

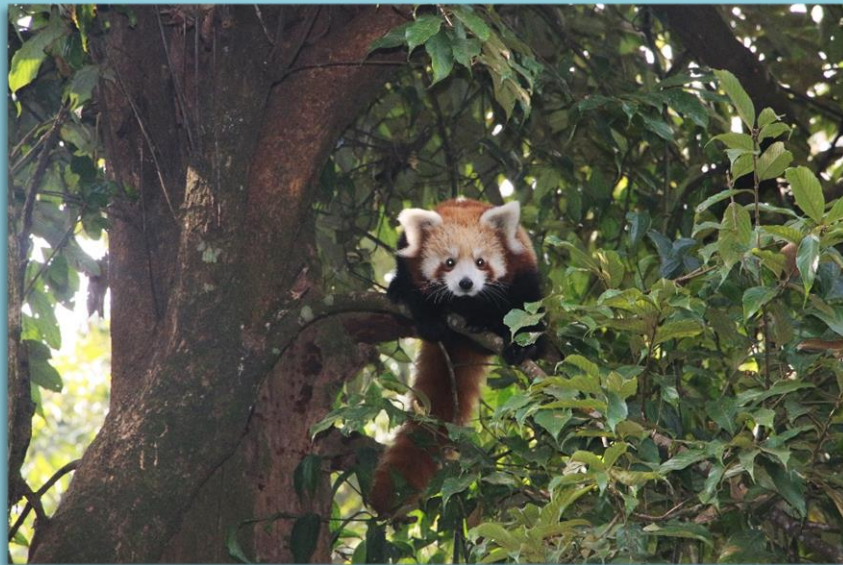


**PADMAJA NAIDU HIMALAYAN ZOOLOGICAL PARK
DARJEELING, WEST BENGAL
NEWS LETTER**

October - December 2017

IN THIS ISSUE

- Birth Of Animal
- Death Of Animal
- Acquisition and Transfer of Animals
- Workshop attended by staff
- Outreach Programme
- Celebration of Children's Day, 2017
- Observance of Child Rights Week in Association with the District Child Protection Unit
- Shifting of the Research and Education Section to a New Wing
- Taxidermy Work
- Enrichment in this quarter
- Development work in this quarter



EDITORIALBOARD

Mr. Piar Chand, IFS

Director

Mr. Shiromani Syangden

Estate officer

Mr. Purna Ghising

Animal Supervisor

Miss Upashna Rai

Zoo Biologist

Miss Pranita Gupta

Education Assistant

NEWS LETTER ADDRESS

Director,

Padmaja Naidu Himalayan Zoological
Park,

Darjeeling- 734101

West Bengal, India

Tel: 0354-2254250 (Ch)

2253709 (Off), 2252522 (Fax)

E-mail: pnhzp@yahoo.com

Website: www.pnhzp.gov.in

From the Directors Desk...

I am happy to present before you the last quarter of the 2017 newsletter. We ended the year on a high note by celebrating several events at the park. The park was delighted to organize and host the celebration of Children's day separately and in association with Hayden Hall. The park welcomed students from various local schools for a fun educational tour of the park. The park also observed Childs Right week in association with the District Child Protection Unit where we hosted under privileged children from Darjeeling for an educational tour.

We are also happy to inform that the Research and Education section shifted to the old Veterinary building. The section is now equipped with basic laboratory facilities.

There was also extensive enrichment work this quarter in the park and the satellite breeding facility for herbivores and pheasants at Dowhill, Kurseong which included installation of new bird houses, bird perches, vegetable gardens and substrate enrichment. The developmental work included shifting of Research and education section to a new wing, repair of night shelters, new breeding boxes for pheasants, modification of the roof of the pheasantry etc.

I hope I shall have more to share with you in the next quarter.

**Director
PNHZ Park
Darjeeling**

BIRTH OF ANIMAL

SL.No	Name of Animals	Date of Birth	No ofcubs
1.	Himalayan Goral (<i>Naemorhedus goral</i>)	02.12.2017	1:0:0



DEATH OF ANIMALS

SL.No	Name of Animals	Date of Birth	No faun
1.	Red panda (<i>Ailurus fulgens fulgens</i>)	01.10.2017	1:0:0
2.	Himalayan Monal (<i>Lophophorus impejanus</i>)	03.10.2017	0:1:0
3.	Rose Ring Parakeet (<i>Psittacula krameri</i>)	09.10.2017	0:1:0
4.	Temminck's Tragopan (<i>Tragopan temminckii</i>)	08.11.2017	1:0:0
5.	Royal Bengal Tiger (<i>Panthera tigris tigris</i>)	10.11.2017	0:1:0
6.	Silver Pheasant (<i>Lophura nycthemera</i>)	01.12.2017	0:1:0

ACQUISITION AND TRANSFER OF ANIMALS

Date	Animals	Number of Animals	Acquired from
23.11.2017	Leopard Cat (<i>Prionailurus bengalensis</i>)	0:1:0	Old Conservation Breeding Center forest.

Date	Animals	Number of Animals	Transferred to
24.10.2017	Asiatic Black Bear (<i>Ursus thibetanus</i>)	1:1:0	North Bengal Wild Animal Park
13.12.2017	Kalij Pheasant (<i>Lophura leucomelanos</i>)	1:0:0	Sanjay Gandhi Biological Park
13.12.2017	Red Jungle Fowl (<i>Gallus gallus</i>)	1:0:0	Sanjay Gandhi Biological Park
13.12.2017	Golden Pheasant (<i>Chrysolophus pictus</i>)	3:3:0	Sanjay Gandhi Biological Park

WORKSHOP ATTENDED BY STAFF

Miss Upashna Rai, Zoo Biologist at PNHZP attended a training workshop on “ Wildlife Level Zoo Officials Training Programme” organised by Sanjay Gandhi Biological Park, Patna with the financial assistance from the Central Zoo Authority. The workshop was held at Sanjay Gandhi Biological Park, Patna from 11th December to 14th December 2017.



OUTREACH PROGRAMME

The outreach programme of the Park involves students of all levels including trainees. The programme includes a tour of the park followed by an interactive session where topics such as role and functions of the modern zoo, conservation breeding programmes, environmental issues and the work of the zoo in working towards conserving rare and endangered species are discussed. Educational material regarding information on the housed animals of the park, conservation breeding programmes of the zoo, its biodiversity etc. are distributed to the students along with notebooks and lunches.

During this quarter the education wing of the Park attended to 718 students and 120 faculties from 24 institutes.

Date	Name of school/Training institute/ Colleges/ Universities	Number of students/trainees	Number of teachers/instructors	Education incentives
23.10.2017	H.M.I Advance course Trainees	61	9	Education Materials, Visit to Zoo and Interaction.
23.10.2017	H.M.I Basic course Trainees	65	1	Education Materials, Visit to Zoo and Interaction.
28.10.2017	Himalayan Run and Trek	55	6	Education Materials and Visit to Zoo.
09.11.2017	Zoological gardens, Trivandrum	11	1	Education Materials, Visit to Zoo and Interaction.
13.11.2017	Sarda Nepali girls Primary School	05	4	Education Materials, Visit to Zoo, Interaction and Packet lunch
13.11.2017	Surrotam Vedic Pathsala	09	4	Education Materials, Visit to Zoo, Interaction and Packet lunch.
13.11.2017	R.N Sinha Primary School	27	0	Education Materials, Visit to Zoo, Interaction and Packet lunch.
13.11.2017	Saipatri Primary School	06	3	Education Materials, Visit to Zoo, Interaction and Packet lunch

13.11.2017	Buddhist Primary School	20	3	Education Materials, Visit to Zoo, Interaction and Packet lunch
13.11.2017	Holy Angels School	25	1	Education Materials, Visit to Zoo, Interaction and Packet lunch
13.11.2017	Red Cross Primary School	18	4	Education Materials, Visit to Zoo, Interaction and Packet lunch
14.11.2017	Pinewood School, Ghoom	63	9	Education Materials, Visit to Zoo, Interaction and Packet lunch
18.11.2017	Ray of Hope School, Chong tong	20	9	Education Materials, Visit to Zoo, Interaction and Packet lunch
18.11.2017	Child Rights Week in Association with District Child Protection Unit Darjeeling	40	7	Education Materials, Visit to Zoo, Interaction and Packet lunch
19.11.2017	A.G Church (Sunday School), Darjeeling	42	7	Education Materials, Visit to Zoo, Interaction and Packet lunch
24.11.2017	St. Xavier's School, Darjeeling	26	3	Education Materials, Visit to Zoo and Interaction.
25.11.2017	Relling Higher Secondary School	10	2	Education Materials, Visit to Zoo and Interaction.
28.11.2017	Anulia High School	22	8	Education Materials, Visit to Zoo and Interaction.
05.12.2017	Banbole High School, Uttar Dinajpur	40	4	Education Materials, Visit to Zoo and Interaction.
08.12.2017	Crayons Preparatory School	38	9	Education Materials, Visit to Zoo and Interaction.
11.12.2017	Mount View Primary School	26	7	Education Materials, Visit to Zoo and Interaction.
22.12.2017	Kumdini High School, Kalimpong	21	1	Education Materials, Visit to Zoo and Interaction.
23.12.2017	Saraswati Vidhya Daan Academy Lebong.	51	15	Education Materials, Visit to Zoo and Interaction.
23.12.2017	CASFOS, Burnihat, Assam	29	1	Education Materials, Visit to Zoo and Interaction.



H.M.I Advance and Basic Course Students



Children Day Programme in Association with Hayden Hall



Educational tour of students of Pinewood School Ghoom



Educational tour of students of Ray of Hope School



Child Rights Week in Association with District Child Protection Unit Darjeeling



Educational tour of students of A.G Sunday Church School



Educational tour of students of Relling Higher secondary School



Educational tour of students of Anulia High School



Educational tour of students of Banbole High School, Uttar Dinaipur



Educational tour of students of Crayons Academy



Educational tour of students of Mount View Primary School



Educational tour of students of Saraswati Vidhya Daan Academy Lebong



Educational tour of students of Kumdidni High School Kalimpong



Educational tour of Staff of Zoological Gardens, Trivandrum



Educational tour of CASFOS Trainees, Burnihat Assam SFS Batch

CELEBRATION OF CHILDREN'S DAY BY THE PARK AND IN ASSOCIATION WITH HAYDEN HALL, DARJEELING

The park celebrated Children's day in association with Hayden Hall Community Development Centre, Darjeeling as well as host other schools on Children's Day separately.

The park organized an outreach program for children from Municipality Primary Schools from Darjeeling in association with Hayden Hall Community Development Centre. The program included 93 students and 30 teachers and was held on 13th November 2017. The outreach program comprised of an educational tour of the park along with quiz competition and the showing of a wildlife movie. The children and teachers were also provided with packet lunches, water and juice along with educational materials.

S.No	School Name	No of Students	No of Teachers
1.	Red Cross Primary School	20	5
2.	Buddhist Primary School	19	4
3.	Surottam Vedic School	13	4
4.	R.N Sinha Primary School	14	4
5.	Holy Angels	15	3
6.	Ashram School	5	4
7.	Saipatri Primary School	7	4

The park also organised and hosted several schools separately for the occasion of Children's Day. 55 students and 12 teachers from Pinewood school, Darjeeling and 25 students and 9 teachers from Ray of hope School, Chong Tong, Darjeeling were given an educational tour including a quiz competition and the showing of a wildlife movie. The children were provided with packet lunches and refreshments along with educational materials.





OBSERVING CHILD RIGHTS WEEK IN ASSOCIATION WITH THE DISTRICT CHILD PROTECTION UNIT, DARJEELING.

The District Child Protection Unit organized various programs involving children to create awareness on Children Rights and Protection. The week long program from 14th November- 20th November, 2017 included an outreach program for the children and their escorts at Padmaja Naidu Himalayan Zoological Park on 18th November 2017.

The program included 50 children and their escorts from various parts of Darjeeling. The outreach program comprised of an educational tour of the park, a talk on conservation and information on various measures taken up by the park for care and conservation of its captive animals along with a quiz competition and screening of a wildlife movie. The participants were given refreshments and educational materials at the end of the program.



SHIFTING OF THE RESEARCH AND EDUCATION SECTION TO A NEW WING

The research and education section shifted to a new wing on 19th December 2017. The new research and education wing is located at the old Veterinary hospital which was vacant after the completion of the new Veterinary hospital. This wing was renovated to accommodate two offices and a basic laboratory.



TAXIDERMY WORK DONE IN THIS QUARTER

Skinning of Himalayan Monal

Scientific name(*Lophophorus impejanus*)(Acc. No. A/PH/141)

Collection from Zoo (PNHZZP)

Skinning of the specimen was done and preserved by using alum powder and carbolic acid and was kept as a rolled specimen.



Skinning and Mounting of one Hill Myna

Scientific Name: *Gracula religiosa*(Acc. No. A/M/12)

Collection from Zoo (PNHZP)



Skinning and Mounting of Grey Peacock Pheasant

Scientific Name: *Polyplectron bicalcaratum*(Acc. No. A/PH/142)

Collection from Zoo (PNHZP)



List of Specimen Skinned or Mounted (October to December)			
Serial No.	Name of Specimen	Work Done	Accession No.
1	HIMALAYAN MONAL (<i>Lophophorus impejanus</i>)	SKINNED	A/PH/141
2	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/12
3	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/13
4	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/14
5	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/15
6	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/16
7	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/17
8	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/18

9	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/19
10	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/20
11	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/21
12	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/22
13	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/23
14	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/24
15	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/25
16	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/26
17	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/27
18	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/28
19	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/29
20	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/30
21	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/31
22	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/32
23	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/33
24	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/34
25	ROSE -RINGED PARAKEET (<i>Psittacula krameri</i>)	SKINNED	A/PK/35
26	UNIDENTIFIED	SKINNED	A/B/24
27	UNIDENTIFIED	SKINNED	A/B/25
28	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/26
29	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/27
30	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/28
31	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/29
32	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/30
33	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/31

34	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/32
35	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/33
36	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/34
37	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/35
38	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/36
39	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/37
40	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/38
41	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/39
42	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/40
43	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/41
44	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/42
45	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/43
46	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/44
47	SPOTTED MUNIA (<i>Lonchura punctulata</i>)	SKINNED	A/B/45
48	HILL MYNA (<i>Gracula religiosa</i>)	SKINNED	A/M/09
49	HILL MYNA (<i>Gracula religiosa</i>)	SKINNED	A/M/10
50	HILL MYNA (<i>Gracula religiosa</i>)	SKINNED	A/M/11
51	HILL MYNA (<i>Gracula religiosa</i>)	SKINNED AND MOUNTED	A/M/12
52	GREY PEACOCK PHEASANT (<i>Polyplectron bicalcaratum</i>)	SKINNED AND MOUNTED	A/PH/142
53	FLYING SQUIRREL(<i>Pteromyini</i>)	SKINNED	BNHM/M/50

ENRICHMENT IN THIS QUARTER

The enrichment work taken up in this quarter include new aerial walkways in the lesser carnivore, new feeding platform in the red panda enclosures, new logs in the Asiatic black bear enclosure and new bird houses in the aviaries of the park. In the Conservation breeding centre for pheasants and herbivores, Dowhill, substrate enrichment using wood shavings, rotten logs and forest soil was done in the pheasantry, new breeding boxes were installed, new perches were also designed and a vegetable garden was planted for the pheasants.



New aerial walkways in the lesser carnivore enclosures



New wooden platforms in the Asiatic Black Bear enclosure



New bird houses in the Aviaries



Substrate enrichment with rotten logs and forest soil



New nesting boxes at Conservation breeding centre for pheasants and herbivores at Dowhill, Kurseong



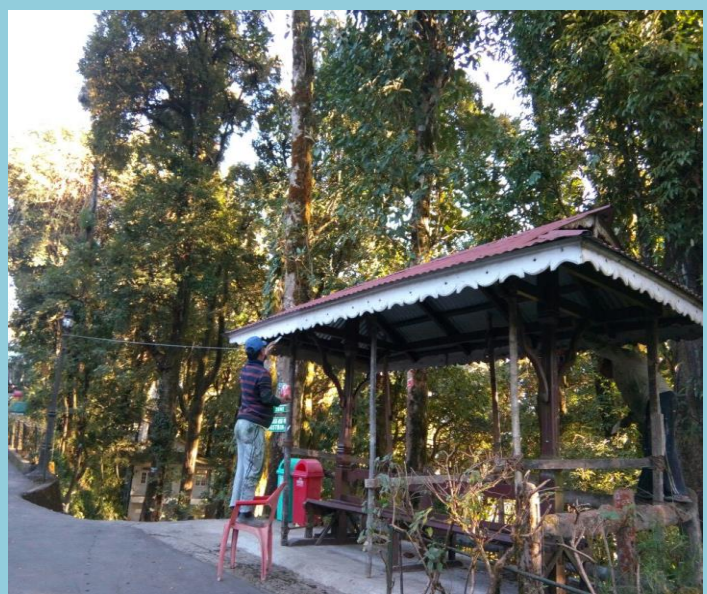
New perches and vegetable garden for pheasants at Conservation breeding centre for pheasants and herbivores at Dowhill, Kurseong

DEVELOPMENT WORK AT PNHZP IN THIS QUARTER

The development work taken up in this quarter by the zoo include raised bases in the aviaries to prevent rodents from entering the aviaries, painting of the visitors resting shed and installation of new squeeze cages and renovation work in the Royal bengal tiger night shelter. This quarter the old veterinary building was also renovated to make room for the new research and education wing and a new storeroom for the Store section. At the old conservation breeding centre (CBC) in the park, the night shelters were painted and new wooden platforms for snow leopards was installed. At the Conservation Breeding centre for pheasants and herbivores at Dowhill, Kurseong the development work included construction of partial concrete bamboo fences, new breeding boxes, chick rearing houses, animal resting shed and the installation of modified roofs in the circular aviary.



Raised base of Aviary & New Squeeze Cage at the Tiger Enclosure



Painting and renovation of the Royal Bengal tiger night shelter and painting of the visitors resting shed.



Painting of night shelter and installation of new wooden platforms at the old Conservation Breeding centre.



Bamboo fencing and partial concreting of the bamboo fences in the herbivore enclosures at the conservation breeding centre for herbivores and pheasants at Dowhill, Kurseong.



Modified roofing for proper drainage in the circular pheasantry and nesting area at the conservation breeding centre for herbivores and pheasants at Dowhill, Kurseong.



Animal shed and Chick rearing house at the conservation breeding centre for herbivores and pheasants at Dowhill, Kurseong.