

# HIMALAYAN ZOOLOGICAL PARK



BULBULEY, GANGTOK-737103  
SIKKIM

Annual Report for the year  
2017-18

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### **REPORT OF THE OFFICER-IN-CHARGE:**

Cradled in Gangtok's picturesque hill crest, Bulbulay, at altitudes ranging from 6,545ft-8,125ft asl, the Himalayan Zoological Park sprawls over an impressive expanse of 230 Ha of lush virgin reserve forest, overlooking the magnificent Khangchendzonga Range. Its varied terrain, ranging from steep rocky surfaces to gentle grassy slopes complimented by varying types of vegetation offers congenial natural surroundings for many of Sikkim's Himalayan species, thus providing safe haven for the park's captive collection housed in mostly naturalistic enclosures.

The Himalayan Zoological Park is not merely for the display of wild animals but was originally established with the objective of conserving the State's rapidly dwindling wildlife. The HZP contributes towards conservation breeding of endangered species such as the state animal Red Panda, Blue Sheep and Himalayan Tahr.

Most enclosures within the Himalayan Zoological Park are based on "Immersion Exhibit" concept allowing the animals and visitors to be immersed within the animal's natural habitat without creation of additional artificial structures, save barriers. Enclosures are kept as natural as possible by simply creating enclosed spaces around existing landscapes allowing animals to encounter varied land formations as they would naturally do in the wild. Such enclosures have also encouraged our captive animals to breed extremely well. HZP has witnessed successful breeding in its captive populations of Red Panda, Goral, Blue Sheep and Himalayan Tahr.

## **HISTORY:**

The history of zoos in Sikkim dates back to the 1950s when there was just the Rustomji Deer Park created around a hill top near the Old Tashiling Secretariat, Gangtok established by the then monarchical Government. The Deer Park, as it was more popularly known, used to house mainly Sambar, Spotted Deer, Barking Deer, Asiatic Black Bear and Red Panda. The Deer Park was small in size and had no place for further animals with no scope for breeding. It was only in the late 1990s that the higher echelons in administration desired to establish a proper zoological park in Gangtok to promote wildlife conservation, tourism, aesthetic values and also to shift the Deer Park animals to the new, more spacious set-up. This initiative yielded into the present Himalayan Zoological Park at Bulbulay.

Bulbulay Reserve Forest falls under the jurisdiction of the Gangtok Territorial range in the East Forest Division. The lower part of the RF bound by the Eastern Bye-Pass Road above Raj Bhawan commencing from 2<sup>nd</sup> Mile through Ganesh Tok towards Tashi View Point and the approach road to Ratey Chu was earmarked for the establishment of the Himalayan Zoological Park by the then Government in the late 1990s. This part of the forest was earlier accessible to the locals residing in the villages of Upper Burtuk, SelepTanki, Upper Chandmari, Tathangchen, 2<sup>nd</sup> Mile JN Road, 3<sup>rd</sup> Mile JN Road and 4<sup>th</sup> Mile JN Road for collection of fuel wood, fodder plants, grazing of livestock and to some extent- collection of medicinal plants for traditional use. Wildlife such as Barking Deer, Serow, Kalij Pheasant and smaller birds fell prey to local hunters. The forest area began to show degradation with human interference. Before it was too late, the lower part of the reserved forest was selected and taken up for the present Himalayan Zoological Park. The natural forest mainly of smaller bamboos, trees, shrub, herbs, shrubs ferns and a few exotic *Dhuppi* (*Cryptomeria japonica*) introduced in the area flourished well under care and protection. The forest denizens- mammals, birds, reptiles, amphibians and insects also started multiplying with the increase in forest cover. The area was surveyed and a detailed project report was drawn for establishing a new Zoo at Bulbulay, Gangtok.

The Himalayan Zoological Park was formally opened to the public in 1997 and through the years has slowly made developments in terms of basic infrastructure, veterinary care and animal management. Although it covers a large area, the animal collection is small in comparison as the HZP primarily focuses on housing locally available wildlife species that do well in the unique micro-climate of the park. The HZP has successfully reared and bred Red Panda over the years as a participating zoo in the Conservation breeding program for the species. The HZP has also been successful in breeding and raising Blue Sheep and Himalayan Tahr and hopes to continue its efforts in conservation of these species.

## **VISION:**

To ensure conservation of all endangered animals and their environment through a holistic approach towards captive management, education and research.

## **MISSION AND OBJECTIVES:**

- Promoting :
  - ex-situ conservation breeding of endangered Himalayan species.
  - wildlife education, conservation, research and create awareness regarding the importance of wildlife.
- Protection and Preservation- HZP flora and fauna
- Visitor education and recreation
- Employment for the local people and help support their sustenance in their livelihood.

### **1. About us**

<b>S.No.</b>	<b>Particulars</b>	<b>Information</b>
<b>Basic Information about the Zoo</b>		
<b>1</b>	<b>Name of the Zoo</b>	Himalayan Zoological Park
<b>2</b>	<b>Year of Establishment</b>	1997
<b>3</b>	<b>Address of the Zoo</b>	Himalayan Zoological Park, Bulbuley,737103, Gangtok, Sikkim
<b>4</b>	<b>State</b>	Sikkim
<b>5</b>	<b>Telephone Number</b>	
<b>6</b>	<b>Fax Number</b>	
<b>7</b>	<b>E-mail address</b>	hzpsikkim@gmail.com
<b>8</b>	<b>Website</b>	
<b>9</b>	<b>Distance from nearest</b>	Airport: 130kms
		Railway Station: 120kms

<b>S.No.</b>	<b>Particulars</b>	<b>Information</b>
		Bus Stand: 15kms
<b>10</b>	<b>Recognition Valid upto (Date)</b>	20.01.2019
<b>11</b>	<b>Category of zoo</b>	Small Zoo
<b>12</b>	<b>Area (in Hectares)</b>	230 Ha.
<b>13</b>	<b>Number of Visitors (2017-2018)</b>	Adult : 60,113 numbers
		Children :4,280 numbers
		Total Indian : 58,515 numbers
		Total Foreigners : 1598 numbers
		Total Visitors: 64,393 numbers
<b>14</b>	<b>Visitors' Facilities Available in Zoo</b>	Jeep-able road Cafeteria, Wash rooms with running water, Potable water taps around the park, Resting sheds and benches around the park
<b>15</b>	<b>Weekly Closure Day of the Zoo</b>	Thursday
<b>Management Personnel of the zoo</b>		
<b>16</b>	<b>Name with designation of the Officer in-charge</b>	Shri. B.S Siktel – Director HZP
	<b>Name of the Veterinary Officer</b>	Dr. Kongcho O. Lachenpa
	<b>Name of the Curator</b>	Shri Tshering Thendup Bhutia – ACF HZP
	<b>Name of the Biologist</b>	Dr. Minla Z. Lachungpa
	<b>Name of the Education Officer</b>	Dr. Minla Z. Lachungpa
	<b>Name of the Compounder/ Lab Assistant</b>	Mr. Son Tshering Lepcha
Owner / Operator of the Zoo: Himalayan Zoological Park is an autonomous institution run under the Forests Environment and Wildlife Management Department of Sikkim		

S.No.	Particulars	Information
17	<b>*Name of the Operator</b>	Himalayan Zoological Park Society of Sikkim
18	<b>Address of the Operator</b>	Himalayan Zoological Park, Bulbuley, 737103, Gangtok, Sikkim
19	<b>Contact details/Phone number of Operator</b>	+919474535277
20	<b>E-mail address of Operator</b>	<a href="mailto:hzpsikkim@gmail.com">hzpsikkim@gmail.com</a>

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

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

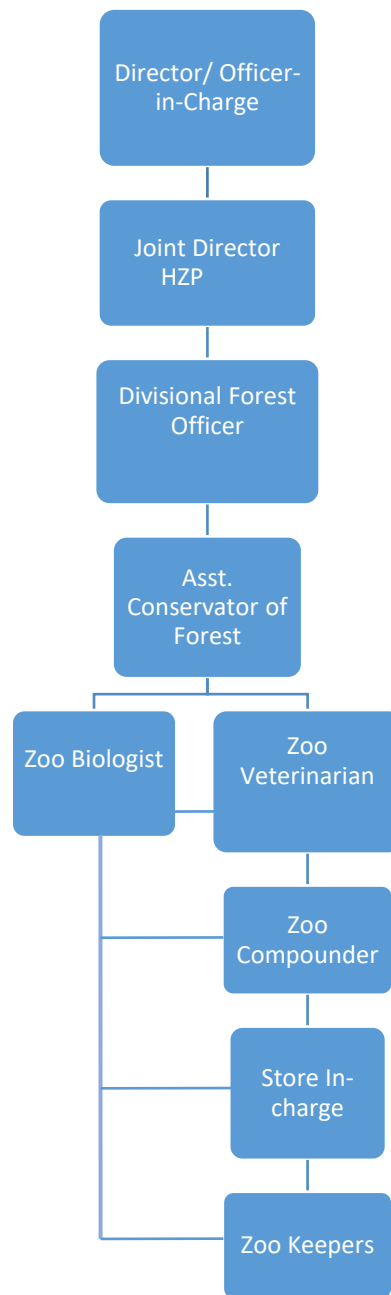
*I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or*

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

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



## 2. Organizational Chart



### 3. Human Resources

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
	Director	1	Mr. B.S. Siktel
	Joint Director	1	Mr. Sangay Gyatso Bhutia
	Divisional Forest Officer	1	Mrs. Shewani Pradhan
	Assistant Conservator of Forest	1	Mr. T.T Bhutia
	Head Forest Guard	1	Mr. Pemba Dorjee Tamang
	Forest Guard	2	Mr. Chetan Sharma Ms. Ran Maya Limboo
	Assistant Zoo Conservation Biologist	1	Dr. Minla Z. Lachungpa
	Zoo Veterinarian	1	Dr. Kongcho O. Lachenpa
	Zoo Veterinary Compounder	1	Mr. Sohn Tshering Lepcha
	Jr. Zoo Keeper	16	Mr. Ram Bahadur Tamang
	Jr. Zoo Keeper		Mr. Sonam Tshering Bhutia
	Jr. Zoo Keeper		Mr. Passang Namgyal Bhutia
	Jr. Zoo Keeper		Mr. Ongdi Bhutia
	Jr. Zoo Keeper		Mr. Kishan Rai
	Jr. Zoo Keeper		Mr. Choesang Samten Bhutia
	Jr. Zoo Keeper		Mr. Nim Tempa Sherpa
	Jr. Zoo Keeper		Mr. Sherab Dorjee Sherpa
	Jr. Zoo Keeper		Mr. Dhan Bahadur Chettri
	Jr. Zoo Keeper		Mr. Manoj Gurung
	Jr. Zoo Keeper		Mrs. Dil Maya Rai
	Jr. Zoo Keeper		Mr. Tashi Namgyal Bhutia
	Jr. Zoo Keeper		Mr. Dawa Tamang
	Jr. Zoo Keeper		Mr. Ratna Bahadur Rai
	Jr. Zoo Keeper		Mrs. Chenga Lhamu Bhutia
	Jr. Zoo Keeper		Mrs. Bhawana Chettri
	Jr. Zoo Keeper		Mr. Tshering Wangchuk Lepcha
	Jr. Zoo Keeper		Mrs. Shova Subba
	Ticket Collector	2	Mrs. Pushpa Sharma
	Ticket Collector		Mrs. Januki Khati

\*Please give above mentioned information in respect of all zoo personnel, from the Officer in-charge upto the Animal Keeper.

#### 4. Capacity Building of zoo personnel

\*all information is entered in order of dates of the respective programmes attended.

Sl.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Mr. Ram Bahadur Tamang – Jr. Zoo Keeper	Refresher course in Zoo Keeper Training	20.11.2017-25.11.2017	Nagaland Zoological Park, Dimapur
2	Mr. Tashi Namgyal Bhutia – Jr. Zoo Keeper	Refresher course in Zoo Keeper Training	20.11.2017-25.11.2017	Nagaland Zoological Park, Dimapur
3	Mr. Sonam Tshering Bhutia – Jr. Zoo Keeper	Refresher course in Zoo Keeper Training	20.11.2017-25.11.2017	Nagaland Zoological Park, Dimapur
4	Dr. Minla Z. Lachungpa – Assistant Zoo Conservation Biologist	Middle Level Officials Training Program	11.12.2017-14.12.2017	Sanjay Gandhi Biological Park, Patna, Bihar
5	Mr. B.S. Siktel – Director HZP	Annual Conference of All India Zoo Directors	18.12.2017-21.12.2017	Shri Charamrajendra Zoological Gardens, Mysuru, Karnataka
6	Dr. Minla Z. Lachungpa	Interactive Session reg. update of animal data entry in ZIMS software	19.03.2018-20.03.2018	Assam State Zoo, Guwahati

**5. Zoo Advisory Committee –**

**a. Date of constitution:** 09.11.2015

**Members:** Chief Wildlife Warden – Chair Person  
Conservator of Forest (Wildlife) – Member  
Addl. Director/CAO (Accounts) Forest – Member  
Addl Secy./ Jt. Secy (ADM) Forest – Member  
Veterinary Officer HZP (Vet Section) – Member  
Joint Director / DFO/ ACF – HZP – Member  
Director, HZP – Member Secretary

**b. Dates on which Meetings held during the year:** 19.04.2018

**6. Health Advisory Committee–**

**a. Date of constitution-** 09.03.2018

**b. Members -** Chief Wildlife Warden, FEWMD – Chairman  
Director Himalayan Zoological Park – Member Secretary  
Dr. Madam Kr. Shiv Shankar (Joint Dir – Ah LF & VS) – Member  
Dr. Thinley N. Bhutia, SARAH – Member  
Dr. Pushpanjali Balmiki - Veterinary Consultant

**c. Dates on which Meetings held during the year:** 19.04.2018

**7. Statement of income and expenditure of the Zoo:**

Rs.25,44,704 (Rupees Twenty Five Lakh Forty Four Thousand Seven Hundred and Four Only)  
Expenditure – NIL as on 31.05.2018

**8. Daily feed Schedule of animals:**

\*Annexure I attached

**Vaccination Schedule of animals**

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks

**De-worming Schedule of animals**

Sl no	Species	Drug used	Month
1.	Snow leopard (1no)	Fentas plus – 5tabs Fentas plus – 5tabs Fentas plus – 5tabs Fentas plus – 5tabs	June 2017 September2017 December 2017 March 2018
2.	Yak (2nos)	Fentas plus – 4tabs Fentas plus – 4tabs Fentas plus – 4tabs Fentas plus – 4tabs	June 2017 September2017 December 2017 March 2018
3.	Red panda (3nos)	Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab	June 2017 September2017 December 2017 March 2018
4.	Barking deer (4nos)	Fentas plus - 1 tab Fentas plus – 1 tab Fentas plus - 1 tab Fentas plus - 1 tab	June 2017 September2017 December 2017 March 2018
5.	Common leopard (1no)	Fentas plus – 4tabs Fentas plus – 4tabs Fentas plus – 4tabs Fentas plus – 4tabs	June 2017 September2017 December 2017 March 2018
6.	Leopard cat (6nos)	Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab	June 2017 September2017 December 2017 March 2018
7.	Large Indian civet (1no)	Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab	June 2017 September2017 December 2017 March 2018
8.	Himalayan Palm civet (1no)	Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab	June 2017 September2017 December 2017

		Fentas plus - ½ tab	March 2018
9.	Blue sheep (2nos)	Fentas plus - 1 tab Fentas plus – 1 tab Fentas plus - 1 tab Fentas plus - 1 tab	June 2017 September2017 December 2017 March 2018
10.	Himalayan black bear (4nos)	Fentas plus - 7 tabs Fentas plus – 7 tabs Fentas plus - 7 tabs Fentas plus - 7 tabs	June 2017 September2017 December 2017 March 2018
11.	Himalayan tahr (2nos)	Fentas plus - 1½ tab Fentas plus - 1½ tab Fentas plus - 1½ tab Fentas plus - 1½ tab	June 2017 September2017 December 2017 March 2018
12.	Goral (14nos)	Fentas plus - 1 tab Fentas plus – 1 tab Fentas plus - 1 tab Fentas plus - 1 tab	June 2017 September2017 December 2017 March 2018
13.	Porcupine (5nos)	Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab	June 2017 September2017 December 2017 March 2018
14.	Kalij	Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds	June 2017 September2017 December 2017 March 2018
15.	Silver pheasant (2nos)	Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds	June 2017 September2017 December 2017 March 2018
16.	Peafowl (2nos)	Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds	June 2017 September2017 December 2017 March 2018
17.	Tragopan (1no)	Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds	June 2017 September2017 December 2017 March 2018
18.	Golden pheasant (2nos)	Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds	June 2017 September2017 December 2017 March 2018

19.	Lady Amherst (2nos)	Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds Bripazine – 30-60ml for 100birds	June 2017 September2017 December 2017 March 2018
21.	Large Indian civet (1no)	Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab Fentas plus - ½ tab	June 2017 September2017 December 2017 March 2018

### 9. Disinfection Schedule

Sl.no	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Himalayan black bear (4nos)	Display enclosure	Kohrsolin (30ml in 3litres of water)	Daily
2.	Red panda (3nos)	Display enclosure	D-125/ Kohrsolin Fumigation with potassium permanganate and formalin.	Daily Once in 3 months
3.	Himalayan palm civet (1no)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
4.	Large Indian civet (1no)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
5.	Goral (14nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
6.	Barking deer (4nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
7.	Blue sheep (2nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
8.	Yak (2nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
9.	Himalayan thar (2nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
10.	Himalayan serow (1no)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
11.	Pea fowl (2nos)	Display enclosure	Kohrsolin (30 ml in 3	Daily

			litres of water)	
12.	Tragopan (1no)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
13	Silver pheasants (2nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
14.	Lady Amherst (2nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
15.	Golden pheasant (2nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
16.	Kalij pheasant	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
17.	Snow leopard (1no)	Display enclosure	D-125/ Kohrsolin Fumigation with potassium permanganate and formalin.	Daily Once in 3 monhs
18.	Common leopard (1no)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
19.	Leopard cats (6nos)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily
20.	Large Indian civet (1no)	Display enclosure	Kohrsolin (30ml in 3 litres of water)	Daily

#### 10. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up

#### Development Works carried out in the zoo during the year:

Sl. No.	Activity carried out
1.	Upgrade of Snow Leopard Kraal area
2	Construction of Admistration Building
3	Construction of Entry way
4	Construction of Post Mortem Block
5	Construction of Wildlife Rescue Centre
6	Construction of Kraal for Himalayan Tahr enclosure



## **11. Education and Awareness programmes during the year:**

- a. World Environment Day (5<sup>th</sup> June 2017)– Zoo Cleanliness Drive
- b. Ten Minutes To Earth (25<sup>th</sup> June 2017) – Avenue Plantation within Zoo Premises
- c. Wildlife Week 2017 (1<sup>st</sup>-7<sup>th</sup> October 2017) – Educational Zoo Walk for School students with free entry for all schools, Bird Watching and Wildlife Watching
- d. World Wildlife Day (3<sup>rd</sup> March 2018) – Awareness Program in Local School and HZP premises for Zoo Staff
- e. FMD and Canine Distemper Vaccinations in Fringe Areas of Himalayan Zoological Park

## **12. Important Events and happenings:**

- a. World Environment Day (5<sup>th</sup> June 2017)– Zoo Cleanliness Drive
- b. Ten Minutes To Earth (25<sup>th</sup> June 2017) – Avenue Plantation within Zoo Premises
- c. Wildlife Week 2017 (1<sup>st</sup>-7<sup>th</sup> October 2017) – Educational Zoo Walk for School students with free entry for all schools, Bird Watching and Wildlife Watching
- d. World Wildlife Day (3<sup>rd</sup> March 2018) – Awareness Program in Local School and HZP premises for Zoo Staff
- e. FMD and Canine Distemper Vaccinations in Fringe Areas of Himalayan Zoological Park
- f. Training Program for Tranquilization and Handling of Tranquilization Equipment for Frontline Staff of Forests, Env. & Wildlife Mgmt. Department Govt. of Sikkim.
- g. Refresher Course in Training Program for Tranquilization and Handling of Tranquilization Equipment for Frontline Staff of Forests, Env. & Wildlife Mgmt. Department Govt. of Sikkim.

## **13. Seasonal special arrangements for upkeep of animals:**

Electrification for provision of room heater in the following enclosures:

1. Snow Leopard enclosure: Provisions have been made considering the animal's age and vulnerability to illness during inclement weather.
2. Red Panda enclosure: Red Pandas in HZP have been vulnerable to Canine Distemper on three occasions in the past, prompting the need for a room heater to keep the feeding house dry and warm during inclement weather so that the risk of disease is minimized.
3. Himalayan Black Bear: Provisions were made to provide a room heater for the old Himalayan Black Bear who was suffering from old age related health issues.

### **1. Research Work carried out and publications:**

### **2. Conservation Breeding Programme of the Zoo:**

Red Panda: Birth of total 2 Red Panda cubs-

- a. Ram X Pokchi – 2 cubs 26.06.2017 - surviving

Himalayan Goral: Total number of births between 2017-18 – 3 nos – all surviving

### 3. 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
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	4/E/HZP	Kalij Pheasant ( <i>Lophura leucomelanos</i> )	1:1	Sidkeyong Tulku Bird Park- Rabdentse, West Sikkim	03.12.2018

### 4. 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	08.01.2017	Himalayan Serow (Capricornis tahr) 1 (0:1)	HZP premises			The animal was found consistently grazing around the Barking deer enclosure near the feeding house, despite attempts to discourage it.
2	09.01.2018	Red Earth Sand Boa	East Territoria	09.01.2018	06.02.2018, Dzongu	

		(Eryx johnii) 1 (unsexed)	I Division, Forests Env. & Wildlife Mgmt. Dept. of Sikkim		North Sikkim as per Court order	
3	13.01.2018	Himalayan Buzzard	Public	15.01.2018	18.01.2018 , HZP premises (as the bird was perfectly healthy and there is a healthy population of free ranging birds in the HZP	
4	7.10.2017, 10.10.2017	Himalayan Black Bear – (1 female, 2 cubs – 1:2)	Rescued from 7 <sup>th</sup> Mile Sikkim Scouts Camp, Kyongno sla Alpine Sanctuary , East Sikkim	11.10.2017		No suitable area for release found. Both cubs were too young to be released. Captivity in the Zoo has also rendered all three individuals dependent on the Zoo keeper for feed.

## 5. Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year :

**\*Annexure II attached**

Endangered Species\*

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

Part – B

Other than Endangered Species

**\*Annexure II attached**

## 6. Mortality of animals

Sl.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1	Golden Pheasant (GP/F/PD/2014/HZP/GTK/8)	<i>Chrysolophus pictus</i>	Female	31.05.2017	Death due to predation by Yellow throated Marten
2	Barking Deer BD/M/W/2008/HZP/GTK/15	<i>Muntiacus muntjak</i>	Male	14.06.2017	Death due to predation by Yellow throated Marten
3	Barking Deer BD/F/W/2008/HZP/GTK/16	<i>Muntiacus muntjak</i>	Female	14.06.2017	Death due to predation by Yellow throated Marten
4	Kalij pheasant KJ/F/CB/2016/HZP/GTK/9	<i>Lophura leucomelanos</i>	Female	31.07.2017	Death due to infighting
5	Himalayan Black Bear - Raja HB/M/AZ/99/HZP/GTK/3	<i>Selenarctos thibetanus laniger</i>	Male	28.09.2017	Death due to Old age
6	Red Panda – Ram RP/M/W/2005/HZP/GTK/13 TNo. 0006B7406B	<i>Ailurus fulgens fulgens</i>	Male	20.11.2017	Death due to Old age and associate cardiac insufficiency

7	Tibetan Wolf – Sharad TW/M/PD/2005/HZP/GTK/14	<i>Canis lupus chanco</i>	Male	27.11.2017	Death due to Old age related multiple organ failure
8	Red Panda – Sonam RP/M/CB/2009/HZP/GTK/19 TNo. 6B711CA	<i>Ailurus fulgens fulgens</i>	Male	17.12.2017	Death due to Canine Distemper
9	Red Panda- Diya RP/F/W/2014/HZP/GTK/31 TNo. 956000002149016	<i>Ailurus fulgens fulgens</i>	Female	31.12.2017	Death due to Canine Distemper
10	Goral G/M/CB/2018/HZP/GTK/28	<i>Nemorhedus goral hodgsonii</i>	Male	29.03.2018	Neonate – was born weak and abandoned. Succumbed due to general weakness.

#### 7. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
<b>Animal Housing, Display of Animals and Animal Enclosures</b>					
1	4(6)	The Zoo should make special efforts to enrich the environment of the enclosure to meet the species specific behavioural requirements of the animals in accordance with the standard specified by the CZA. While enriching the exhibits emphasis on the animal exhibits for the	With immediate effect	24.02.2016	Complied and on-going

		Himalayan Black Bear, Red Panda Clouded Leopard and Leopard should be given			
<b>Veterinary and Infrastructural Facilities</b>					
2	6(b)	Officers and staff working at the zoo should undergo training as and when organized by the CZA or any other organization and upgrade technical skills of Zoo staff	With immediate effect	24.02.2016	In compliance and On-going
<b>Education and Outreach Activities</b>					
3	11	The Zoo may utilize with the help of volunteers and Zoo guides and management of the zoo. The guidelines prescribed by the CZA in this regard should be followed.	With immediate effect	24.02.2016	In compliance and Ongoing. All Educational Activities are currently being carried out by Zoo Management.
<b>Visitor Facilities</b>					
4	12(1)	Appropriate ramps to have access to toilets, other public facilities and animal exhibits for differently abled visitors should be provided	With immediate effect	24.02.2016	Work in progress

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

- a. Mammals
- b. Birds
- c. Reptiles

\*Himalayan Zoological Park is a large expanse of 230 Ha is land covered in virgin forest ranging from Sub temperate to Sub alpine vegetation belts. The forest supports a large number of wildlife species (Mammals, Birds & Reptiles) that are free ranging. Some species also come down to the warmer altitude of the HZP during winters to graze.

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