healthy condition due to the dedicated efforts and expertise of all staff concerned. This was a great achievement for Bengal Safari. Subsequently, a short documentary titled "DEER DIARY...A journey to the wild" was successfully launched in the official YouTube channel and social media pages of the Park.

## **Birth of Tiger cubs**





In view of the excellent compatibility and association between Viban & Sheela, both were paired for captive breeding and mating in the month of November 2021. After the behavioural detection of pregnancy in Sheela, a proper diet and supplements schedule was formulated as per her requirements on the advice of the Director and Veterinary Officer of the Park. Proper biosecurity and safety measures regarding cleaning, disinfection and feed supply were taken and monitored regularly.

On 10-11th March 2022 till midnight tigress Sheela (8 yrs) gave birth to five tiger cubs in between the time interval of 9:30 pm–12:30 am. However out of five cubs, one cub could not survive due to injury owing to a bite from its mother and also due to low immunity. The four cubs are observed and monitored closely through CCTV by group of veterinarians and caretakers. The cubs are active, fine and feeding alternatively on mother's milk. Presently Sheela is taking good care of the cubs.

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# ANNUAL INVENTORY OF ANIMALS

#### FORM-II

[See rule 11 (1)]

PART - A

North Bengal Wild Animals Park, Jalpaiguri, West Bengal

Proforma for Annual Inventory Report Inventory Report for the Year : 2021-2022

#### Endangered Species\*

# - Montified Closing Balance

S.No.	Animal Name	Scientific Name		enin 1-Ap			E	Sirth	5	Ace	uisit	tions	Dis	ipos	als	•	leath	15			g Sto Ir-202	
			M		U	T	M	F	U	M		U	M	<b>P</b> 2	U	M		U	M	P.	U	T
Aves																						
: <b>t</b> ,	Common Hill Myna	Gracula religiosa	1	1	0	2	0	0	0	0	0	12	0	0	0	0	0	0	1	1	12	1
2.	Peafowl (leucistic)	Pavo cristatus	2	0	2	4	0	0	0	0	6	0	0	0	0	1	0	2	1	0	0	34
3.	Indian Peafow	Pavo cristatus	3	0	0	3	0	0	0	0	0	0.	0	0	0	2	0	0	1	0	0	1
4,	Temminick's Tragopan	Tragopan Iemminoki	0	0	0	0	0	0	a	1	2	0	0	0	0	0	0	0	1	2	0	3
Total Aves	4		6	1	2	9	0	0	0	1	2	12	0	0	0	3	0	2	4	3	12	15
Mammalia	22.0		1.100	1000	111	100	1.00		100			114		100	100		100		- 22		1	1
1.	Indian Elephant	Elephas maximus	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
2.	Jungle Cat	Feils citaus	4	0	0	4	0	0	0	0	0	0	10	0	0	0	0	0	3	0	0	3
з,	Indian Hog Deer	Hyelaphus porcivus	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	э	0	4
4,	Leopard	Panthera parolus	2	2	0	4	0	0	0	2	0	0	0	0	0	0	0	0	4	2	0	6
5.	Tiger (leucistic/White)	Panthere figris	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	t

8.No.	Animal Name	Scientific Name		enin 11-Ap				Birth	\$	Acq	uisit	lions	Dis	ipos	als	0	(art	15		losin Materia		
			м	F	u	T	M	F	U	M	F	U	м	F	U	м	F	U	M	F	U	T
6,	Bengal Tiger	Panthera tigris tigris	4	2.	0	6	0	0	5	0	0	0	۵	0	0	0	0	1	4	2	4	30
×.	Asian Palm Civet	Paradoxurus hermaphroditus	1	ť	0	2	0	0	0	×.	1	0	0	0	0	3	1	0	÷.	1	0	2
8	Leopard Cat	Prionalturus bengalensis	0	ū	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
9.	Fishing Cat	Prionaliurus vivertinus	1	1	0	2	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	2
10.	Indian Rhinoceros (Greater One- homed Rhino)	Rhinoceros unicomis	t	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	¥0	0	0	a
11,	Barasingha (Swamp Deer)	Rucervus dovávcel¥	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	з	0	6
12	Himalayan Black Bear	Unsus thibetantus Janigar	2	2	0	4	0	0	D	0	0	0	0	0	D	0	0	0	2	z	0	4
13,	Small Indian Civet	Winemiaule indice	0	0	0	0	0	0	0	3t	0	0	0	0	0	4	0	0	0	0	0	0
Total Mammalia	13		19	17	0	36	0	0	5	5	2	0	1	0	0	3	36	18	20	18	4	4
Reptilia																						
1.	Marsh Crocodile	Crocodylus palustris	2	2	0	4	0	0	0	0	0	0	0	0	D	0	0	0	2	z	0	4
2.	Ghariaí	Gavialis gangeticus	2	3	0	5	0	0	D	0	0	0	0	0	0	0	0	0	2	3	0	5
3	Indian Softshell Turtle, Ganges Softshell Turtle	Allissonia gengetice	0	0	4	4	0	0	0	0	2	0	0	0	0	0	1	0	0	1	4	5
otai Reptilia	3		4	5	4	13	0	0	0	0	2	0	0	0	0	. 0	.1	0	4	6	4	14
Total			29	23	6	58	0	0	5	5	6	12	1	0	0	6	2	3	28	27	20	7

PART - B North Bengal Wild Animals Park, Jaipaiguri, West Bengal

Proforma for Annual Inventory Report Inventory Report for the Year : 2021-2022

Other than Endangered Species\*

A - Monthed Closing Balance

S.No.	Animal Name	Scientific Name			g \$to r-202		8	Sirti	hs	Acq	uish	lions	Dis	pos	ala	D	oati	hs			g Sto r-202	
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F.	U	M	F	U	1
Aves								L.				-										Т
1.	Bise-and-gold Mecaw, Bise-and-yellow Macaw	Ara araravna	5	0	Û	5	0	0	0	0	0	0	2	0	0	1	0	0	2	0	0	2
2	Scarlet Macaw	Ara macao	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0.	0	. t.	0	T
3.	Indian Pond Haron	Ardeola grayii	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	E
4.	Umbrella Cockatoo, White Cockatoo	Cacatua alba	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	t	
5.		Cecetus gelente elecnora	0	0	î	7	0	0	0	0	0	Ø	0	0	2	0	0	0	0	0	5	
6.	ISaimon_crostor	Cacatua molucoanais	D	0	4	4	0	0	0	0	0	0	0	o	1	a	a	0	0	0	з	
7.		Chrysolophus amherstise	1	0	0	1	0	0	0	2	1	0	0	0	0	0	0	0	3	1	0	

S.No.	Animal Name	Scientific Name			g Sto r-202		1	Sirti	hs	Acq	uisi	lions	Dis	pos	sis	D	eath	15		losin 1-Ma		
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
8.	Golden Pheasant	Chrysolophus pictus	1	2	0	3	0	0	1	2	2	0	0	0	0	0	0	1	3	4	0	7
9.	Red Jungletowl	Gallus gallus	в	3	0	6	0	0	0	2	2	0	0	0	0	1	0	0	4	5	0	9
10.	Lesser Adjutant Stork	Leptoptilos javanicus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	t	1	0	2
11.	Silver Pheasant	Lophura nycthemera	1	ţ,	0	2	0	0	0	2	2	0	0	0	0	0	0	0	3	3	0	6
12.	Red-breasted Parakeet	Psitiacula alexandri	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	t)	2	0	3
13.	Rose-ringed Parakeet	Psittacula krameri	٥	0	40	40	0	0	0	0	0	0	0	0	0	0	0	0	D	D	40	40
14,	Grey Parrot, Jacquot	Psittacus enthacus	0	0	10	10	0	0	0	0	0	0	0	0	2	0	0	2	0	0	6	6
Total Aves	14		12	8	63	83	0	0	1	9	.9	0	2	0	5	ž	0	3	17	17	56	90
Mammalia		90508 C 155	10.00		1.00	1.0	1.0	1.7		1.6		1.00		2.2		11	1.1		1.00	32.6		
1.	* Chital/ Spotled Deer	Axis axis	135	230	103	468	0	0	13	0	0	0	20	10	0	3	1	0	125	240	82	44
2.	Indian Muntjac	Mundacus mundak	10	6	11	27	0	0	0	0	0	D	0	0	0	0	0	٥	10	6	11	27
3.	Sambar Deer	Rusa unicolor	8	13	11:	32	0	0	0	0	0	0	-0	0	0	0	0	0	8	13	11	32
4.	Wild Boar	Sus scrote	0	2	4	6	3	1	3	0	0	0	0	0	0	0	1	2	3	2	5	-10
Total Mammalia	4	110-4000 C	153	251	129	533	3	1	18	0	0	0	20	10	0	3	2	2	146	261	109	51
Reptilia																					-	
(4)	Incian Black Turtle (ssp. indopeningularis)	Melanochelys trijuga indopeninsularis	0	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	00	0	50	50
otal Reptilia	1		0	0	60	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50

S.No.	Animal Name	Scientific Name		Openin (01-Ap				Sinti	hs	Acq	ulsit	ions	Dis	pos	als	De	ath	15	1.12	1.1.2.6.1	g Stor	
			M	F	U	T	M	F	U	M	F	U	M	F	u	M	F.	U	м	F	U	T
Total			165	269	242	666	3	1	17	9	9	0	22	10	5	5	2	5	163	278	215	656
Grand Total			194	282	248	724	3	1	22	15	15	12	23	10	5	11	4	8	191	305	235	731

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# MORTALITY REPORT OF ANIMALS

SI.No.	Common Name	Scientific Name	Sex	Date of Death	Reason of Death
1	Peafowl	Pavo cristatus	F	11.05.2021	Due to egg bounding
-			-		
2	Red Jungle fowl	Gallus gallus	м	01.05.2021	Due to multiorgan failure (old
					age)
3	African Grey	Psittacus erithacus	U	03.09.2021	Due to infighting
	parrot		_		
4	Wild Boar	Sus scrafa	U	09.09.2021	Due to ill nursing
5	Wild Boar	Sus scrofa	F	28.09.2021	Due to ill nursing
		,			Ŭ
6	Turtle Ganges		F	03.12.2021	Due to cardiorespiratory failure
	Soft-shelled	Nilssonia gangetica			(tail rot)
	Secold Ladian	Musels is index			The second se
7	Small Indian Civet	Viverricula indica	м	09.12.2021	Due to capture myopathy
	Circs				
8	Asian palm civet	Paradoxurus	м	26.12.2021	Due to capture myopathy
		hermaphroditus			
9	Asian palm civet	Paradoxurus hermaphroditus	F	24.12.2021	Due to capture myopathy
		ner map in country			
10	Golden		U	22.05.2021	Due to cardiorespiratory failure
	Pheasant (Chick)	Chrysolophus pictus			
11	Spotted Deer	Axis axis	м	21.08.2021	Due to haemonhagic shock (predation)
	apoteen over	AA5 145			(pression)
12			F	22.02.2022	Due to old age
	Spotted Deer	Axis axis			
				24.01.2022	Due to cardiorespiratory failure
13	Fishing Cat	Prionallurus viverrinus	м	24.01.2022	(due to bloat)
	Pisning cat	vivernings			,;
14	Blue & Yellow		м	02.03.2022	Due to cardiorespiratory failure
	Macaw	Ara ararauna			
	African Const	Relation of the second		34.03.3022	Provide how either service
15	African Grey parrot	Psittacus erithacus	U	14.03.2022	Due to hypothermia
16	Peafowl	Pavo cristatus	м	29.03.2022	Due to New Castle Disease Virus
					infection
17	Peafowl	Pavo cristatus	F	29.03.2022	
18	Peafowl	Pavo cristatus	м	29.03.2022	-
18	- carowi	FUND LADEBILIS	04	22305.2022	
19	Bengal Tiger	Panthera tigris tigris	F	24.03.2022	Due to cardiorespiratory failure
					<u> </u>

#### Bengal Safari

# ANIMAL ADOPTION ACTIVITIES



## Walk-in Adoption Drive

In view of winters being peak visiting season for visitors at the Park, a two week long walk-in adoption programme was organized from 21.12.2021 to 03.01.2022 at the park premises. An animal adoption centre was opened wherein information related to adoption and hands-out was given to the visitors. This adoption programme was conducted to create a sense of participation and attachment to zoo animals and to create bonding and sense of involvement. People of all ages took interest and adopted their favourite animals and birds. A total 20 nos of animals and birds were adopted during the drive ensuing the success of the organized programme.

## Valentine's Day Adoption Programme

I4th February is a day to show and express love to the loved one. On Valentine's Day, Bengal Safari organized a one-day Animal Adoption Programme to celebrate the special relationship between the animal and animal lovers. Many came forward and adopted animals in their loved one names.

- 1.Mrs Sonika Sharma, Principal, G.D Goenka Public School, Siliguri adopted Kika, the white Bengal tigress.
- 2. Miss Payel Roy adopted one Rose ringed parakeet.
- 3. Mr Amit Barman adopted one Rose ringed parakeet.
- 4. Mr Prasenjit Roy adopted one Hill myna.

### Adoption on World Bear Day

On the occasion of World Bear Day, 23rd March, Smt Malvika Bayanwala, Principal of Orchid Montessori school, Fulbari, adopted one Asiatic Black Bear named Daddy for the period of one year.

















## The list of Adopters for the months of October 2021 to March 2022:

144
C 63 3
Altheacteneers over the news of Your Adoption
6
20

SI. No	Adopted Species	Adopter	Annually/Monthly	Rate	Adoption
51. NO	Adopted species	(Person/organiz	Annually/Monthly	(in Rs)	Date &
		ation)		(=,	Period
1.	Yellow Headed	Dhiraj Gupta	Annually	5,000	11.10.2021
	Amazon Parrod				to
					10.10.2022
2.	Rose ringed	Dhiraj Gupta	Annually	3,000	11.10.2021
	parakeet				to
		a sa bia mai a sa bi	t to other		10.10.2022
3.	Sulphur Crested Cockatoo	Mohit Tripathi	Monthly	500	12.10.2021
	COCKALOO				to 11.11.2021
4.	Rose ringed	Partho Behara	Monthly	500	09.12.2021
	parakeet			200	to
	1				08.01.2022
5.	Golden Pheasant	Sonam Gyatsho	Monthly	700	24.12.2021
		Bhutia	-		to
					23.01.2022
6.	Amazon Parrot	Master Ruyan	Monthly	500	25.12.2021
		Naamu Yonle			to
	o-iff	Success Sectors	t to other		24.01.2022
7.	Griffon Vulture	Susanta Sarkar	Monthly	500	25.12.2021 to
					24.01.2022
8.	Cockatiel	Bir Bahadur	Annually	2,000	26.12.2022
u.	Cochaeler	Tamang	Annually	2,000	to
					25.12.2022
9.	Lesser Adjutant	Binod Rai	Monthly	500	26.12.2021
	Stork				to
					25.01.2022
10.	Amazon Parrot	Bhaswati Bose	Monthly	500	26.12.2021
					to
	LUII A Aven	Col Consistent Roli	Annually	3 000	25.01.2022
11.	Hill Myna	Sri Samiran Raj	Annually	3,000	26.12.2021 to
					25.12.2022
12.	Indian Peafowl	Narbu Tamang	Monthly	1,000	28.12.2021
			(2 months)	-,	to
					27.02.2022
13.	Griffon Vulture	Rikjyoti Singha	Monthly	500	28.12.2021
		Roy			to
					27.01.2022
14.	Lesser Adjutant	Rikjyoti Singha	Monthly	500	28.12.2021
	Stork	Roy			to
45	Barking Deer	Naomi Subba	Monthly	1000	27.01.2022 28.12.2021
15.	barking beer	Naomi Subba	wonthy	1000	28.12.2021 to
					27.01.2022
16.	Rose ringed	Pradip Kumar	Annually	3,000	30.12.2021
	parakeet	Agarwala	,	,	to
	-	-			29.12.2022
17.	Cockatoo	Rakshan Sundas	Monthly	500	30.12.2021
					to
					29.01.2022
18.	Cockatiel	Biswajeet Sarkar	Monthly	200	30.12.2021
					to
10	Amazon Dourst	Neeru Chhetri	h še nahla s	500	29.01.2022
19.	Amazon Parrot	Neeru Crinetri	Monthly	500	31.12.2021 to
					30.01.2022
20.	Rose ring parakeet	Anil Kumar	Annually	3,000	31.12.2021
	Contraction of the second s	Agarwal	· · · · · · · · · · · · · · · · · · ·	-,	to

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21. Cockatiel Yash Rasaily Annually 2,000	30.12.2022 31.12.2021 to 30.12.2022 31.12.2022
22. Lady Amherst Bikash Subba Monthly 700	to 30.12.2022
22. Lady Amherst Bikash Subba Monthly 700	30.12.2022
22. Lady Amherst Bikash Subba Monthly 700	
Pheasant I I I I I I I I I I I I I I I I I I I	
	to
	30.01.2022
23. Rose ringed Shrestha Monthly 300	01.01.2022
parakeet Talukder	to
	01.02.2022
24. White Peafowl Shamideep Monthly 500	03.01.2022
Dutta	to
	02.02.2022
25. Scarlet Macaw Nilay Talukdar Monthly 1,000	07.01.2022
	to
	06.02.2022
	10.01.2022
(3 months)	to
	09.04.2022
	11.01.2022
parakeet	to
	10.01.2023
28. Amazon Parrot Arka Chatterjee Annually 5,000	12.01.2022
	to
	11.01.2023
29. White Peafowl Bikash Barai Monthly 500	12.01.2022
	то
	11.02.2022
30. Rose ringed Sourav Annually 3,000	13.01.2022
parakeet Majumder	to
	12.01.2023
	14.01.2022
	То
	13.01.2023
	28.01.2022
(Owner- Ankish	To
	27.01.2023
	03.02.2022
Majumdar	T0
	02.02.2023
34. Barking Deer O.G. Pal Annually 10,000	07.02.2022
	То
	06.02.2023
35. Asiatic Black Bear Dr. P.D. Bhutia Annually 30,000	09.02.2022
	То
	08.02.2023
	14.02.2022
Tigress (KIKA)	То
	13.02.2023
37. Rose ringed Payel Roy Annually 3,000	14.02.2022
parakeet	то
	13.02.2023
	14.02.2022
parakeet	To
	13.02.2023
	14.02.2023
55. mini wiyna Prasenjit koy Annualiy 5,000	
	T0
	13.02.2023
	18.02.2022
SONS. (Owner-	то
	17.02.2023
41. Sambar Deer Ajay Kumar Sah Annually 10,000	19.02.2022





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100						То
						18.02.2023
2.1	42.	Indian Peafowl	Sangita Basak	Monthly	500	23.02.2022
100						То
1						22.03.2022
	43.	Red jungle fowl	Outside Outfitter	Annually	3,500	23.02.2022
			(Koushik Barai)			То
		a 100 - 110 - 11	Sourabh Mallick			22.02.2023
	44.	Griffon Vulture	Sourabh Mallick	Monthly	500	23.02.2022
						T0
	45.	Indian Black Turtle	Abhisek	Monthly	300	22.03.2022
	40.	Indian black furtie	Chatterjee	Monuny	500	25.02.2022 To
			chatterjee			22.03.2022
	46.	Indian Peafowl	Deepika Dey	Monthly	500	24.02.2022
8	40.	Indian Pearowi	Deepika Dey	Monuny	500	24.02.2022 To
						23.03.2022
	47.	Rose ringed	Sanjay Sharma	Annually	3,000	28.02.2022
		parakeet	Sanjay Sharma	Annuany	3,000	T0
		paraneet				27.02.2023
1	48.	Rose ringed	Rajmudra	Annually	3,000	03.03.2022
/		parakeet	Residential	<i>canna</i> 2 <i>m</i> y	2,000	То
_		parameter	(Owner- Amitava			02.03.2023
			Chakraborty)			
	49.	Himalayan Griffon	Ritwik Biswas	Monthly	500	03.03.2022
		Vulture		,		То
						02.04.2022
	50.	Himalayan Griffon	Debapriya Dutta	Annually	5000	11.03.2022
		Vulture				То
						10.03.2023
- [	51.	Indian Black Turtle	Yozna Shanker	Annually	3000	14.03.2022
						То
						13.03.2023
	52.	Cockatiel	Pravin Basant	Annually	2000	14.03.2022
			Chettri			То
						13.03.2023
	53.	Indian Peafowl	Satyam Paul	Annually	5000	20.03.2022
						то
						19.03.2023
	54.	Asiatic Black Bear	Orchid	Annually	30000	20.03.2022
			Montesari House			То
						19.03.2023
7	55.	Sambar Deer	Dr. Pradipta	Annually	10000	26.03.2022
			Bhattacharya			To
		sadalar Gradiana	Mahaadaa	Annually	5000	25.03.2023
	56.	White Cockatoo	Mahendra	Annually	5000	30.03.2022
			Kumar Agarwal			T0
	57	Boso ringed	Manish Agenual	Annually	2000	29.03.2023
	57.		Manish Agarwal	Annually	3000	30.03.2022
		parakeet				T0
0	50	Spotted Door	Ankit Agagwal	Annually	15000	29.03.2023 30.03.2022
9	58.	Spotted Deer	Ankit Agarwal	Annually	13000	1
100						To 29.03.2023
Mar.						29.05.2025

# 28

# **COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY for the year** 2021-2022

Details on compliance of the conditions stipulated by the Central Zoo Authority (As per the earlier letter of grant of recognition issued to the zoo up to 19.08.2021)

Sr. No	Norm	Condition	Time	Since	Remarks
5r, 140	Norm No. under RZR	Condition	I ime Period to Comply	Since when pendin g	Kemarks Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo
1.General Requirements:					
1	10.1(1) & 10.3(3)	a) The mission of the zoo is for conservation breeding of endangered species specially Bengal Florican of the region, since this critically endangered species, is generally not available in captivity & it is a short-grass grassland species, creation of such grassland may be difficult in North Bengal Wild Animals Park, Salugara	Two years		Yet to be complied. Suitable habitat not yet developed.
2	10.1(7)	The leftover meat should be burnt, preferably incinerated			Leftover meat is properly disposed off. Incinerator room constructed
2.Admin	nistrative &	Staffing Pattern:			constructed
3	10.2(2)	In place of present contract, permanent arrangement should be made regarding deployment of scientific and technical staff in the zoo.	One year		Presently deployed through Government affiliated manpower agency
4. Anim	al housing,	display of animals and animal encl	osures:		
4	10.4(3)	The enclosure housing Gharial should be provided with sand bank of sufficient width on one side of the tank and the depth of the tank may be increase to 3 to 5 ft at least at one end			Complied. Sand bank of recommended width & depth constructed in Gharial enclosure.
5	10.4(9)	Plantation of suitable species should be done in the stand-off barrier without adversely affecting visibility	Six months		Complied

Letter No. - 22-64/2004-CZA (461) (Vol-II) (E) dated: - 30.12.2020

Sr. No	Norm No. under RZR	Condition thcare of animals:	Time Period to Comply	Since when pendin g	Remarks Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo
5.Upkee					
6	10.5(3)	Grain, pulses (in bags) stored in the store should be kept on wooden pallets	Six months		Complied
7	10.5(4)	In the Herbivore Safari, to offer feed concentrate to captive animals, shade should be provided	Immediatel y		Complied
8	10.5(5)	In the Herbivore Safari, to offer feed concentrate to captive animals in hygienic manner in course of time, cement concrete structures suitably covered with ceramic tiles should be provided	As and when there is replacemen t of existing waterproof ply		Will be done as & when required
9	10.5(9)	Screening of staff working with captive animals should include screening against Brucellosis, Leptospirosis and Hepatitis- C	Six months		Complied
6.Veteri	inary and I	nfrastructure Facilities:			
10	10.6(1)	The North Bengal Wild Animals Park, Salugara is spread over 300 hectares with animal enclosure housing mega-fauna such as Bengal Tiger, Leopard and Sloth Bear. To handle any medical emergency situation requiring immediate hospitalization of large animals, the zoo should be equipped with a vehicle such as light weight pick-up vehicles of 3- 5 tons capacity	Three months		Park has a pickup vehicle (Mahindra genio double cabin BS-III) FOR supplying feed and emergency transportation of animal. However, procurement of recommended vehicle maintained as per CZA compliance conditions is in progress.

11	10.6(1)	All the external doors and	Six months		Complied
		windows of the hospital should			
		have fly proof arrangements.			
Sr. No	Norm No. under RZR	Condition	Time Period to Comply	Since when pendin g	Remarks Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo
12	10.6(3)	The Veterinary Hospital in the zoo should also be equipped with double barrel and comparatively light weight immobilizing equipment.	One year		Presently the veterinary hospital is equipped with tranquillization gun; Gas Projector, Model: 72-11/13mm & a proposal initiated to accord permission for procurement of recommended immobilizing equipment.
13	10.6(3)	The North Bengal Wild Animals Park, Salugara is a small zoo, but is handling mega-fauna like One- Horned Rhinoceros, Sloth Bear, Bengal Tiger and Leopard. Hence the zoo should also have immobilizing equipment for thick skinned animals like Rhinoceros.	One year		Proposal initiated to accord permission for procurement of recommended immobilizing equipment.
14	10.6(6)	Linkages should be developed with the North Bengal University and such other eminent institutions working in the field of wild animal health care	One year		Complied
7.Post-n	nortem and	disposal of carcass of animals:			
15	10.7(4)	Incineration facility should be activated at the earliest.	Immediatel y		Construction of incinerator room completed, purchase of incinerator under process
		breeding of animals:	0: 4		Animal
16	10.9(4)	Unpaired animals to be paired at the earliest.	Six months		Animal exchange proposals to various zoos are being sent for pairing of the unpaired animals.

17	10.9(9)	Suitable protocol should be designed in consultation with expert under guidance of the WBZA for effective population control in prolifically breeding species.	Immediatel y		Proposal for translocation of Spotted Deer (25:35) to Buxa Tiger Reserve under the augmentation programme, which is recommended by WBZA expert Technical Committee for approval from Governing Board, WBZA
Sr. No	Norm No. under RZR	Condition	Time Period to Comply	Since when pendin g	Remarks Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo
18	10.11(1)	The Padmaja Naidu Himalayan Zoological Park, Darjeeling may be consulted for development of facility for conservation education.	Six months		Consultation with PNHZP, Darjeeling under process
Other C	onditions:				
19		Depth of sink in the kitchen to be reduced and should be of the standard kitchen sink size.	Six months		Complied
20		The kitchen wall showed dampness. Therefore, all the walls should be fitted with tiles up to the height of the ceiling	Six months		Complied



#### Bengal Safari INFORMATIVE POSTERS POSTED DURING THE MONTHS





#### Bengal Safari

# **ADORABLE ADOPTERS**







## Bengal Safari on the news page



CONTACT

Email Id- dirnbwap@gmail.com / eduresearch.bs@gmail.com Website- www.northbengalwildanimalspark.in 5th Mile, Sevoke Road, Salugara, Siliguri, West bengal 734008

