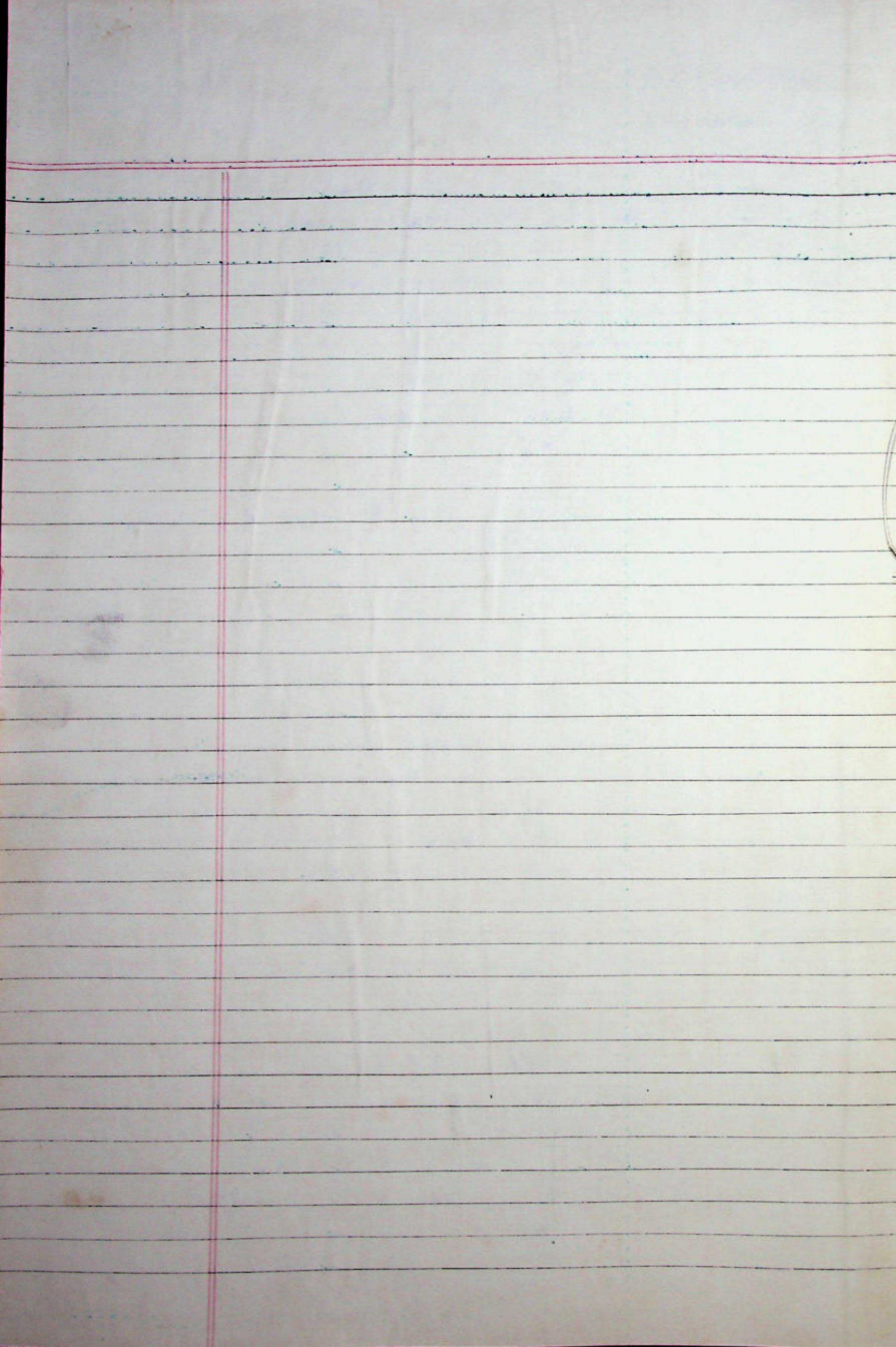


MINUTE BOOK
TECHNICAL COMMITTEE MEETING
OF
WEST BENGAL ZOO AUTHORITY



Sub: Constitution of the Technical Committee for the WB Zoo Authority.

As per the resolution adopted in the 4th meeting of the Governing Body of the West Bengal State Zoo Authority, a technical committee as a sub-committee of the Governing Body is hereby constituted to provide technical expertise to the state Zoo Authority.

The Technical Committee will have the following members:

1. PCCF (WL) & CWLW, West Bengal - Chairman
2. Sri. B.R. Sharma, I.F.S. CCF (WL-N)
3. Director, Animal Health & Veterinary Science.
4. Director, Darjeeling Zoo.
5. Member - Secretary, WBZA - convener.
6. Director, Alipore Zoo.
7. Chief Engineer, WBZA
8. The Technical officer, WBZA

Terms of reference for the Technical Committee.
Technical input for exchange of animals (Sch I & P II of Sh II).

Technical inputs for exchange of other animals between Indian / Foreign Zoos.

↓ * Approval for research proposals in / from zoos.
Technical input for designing of animal enclosures
approve the annual schemes of the zoos.

Approval of the master plans of the different zoos of the state.

Any other technical matters referred by WBZA.
* Technical inputs for training programs in zoos.

The Constitution of the Technical Committee will come into immediate effect.

Sd/- ??

Member Secretary
West Bengal Zoo Authority

Documented by :

Phallanuj
15/4/14
Head Clerk
Zoological Garden,
Alipore

Kolam 15/04/14
DIRECTOR
Zoological Garden
Alipore, Kol-27

Minutes of the 1st Technical Committee meeting held on 25th April 2012.

Members Present :

Sri S. B. Mondal, I.F.S, PCCF (WL) & CWLW, West Bengal & Chairman.

Dr B. R. Sharma, I.F.S. CCF (WL-N).

Sri T. V. N. Rao, I.F.S, Member Secretary, WBZA.

Sri Haque, Chief Engineer, WBZA,

Smt. Piyali Chattopadhyay, Dy. Director, Alipore Zoo.

Sri Susanto Bhattacharyay, Asst. Director, Alipore Zoo.

Following are the deliberations and decisions taken -

1. Exchange of Animals - Animal exchange program is one of the important activities of the zoos. For exchange of animals, the guidelines issued by CZA to be followed. The Directors of different zoos will negotiate the exchange proposals with different zoos and submit the proposal to MSZA.

The technical committee will consider the proposals following CZA guidelines. Cases involving Sch. I & II will be forwarded to CZA for necessary approval where-as for, Sch. III, IV and exotic animals, the proposal will be considered by Technical Committee for approval or otherwise.

2. Training Programs: The Zoo Managers/Directors and the zoo keepers are the key functionaries in zoo management.

A two day work-shop is proposed for the Managers / Directors on 14th & 15th of May, 12.

Similarly, a one week training program is proposed for the zoo keepers including mini zoos and to be implemented before the next season i.e., Sep, 12.

The details will be worked out by MS in consultation with Dr B.R. Sharma.

3. Research Programs: It is felt desirable that zoos promote research programs, especially in collaboration with established institutions.

The research programs can be problem-oriented or academic in nature. MS will look into it and each case is to be put up to Technical Committee for approval.

Dialogue with Universities and ZSI can be initiated in this regard.

4. Master Plans: It is essential that all the zoos of the state should have CZA recognition and approved master plan. It appears that for several zoos, the master plans are yet to be approved. Initiative to be taken in this regard.

5. Tharakhali Satellite Zoo: The CZA has recognized the Tharakhali unit as the Satellite Zoo of the Alipore Zoo. The master plan and the Lay out were approved by CZA.

The tiger enclosures and other animal enclosures need the approvals of the CZA. Accordingly plans and designs are to be prepared and sent to the CZA before tendering and implementation. A field visit is proposed in the first week of May, 12. D.F.O to hold the tender till field inspection.

6. Alipore Zoo - some on-going works: Replies are to be sent providing clarifications regarding the food courts, leopard enclosure to CZA for design approvals.

Minutes are issued with the approval of the Chairman

S/d ??

Member Secretary

Documented by
 P. K. Sanyal
 15/4/14

Head Clerk
 Zoological Garden,
 Alipore

P. K. Sanyal 15/04/14
 DIRECTOR
 Zoological Garden
 Alipore, Kol-27

West Bengal Zoo Authority
Office of Zoological Garden, Alipore, Kolkata - 700027.

Minutes of the 2nd Technical Committee meeting held on 19th June 2012.

Members Present:

Sri S. B. Mondal, IFS, PCCF(WL) & CWLW, West Bengal & chairman.

Sri Alankar Jha, IFS, Director, Darjeeling Zoo.

Sri T. V. N. Rao, IFS Member Secretary WBZA

Sri Niraj Singhal, I.F.S. Director, Alipore Zoo.

Sri Gautam Chakraborty, Director Gorchumuk Deer Park

Sri Haque, Chief Engineer, WBZA.

Smt Piyali Chattopadhyay Dy. Director, Alipore Zoo.

Sri Susanto Bhattacharyya, Asst. Director Alipore Zoo.

Sri Brij Raj Sharma, IFS, CCF(N) has asked the leave of absence.

Following are the deliberations and decisions taken-

1. Master plans of Mini Zoos: Member Secretary informed that at the initiative of the WBZA for getting the approvals of all Master plans of Mini Zoos in the next 2/3 months. CZA is sending an officer for evaluation of the Gorchumuk Deer Park on 27th June 2012.

The Director of the park is asked to get the survey plan ready and also to submit the proposal for reduction of spotted deer from the present 78 to around 30 and shifting of lone Nilgai and the Black Buck. The sex ratio and the age of the spotted deer being retained to be taken into consideration.

One of the pre-requisites for the Master plan is the preparation and approval of the Master Layout plans.

Most of the Mini Zoos have prepared Master Plans but do not have Master Layout plans. So, it has been

..... 7
decided that ~~any~~ immediate steps should be taken to get the areas surveyed and digital Survey maps are generated.

The Kumari Kamshravathi Deer Park did not come for discussion.

2. Animal Exchange Program of Darjeeling Zoo.

a) Regarding the exchange of Red Panda, Snow Leopard and Satyr Tragopan, more detailed proposals are requested from Darjeeling Zoo.

b) After discussion, it has been decided that, in future, all proposals for exchange have to be provided with detailed note, especially covering the following, beside the information sought by CZA-

a) Confirmation of that the particular species is incorporated in the Master plans and the procurement plan of the Zoo.

b) Facility is available at the Zoo for that particular animal.

c) The Zoo has handling experience for that particular animal.

d) The specific need for the exchange.

e) The age and sex profile before and after the exchange.

f) The stages of clearances/permissions from different agencies concerned.

c) In the present context, in consideration of the proposals submitted by Darjeeling Zoo on confirmation by the Director, Darjeeling Zoo that facilities are available at the Zoo for these species, the Zoo has requisite and past expertise to manage these animals and necessary permissions will be obtained from the concerned agencies, the approval is accorded for —

- Slow Loris from Itanagar,
- Markhors from Augsburg, Germany & Moscow in exchange of Kalij Pheasant and Red Jungle Fowl,
- Langurs and Lady Amherst Pheasant from Raykot,
- rescued Goral from Kunja Nagar.

3. Schemes of Darjeeling Zoo: The Director has explained that these schemes are as per the Master Plan approved and proposals are being posed to the CZA and the State Government and will be taken up only after the fund sanction. Accordingly, the annual scheme is approved. However, no work should be taken up unless approved in the Master Plan of the Zoo.

4. Training Programs For Zookeepers: Instead of the 2 days training, it will be 5 day training program, to be held in the second week of July. It will be held at Darjeeling Zoo and the Alipore Zoo and the keepers will be allotted to the two centers as per the facilities of the specific animals concerned.

5. Procuring Snow Leopard from J & K: To maintain a requisite stock, introduce wild animal for genetic pool enrichment and breeding, it has been approved that J & K Government will be approached for exchange for Snow Leopard.

6. Misc. Issues:

2) Sherkhali Satellite Zoo: The enclosure layout plan for the tigers at Sherkhali with 2 zones instead of 3 is approved and M.S is asked

to approach the CZA for approval. To expedite the execution tenders can be floated but work order should be issued only after approval of the plan.

b) S. Khairbadi Rescue Center: Following decisions have been taken -

- i) to increase the leopard enclosure area from the present 5 acres to 25 acres.
- ii) prepare a plan for utilization of the tiger cages in future once the tigers expire.
- iii) examine the feasibility to provide Battery operated vehicles in PPP mode and if possible, first preference to be given to the Local FPCs.

c. Night-Safari at Darjeeling: Director, Darjeeling Zoo has briefed the committee that a proposal is received from the DGHC for preparation of DPR for the Night-Safari at Darjeeling. Approval is accorded to the proposal for preparation of the DPR. Provided the funding is done from the DGHC.

Minutes are issued with the approval of the chairman

S/d

Member Secretary WBZA

The minutes of the 2nd Technical Committee meeting are enclosed. The same may be approved.

S/d

Member Secretary

S/d

Chairman, Technical Committee WBZA &

Principal Chief Conservator of Forests wild life W.B.

Kelam
15/04/14

DIRECTOR

Biological Garden
Alipore, Kol-27

Submitted by
5/4/14

Head Clerk

Biological Garden,
Alipore

West Bengal Zoo Authority

Office of Zoological Garden, Alipore Kolkata - 700027.

The 3rd Technical Committee meeting of the WBZA was held on 17th August, 12 and the following members attended:

1. Sri S.B. Mondal, IFS, PCCF(WL) & CWLW West Bengal Chairman.
2. Sri B.R. Sharma, IFS CCF (WL-N)
3. Sri Alankar Jha IFS Director, Durgajeeing Zoo.
4. Sri Niray Singhal IFS, Director, Alipore Zoo.
5. Sri Haque, Chief Engineer WBZA
6. Sri T.V.N. Rao Member Secretary, WBZA
7. Sri Susanta Bhattacharya Asst. Director Alipore Zoo

Following are the deliberations and decisions taken:

1. Detailed discussion of deaths of Red Kangaroos at Alipore Zoo was held. It was decided that from now onwards, detailed planning ~~to~~ to be done before the import of any animals from abroad.
2. Plan for handling of the Lone Kangaroo at Alipore Zoo: the present Kangaroo at Alipore Zoo is aged around ~~10~~ 10 to 12 months old and should be managed very carefully. As it is a lone animal and very young, to reduce stress, it should be off display from public. A visual barricade should be erected in the front till it is fully acclimatized and old enough for public display. In the meantime, Director, Alipore Zoo should explore the possibilities of its rehabilitation and pairing including exchange of the animal with Indian or foreign Zoos.
3. Animal Exchange Programs for Alipore Zoo to fill up vacant enclosures:

as per the report of Director, Alipore Zoo, 16 cages of birds are lying vacant at Alipore Zoo. He proposes to procure through legal sources - Silver Pheasant, Kalij Pheasant, Lady Amherst Pheasant, Reeve's Pheasant, Chimpanzee, brown antlered deer (2 females for breeding), rhino (female for pairing), Leopard cat (new), stump tailed monkey (new), Jaguar (existing aged). As the list of empty enclosures & excess animals available submitted is not exhaustive, Member Secretary is authorized to finalize this list.

Director, Alipore Zoo is directed initiate a dialogue with other zoos and Secretary WBZA to closely monitor ~~the~~ the issue.

4. Completion of food Court at Alipore:

The Committee is apprised that the location of the food Court was approved by CZA in the master layout plan in 2009 and accordingly, the work was started. Subsequently, work was stopped as CZA has asked for the same. Director, Alipore has written a detailed letter to CZA explaining the situation. No reply is received from CZA till now.

As Substantial fund was already been spent on the work, it was decided to go ahead with the work for early completion. Member Secretary will inform the same to CZA and take necessary steps to re-start the work and for early completion.

5. Development of North Bengal wild Animal Park near Siliguri:

The issue was deliberated. The idea was appreciated as it will reduce pressure of tourism on N, P's and sanctuaries and it was decided to go ahead with national tender for master plan preparation and take the issue to the G.B for further decision.

6. Filling up of posts of Zoo keepers in Alipore & Darjeeling Zoos.

The Committee has been apprised that Darjeeling Zoo has 8 vacancies against 14 sanctioned posts and Alipore Zoo has 19 vacancies against 66 posts of Zoo keepers. Enough the existing staff, though experienced, are quite aged and it is required to infuse young people.

It has been felt that Zoo Keeper post is a very important professional post requiring lot of technical expertise and it is advisable to have permanent staff holding the post. At present, several of these posts are being manned from out sourcing agencies and training of casual and temporary persons is not feasible. So, the technical committee has recommended that these vacant posts of Zoo keepers should be filled up as per the latest guide-lines of qualification of CZA and the G.B to deliberate in this regard.

7. Status and Strategy for preparation of Master Layout and Master plans for different Zoos:

Member Secretary apprised the present position where-in, no Zoo in West Bengal has approved Master plan, an except for Alipore and Darjeeling Zoos.

To expedite, 'Total Station Survey' of all mini zoos has just started and expected to be completed by Oct, 12. Simultaneously, tender was called from existing panel of Architects for Master Layout plan preparation and the work will be taken up after necessary technical input to these architects. The Technical committee has approved the same and suggested for early completion of the Master plans.

8. Loaning for a Snow leopard from H.P. for breeding at Darjeeling Zoo. The proposal of Darjeeling Zoo was approved subjected to all necessary approvals from competent authorities.

9. Release of Red Panda in Singhalila N.P. -
The proposal of Darjeeling Zoo was approved subjected to all necessary approvals from competent authorities.

10. Collaborative breeding program between Darjeeling and Gangtok zoos for Red Panda & Snow leopard.

The proposal of Darjeeling Zoo was approved subjected to all necessary approvals from competent authorities.

The minutes are being issued with the approval of the Chairman of the Committee.

S/d

Member Secretary WB Zoo Authority

Kumar 18/04/14

DIRECTOR
Zoological Garden
Alipore, Kol-27

Documented by:-

Shantanuj
18/04/14

Head Clerk
Zoological Garden,
Alipore

West Bengal Zoo Authority
2 Alipore Road, Kolkata - 700027.

The minutes of the 4th meeting of Technical Committee held on 31.08.2012.

The 4th Technical Committee meeting of the WBZA was held on 31st August, 12 and the following members attended:

1. Sri S. B. Mondal, IFS PCCF (WL) & CWLW
W. B. Chairman.
2. Sri B. R. Sharma IFS CCF (WL-N)
3. Sri T. V. N. Rao IFS Member Secretary, WBZA
4. Sri Niraj Singhal IFS Director, Alipore Zoo.
5. Sri Haque, Chief Engineer, WBZA.
6. Sri Susanta Bhattacharya ASST Director, Alipore Zoo.

Following are the deliberations and decisions taken:

Agenda - 1.

The Committee discussed about exchange of Giraffe with 2 (two) Jaguar of Hyderabad Zoo and felt that Giraffe is more valuable animal and the scope to exchange Giraffe with valuable animal like chimpanzee etc should be explored with other zoos of the country. The list of animals that the Zoological Garden, Alipore along with the surplus animals should be put in the website immediately and initiate dialogue with other zoos accordingly. For the time being, the exchange with Jaguars should be put on hold.

Agenda - 2.

The committee has advised that for breeding purposes of white Tigers, instead of Giraffe, exchange with other tigers of the other zoos should be explored.

Agenda - 3:

The committee has approved the transfer of birds - Silver Pheasant (1:1), Kaliz Pheasant (2:2) Lady Amherst Pheasant (1:1) from Darjeeling to Alipore Zoo.

Miscellaneous Agenda - 1:

The committee has advised to explore the possibilities of transfer of Brow Antlered Deer from Delhi Zoo to Alipore Zoo and Director, Alipore Zoo, is asked to initiate the dialogue immediately.

Miscellaneous Agenda - 2:

The committee advised to explore the possibility of procuring rescued Rhinos from North Bengal to Alipore Zoo and initiate dialogue with wild life wing. Forst Dept. W.B.

The minutes of the meeting may be approved.

S/d

Member Secretary

S/d

Chairman, Technical Committee.

Documented by: -
Shakamoy
17/04/14

Head Clerk
Zoological Garden,
Alipore

Kolm 19/04/14
DIRECTOR
Zoological Garden
Alipore, Kol-27

West Bengal Zoo Authority
 2, Alipore Road, Kolkata - 700027.
 Phone: 033 24791150/24399391 Fax 033-2479 1585
 E. Mail: wbzooauthority@yahoo.in

Ref

Dated

From

T. V. N. Rao IFS
 Member Secretary

To

Principal Chief Conservator of Forests (WL) West Bengal
 Dr. B. R. Sharma IFS, CCF (WL-N)
 Director, Darjeeling Zoo.
 Director, Alipore Zoo
 Ex-officio Directors, Mini Zoo

Sub: Minutes of the 4th Technical Committee Meeting
 of WBZA held on 31st August 2012.

Sir,

Please find enclosed the minutes of the 4th
 Technical Committee Meeting of the WBZA held
 on 31st August 2012, as approved by the Chairman
 of the Committee. You are requested to take
 necessary action on the decisions taken.

T. V. N. Rao - IFS
 Member Secretary

Copy forwarded for kind information to.
 Addl. Chief Secretary, Dep of Forests West Bengal
 for kind information.

T. V. N. Rao - IFS
 Member Secretary

Minutes of the meeting of the 5th Technical Committee held on 9th November 2012

The meeting was attended by:

Sri S. B. Mondal, IFS, PCCF (WL) & CWLW, West Bengal, Chairman.

Sri B. R. Sharma IFS, CCF (WL-N),

Sri Alankar Jha, IFS Director, Darjeeling Zoo,

Sri T. V. N. Rao, IFS Member Secretary WBZA

Sri K. L. Ghosh IFS, Director, Alipore Zoo,

Sri Haque, Chief Engineer, WBZA

Sri Ujjwal Bhattacharya, Technical officer, WBZA also attended the meeting.

Following are the deliberations & decisions taken:

1. Qualification criteria for Zoo Keepers for filling up posts in Alipore & Darjeeling:

For the recruitment of 'Zoo Keepers' to fill up the vacant posts in Alipore Zoo + Darjeeling Zoos, the following criteria are finalized.

- Age 18 to 37 years with 5 yrs relaxation for SC/ST and 3 yrs relaxation for OBC.

Educational qualification is Matriculation or equivalent,

Experience of mini of 1 year in Zoo or Circus in handling wild animals in captivity.

Method of Recruitment: Interview.

Probation will be 2 years from date of joining.

Selection Board to constitute 3 members - MS WBZA, Director, Darjeeling Zoo and Director Alipore Zoo.

2. Release of excess spotted deer of the Zoos into the wild as indicated below. Wild life wing to be

After due consideration, it has been decided to release excess spotted deer into the wild as indicated below. Wild life wing to be approached for necessary action.

S.LNO	Name of MINI ZOOS	Sex Composition	Total	To be retained	To be released	Fig in Animal collection plan
01	Rasik Beel Kholta	20+14+6	40	15	25	upto 40
		2+6+0	8	8	-	
02	Ramnabagan Deaul-1	16+18+0	34	15	19	upto 30
		15+29+5	49	15	27	
		Deaul-2	-	-	-	
03	Jhargram	20+45+15	80	15	65	No fig
04	Kumazi Kannshabati	NA	35	15	20	upto 100
05	Suru lia	21+16+3	40	15	25	upto 30
06	Adina	36+34+0	70	15	55	upto 60
07	Garchumuk	-	78	15	63	No fig

3. Exchange of the Sambar Stock between Zoos:

After detailed deliberations, it was decided that (2+2) Sambar to be shifted to Ramnabagan from Kholta of Rasikbheel and (2+1) to be shifted from Lataguri Deer park to Jhargram; Subjected to availability of enclosures.

4. Discussion regarding no. of Leopards:

After detailed deliberations, it was decided that (1+0) Leopard to be shifted from S. Khairbadi to Ramnabagan (0+2) from Rasikbheel to Ramnabagan, (1+0) from S. Khairbadi to Kunjanagar, subjected to availability of enclosures and CZA clearance.

5. Bears in the Zoos of W. B. & Scope for exchange:

After detailed deliberations, 2 female sloth bears to be shifted from Jhargram to Ramnabagan, subjected to availability of enclosures and CZA clearance.

6. The Creation of posts of Zoo Keepers in Mini Zoos.

For technical management of the mini-zoos in the state, the technical committee has recommended to the G. B. for creation of the following zoo keeper posts - Rasikbheel (4 no), Kunjanagar (4 no) S. Khairbadi (4 no) Ramnabagan (4 no) Jhargram (4 no), Kumari Kanshravathi (2 no) Surulia (2 no) Adina (2 no), Garchumuk (2 no) Jharkhali (2 no) i.e. a total of 30 Zoo Keepers.

7. The appointment of Zoo Superintendents for Mini Zoos.

For proper administration of the mini-zoos, it is resolved to recommend recruitment on

Contract, 8 Zoo Superintendents - Rasikbheel (1 no) Kunjanagar & Khairbadi (1 no) Ramnabagan (1 no) Jhargram (1 no) Kharsravathi & Surulia (1 no) Adina (1 no) Ganchumuk (1 no) and Jherkhali (1 no) These staff may be recruited from on Contract from the retired-range officers or Dr/ Fr of West Bengal Forest Department.

8. Appointment of a Veterinary Compounder on contractual basis for Pheasant Breeding Center at Dowhill Kurseong.

The satellite zoo or Pheasant-Breeding Center at Dowhill is partly operational and with the completion of the Pheasant, it is going to be fully operational. Currently, a retired veterinary compounder of the park is engaged for taking care of the health of the animals and birds there.

Now, it is recommended to recruit a veterinary compounder on contractual basis for better management and health care of the animals and birds there.

9. Creation of a Rescue Center at Darjeeling for captured wild animals by wildlife wing.

The PNHZ park has been receiving animals from the wild life for treatment many a times.

These animals are highly effected with ^{ecto-}parasite and ^{endo-parasite} diseases and are hazardous to the zoo animals:

It is recommended that a hospital/rescue center be created where such animals can be treated by the doctor of the park away from the sanitized

atmosphere from the Zoo.

10. Import of Snow Leopard as Gift from Jihlava Zoo of Czechoslovakia.

The PNHZ Park has proposed into import of another female Snow Leopard from Jihlava Zoo of Czechoslovakia. The Czech Zoo has agreed to donate the animal to the Park. The park is to bear the cost of transport only. Necessary proposal is being mooted to CZA. The Technical Committee is requested to approve the exchange.

11. Exchange or Release of Barking Deer:

After detailed deliberation, it was decided that -

(4+2=6) are proposed to be shifted from Lataguri to Kunjanagar.

(2+2=4) are proposed to be shifted from Alipore Zoo to Jhargram.

(5+5=10) are to be released from Darjeeling Zoo into the wild.

12. Approval of Master plan of Rasikbheel & Kunjanagar:

After detailed deliberations, the Master Layout plans of Rasikbheel and Kunjanagar are approved.

13. The Bear Enclosure of the Ramnabagan Zoo

The 6th Bear enclosure of Ramnabagan is approved and recommended to send the same to CZA for approval.

14. Status report of Jharkhali Satellite Facility:

14. The M.S. has briefed that during the recent discussions, CZA has maintained that the present Master Lay out-plan of Jharkhali was not approved and asked WBZA to submit the same afresh for consideration. After deliberations, it was decided in the technical Committee that the balance works of Jharkhali to be kept pending till approval of the Master Layout plan and all efforts to be made for early completion of the MLP.

The minutes may kindly be accepted.

s/d

Member ~~Secretary~~ Secretary

Chairman WBZA Technical Committee &
Chief Wild life Warden, West Bengal.

Documented by:-

Chakrabarty
20/04/17
Zoological Garden,
Alipore

K. M. Roy 20/04/17
DIRECTOR
Zoological Garden
Alipore, Kol-27

Minutes of the 6th Technical Committee meeting held on 21st Feb 2013.

The meeting was attended by:
Sri S. B. Mondal IFS, PCCF (WL) & CWLW West Bengal, Chairman.

Sri Alankar IFS Director, Darjeeling Zoo.

Sri T. V. N Rao, IFS, Member Secretary WBZA

Sri K. L. Ghosh, IFS Director, Alipore Zoo.

Sri Haque, Chief Engineer, WBZA,

Sri Ujwal Bhattacharya, Technical officer, WBZA

Following are the deliberations & decisions taken.

Agenda 1:

Sub: - Status report on North Bengal Safari Park at Siliguri.

The draft zonal map of the Safari park submitted by the consultant was discussed and the same was approved with following suggestions and modifications:

- a) Elephant should be deleted from the scope of Safari.
- b) The number of zones to be reduced to 4 - for tiger, bear, leopard and herbivores.
- c) Instead of 2 separate routes, there should be only one.
- d) Jackal to be included in the carnivoral enclosure.
- e) Pollinator garden to be deleted from the scope.
- f) The river should be included in the Safari zone.

Agenda - 2.

Sub: Master Layout plans for Surulia, Adina, Thargum Mini zoos.

MS explained that Surulia and Adina master layout plans are sent to CZA for approval. Reply is awaited.

MS explained that in the last meeting, CZA expressed willingness to increase the collection list of Thargood Zoo and accordingly asked for the master layout plan to be prepared. The plan is under preparation and will be submitted.

Agenda 3:

Sub: Master layout plan for Rasikbeel, Kunjangan and Garchamuk.

** CZA insisted that Rasikbeel and Kunjangan are only approved as rescue centres. The Master layout plan of Kunjangan was approved in principle with corrections. The same is being sent to CZA for approval.

CZA asked for shifting of leopard from the Rasikbeel. The Master layout plan was approved in principle with modifications. The revised map is being sent to CZA for approval. ** (Contd.)

The Master layout plan of Garchamuk was approved in principle with some modifications. The correct map is being sent to CZA for approval.

Agenda 4:

Sub: Design of Lesser cat enclosure at Alipore.

The revised design of lesser Cat Enclosure was sent to CZA. Reply is awaited.

CZA insisted to keep the animals of this lesser Cat enclosure off display. CZA is to be re-approached for consideration of the same.

Agenda: 5:

Sub: Rejection of CZA for Bear and Leopard at Ramnabagan.

MS explained that CZA had sent a letter directing shifting of bear and leopard from Ramnabagan. It was decided in the meeting to re-approach to CZA for reconsideration of the decision.

Agenda 6:

Sub: The plan schemes of Darjeeling, Alipore and Mimi zoos.

The Plan Budget of WBZA for year 2013-14 was discussed. It was decided that a plan proposal of Rs 7 Crores to be recommended for WBZA with 2 crores each for Darjeeling and Alipore Zoo and the rest for remaining zoos.

Agenda 7:

Sub: Recommendations regarding Tharkhali & decongestion plan for Alipore Zoo.

It has been decided that the existing ongoing works of Tharkhali to be completed as transit facility for recovering Sundarban tigers.

The Decongestion plan of Alipore Zoo as submitted by Director Alipore was approved and M.S. may approach the CZA accordingly.

Agenda 8

Sub: Transfer of 2 (two) Nos. Snow Leopard (Female) from Leipzig Zoo to PNHZP, Darjeeling. The same has been approved subjected to approval of CZA and other authorities.

Agenda 9:

Sub: Future course of action about rescued with male elephant calves presently kept at Jharagram Mini Zoo.

The rescued elephant calves at Jharagram are proposed to be shifted to Jaldapara.

However, Director, Alipore Zoo has been suggested to interaction with other international zoos for exchange of animals against elephant, the same to be provided from the captive stock of Jaldapara.

Agenda 10

Sub: Engagement of clearing Agency for transportation of animals between different zoos.

It has been decided to explore the possibility of creating a panel of clearing agencies for handling the exchange of animals between zoos concerning WBZA. Detailed specifications of job are to be drafted by MS in consultation with the Directors Darjeeling and Alipore zoos.

Agenda 11.

Sub: Modification/addition of species in collection plan of PNHZ Park, Darjeeling.

The modification in collection plan of Darjeeling as submitted was approved for forwarding to CZA for consideration.

Agenda 12

Sub: Release of spotted deer from different zoos of the State.

Translocation and release of spotted deer from the existing zoo stock into the wild was

discussed. It was decided the same should be taken up in the next season. Required fund will be provided from WBZA.

The minutes may be approved.

s/d

Member Secretary

s/d.

Chairman WBZA &
CWL W West Bengal.

Documented by.

[Signature]
20/04/17

Zoological Garden,
Alipore

[Signature] 20/04/17

DIRECTOR
Zoological Garden
Alipore, Kol-27

West Bengal Zoo Authority

2, Alipore Road, Kolkata - 700027
Telephone: 03324399391 / 2479-1150
E. Mail ID wbzooauthority@yahoo.in

27

Minutes of the 7th Technical Committee Meeting
held on 26th June 2013.

The meeting was attended by:

Sri N. C. Bahuguna IFS, PCCF(WL) & CWLW
West Bengal & Chairman.

Sri Alankar Jha, I.F.S. Director, PNHZP, Daryedhly
Dr. B. R. Sharma I.F.S Member Secretary, West Bengal
Zoo Authority.

Sri V. K. Yadav, IFS Director, Zoological Garden Alipore.

Dr. Subhas Bose, Director, Animal Resource Develop-
ment Dept, GOWB

SK Md. Saiful Haque, Chief Engineer WBZA.

Sri Ujjal Bhattacharya, Technical officer, WBZA

Following are the deliberations & decisions taken:

Agenda - 1.

Sub: Status report and draft DPR of North
Bengal Animals Park at Siliguri.

Ashfaqe Ahmed Consultancy Services Pvt. Ltd., Nagpur
Consultant of the project had given a power point
presentation before the Technical Committee regarding
the draft DPR of the proposed North Bengal Animals
park at Siliguri. After elaborate discussion, draft DPR
of the project was accepted in principle by the Committee
with the following suggestions and modifications.

1. Theme of the project should be narrated elaborately;
the park should be a showcase of flora and fauna of
North Bengal.

2. The mode of use of elephants in elephant-safari
should be as per the norms of elephant use.

3. Area of the parking should have the capacity to accommodate all vehicles in peak tourist season.
4. Unnecessary cement construction work should be avoided; locally available materials should be used to keep the safari natural.
5. Population of Rhino should be 2:5
6. Golden Cat to be included in smaller cat trail, including mongoose and porcupine.
7. Protection work of river embankment and rain water harvesting scope to be included.

Agenda - 2.

Sub: Master layout plan for Surulia, Adina and Thargram Mini Zoos.

MS explained the present status of Master Layout Plan of Surulia, Adina and Thargram Mini Zoos. It was decided to take follow up action to get the approval from CZA.

Agenda - 3.

Sub: Master plan recommendations of CZA for Rasikbeel, Kunjanagar and Garchumuk. MS explained the present status of Master Layout Plan of ~~Surulia, Adina and~~ Rasikbeel, Kunjanagar and Garchumuk Mini Zoos. It was decided to take follow up action to get the approval from CZA.

Agenda - 4.

Sub: Design of Lesser Cat enclosure at Alipore. Director, Alipore Zoo explained that the modified design of Lesser cat enclosure at Alipore Zoo has been approved by CZA, after discussion it was decided to complete the remaining work of the enclosure early for Commission the same.

Agenda - 5.

Sub: Transfer of Leopard from Khaizbari/Rasikbeel to Alipore Zoo.

After due consideration it was decided to shift 1:1 Leopard from Rasikbeel Mini Zoo/South Khaizbari Rescue Centre to PNH ZP, Darjeeling and shifting of leopard to Alipore Zoological Garden, Alipore from Rasikbeel Mini Zoo/South Khaizbari Rescue Centre shall be taken up after completion of new Leopard enclosures in Alipore Zoo.

Agenda - 6.

Sub: Exchange of animal between zoos of West Bengal.

After detailed deliberation it was decided that Exchange of animal between zoos in West Bengal may be carried out as per the needs in view conservation requirement.

Agenda - 7.

Sub: Status report of Jharkhali Transit Facility.

After detailed deliberation in the Technical Committee the proposal for maintaining Jharkhali as a transit facility only was approved. The proposed constructional work should be finished early. DFO, South 24-Parganas Division shall supervise the construction work as well as its later maintenance and upkeep.

Agenda - 8.

Sub: Release of Red Pandas in Singalita National Park from Darjeeling Zoo.

After detailed discussion, proposal for release of 2 nos. Red Panda in Singalita N.P. from PNH ZP,

Darjeeling was not approved by the Technical Committee and kept pending for further discussion.

Agenda - 9.

Sub: Status report for commissioning incomplete leopard enclosure in Alipore Zoo.

After detailed discussion the modified plan of leopard enclosures in Zoological Garden, Alipore has been approved. The modification has been made as per the suggestion of C.Z.A. Approved plan need to be sent to C.Z.A for approval prior to taking up execution of modification work. All the surplus iron structures of the under construction leopard Enclosures would be used for the other constructional works of Alipore Zoo.

Agenda - 10.

Sub: Preparation of manual of Pug Mark of Zoo animals, proposed by Nature Environment & Wildlife Society, Kolkata.

Proposal of Nature Environment & Wildlife Society, Kolkata regarding preparation of manual of life size pug mark of animals of Zoological Park, Alipore and PNHZP, Darjeeling along with the opinion of Director, Alipore Zoo and Director, Darjeeling Zoo was placed before the Technical Committee. After elaborate discussion the proposal was approved.

NEWS may be asked to pay the charges of daily labour provided by the PNHZP, Darjeeling during their field visit.

Agenda - 11.

Sub: Modification of Elephant enclosure in Alipore Zoo.

Ms explained the Present status of elephant enclosure of Alipore Zoo and the decision of Stakeholder consultative meeting on "elephant up-keeping in zoo" of CZA. After detailed deliberation, decision has been taken to shift existing 3 nos. elephants of Alipore Zoo to Jaldapara WLS/ Gorumara NP, and 2 nos. elephant will be brought from Gorumara NP/ Jaldapara WLS along with trained Mahuts after modification/ extension of existing elephant enclosure of Alipore Zoo as per guideline of CZA.

Agenda - 12.

Sub: Release of excess Spotted Deer of different zoos.

After detailed discussion it was decided that the possibility of translocation and release of huge quantity of Spotted Deer from different mini zoos into the wild is decided in the 5th and 6th Technical Committee meeting will be explored.

Agenda: 13.

Sub: Animal exchange programme of Darjeeling zoo.

After detailed discussion, the proposal of animal exchange programme of PNHZP, Darjeeling was approved by the Technical Committee for taking further actions by the Director PNHZP.

Agenda - 14.

Sub: Proposed organisational chart of Zoological Garden, Alipore, Kolkata.

MS explained the necessity for organisational modification of Zoological Garden, Alipore for better and effective zoo management. A chart was placed before the Committee. It was decided that "Bahuguna Committee" Report of reorganisation of Zoological Garden, Alipore and PNHZP, Darjeeling also needed to be considered for finalisation of the same.

Agenda - 15.

Sub: Engagement of Zoo Volunteers.

After detailed discussion it was decided to explore the possibility of engagement of zoo volunteers in zoos as per the guideline of CZA (if any).

Agenda - 16.

Sub: Training of animal handlers.

Director, PNHZP, Darjeeling explained the needs of training of animal handlers for better management. It was decided that the training will be conducted by the Director, PNHZP, Darjeeling for all zoos and mini zoos of North Bengal and Director ZGA, Alipore for all zoos and mini zoos of South Bengal.

Agenda - 17.

Sub: Tranquillisation of animals.

Director, Alipore Zoo explained that due to want of skilled tranquillisation person, management of the zoo

face problem during the treatment of animals. He also suggested to arrange training of some zoo staff for this purpose. Technical Committee decided that wildlife institute of India may be requested to provide training on the subject to the zoo staff. MS requested to chalk out a programme.

Agenda - 18.

Sub: Conversion of Marble Palace Zoo, Kolkata into heritage zoo.

MS explained that Marble place zoo, Kolkata is one of the oldest zoo of India which was established in the year 1854 and still functioning from the same site. Being the oldest one with a beautiful museum in the palace, it has heritage value. This zoo may be converted into heritage zoo. CZA also intends to convert this zoo into heritage zoo and ready to provide all financial assistance. WBZA will provide all technical support for the purpose. After elaborate discussion, Technical Committee principally approved the proposal with direction to explore the possibility.

Agenda - 19.

Sub: Management of Bethuadahari Deer park and other similar facilities in State.

Chairman Technical Committee, explained the needs of handing over the management of Bethuadahari Deer park and other similar facilities in West Bengal to WBZA for better management. Technical Committee agreed in principle and asked MS/WBZA to ~~expressed the need of framing rules~~

Contd.

explore the possibilities regarding the same.

Agenda - 20

Sub: Adoption of Zoo animals.

The adoption of Zoo Animals was approved in 6th Governing Board Meeting of WBZA. MS expressed the need of framing rules and terms and conditions of adoption. After discussion, it was decided that rules and norms as framed would be placed in Technical Committee for approval.

The meeting ended with vote of thanks.

The minutes may be approved.

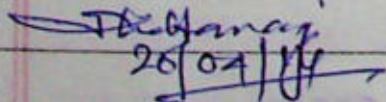
s/d

Member Secretary

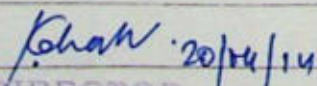
s/d.

Chairman, Technical Committee,
WBZA & CWLN, West Bengal.

Documented by: -


20/04/14

Head Clerk
Zoological Garden,
Alipore

 20/04/14
DIRECTOR
Zoological Garden
Alipore, Kol-27

Minutes of the 8th Technical Committee Meeting of West Bengal Zoo Authority, held on 16th August 2013 at Conference Hall at Bikash Bhawan

The following members and special invitees attended the meeting.

1. Sri N.C. Bahuguna IFS, PCCF, Wildlife & CWLW, West Bengal - Chairman.
 2. Sri Pradeep Shukla IFS - Special Invitee
Addl. PCCF & Director, Sunderban Biosphere Reserve.
 3. Dr Brij Raj Sharma IFS, Member Secretary WBZA
 4. Dr Subrata Mukherjee IFS Project Director / ICZM
special invitee.
 5. Dr Kanailal Ghosh IFS Director, Zoological Garden, Kolkata - Member
 6. Dr S. Bhattacharjee
Asst. Director, Animal Resource Development Dept.
- Member.
- (on behalf of Director ARDD)
7. SK Md Sahidul Haque - Chief Engineer WBZA
Member.
 8. Sri Ujjal Bhattacharya - Technical officer
W.B.ZA - Member.

Sri A.K. Jha, IFS, Director, Padmaja Naidu Himalayan Zoological Park, Darjeeling has sought the leave of absence and was granted.

Following are the deliberations and decisions taken:

Agenda No-1. Relocation of Kunjanagar Rescue Centre as North Bengal Wild Animals Park near Siliguri.

After elaborate discussion, Technical Committee agreed in principle to relocate Kunjanagar Rescue Centre at North Bengal Wild Animal Park at Dabgram 1-4 compartment near Siliguri. Committee further advised Ms, WBZA to approach North Bengal Development, Tourism and Forest Departments Govt. of West Bengal for keeping provision of funds for establishment of North Bengal Animal Park near Siliguri in coming years.

Agenda No. 2. Construction of Nature Interpretation Centre at Jharkhali in the proposed Sunderban Wild Animals Park, Jharkhali.

The committee discussed the issue in length and decided that the proposed Nature Interpretation Centre at Jharkhali may be established over the land adjacent to the existing staff quarter which is under possession of Sunderban Development Board (SDB) or any other suitable place adjacent to Tiger enclosure at Jharkhali. It is further decided that Art College under CUNSCM and ZSI may be approached for preparation of concept plan. Project Director, ICZM has assured for funding of Rupees 1 Crore for this project. Tender procedure of the work has to be completed by October 2013.

Agenda No-3

Functioning of Deer park ~~as~~ park as a part of the Eco PARK at Hiji.

The committee discussed the issue and advised that the Deers of Eco park at Hijli may be ~~kept~~^{kept} off display till relocation of Deer of Eco park is done.

Agenda No-4.

Approval of rates of Annual Membership and Lifetime Membership of Zoos.

The committee recommended the proposed rates (Rs 2500/- annually and Rs 25000/- life membership) for Annual Membership and Life Membership of Zoological Garden, Alipore along with the rules of Membership.

Agenda No-5.

Proposal for filling up of vacancies of Key Mandatory posts, such as Curator, Veterinarian, Biologist, Education officer etc. in Zoological Garden, Alipore.

The committee discussed about creation and filling up different posts such as Scientific officer/wild life Biologist, Education officer for Scientific Management and research in Zoological Garden, Alipore, Kolkata. Committee felt the necessity of engagement of qualified and eligible candidate for above mentioned posts, and suggested that Research Scholars may be considered as Scientific officer/wild life Biologist, Education officer may be deputed through outsourcing.

For filling up the vacant post of veterinary officers, Director/ARDD may be requested to post veterinarian on deputation basis from Animal Resource Development Dept# (ARDD).

The committee has further advised to approach wild life Institute of India for initiation of Research Project in Zoological Garden Alipore.

Agenda No-6.

Proposal for establishment of Deer Park at Digha Under Digha-Shankarpur Development Authority.

The Technical Committee advised the Member Secretary of WBZA to analyse the proposal in the light of CZA's guidelines for such cases and take further necessary action accordingly.

The meeting ended with vote of thanks.

The minutes may be approved.

s/d

Member Secretary
West Bengal Zoo Authority

s/d

Chairman, Technical Committee WBZA &
PCCF Wildlife & CWLW, West Bengal.

Documented by:
Pattanayak
Head Clerk
Zoological Garden,
Alipore

Kelum
30/05/17
DIRECTOR
Zoological Garden
Alipore, Kol-27

2. Alipore Road Kolkata - 700027.

Telephone 033 2449-0035

E, Mail ID: wbzooauthority@yahoo.in

Minutes of 9th Technical Committee Meeting of W.B.Z.A. held on 19.11.2013.

Sri N. C. Bahuguna I.F.S. Principal Chief Conservator of forests, wildlife & chief ~~conservator of forests~~ ~~in~~ Wildlife Warden, West Bengal, chaired the meeting. The following members attended the meeting.

1. Sri A.K. Jha I.F.S. Director, Padmaja Naidu Himalayan Zoological Park, Darjeeling.
2. Dr. Brij Raj Sharma I.F.S. Addl. Principal Chief Conservator of Forests, South-West.
3. Sri T. V. No Rao, I.F.S. Member Secretary, West Bengal Zoo Authority.
4. Dr. K.L. Ghosh, I.F.S. Director, Zoological Garden Alipore.
5. Sri Ujwal Bhattacharya, Technical officer West Bengal Zoo Authority.
6. Sri Sunanta Bhattacharya ASST Director, Zoological Garden Alipore.

The following are the deliberations and the resolutions taken in the meeting.

Resolution — 1.

Sub: Release of excess spotted deer of zoos into the wild.

The proposal submitted for the release of excess Spotted deer from the mini zoos of West Bengal into the wild has been considered and has been resolved that it is not proper to release the excess deer into the wild without any detailed Scientific study. So to control the increase in population of the Spotted deer in zoos, the numbers should be phased out gradually by controlled breeding through segregation of sexes / sterilization.

Resolution 2.

Sub: Status of elephants at Alipore Zoo.

The current status of retaining elephants of Alipore Zoo was examined and it has been resolved that one elephant should be shifted from Alipore to Jaldapara immediately to fulfil the condition of CZA to reduce the number of elephants at Alipore to 2.

It was also decided to increase the area of the enclosure including the existing water body into the enclosure.

Resolution 3.

Sub: Proposal of breeding program at Alipore Zoo.

The breeding programme of Bengal Tiger and Indian Lion as proposed has been approved. The Director has been advised to follow the guidelines of CZA and examine the pedigree stock book. Proper steps should be taken for acquaintance of animals before proper mating is allowed.

The proposal of breeding of Leopards to be kept pending.

Resolution 4.

Sub: Exchange of animals between Alipore and Hyderabad Zoo.

The animal exchange programme between Alipore Zoo and Hyderabad Zoo have not been approved as the Jaguar proposed to be received from Hyderabad is single. The Director is advised to examine the scope to get a pair of different sexes.

Resolution 5:

Sub: Exchange of animals proposed by PNHZP Darjeeling.

The proposed exchange of animals proposed by PNHZP as given below is approved.

Name of the Zoo and animals to be given		Name of the Zoo and the animals to be given		Remarks
Padmeja Naidu Himalayan Zoological Park Darjeeling		Himalayan Nature park Kufri		
Bluesheep (<i>Pseudois nayaur</i>)	1:1	Himalayan goral (<i>Nemorhaedus goral</i>)	0:1	Exchange of gene pool, breeding and exhibit.
Himalayan Wolf (<i>Canis lupus himalayensis</i>)	0:3	Cher pheasant (<i>Catreous wallichi</i>)	2:2	
Himalayan Goral (<i>Nemorhaedus goral</i>)	1:1	Himalayan Monal (<i>Lophophorus impejanus</i>)	1:1	

Name of the Zoo and animals to be given	Name of the Zoo and the animals to be given	Remarks
P.N.H. Z.P. Darjeeling	Pandit Gobind Billabh panth High Altitude Zoo Nainital	
Blue Sheep (Pseudois nayaur)	1:1	
	Himalayan Goral (Nemorhaedus goral)	1:1
	Cheer Pheasant (Catrem wallichi)	1:1
	Lady Amberst's pheasant (Chrysolophus amherstiae)	2:2

Resolution 6.

Sub: Engagement of Scientific officer & Education officer.

In continuation of the approval of the Governing Body, it has been decided that the remuneration and qualification of the 2 posts each on contract in Alipore Zoo and Darjeeling Zoo will be as follows.

- 1) Scientific officer Rs 18000/- with 10% annual increase
- 2) Education officer Rs 18000/- with 10% annual increase

Eligibility Criteria : Minimum qualification of Master's Degree in Zoology or wild life or life sciences from a recognised University or equivalent Experience of working Zoo/WL Sant Sanctuary / National Park / Natural History Museum shall be desirable.

Resolution 7:

Sub: Transfer of birds from PNHZP, Darjeeling to mini zoos of west Bengal.

The proposal for transfer of following birds from Darjeeling to other mini zoos is approved.

Jhargram Mini Zoo - Kalij Pheasant --- 2 Nos

- Red Jungle Fowl 2 Nos

Rasikbeel Rescue Centre

- Golden Pheasant 1:2.

The minutes have the approval of the Chairman, T.C., W BZA and CWLW, W.B.

S/d.

Member Secretary

Documented by:

[Signature]
31/05/14

Zoological Garden,
Alipore

[Signature] 31/05/14

DIRECTOR
Zoological Garden
Alipore, Kol-27

Minutes of the 10th meeting of the Technical Committee of the West Bengal Zoo Authority held on 23rd April 2014 at Bikash Bhawan, Kolkata.

10th meeting of the Technical Committee of the West Bengal Zoo Authority was held on 23rd April 2014, in the office chamber of the PCCF, Wildlife & CWLW, West Bengal. The meeting was chaired by Shri Ujjwal Bhattacharya, IFS, PCCF, Wildlife & CWLW, West Bengal and Chairman, Technical Committee, West Bengal Zoo Authority. Following members/officers attended the meeting.

1. Shri Ujjwal Bhattacharya, IFS, PCCF, Wildlife & CWLW, WB & Chairman, Technical Committee, West Bengal Zoo Authority — Chairman.
2. Dr. S. C. Bose, Director, Animal Husbandry & Veterinary Services, West Bengal — Member.
3. Shri A. K. Jha IFS, Director, Padmaja Naidu Himalayan Zoological Park — Member.
4. Dr. K. L. Ghosh — IFS — Director Zoological Garden Aizore — Member.
5. Dr. B. R. Sharma, IFS, Addl. PCCF/PGLI & Member Secretary, West Bengal Zoo Authority — Convenor.
6. Shri U. K. Bhattacharjee — Technical officer, West Bengal Zoo Authority — Member.
7. Md. S. Haque — Chief Engineer, West Bengal Zoo Authority — Member.

Confirmation of the minutes of the 9th meeting of the Technical Committee, of West Bengal Zoo Authority held on 19.11.2013.

Minutes of the 9th meeting of the Technical Committee, West Bengal Zoo Authority held on 19.11.2013, were confirmed after brief discussion.

Action Taken Report (ATR) on the minutes decisions taken in the 9th meeting of the Technical Committee, West Bengal Zoo Authority.

Action Taken Report on the minutes/decisions taken in 9th meeting of the Technical Committee, West Bengal Zoo Authority was discussed in details and noted by the members. Copy of the ATR is also enclosed as annexure-1.

Agenda 1.

Sanction strength and actual requirement of manpower in WBZA and different zoos in West Bengal. The need for complete relook on engagements/requirement of manpower in the WBZA and all the zoos under its control was strongly felt by the committee. After detailed discussion it was decided to form a Three Member Committee with Member Secretary, WBZA as chairman and Director, ZGA and Director, PNHP as members to come out with detailed recommendations on the issue and submit the report to the Chairman, Technical Committee, West Bengal Zoo Authority within 26th May 2014. If approved the report shall be placed in the next General Body. Meeting of the West Bengal Zoo Authority for final approval and taking further action.

Agenda: 2

Different issues related to services and allowances to staff of WBZA and different zoos under its control.

The proposal was discussed in details. Following recommendations have been finalized for placing the same in the next General Body Meeting of the West Bengal Zoo Authority for final approval/decision.

S.L	Issue related to services & allowances to the staff of West Bengal Zoo Authority	Recommendations.
1.	Payment of Cash compensation to the staff called for duty on Govt. declared holidays/ off days.	Shall be calculated on the formula $\frac{BP+G.P.+DA}{30}$ during the month for the concerned staff. Cash compensation shall not be applicable in case of Group - A & B officers / staffs.
2.	Payment of overtime allowance in case of extra duty performed in emergent situations/ exigencies.	Shall be calculated based on the formula $\frac{BP+G.P.+DA}{30 \times 8}$ during the month for the concerned staff. This shall again not be available to Group - A & B officers / staffs. Overtime allowance shall not be in addition to the cash compensation made available.
3.	Hazard Allowance (to the staff directly handling animals)	As per the G.O (as available to staff of the Directorate of Forests.)

4.	Availability of Uniform and Washing Allowance	As per the G.O. (as available to staff of the Directorate of Forests)
5.	Leave Travel Concession	As per the G.O. (applicable to the place of posting).
6.	Career Advancement Scheme.	As per the G.O. (applicable in fully Govt. of West Bengal controlled statutory autonomous organisations)
7.	Compensatory Provident Fund / EPF	As per the G.O. and the Provident Fund Commissioner's orders/guidelines
8.	Die-in-harness	As per the G.O. (applicable to the staff of the Directorate of Forests).
9.	Garden/Zoo Allowance	To be decided by the General Body, West Bengal Zoo Authority staff of the Zoological Garden, Alipore is getting at the rate of Rs 180/-) p.m. at the moment.
10	Transfer and posting.	<p>(a) The staff up to the rank of Zookeeper (and below) shall be treated as Zoo Cadre and shall not be transferred (except on complaint/punishment or representation).</p> <p>(b) All the officer and staff above (a) shall be treated as WBZA cadre and can be transferred post anywhere within in the state of West Ben</p>

11. Essential Services

Posts with following designation i.e. Director Deputy Director, Assistant Director, veterinary officer Zoo Supervisors, Security Supervisors, Assistant Zoo Supervisor, Assistant Security Supervisor, veterinary Assistant / Compounder, Driver, Zoo Keeper Mahaut cook shall be treated as essential services. It shall be mandatory for them to stay in Zoo premises in the residence / accommodation provided by the Zos. Efforts shall be made to provide earmarked accommodation for them in each recognised Zoo.

Agenda 3.

Different facilities having wild animals in captivity and / or functioning as Zos in West Bengal -

- (2) After detailed discussion it was decided that the West Bengal Zoo Authority shall develop the following recognised (by the Central Zoo Authority) Zos under its control (as per the details given) on scientific lines.

1. Zoological Garden, Alipore (Kolkata) : Large Zoo.
2. Padmaja Naidu Himalayan Zoological Park Darjeeling (with its satellite facilities at Daw Hill and Top Kedara) — Small Zoo.
3. North Bengal wild Animals Park, Siliguri (in lieu of Kunjanagar Nature Park/Rescue Centre which shall be converted into Hog Deer Conservation Breeding Centre) — Small Zoo.
4. Sundarban wild Animals Park, Jharkhali (in lieu of Kumari Kangrabati Deer Park which shall be converted into Spotted Deer Captive Breeding Facility) : Small Zoo.
5. Jhargram Zoo, — Jhargram : — Small Zoo.
6. Ramnabagan Zoo, — Buxidwan : — Small Zoo.
7. Rasikbill Mini Zoo, Coochbehar (Kholta facility shall be closed) — Mini Zoo.
8. Adina Deer Park, Malda : Mini Zoo/Deer Park.
9. Garchumuk Deer Park, Howrah : Mini Zoo/Deer Park.
10. Surulia Mini Zoo, Purulia : Mini Zoo.
11. South Khairbari Rescue Centre, Jalpaiguri : — Rescue Centre (for large cats).

(b) It was decided to keep track and provide all technical assistance (by the West Bengal Zoo Authority)

to all the following private zoos/Rescue
Circuses (recognised as zoos by the CZ
of West Bengal.

1. Marble Palace Zoo, Kolkata : Sm
developed as heritage zoo).
2. Kolkata Snake Park, Babu (24 p
Small zoo.
3. West Bengal Snake Park and
Kathore (South 24 Prgs) -
4. Taratala Nature Park, Taratala (Mini zoo.
5. Pugmark PFA Rescue Centre,
(Birbhum) : Rescue Centre for
6. Weston Circus.
7. Asiad Circus.
8. Asian Circus.
9. Ajanta Circus.
10. Olympic Circus.
11. Famous Circus.
12. Kohinoor Circus.
13. Natraj Circus.
14. Empire Circus.

(c) It was also decided to operate /
following captive wild animals holding
in the State as Captive Breeding Fa
only. The facilities shall formally not
the visitors and shall not function as
facilities shall continue to be managed
concerned Divisional Forest officer.

centres/
) in the state

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Mini Zoo.

Kolkata) :

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The West Bengal Zoo Authority shall provide all technical and financial assistance (to the extent possible) for their development (only) on scientific line.

1. Spotted Deer captive
Breeding facility, Bhallarpur.
2. Spotted Deer captive
Breeding facility, Parmadan.
3. Spotted Deer captive
Breeding facility Betwadahazi
4. Spotted Deer captive
Breeding facility. Hizli (Kharagpur)
5. Spotted Deer captive
Breeding facility, Bakkhali (Sundarban)
6. Spotted Deer captive
Breeding facility, Banpurkura,
Kumari Rangrabati (Bankura) (instead
of a regular recognised zoo).
7. Spotted Deer captive
Breeding facility, Deoli (Burdwan).

Agenda 4.

Different facilities having wild animals in captivity and functioning as conservation Breeding Centres in West Bengal.

After brief discussion it was decided to provide all possible technical and financial assistance

pipeline) Conservation ^{established} Breeding Centres (and in of the endangered species) for their scientific development and management (from the expertise and resources available with the WBZA). The centres shall continue to be managed by the present controlling/ managing authorities only.

1. Vultures Conservation Breeding Centre, Rajabhat Khawa (Buxa Tiger Reserve).
2. Swamp Deer Conservation Breeding Centre (Jaldapara National Park).
3. Hog Deer Conservation Breeding Centre, Kungjanagar (Jalpaiguri).
4. Sundarban Crocodilian Species Conservation - Breeding Centre, Bhagabatpur (Sundarban Biosphere Reserve).
5. Pygmy Hog Conservation Breeding Centre, Garanti (Corumora National Park) (to be established).

Agenda 5.

Development-works proposed in different-zoos during 2014-15.
Budget proposal of developmental work under state plan (Annual plan) for the year 2014-15 of Rs 643 lacs. in different-zoos has been approved (Annexure-11).

* closure of certain captive animal facility or a condition for

Agenda 6.

Status report of North Bengal Wild Animals Park, Siliguri and directive from CZA for approval.

The Technical Committee appreciated the development and following decisions were taken.

(a) South Khairbari Facility shall continue to be a regular (recognised by the CZA), Rescue Centre mainly dealing with large cats. Paid entry of the visitors shall be discontinued with ~~an~~ immediate effect.

(b) Leopard Safari at South Khairbari is not functional at the moment and shall not be revived.

(c) Kunjanagar Rescue Centre (Jaldapara) shall be developed as Hog Deer Conservation Breeding Centre. Presently it is not formally open (as Rescue Centre) to the visitors and no paid visitation shall be allowed in the Centre (as Hog Deer Conservation Breeding Centre).

(d) Kholta facility (as satellite facility of Rasikbael Mini Zoo) shall be closed by translocating of all the animals to other recognised zoos in the State.

(e) PCCF (HOFF) shall be requested to discontinue operation of captive wild animals facilities at Hizli and Bakkhali as zoos. The facilities shall be developed and managed as Spotted Deer captive Breeding Facility, Hizli (Kharagpur) and Spotted Deer captive Breeding Facility, Bakkhali respectively. No paid visitation shall be allowed to facilities.

Agenda 7.

Status report of Sundarban wild Animals park, - Tharkhali.

Considering the importance and need for a ex situ for mangrove forests, it was decided to develop the proposed facility at Tharkhali as Sundarban wild Animals Park, Tharkhali, This shall be a regular recognized (not as satellite facility of Zoological Garden, Alipore or ex situ transit facility for tiger only zoological park. Proper DPR for the same is under preparation. The DPR shall be submitted to the Central Zoo Authority for approval. Sundarban wild Animals Park, Tharkhali shall be developed in lieu of Kumari-Kangsabati Deer park which shall only ^{be} managed and developed as Spotted Deer captive Breeding Facility, Banpukuria, Sundarban wild Animal park, Tharkhali on completion shall be first and only mangrove Zoo in the world.

Agenda 8.

Status report of elephant enclosure in Alipore Zoo. Status report of Elephant enclosure in Alipore Zoo was discussed elaborately. ~~It status report of~~ ~~Elephant~~ It was decided that the director ZGA will take follow up action for obtaining approval of the design of Elephant enclosure from CZA.

Agenda :- 9.

Translocation of excess deer from zoos to the wild for releases.

It ~~was~~ was felt that the Spotted deers kept at different zoos and captive breeding facilities in the state have not been planned bred. The present stock is of very uncertain genetic and physical health. So it was decided not to release these deer to any of the established protected areas (National Park, wildlife Sanctuary) in the state.

Concerned zoos and other spotted deer captive breeding facilities, need to initiate and take up spotted deer breeding a fresh with proper (genetically and physically) founders (in case required for establishment of prey base in identified PAs),

Existing stock of spotted deer need to be phased out by controlled breeding (by sterilization and segregation of sexes). At the same time effort need to be taken up for capture and release of existing stock of spotted deer in the big forested patches in South ^{west} Bengal including Majursharona Elephant Reserve. All release protocol (of the Central Zoo Authority) for the same including soft releases shall be followed while doing the exercise. The west Bengal Zoo Authority shall provide all finances for the operation, whereas the exercise shall be conducted by the wildlife wing of the Directorate of forests.

Agenda 10.

Revision of rate of adoption of zoo animals in zoos
Revision of rates for adoption of zoo animals was discussed elaborately. It was decided to defer the revision for the time being.

Agenda 11.

Selection criteria for empanelment of clearing agent for transportation of animals from abroad.

Engagement of clearing agent for transportation of animals from abroad was discussed. Committee felt the necessity of engagement of clearing agent. Selection criteria for empanelment of clearing agents as proposed was approved. Selection will be made through wide publicity in the newspapers. No licence will be issued to any individual / organisation for the same. Selected clearing agent would work as agent of the concerned zoo.

Agenda 12.

Training of zoo staff.

Committee felt the necessity for providing training to the officers and staffs of zoos for scientific management of zoo. It was decided that ^{the} training of zookeepers of zoos will be organised in North Bengal & South Bengal. The duration of training may be 7 seven days. Member Secretary, WBZA was requested to plan the training schedule, date & venue.

Agenda: 13

Animal exchange proposal of different zoos.

* Animal exchange proposal proposed by Director, PNHZP has submitted proposal as detailed below for approval. *

Agenda 14

Research project of different zoos. Research proposal submitted by Director / PNHZP. Proposed Research Projects (3 Nos.) of Director PNHZP were placed in Technical Committee Meeting. After detailed discussion, Technical Committee approved all the 3 Research Projects of PNHZP.

* Animal exchange proposal proposed by Director, PNHZP was discussed and approved.

Agenda 15.

collaborative research Programme as proposed by Techno India University and other University. Proposal for collaborative Research Project of Techno India University, was placed and discussed in the Technical Committee Meeting. It was decided that Techno India University may be requested to provide the details of expertise and infrastructure of the related field available and small note on the activities taken up in the University for talking decision on the proposal.

Agenda - 16. ^{Proposal of the Times Group for encouragement} of Friends of Zoo.

Proposal of the Times Group for encouragement of Friend of the Zoo was placed and discussed in the Technical Committee Meeting. After thorough discussion proposal was not approved.

Agenda 17.

Approval of Logo of WBZA. Technical Committee advised to prepare some more sample of Logo of WBZA engaging artist, out of which one design of Logo would be approved through circulation.

Supplementary Agenda: 1

Annual WAZA conference to be held in November 2014 at Delhi.

Director/PNHZP expressed his views about the participation. Director, Zoological Garden, Alipore was also asked to prepare a presentation on Zoological Garden, Alipore & Marble Palace Zoo, and Kolkata on their heritage values for WAZA conference.

Agenda 7.

Transfer of birds from PNHZP to mini zoo.
 ATR - Transfer of birds as proposed by the Director, PNHZP has been materialized.

Annexure - II

Development works proposed in different zoos during 2014-15 financial year under State Plan (Annual Plan) approved in the 10th Technical Committee Meeting of WBZA held on 23.04.2014.

Surulia Mini Zoo, Purulia:

(a) Renovation & extension of Deer Enclosure	20 Lakhs
(b) Making of Signages	1 Lakh
(c) Construction of Toilet	3 Lakhs
(d) Installation of drinking water facility	2 Lakhs
Total	26 Lakhs

Kumari Kangsabati Deer Park:

(a) Installation of drinking water facility	2 Lakhs
(b) Making of Signages	1 Lakh
(c) Construction of Entry Gate	2 Lakhs
(d) Construction of Toilet	3 Lakhs
Total	8 Lakhs

Adina Deer Park:

(a) Extension of enclosure for Nilgai	5 Lakhs
(b) Making of setting arrangements for tourists	2 Lakhs
Total	7 Lakhs

Jhargram Zoo:

(a) Making of enclosure for Sambar	12 Lakhs
(b) Establishment of Enclosure for Leopard	40 Lakhs
Total	52 Lakhs

Gorechumuk Deer Park :

(a) Making of aviary for exotic birds	5 Lakhs
(b) Installation of fencing & development of Gocadile Pond	4 Lakhs
(c) Installation of fencing & development of Turtle pond	4 Lakhs
Total	13 Lakhs

Kunjanagar Rescue Centre :

(a) Installation of barbed wire fencing	6 Lakhs
(b) Deer enclosure segregation	3 Lakhs
Total	9 Lakhs

South Khairbari Rescue Centre

(a) Construction of post-Mortem room	6 Lakhs
(b) Installation of CCTV	3 Lakhs
(c) Construction of toilet	3 Lakhs
Total	12 Lakhs

Ramnabagan Mini Zoo :

(a) Installation of Spotted deer enclosure	20 Lakhs
(b) Installation of Barking deer enclosure	15 Lakhs
(c) Installation of Sambar deer enclosure	23 Lakhs
(d) Construction of Pensantry	10 Lakhs
Total	68 Lakhs

Risikbeel Rescue Centre

(a) Installation of drinking water facility	3 Lakhs
Total	3 Lakhs

Zoological Garden Alipore :

(a) Extension & Improvement of Elephant enclosure	75 Lakhs
(b) Improvement & extension of Hippo enclosure	42 Lakhs
Total	117 Lakhs

Padmaja Naidu Himalayan Zoological Park, Darjeeling :

(a) Well equipped Artificial Incubation Cum chick hatching House ^{at} Darjeeling and Satellite Facility at Dowhill at the cost of Rs. 15.00 lakhs each	30 Lakhs
(b) Repairing and renovation of old enclosure of Snow Leopard at Conservation Breeding at PNHZ Park, Darjeeling	25 Lakhs
(c) Motor Installation, cabling, main control panel and feeder pillar at Satellite Facility at Dowhill, Kurseong	04 Lakhs
(d) Construction of Medical Unit cum Research Unit at Topkeydara	27 Lakhs
(e) Construction of 4 unit enclosures (with - six nos. of night-shelter cells) for Snow Leopard at Topkeydara	60 Lakhs
(f) Butterfly Garden/park at Topkeydara	04 Lakhs
Total	<u>150 Lakhs</u>

Jharkhali Animal Park/Tiger Rescue Centre :

(a) Construction of CC Bridge and Canopy path (68 mtr) at Tiger Rescue Enclosure	60 Lakhs
(b) Installation of Chainlink fencing (part) along the periphery of the proposed site of wild Animals park at Jharkhali.	33 Lakhs
(c) Construction of Interpretation Centre at Jharkhali	85 Lakhs
Total	<u>178 Lakhs</u>

GRAND TOTAL Rs 643 Lakhs

(Rupees six hundred forty three Lakhs only).

Documented by
25/06/14

Head Clerk
Zoological Garden,
Alipore

Director
Zoological Garden
Alipore, Kol-27

Minutes of the 11th meeting of the Technical Committee. 63
of the West Bengal Zoo Authority held on 11th December, 2014
in Members Room, West Bengal Zoo Authority, Kolkata.

11th meeting of the Technical Committee of the West Bengal Zoo Authority was held on 11th December, 2014 in Members Room, West Bengal Zoo Authority, Kolkata. The meeting was chaired by Shri Ujjwal Kumar Bhattacharya, IFS, PCCF, Wildlife & CWLW, West Bengal and chairman, Technical Committee, West Bengal Zoo Authority. Following members/officers attended the meeting.

1. Shri Ujjwal Kumar Bhattacharya IFS, Chairman
PCCF, Wildlife & CWLW, WB & chairman, Technical
committee West Bengal Zoo Authority.
2. Dr S.C. Bose. Member
Director, Animal Husbandry & Veterinary Services,
West Bengal
3. Shri A.K. Jha, IFS, Member
Director, Padma Naidu Himalayan Zoological Park
Darjeeling.
4. Dr. K.L. Ghosh IFS, - - - - . Member
Director, Zoological Garden, Alipore (Kolkata)
5. Dr B R Sharma, IFS
Member Secretary, West Bengal Zoo Authority. Convener
6. Dr. J.K. De
Scientific officer West Bengal Zoo Authority
7. Shri U K Bhattacharjee
Administrative officer, West Bengal Zoo Authority

8. Shri Soumendranath De.
Finance officer, West Bengal Zoo Authority

Agenda 1. Confirmation of the minutes of the 10th meeting of the Technical Committee West Bengal Zoo Authority held on 23rd April 2014.

Minutes of the 10th meeting of the Technical Committee West Bengal Zoo Authority held on 23rd April 2014 were confirmed after brief discussion.

Agenda 2. Action Taken Report (ATR) on the minutes/decisions taken in the 10th meeting of the Technical Committee, West Bengal Zoo Authority.

Member Secretary, West Bengal Zoo Authority and Convener of the meeting presented the Action Taken Report on the decisions taken in 10th meeting of the Technical Committee, West Bengal Zoo Authority. The Members noted the ATR and following decisions were taken.

- a) It was decided to complete the process of preparation of the Master Plans of all the recognised zoos under the control of WBZA with in June 2015 (Agenda 3a)
- b) Species Recovery and Conservation Breeding Plans for the mentioned Conservation Breeding Centres shall be prepared with in December, 2015 (Agenda 4).
- c) Captive Breeding Plans for mentioned Captive Breeding Facilities shall also be prepared with in Dec 2015 only (Agenda 3c)

d) Feasibility study of the possibility of release of excess Spotted deer from different decision in this regard (Agenda 4).

e) ~~It was~~ facilities in to Jumbo Dweep in Sunderban need to be carried out before taking final decision in this regard (Agenda 9)

e) It was decided to go for re-advertisement for the preparation of the panel of clearing and handling agents for transportation of animals between zoos and from abroad (Agenda 11).

f) The Technical Committee appreciated the participation of Member Secretary, WBZA; Director, PNHZP and Director, ZGA in the WAZA Conference held at New Delhi. (Supplementary Agenda no 1).

g) The PCCF, WL & CWLW, WB informed that a request has already been made to the Principal Secretary, Forest Department for taking up the matter with Animal Husbandry & Veterinary Service Department, West Bengal on the same (Supplementary Agenda no 3).

Agenda 3. Preparation of the Recruitment-Rules (R/R) for different approved posts under West Bengal Zoo Authority and the Zoos under its control.

A three member committee chaired by the Member Secretary, West Bengal Zoo Authority with Director, Zoological Gardens, Alipore and Director, Padmaja Naidu Himalayan Zoological Park, Darjeeling as members was constituted to draft the Recruitment Rules for different posts in WBZA and Zoos under its control (as approved

in the 9th Governing Body Meeting). The committee shall complete the exercise with Dec, 31, 2014 and submit the report to the Chairman, Technical Committee. The draft shall be placed in the next meeting of the Governing Body, West Bengal Zoo Authority for final approval.

Agenda 4. Status Report on establishment of North Bengal wild Animals Park. Siliguri. The Technical Committee appreciated and noted ^{the} ~~and~~ developments.

Agenda 5. Status Report on establishment of Sundarban wild Animals park Jharkhali. Members appreciated and noted the status report.

Agenda 6. Up ^{da} ~~and~~ ^g ~~ra~~ ^{ti} ~~o~~ ⁿ of Pathological Laboratory at the Zoological Garden Alipore.

The committee asked the Member Secretary, West Bengal Zoo Authority to approach the Central Zoo Authority for financial/technical assistance for development of a Regional Referral Centre for better wild animal health care at Belgachia near Kolkata.

The committee further suggested preparation of DPR for setting up a well equipped pathological cum diagnostic laboratory in North Bengal for the Zoos and PAs in North Bengal.

Agenda 7. Research Projects:

1. Study on discontinuation of visit of migratory birds in Zoological Garden Alipore.

The committee agreed to the proposal and asked Director, Zoological Garden, Alipore to come up with details proposal for taking up the study. WBZA shall finance and monitor the study.

II. Analysis of treatment provided & mortality of animals in Zoological Garden, Alipore in the last 10 years.

The committee agreed the proposal with a direction to include all the zoos under the control of WBZA to be covered under the programme. The Technical Committee also approved engagement of one person for one year on contract basis from the existing panel of the veterinarians recently prepared in Zoological Gardens, Alipore for the purpose. Senior Veterinary Officer in Zoological Garden Alipore and veterinary officer at Padmaja Naidu Himalayan Zoological Park, Darjeeling shall ~~be~~ ~~to~~ pilot the project with all help from Director, Animal Husbandry and Veterinary Service, West Bengal.

III. Study of soil micro flora and micro-fauna of the enclosures of Padmaja Naidu Himalayan Zoological Park, Darjeeling, Doo Hill and Topkedar.

The committee recommended the proposal. The project shall be handled by the Zoo Biologist in the zoo with financial assistance from West Bengal Zoo Authority.

IV Population and Behavioural Ecology of Red Panda, *Ailurus fulgens* in Singha's National Park and Neora valley National park; West Bengal, India with special reference to conservation.

The Technical Committee approved the proposal and requested Director, Padmaja Naidu Himalayan Zoological Park to initiate the work on the same. The proposal shall be submitted to the Department of Science and Technology, Govt. WB for financial assistance and CWLW, WB for permission to carry out the study.

V Snow Leopard Conservation Breeding Programme of Padmaja Naidu Himalayan Zoological Park Darjeeling.

The committee recommended the proposal for taking up the same with Central Zoo Authority for financial assistance.

VI. Rechecking of the genetic analysis of the captive stock of Red Panda of Padmaja Naidu Himalayan Zoological park, Darjeeling by Aranyak Guahati.

The committee approved the proposal. It was decided to finance the proposal in NBZA.

Agenda - 8. Training for the Zoo staff.

The committee approved the proposal and decided to arrange training for the zookeepers in two phases i.e. during February/March 2015 in Kolkata and during April/May, 2015 in Darjeeling. Central Zoo Authority

may also to be contracted for arranging reading materials and resource persons.

Agenda: 9. Exchange of animals

The members noted the report.

Agenda 10. Approval of Master plan of Padmaja Naidu Himalayan Zoological Park, Darjeeling.

Technical Committee approved the Master plan of the Padmaja Naidu Himalayan Zoological Park Darjeeling.

Agenda 11. Purchase of tranquilising gadgets and drugs, animal identification marking materials viz rings, ear tags, transponders including the implanter readers.

The members approved the proposal and suggested to purchase the tranquilizing materials and related drugs for zoos as well as for the Wildlife wings of the Forests Directorate, West Bengal with consultation with the CWLW, WB. The committee also approved the proposal of acquiring animal identification/marketing materials viz. rings ear tags, transponders including the implanter/readers for zoo animals in the zoos under the control of WBZA.

Agenda 12. Introduction of Adoption of Zoo Animals.

Friend of Zoos & Zoo Volunteers ~~SB~~ Schemes in Zoos

The Technical Committee approved and recommended the draft to put upto the General Body for final approval.

Agenda 13. Approval of logo of WBZA.

The Technical committee recommended the line out logo (waterbird in waves depicting lined up map of west Bengal) to GB for final approval.

Agenda 14. Miscellaneous (Separate ticketing system in Garhchumuk Deer Park).

The Technical Committee agreed to the proposal of initiation of Separate ticketing system in Garhchumuk Deer Park. It was felt to start the same from April 1, 2015 on completion of the construction of entry gate and ticket counter and approval of Governing Body in the upcoming meeting.

Supplementary Agenda 1. Filming Zoo Red Panda by Conservationist and Natural History Filmmaker.

Technical Committee approved the proposal.

Supplementary Agenda 2. Status of the new Conservation Breeding Centre for Red Panda and snow Leopard at Topkeydara, Darjeeling.

The Technical Committee agreed to proposal and asked the Member Secretary, WBZA to write to the CWLW, WB to place the same in the next meeting of the State Wildlife Advisory Board.

Supplementary Agenda 3. Revival of the Journal of the Bengal Natural History Society.

The Technical Committee asked the Director, Padmaje Naidu Himalayan Zoological Park to prepare and submit the detailed proposal indicating the financial involvement manpower requirement and infrastructural needs for the same. A feasibility study of its long term sustainability may also be needed for final decision.

Supplementary Agenda 4. Release of Red Pandas in Singalila National Park.

The Technical Committee agreed to the proposal. The Director, PNHZP was asked to complete the legal and technical requirements as per Central Zoo Authority's guidelines for the same. The Central Zoo Authority may also be approached for the financial and technical assistance for the project.

Supplementary Agenda 5. Awarding Increment benefit to the EDLs.

The Technical Committee asked the Member Secretary, West Bengal Zoo Authority to analyse the case and take decision accordingly.

Supplementary Agenda 6. To fix up the "Height" instead of "Age Bar" for availing exemption of entry fees.

The Technical Committee asked the Member

Secretary, West Bengal Zoo Authority to come up with a comprehension proposal on the same including rates for the entry for all the zoos under control of WBZA and place the same in the next Governing Board Meeting for final approval.

Supplementary Agenda 7. To fix up the entry time of the Zoological Garden, Alipore.

The Technical Committee recommended the proposal and decided to incorporate the timing of entry/exit to the zoos as under Supplementary Agenda no 7.

Supplementary Agenda 8. Taking over of Bengal Natural History Museum by WBZA Society.

The Technical Committee discussed the matter of incorporation of Bengal Natural History Museum in to the West Bengal Zoo Authority Society. The Technical Committee feel that West Bengal Zoo Authority should take over Bengal Natural History Museum for its development and management. Govt. of West Bengal may be approached for the notification and continuous and enhanced financial assistance to the West Bengal Zoo Authority for its maintenance and development.

Meeting ended with a vote of thanks to the Chair.

sd/

PCCF. WL & CWLW, WB

Chairman, Technical Committee

West Bengal Zoo Authority

sd/

Dr. B.R. Sharma

Member Secretary
West Bengal Zoo Authority

Kolam 16/02/15

Director

Zoological Garden, Alipore
Kolkata-700 027

Documented by

Shakti 16/2/15

Head Clerk

Zoological Garden,
Alipore

Minutes of the 12th Technical Committee Meeting held 73
on 20th July 2015 in the Conference room of the office
of PCCF, Wildlife and Chief Wild Life Warden
West Bengal at Bikash Bhavan, Salt Lake, Kolkata.

The meeting was chaired by Sri Azam Zaidi IFS
PCCF, Wildlife & CWLW, West Bengal and
Chairman Technical Committee, West Bengal
Zoo Authority. The following Members/Officers
attended the Committee Meeting.

- (1) Dr S.C. Bose, Director, Animal Husbandry
and Veterinary Services, West Bengal and
Member Technical Committee WBZA.
- (2) Sri Piar Chand, Director, Padmaja Naidu
Himalayan Zoological Park, Darjeeling and
Member Technical Committee WBZA.
- (3) Dr. K.L. Ghosh Director, Zoological Garden, Alipore
Kolkata and Member, Technical Committee, WBZA
- (4) Dr. B.R. Sharma, IFS, Member Secretary
WBZA and Convenor.
- (5) Dr. J.K. De. Scientific Officer, WBZA
- (6) Sri Swapan Saha Executive Engineer, WBZA
- (7) Sri Gopal Chandra Purkayastha, Finance Officer WBZA

Agenda 1: Confirmation on the minutes of the
11th meeting of the Technical Committee of West
Bengal Zoo Authority held on 11th December 2014.

Minutes of the 11th meeting of the Technical Committee
of West Bengal Zoo Authority held on 11th December²⁰¹⁴
confirmed after brief discussion.

Agenda 2: Action Taken Report (ATR) on the minutes / decision taken in the 11th Meeting of the Technical Committee held on 11th December 2014

Member Secretary, WBZA and Convenor of the meeting presented the 'Action Taken Report' on the decisions taken in the 11th meeting of the Technical Committee, WBZA. The Members noted the Action Taken Report and following decisions were taken :-

(a) It was decided to spend gentle reminder to the Department of Forests to take up the matter of transfer of the post of the Elephant Specialist Veterinarian from Department of ARD, Govt. of West Bengal to the wild life Wing, Directorate of Forests, West Bengal for upcoming Veterinary Hospital at Lataguri, Dist. Jalpiguri, copy of the letter may also be marked to the ARD Department for information and necessary action.

(b) The Director, Padmaja Naidu Himalayan Zoological Park, Darjeeling has been requested to obtain a copy of the film on 200 Red Panda from Conservation and Natural History film maker.

(c) Zoological Garden Alipore will organise the training programme for Zoo keepers during - September 2015.

Agenda 3: Annual Plan of operation and developmental works proposed in West Bengal Zoo Authority and different zoos under control during 2015-16.

The Annual Plan of operation and the proposal for developmental works in different zoos under the control of WBZA has been recommended to the Governing Body for approval. The Member Secretary WBZA has been asked to prepare brief notes, on the developmental works pending in the Zoological Garden Alipore for quite sometime for submitting the same to the Governing Body. A small write-up on development of Bengal Natural History Museum in PNHZP, Darjeeling, also need to be prepared for submission of the same to the Governing Body.

Agenda 4: Financial assistance to Conservation Breeding Centres for - Hog Deer, Swamp Deer, vultures, Sundarban Reptilian species and Pygmy Hog.

The Technical Committee recommended the proposal for financial assistance to Conservation Breeding Centre. The Governing Body may like to approve the same.

Agenda 5: Exchange of Animals between zoos.

The Committee recommended all the proposed exchange programmes except sl. no (F). The Director, PNHZP, Darjeeling and the Director, Zoological Garden, Alipore are requested to take up the matter with the Central Zoo Authority for approval.

Agenda 6: Collaborative Research works.

It has been decided to defer the decision on the proposal for the time being.

Agenda 7: Release of surplus deer from different zoos to Jambu Dweep Island in Sundarban.

The committee ~~approved~~ approved the proposal.

It was mentioned that a meeting regarding this issue was held on 13.07.2015. at the office of PCCF (WL) & CWLW, West Bengal under the chairmanship of Sri Azim Zaidi IFS, PCCF (WL) & CWLW, West Bengal and it was decided to translocate approx. 1000 nos. of surplus spotted deer from different zoos/parks/sanctuaries to Jambu Dweep, Sundarban in Phased manner. The West Bengal Zoo Authority shall bear the cost of the translocation.

Agenda 8: Training/workshop for zoo personnels

The committee approved the proposal of organising two days workshop on Zoo Master Planning for the Directors/ex-officio Directors during November 2015 at Kolkata.

Agenda 9: Procurement of tranquilising gadgets and drugs for different zoos.

The Technical Committee approved the proposal of procurement of tranquilising gadgets and drugs for all the zoos under WBZA. The committee suggested to float e-tender for procurement of tranquilising gadgets and drugs.

Agenda 10: Annual Membership Fees to ISIS - reg.

The Committee appreciated the proposal and recommended to the Governing Body that Zoological Garden Alipore and Padmaja Naidu Himalayan Zoological Park, Darjeeling to allow to become members of the WBZA and ISIS and to pay their annual membership fees accordingly.

Agenda 11: Procurement of related books and Journals for WBZA.

The committee approved the proposal for procurement of books (as per the given annexure for the libraries at WBZA headquarter and zoos at Alipore, Kolkata and Darjeeling following procedure in vogue.

Agenda 12: Proposal for declaration of Zoo Directors as wildlife warden Under wildlife (P) Act, 1972.

The committee recommended the proposal to the Governing Body for approval so that the matter may be taken up with the Department of Forests, Govt. of West Bengal for notification.

Agenda 13: Accounting Manual.

The Accounting Manual as prepared has been recommended the Governing Body for approval.

Agenda 14: Miscellaneous.

The Director, PNHZP, Darjeeling requested purchase of one field vehicle for various

official field works at the park.

The committee agreed to the proposal for purchase four suitable field vehicles for the following offices; subject to the approval of Governing body.

- (1) West Bengal Zoo Authority, Salt Lake Kolkata
- (2) Padmaja Naidu Himmlayan Zoological Park, Darjeeling.
- (3) Zoological Garden, Alipore, Kolkata.
- (4) North Bengal Wild Animals Park, Siliguri.

Meeting ended with a vote of thanks to the chair.

Sd/

Dr B. R. Sharma
Member Secretary
West Bengal Zoo Authority

Sd/

PCCF, WL & CWLW, WB
&

Chairman Technical Committee
West Bengal Zoo Authority

Documented by -
[Signature]
28/11/15
Head Clerk
Zoological Garden,
Alipore

[Signature]
Director
Zoological Garden, Alipore
Kolkata-700 027

Minutes of the 13th ~~Technical~~ Technical Committee Meeting held on 29th January 2016 in the office chamber of PCCF, Wildlife and Chief Wild Life Warden, West Bengal at Bikash Bhavan, Salt Lake, Kolkata. 23

13th Meeting of the Technical Committee of the West Bengal Zoo Authority was held on 29th January 2016 in the office chamber of the PCCF, Wildlife & Chief Wildlife Warden, West Bengal and Chairman, West Bengal Zoo Authority. The meeting was chaired by Sri Pradeep Shukla, IFS, PCCF, WL & CWLW, West Bengal and Chairman of the Technical Committee of West Bengal Zoo Authority. The following Members/Officers attended the meeting:

- (1) Sri Piar Chand, Director, Padma Naidu Himalayan Zoological Park, Darjeeling, and Member, Technical Committee WBZA.
- (2) Sri A. K. Samanta, Director, Zoological Garden, Alipore (Kolkata) and Member, Technical Committee WBZA.
- (3) Dr. B. R. Sharma IFS, Member Secretary, WBZA and Convenor, Technical Committee WBZA.
- (4) Dr J. K. De Scientific Officer WBZA
- (5) Sri Shyamal Roy, Chief Engineer WBZA
- (6) Sri Champak Basu, Finance Officer WBZA

Dr. S. C. Bose Director, Animal Husbandry and Veterinary Services, West Bengal and Member Technical Committee WBZA could not attend the meeting because of pre-occupation and granted leave of absence.

Agenda 1: Confirmation of the minutes of the minutes of the 12th meeting of the Technical committee of the West Bengal Zoo Authority held on 20th July 2015.

Minutes of the 12th meeting of the Technical committee of the West Bengal Zoo Authority held on 20th July, 2015 were confirmed after brief discussion.

Agenda 2: Action Taken Report (ATR) on the minutes/decision taken in the 12th Meeting of the Technical committee.

Member Secretary, West Bengal Zoo Authority and convenor of the Technical committee, West Bengal Zoo Authority presented the Action Taken Report (ATR) on the minutes/decision taken in the 12th Meeting of the Technical committee. ATR was noted by the Members Present.

Agenda 3: Construction of office Building for the West Bengal Zoo Authority Secretariat

After brief discussion it was decided to recommend the proposal for construction of new office building to house the Secretariat of West Bengal Zoo Authority on the plot of land on the opposite side of Zoological Garden Alipore (Kolkata) near Ram Braham Sanyal Auditorium to the Governing Body for final decision.

Agenda 4: Approval of the additional developmental works proposed in the West Bengal Zoo Authority and different zoos during 2015-16.

The Technical Committee recommended the proposed additional developmental works in the West Bengal Zoo Authority and different zoos under its control during 2015-16 as detailed below for taking of the same in the next meeting of the Governing Body of the West Bengal Zoo Authority.

SL No	Description	Amount (Rs)
(a)	West Bengal Zoo Authority	
	i) Construction of office (Two storey) building on vacant plot of land near RBS Auditorium in Zoological Garden, Alipore	80,00,000.00
(b)	Zoological Garden Alipore	23,12,409.00
	i) Completion of work on staff quarters (Block I to IV) (Civil & electrical work) (4 units)	
(c)	Padmeja Naidu Himalayan Zoological Park Darjeeling	
	i) Preparation of Showcases (1st Floor) for exhibits at Bengal National History Museum, Darjeeling	17,69,206.00
	ii) State share of the Central Zoo Authority approved works i.e. (1) Enrichment of Amphibian House (2) CCTV at Downhill (3) Caves and artificial rock in Snow leopard enclosure at Topkeydara with Total cost of Rs. 35.711 Lakh (CZA Share Rs. 17.55 Lakh)	18,00,241.00
(d)	Bardhaman Zoological Park Bardhaman	31,17,625.00
	i) Earth filling/levelling in recently constructed enclosures	
(e)	Adina Deer Park, Malda	
	i) Mixed bird aviary instead of Neelgai enclosure (Rs 28.00 Lakh as approved earlier)	40,00,000.00

Agenda 5: Exchange of Animals between Zoos.

The Technical Committee approved the proposed exchange of animals between zoos as detailed below for taking further necessary action.

(a)

S.L NO.	Animals to be given by the Zoological Garden Alipore	No of Animals	S L NO	Animal to be given Nandankanan Biology sical park Bhubaneswar Odisha	No of Animals
1	Sub adult Giraffe (<i>Giraffa camelopardalis rothschildi</i>)	1 M	1	Normal coloured Tiger (<i>Panthera tigris</i>)	1 M 2 F
			2	White Tiger (<i>Panthera tigris</i>)	1 M

(b)

Animals to be given by the	No of animals	Animals to be received by the	No of Animals
(i) Dudley Zoo England (ii) Mulhouse Zoo, France		Himalayan Zoological park Darjeeling	
Snow Leopard (<i>Uncia uncia</i>)	1 Each	Snow Leopard (<i>Uncia uncia</i>)	2 M

(c)

Animals to be given by the	No of animals	Animals to be received by the	No of animals
Kanazawa Zoo, Yokohama, Japan		Zoological Garden Alipore	
Grey Kangaroo, <i>Macropus giganteus</i> (Shaw 1790)	2 M 2 F	Grey Kangaroo, <i>Macropus giganteus</i> (Shaw 1790)	2 M 2 F

(d)

From	Details of animals	To
Padmaja Naidu Himalayan zoological park Darjeeling	2 [♂] non Sambar 90 8 [♂] Barking Deer 3 [♂] 3 [♀] Red Jungle Fowl, 1 [♂] 2 [♀] Silver pheasant and 30, 3 [♂] , Golden pheasant.	Bengal Safari Siliguri (North Bengal wild Animal park)
Kholta Satellite Zoo Coochbehar	8 nos Sambar	-
Kunjaraagar Alipurduar Ecopark	20 nos, Spotted Deer	-
Kunjaraagar Alipurduar Ecopark	6 nos, Sambar	-
Rasikbeel Mini Zoo Coochbehar	37 nos, Spotted Deer	-
Adina Deer Park Malda	57 nos Spotted Deer	-
Deer Rescue Centre Salt Lake	2 Nos Jungle cat and 14 nos Rose Ring Parakeets	-
Adina Deer Park Malda	10 Nos Nilgai	Junglemahal zoological park Jhargram.
Deer Rescue Centre Salt Lake	2 Nos palm civet	Rasikbeel Mini zoo Coochbehar

Agenda 6: Approval of Research Projects.
 The Technical Committee of West Bengal Zoo Authority agreed and recommended the project of status survey of free living fauna and flora in the North Bengal wild animals park (Bengal Safari), Siliguri campus for a total cost of Rs 3.96 lakh for one year.

It was also decided that the engagement of Researchers under the project shall be as per the terms and conditions and emoluments as being followed in the Department of Science and Technology, Govt of West Bengal.

Agenda 7: Uniform for Zoo staffs

The Technical Committee of West Bengal Zoo Authority agreed to the proposal of providing 3 stars on the Shoulder badge for the Zoo Supervisor and similar level officers and 2 stars on the Shoulder badge to the Assistant Zoo Supervisor and similar level officers.

The badge with the abbreviation of the concerned zoo shall be on both the shoulders and name of the officers/staffs along with the designation and logo of West Bengal Zoo Authority shall be on the chest.

The Technical Committee of West Bengal Zoo Authority also recommended to the Governing Body to provide minimum uniform i.e. Olive green T shirt with Khaki coloured pant (fatigue colour Jacket in winters) and gum boots as uniform to staffs working on contract basis through Webel Technology Ltd. in the West Bengal Zoo Authority and different zoos under its control.

Agenda 8: Approval of Logo of WBZA

The Technical Committee of West Bengal Zoo Authority

appreciated the proposed logo and recommended the same to the Governing Body for taking final decision in this regard.

Agenda 9: Status report on writing/modification of Master plans/MLP of different zoos.

The Technical Committee of West Bengal Zoo Authority appreciated the completion of writing of Master plans for all zoos under its control and decided to recommend to the Governing Body for approval of the proposed draft Master plans for submission to the Central Zoo Authority.

Agenda 10: Purchase of Safari Vehicles for North Bengal Wild Animals Park (Bengal Safari) Siliguri

The Technical Committee of West Bengal Zoo Authority after brief discussion recommended the procurement of 5 numbers 20 seater air conditioned comfortable vehicles for use as Safari Vehicles in the North Bengal Wild Animals Park (Bengal Safari), Siliguri for Rs 109.75 lakh i.e., Rs 21.95 lakh each. The Technical Committee also approved the proposed colour coat of the vehicles i.e., fatigue green to match with the forestry environment in the Safari.

Agenda 11: Present status of the North Bengal Wild Animals Park, Siliguri.

After brief discussion the Technical Committee decided to recommend to the Governing Body that the registered name for the Park at Siliguri may continue to be the North Bengal Wild Animals Park, Siliguri with

Bengal Safari as popular name.

The Technical Committee also recommended to the Governing Body that the visitors to the Safari may be allowed to enter without payment, but on receipt of complementary pass for a period of one month i.e. up to 21.2.2016 as announcement of the Hon'ble Chief Minister, West Bengal at the time of inauguration of the Safari on 21.1.2016.

The Technical Committee of West Bengal Zoo Authority has also recommended Monday as a weekly off day for the Safari.

The entry / parking rates as detailed below have also been recommended to the Governing Body for taking final decision.

Entry Fees of North Bengal Wild Animals Park Siliguri

SL	Category	Rate
1	Adult (12 years and above) visitor to the Park / Zoo	Rs 20.00
2	Child (between 5 years and 12 years) to the Park / Zoo	Rs 10.00
3	Child (less than 5 years)	Free
4	Adult / child (5 years and above) visitor to the Safari (Bus ride)	Rs 200.00 (for all the four i.e. Herbivore Tiger, Leopard and Himalayan Black Bear Safari) Rs 50.00 (for one i.e. Herbivore Safari)

SL	Category	Rate
5	Still camera	Rs 10.00
6	Video Camera (non commercial)	Rs 100.00
7	Video camera (Commercial)	Rs 2000.00
8	Vehicles Parking Fees	Rs 100.00 for first two hours or part of and Rs 50.00 per additional hour or part of
	(a) Bus / Mini Bus	
	(b) Car / van, Auto (four and / or three wheeler)	Rs 20.00 for first two hours or part of and Rs 10.00 per additional hour or part of
	(c) Motorised two wheelers (scooter / Motorcycle etc.)	Rs 10.00 for first two hours or part of and Rs 5.00 per additional hour or part of.
	(d) Bicycle	Rs 5.00 for first two hours or part of and Rs 2.00 per additional hour or part of.

Agenda 12: Approval of Additional posts in the Bengal Safari (NBWAP) Siliguri.

Technical Committee of West Bengal Zoo Authority recommended the continuance of one Assistant Engineer (Civil) on contract basis upto 31.12.2016. This has been necessitated because of large scale on-going construction work in the Safari.

Technical Committee of West Bengal Zoo Authority also recommended the engagement of 32 nos. Security Personnels (including 12 personnel with arms) instead of 12 nos. as approved earlier for better protection into the Safari.

Agenda .13: Continuation of Support of Chartered Account Firm at NBWAP, Siliguri.

Technical Committee of West Bengal Zoo Authority recommended the continuance of the engagement of Chartered Accountant Firm in the office of North Bengal Wild Animals Park (Bengal Safari) Siliguri upto 31.12.2016 for checking of tender files, Payment, TDS, STDS, ST etc as the quantum of work is very heavy for the time being.

The meeting ended with a vote of thanks to the Chair.

sd/

Member Secretary
West Bengal Zoo Authority.

sd/

PCCF, WL & CWLN, WB
&

Chairman Technical Committee
West Bengal Zoo Authority.

Documented by.

Pradyumna
20/3/16
Head Clerk
Zoological Garden,
Alipore

James
Director
Zoological Garden, Alipore

Minutes of the 14th Technical Committee Meeting held on 11th May, 2016 in the conference room of the office of PCCF, Wildlife and Chief Wildlife Warden, West Bengal, at Bikash Bhavan Salt Lake, Kolkata. 89

14th Meeting of the Technical Committee of West Bengal Zoo Authority was held on 11th May 2016 in the conference room of the office of the PCCF, Wildlife & Chief Wildlife Warden, West Bengal. The meeting was chaired by Dr. Pradeep Vyas IFS, PCCF, (WL) & CWLW, West Bengal and Chairman of the Technical Committee of West Bengal Zoo Authority. The following Members/officers attended the meeting:

- (1) Shri V.K. Yadav IFS, Member Secretary, WBZA and Convener, Technical Committee, WBZA
- (2) Sri Piaz Chand IFS, Director, Padma's Naidu Himalayan Zoological Park, Darjeeling, and Member, Technical Committee, WBZA.
- (3) Sri A.K. Samanta IFS, Director, Zoological Garden, Alipore, Kolkata and Member, Technical Committee WBZA.
- (4) Dr (Captain) A.G. Banerjee, Director, Animal Husbandry and Veterinary services, Govt of WB and Member, Technical Committee WBZA.
- (5) Dr. J.K. De, Scientific officer WBZA.
- (6) Shri Ujjawal Bhattacharyya, Administrative officer, WBZA.
- (7) Shri Shyamal Roy, Executive Engineer WBZA.

(8) Shri Champak Basu, Finance Officer, WBZA

Agenda 1: Confirmation of the minutes of the 13th meeting of the Technical Committee of the West Bengal Zoo Authority held on 29th January, 2016.

Minutes of the 13th meeting of the Technical Committee of West Bengal Zoo Authority held on 29th January, 2016 were confirmed after brief discussion.

Agenda 2: Action Taken Report (ATR) on the minutes/decision taken in the 13th Meeting of the Technical Committee.

Member Secretary, West Bengal Zoo Authority and Convenor, Technical Committee, West Bengal Zoo Authority presented the Action Taken Report (ATR) on the minutes/decisions taken in the 13th Meeting of the Technical Committee. ATR was noted by the Members Present.

Agenda 3: Present status of Master Plan / Master Lay out Plan of different Zoos under WBZA

After a brief discussion it was decided to prepare the present status of Master plan and Master Lay out Plan (MLP) of Every zoo under WBZA in a tabular form to have a clear idea at a glance and may be placed before the next meeting of the Technical Committee.

The Member Secretary, WBZA is requested to write a letter to the CZA for renaming of the Safari Park as North Bengal Wild Animals Park (Bengal Safari), Siliguri to avoid confusion during recognition.

Agenda 4: Exchange of Animals between Zoos.

A. The Technical Committee requested the Director, Zoological Garden, Alipore to verify the viable stock position of Giraffe in the Zoo and he is also requested to inform the Member Secretary whether he is in a position to spare one sub-adult male Giraffe to Nandankanan Biological Park, Bhubaneswar.

All the relevant papers along with post Mortem report on the death of translocate Giraffe to Nandankanan Biological Park, Odisha may be handed over to the ARD Department for their necessary comment. If required collection of blood sample from Giraffe may be allowed to the ARD department for their investigation.

Necessary precautionary measures may also be taken up for the rest of the Giraffe in the Zoo.

B. Movement of different animals between Zoos under WBZA is approved as proposed.

C. The proposal of sending one pair of young snow leopard from PNHZP, Darjeeling to Himalayan Nature Park, Kufri HP is not accepted till the PNHZP, Darjeeling has viable population of Snow Leopard.

D. Exchange of animals between PNHZP, Darjeeling and ZG, Alipore has been approved by the Committee.

E. Proposal for augmentation in animal collection in different zoos was approved as proposed below :-

Zoological Garden Alipore	Wolf Hyena, Bengal Fox Lion, Birds.
Jungle mahal Zoological Park, Jhargram.	Wolf Hyena, Bengal Fox, Birds
Padmaja Naidu Himalayan Zoological Park, Darjeeling	Monal Himalayan Goral, Red Panda, Takin, Snow Leopard & Serow.
North Bengal wild Animal park, Siliguri	Swamp Deer, Hog Deer Indian Gaur, One Horned Indian Rhinoceros (Female) Fishing Cat, Civet (Small Indian, Large Indian, Common Palm), Marbled cat, Leopard Cat, Golden cat, Jungle cat, wild Boar, Gaur Birds, Marsh Goat Crocodile Gharial, Leopard Bear & (Seized Elephant)
Sundarban wild Animals park, Jhor Khali	Otter, Leopard Cat, Fishing cat, Jungle Cat Birds salt water Crocodile water Monitor Lizard.

- b. All the rescued/seized animals including Indian Gaur & Elephants from North Bengal may be moved to the North Bengal wild Animals park, Siliguri

Agenda 5: Deployment of Veterinary Officer in Different Zoos on deputation.

The Committee discussed the deployment of Veterinary officer in different Zoos on deputation.

The committee felt the necessity of posting of veterinary officers in different zoos for assessing general health condition, quality of feed and water, screening of animals for parasitic loads, preparing disinfection as well as prophylactic treatment Schedule for Captive inmates.

The Committee requested the member Secretary to prepare one proposal for posting of veterinary officers in different zoos and the said proposal may be sent to the ARD Department for their necessary action.

The committee also opined that young Veterinary officer may be sent to IVRI and Wildlife Institute of India for necessary training. Then they may be posted at different zoos with 10% - 20% deputation allowances as mentioned below beside their normal pay.

a. 10% deputation allowance to be paid to persons posted at Siliguri & Kolkata

b. 20% deputation allowance to be paid to persons posted at other areas.

The Committee recommended to send the proposal to the next Governing Body Meeting for approval.

Agenda 6: Status of different research projects allotted to Zoological Garden, Alipore and Padmaja Naidu Himalayan Zoological Park, Darjeeling.

The Committee has noted the progress of the different research projects handled by ZG, Alipore and PNHZP, Darjeeling. The Committee requested the Member Secretary to engage another Research Scholar to the Zoological Garden, Alipore in the research Project no 1, as the earlier Research Scholar resigned from the post.

Agenda 7: Shifting of rescued Neelgai to Janglemahal Zoological Park, Jhargram.

The committee appreciated the proposal for shifting of all rescued / seized Neelgai to Janglemahal Zoological Park for better management. The Committee also suggested that in future, all the rescued or seized Neelgai would be shifted to only Janglemahal Zoological Park, Jhargram.

Agenda 8. Present Status of the North Bengal Wild Animals Park (Bengal Safari) Siliguri

The Technical Committee appreciated the performance of the Safari Park. The Committee was glad to note that there is a good demand for Safari.

The local people are very much interested to visit the park and is becoming popular.

Committee members were briefed that one revised Master layout plan has been submitted to the CZA after observation of the expert group of the CZA.

Agenda 9: Approval of research proposal on Himalayan Salamander (*Tylototriton himalayanus*)

The committee principally agreed to the research project. But the Director, Padmaja Naidu Himalayan Zoological Park, Darjeeling was requested to undertake a short term (approx 4 months) research project on the status and distribution of Himalayan Salamander in West Bengal and also to find out the reason for declination of population of Salamander.

Agenda 10: Two day workshop for Zoo Directors Deer Parks and Rescue Centres.

The Committee felt the necessity of conducting such training programme for the Zoo Directors Deer Parks and Rescue Centres to enrich their knowledge on the scientific management of the zoos.

The committee also recommended placing the proposal to the next Governing Body Meeting to get the approval.

Agenda 11: Zoo Keeper's training Programme of Zoos, Deer Parks and Rescue Centres.

Considering the significant role of the Zoo keeper in the management of Zoos, the Technical committee approved the proposal for conducting one week training programme for the Zoo keepers of different Zoos and Rescue Centre during August 2016 to March 2017.

The Technical Committee also recommended placing the proposal before the next Governing Body Meeting for final approval.

Agenda: 12: Educational Programme by celebrating of Bio-diversity Day, World Environment Day, wildlife week and Vans Mahotsav etc, with active involvement of Schools and colleges etc.

Technical committee appreciated the proposal and requested the Member Secretary to inform the Director / Ex officio Director of each Zoo to organise such programmes for the visitors so as to spread the global message of Conservation to the common public.

The committee further opined that each Zoo should prepare the calendar of different awareness programmes to be completed during the year by organising seminars, workshops and sit & draw competitions with the guidance of the West Bengal Zoo Authority if needed.

Further, it was decided that every Zoo should prepare ~~Sp~~ Separate Education Plan as a part of the Master plan.

Agenda 13. Submission of report of the expert group in connection with health check up of Giraffe of Zoological Garden, Alipore.

The committee is satisfied with the report of the experts' group on the health check up of Giraffe of Zoological Garden, Alipore and requested the Director, Zoological Garden Alipore to take necessary precautions against spread of any disease and for analysis of genetic status of the present population. If required, the area of present enclosure of the Giraffe may be increased.

Agenda 14: Various developmental works at different zoos under WBZA for 2016-17.

The committee requested not to place this type of agenda in the Technical committee. However the committee informed the Member Secretary, WBZA to direct the concerned zoo to consult with the ARD Department on the establishment of Veterinary Hospital and Post-mortem Room at their respective zoos.

Item of works as mentioned in the proposal (Annexure) was approved subject to the provision of funds and vetting of the estimates.

Agenda 15: Conservation Breeding Programme for Goral *Naemorhedus goral* (Hardwicke, 1828)

The matter was discussed and decided that before taking up such Conservation Breeding Programme present status of the targeted species in the wild is to be assessed.

Therefore, the Director Padmaja Naidu Himalayan Zoological Park, Darjeeling was requested to complete the status Survey of Himalayan Goral within a short period.

The Committee requested to prepare one status document on the Conservation Breeding Programme of Swamp Deer at Jaldapara Wildlife Sanctuary, Alipore duar.

Agenda 16. Status Report regarding closure of zoos

The committee noted the factual position of the zoos to be closed. The Member Secretary, WBZA should take initiative for graceful closure of these zoos or per the directions of the Central Zoo Authority.

Agenda 17. Adoption rate of different animals for 16th

The matter was discussed and it was pointed out that there is a huge demand of adoption of different captive animals. The proposal for rates of adoption (as provided below) for the year 2015-16 may be implemented for this year also (2016-17) after approval of the Governing Body.

Adoption rate of zoo inmates per year

Adoption rate of Zoo inmates per year.

Tiger / Lion / Elephant	Rs. 2,00,000.00
Leopard / Snow Leopard / Clouded Leopard / Hippopotamus / Rhinoceros / Jaguar / Giraffe	Rs. 1,00,000.00
Hyena / Wolf / Aldabara Tortoise / Kangaroo / Red Panda / Zebra / Gaur and other large herbivores	Rs. 60,000.00
Crocodile / Gharial / Chimpanzee / Sloth Bear / Black Bear / Ostrich	Rs. 40,000.00
Primates (Langur / Monkey / Slow Loris / Baboon etc.) / Small carnivores (Jungle cat / Fishing Cat / Leopard Cat / Himalayan palm civet / Asian Palm civet / Pangolin / Marmoset / Bengal Fox / Jackal / Fox / Pheasants	Rs. 20,000.00
All other Birds / Snakes / Smaller Herbivores (Deer, Antelopes etc.) / Porcupine / Squirrel / Star Tortoise / Ganges Soft shelled Turtle	Rs. 10,000.00

Agenda 18: Miscellaneous, if any, with the permission of the Chair

Supplementary Agenda No. 1: Engagement of Tax Consultant, Statutory Auditor and Internal Auditor

The Member Secretary, WBZA expressed the necessity of engaging one Tax Consultant, Statutory Auditor & Internal Auditor like previous year in the Secretariat office of WBZA. The committee approved the proposal and recommended for placing it in the next GB Meeting.

Supplementary Agenda No. 2: Nomination of Zoo Expert in the Technical Committee of WBZA

The committee discussed the matter regarding nomination of one member as Zoo Expert in the Technical Committee among the following persons:

1. Dr. S. K. Pattnayak IFS, Rtd PCCF Odisha
2. Dr. B. R. Sharma, IFS, PCCF, Research Monitoring & Development, WB

The matter may be placed before the next GB Meeting for nomination of one person

Supplementary Agenda No. 3:

2. Fees for shooting (Documentary/Commercial) in the Zoo/Rescue Centre/Park

The Committee suggested to charge normal rate prevailing for National Park and Sanctuaries of Forest Directorate, West Bengal for shooting in the Zoo/Rescue Centre/Park under WBZA.

b. Preparation of documentary

The Chairman suggested the Member Secretary, WBZA to take initiative for preparation of documentary films of 15 minutes duration on the activities of different Zoos for the visitors as a part of awareness programme of the Zoo.

Supplementary Agenda No. 4: Exposure visits of Zoo officials.

The Committee discussed the matter in detail and approved the proposal on the exposure visits of Zoo official and other staffs to different zoos in India.

Sd/

Member Secretary
West Bengal Zoo Authority

Sd/

PCCF, WL & CWLW, WB

Chairman Technical Committee
West Bengal Zoo Authority.

Same

Zoological Garden, Alipore
Kolkata-700 027

Documented by:
S. K. Ghosh
02/01/16.

Head Clerk
Zoological Garden,
Alipore

Minutes of the 15th Technical Committee Meeting
Held on 17th February 2017 in the members room
of West Bengal Zoo Authority, Salt Lake, Kolkata.

15th Meeting of the Technical Committee of the West Bengal Zoo Authority was held on 17th February 2017 in the Members Room of West Bengal Zoo Authority. The meeting was chaired by Dr. Pradheep Vyas, IFS, Principal Chief Conservator of Forests, Wild life & C.W.L.W., West Bengal and chairman of the Technical Committee of West Bengal Zoo Authority. The following Members/officers attended the meeting -

- (I) Dr. B.R. Sharma, IFS, Member, Technical Committee^{WBZA}.
- (II) Sri V. K. Yadav, IFS, Member Secretary, WBZA
- (III) Sri A.K. Samanta, Director, Zoological Garden, Alipore (Kolkata) and Member, Technical Committee, WBZA

Dr (Capt.) A. G. Bandhopadhyay, Director, Animal Husbandry and veterinary Services, West Bengal and Member, Technical Committee, WBZA and Shri Par Chand IFS, Director, Padmaja Naidu Himalayan Zoological Park and Member, Technical Committee, WBZA could not attend the meeting because of Pre-occupation and granted leave of absence.

Agenda 1: Confirmation of the minutes of the 14th meeting of the Technical Committee of the West Bengal Zoo Authority held on 11th May, 2016.

Minutes of the 14th meeting of the Technical Committee of the West Bengal Zoo Authority held on 11th May, 2016 were confirmed after brief discussion.

Agenda 2: Action Taken Report (ATR) on the minutes/decision taken in the 14th Meeting of the Technical Committee.

Member Secretary, West Bengal Zoo Authority and Convenor of the Technical Committee, West Bengal Zoo Authority presented the Action Taken Report (ATR) on the minutes/decision taken in the 14th Meeting of the Technical Committee. ATR was noted by the Members present. Following modifications have been made.

- (1) The Conservation Breeding Programme is to be initiated for those endangered species found in the state for release in the wild.
- (2) The Captive Breeding Programme of Satyr Tragopan is to be taken up at Padmaja Naidu Himalayan Zoological Park, Darjeeling. Parental stock of Satyr Tragopan may be obtained from the wild with prior permission of the Chief Wildlife Warden and the State Govt.
- (3) Feasibility study for release of Red Panda in Senchal Wildlife Sanctuary and Neora Valley N.P. is to be initiated for rehabilitation and restocking of these endangered species.
- (4) Bhutan Grey Peacock Pheasant Captive Breeding Programme is to be initiated.
- (5) Surplus stock of Kalij Pheasant of Padmaja Naidu Himalayan Zoological Park Darjeeling may be released in the wild after status survey in suitable habitat in consultation with wildlife wing.

Agenda 3: Present status of Master plan/Master Lay out plan of different zoos under West Bengal Zoo Authority.

The committee noted the present status of Master plan and Master Layout plan of West Bengal Zoo Authority with a decision to exclude Tiger Enclosure from Bardhaman Zoological Park, Bardhaman. The revised Master layout plan of the following zoo was approved by the Technical Committee for sending to the Central Zoo Authority for approval.

- 1) Sundarban wild Animals Park, Jherkhali
- 2) Surulia Mini Zoo, Purullia.
- 3) South Khairbari Leopard Safari & Rehabilitation - Centre (South Khairbari Rescue Centre) (Mini Zoo), Alipur duar.
- 4) Gar chumuk Deer Park Howrah.

Agenda 4: Procurement of Rescue Vehicles for zoos

After prolonged discussion, the Technical Committee recommended the purchase of 9 nos. Vehicle for use in different zoos for day to day Zoo Management, transfer of food to the enclosures and safari as well as for transportation of rescued and sick animals.

Agenda 5: Exchange of animals between zoos.

Animal Exchange Programme between different zoos

has been approved subject to the approval of Central Zoo Authority. Detailed proposal for exchange of Snow leopard between Padmaja Naidu Himalayan Zoological Park, Darjeeling and Himalayan Nature park Kufri is to be submitted to Chief wildlife warden West Bengal.

Agenda 6: Prevention of Avian Influenza

Technical Committee approved and recommended the proposal to draw up a suitable contingency plan in consultation with the Animal Husbandry Department Govt. of West Bengal and Govt. of India as a precautionary measure to tackle any eventuality before the outbreak of Avian influenza (Bird Flu).

Agenda 7: Approval of different Research Projects

The Technical Committee approved the Research Projects (a) "Genetic analysis of captive stock of Giraffe & (b) "Study of visitors at Zoological Garden Alipore placed in the meeting with a decision for determination of carrying capacity of Zoological Garden Alipore.

Agenda 8: Workshop on Enrichment of Zoo Enclosures.

The Technical Committee approved the proposal of conducting the workshop of 'Enrichment of Zoo Enclosure' during April 2017.

Agenda 10: Training of staff at ...
... ..

Agenda 9: Two days' workshop on "Identification and Marking of Animals in Captivity" with Zoo officials of different zoos.

The Technical Committee approved the proposal for conducting workshop on "Identification and Marking of Animals in Captivity" in Zoos and Deer Park on 16th & 17th March 2017 at Zoological Garden Alipore.

Agenda 10: Training of Veterinary Surgeons & Compounders at IVRI / Belgaichia.

The Technical Committee approved the proposal for organizing training programme for Laboratory Technicians, Veterinary Assistants and Veterinary Officers in the month of August 2017.

Agenda 11: Conservation Breeding Programme of Swamp Deer at Jaldapara, Salt Water Crocodile at Bhagatpur, Hog Deer & Sambar Deer at Kunjanagar, Goral at Dawhill.

After detail discussions, it has been resolved that the Conservation Breeding Programme of Sambar Deer will be initiated at Jaldapara and Kunjanagar where facilities are available. After successful breeding, Sambar Deers will be release in the wild in Jaldapara National Park & Buxa Tiger Reserve to increase prey base of the protected area.

The existing Swamp Deer stock at Jaldapara will be translocated to zoos as exhibits

after rapid assessment of health within two months. Status report of Salt water Crocodile is to be submitted to Chief Wildlife Warden, West Bengal.

It is also resolved that availability of Newt (Salamandar) in other areas is to be assessed within the target period and said areas may be declared as 'Community Reserve' by the State Govt.

Agenda 12: Elephant Ride in Mixed Herbivore Safari at Bengal Safari, Siliguri.

Proposal for elephant ride in mixed Herbivore Safari at Bengal Safari has been approved. The principal Chief Conservator of Forests, Wildlife & CWLW, West Bengal should be approached for posting two departmental elephants for this purpose.

Agenda 13: Proposal for establishment of Leopard Safari at South Khairbari, Aliporeduar.

The proposal for making comprehensive plan for leopard Safari as well as other animals as Bird & Enclosures at South Khairbari Rescue Centre for sending the same to Central Zoo Authority for approval has been approved and recommended by the Technical Committee.

Agenda 14: Progress of Works related to Sundarban Wild Animals Park, Jharkhali

The Technical Committee noted and approved after discussions the status of Progress of works related to Sundarban Wild Animals Park, Jharkhali

Supplementary Agenda No 1:

Development works at Padmaja Naidu Himalayan Zoological Park, Darjeeling and the breeding centre at Topkedara and Dow Hill, Kurseong.

The Technical Committee noted and approved the development work proposal by Padmaja Naidu Himalayan Zoological Park Darjeeling:

Supplementary Agenda No. 2:

Exposure visits:

The Technical Committee noted and approved the proposed exposure visits for zoo officials for visit to best managed zoo and some protected area.

Supplementary Agenda No. 3:

Training Programme

The Technical Committee noted and approved the proposal for workshop on Amphibians found in and around Darjeeling District at Padmaja Naidu Himalayan Zoological Park.

Supplementary Agenda No 4:

The Technical Committee has suggested to develop the expert team of West Bengal Zoo Authority and to procure required materials for the translocation of surplus Spotted deer from zoos into the wild / zoos.

It has been resolved that Directors of Zoo may be empowered to upgrade the Zoo Enclosure, Veterinary Hospital etc. as per approved Master plan.

The meeting ended with a vote of thanks to the Chair and all the Members.

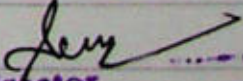
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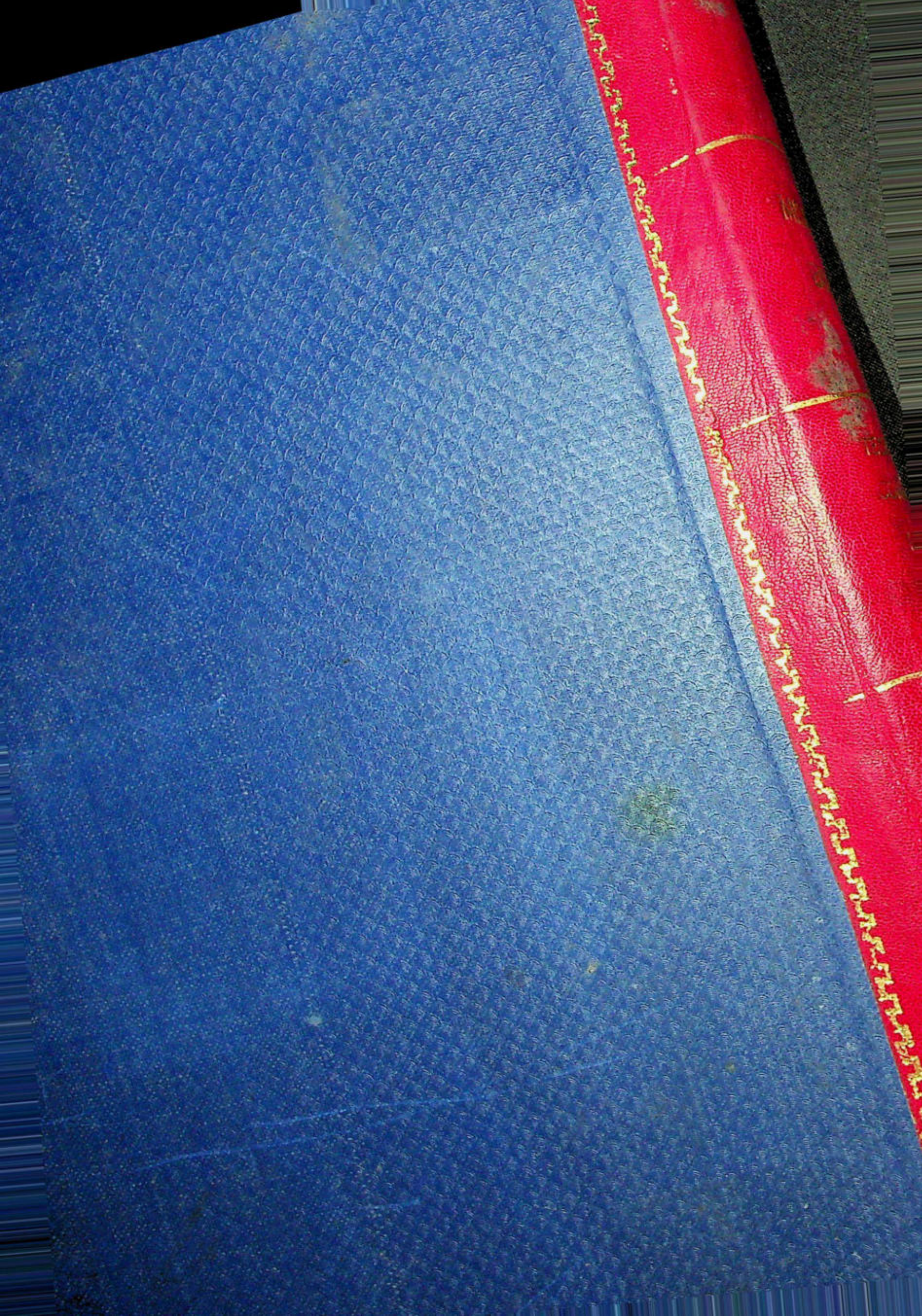
Member Secretary
West Bengal Zoo Authority

sd/

Principal Chief Conservator of Forests, wildlife & CWLW, West Bengal & Chairman, Technical Committee, West Bengal Zoo Authority.

Documented by
Shabtanuj
22/4/17.
HEAD CLERK
ZOOLOGICAL GARDEN
(ALIPORE)


Director
Zoological Garden, Alipore





ZOO