

GOVT. OF ARUNACHAL PRADESH
OFFICE OF THE DIVISIONAL FOREST OFFICER
MEHAO WILDLIFE SANCTUARY DIVISION
ROING

No. MWS/D-5/2013/ **444-45**

Dated Roing the 10th July /2024.

To

The Member Secretary,
Central Zoo Authority,
Ministry of Environment, Forest & Climate Change,
B-I Wing, 6th Floor,
Pt. Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003.

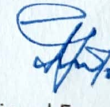
Sub: Submission of statutory Annual report of Mini Zoo, Roing for the year 2023-2024.

Sir,

I am submitting herewith the statutory Annual report in respect of Mini Zoo, Roing for the year 2023-24 as per prescribed format for favour of your information and necessary action please.

Encl: As stated above

Yours faithfully,

 10/7/2024

Divisional Forest Officer
Mehao Wildlife Sanctuary Division
Roing

Copy to:-

1. The Principal Chief Conservator of Forests (WL & BD), Itanagar, alongwith a copy of Annual report of Mini Zoo, Roing for favour his information and necessary action please.

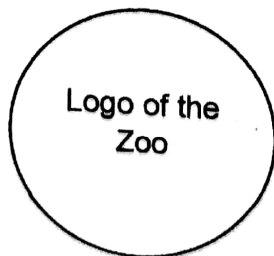
Divisional Forest Officer
Mehao Wildlife Sanctuary Division
Roing



MINI ZOO, ROING

(Please mention name of the Zoo)

Annual Report for the year 2023-24



CONTENTS

S.No	Section	Page Number
1.	Report of the Officer-in-charge	3
2.	History of the Zoo	3
3.	Vision	3
4.	Mission	4
5.	Objective	4-5
6.	About us	5-6
7.	Organizational Chart	7
8.	Human Resources	7
9.	Capacity Building of the zoo personnel	7
10.	Zoo Advisory Committee	7-8
11.	Health Advisory Committee	8
12.	Statement of income and expenditure of the Zoo	8
13.	Daily feed Schedule of animals	8-9
14.	Vaccination Schedule of animals	9
15.	De-worming Schedule of animals	9
16.	Disinfection Schedule	9
17.	Health Check-up of employees for zoonotic diseases	9
18.	Development Works carried out in the zoo during the year	9
19.	Education and Awareness programmes during the year	9
20.	Important Events and happenings in the zoo	9
21.	Seasonal special arrangements for upkeep of animals	10
22.	Research Work carried out and publications	10
23.	Conservation Breeding Programme of the Zoo	10
24.	Animal acquisition / transfer / exchange during the year	10
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo	10
26.	Annual Inventory of animals	10
27.	Mortality of animals.	11
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	12
29.	List of free living wild animals within the zoo premises	12

1. Report of the Officer-in-charge

Brief report on Mini Zoo, Roing

This Zoo was started as a small rescue centre from 1985 and then the department decided to upgrade it as Mini Zoo during 2008. Since then it has been functioning without proper planning as per prescribed norms of the Zoo Rule. Moreover, due to non allotment of sufficient fund against the item of Mini Zoo from State Fund, most of the developmental works have been hampered. The present system of allotment of fund is in force at the end of the year. It is also a very meagre amount from which liabilities occurring for the purchase of feed items and day to day development/maintenance of Zoo enclosure and premises cannot be achieved and maintain the status of zoo as per Norms. The period of present Master plan of Mini Zoo prepared for the period from 2014 to 2024 is now expired and a new Master Plan is to be prepared for another period of 10 Years. The Master layout plan Mini Zoo has already been approved by the CZA. Necessary proposal is being sent to the higher authority for construction of 5(Five) Nos Enclosures and other developmental works as per approved Master layout plan and all requirements can be met up only after getting the approval and adequate fund from the authority.

2. History of the Zoo

A small rescue centre was established in Roing during 1985 to deal with the problem of displaced and injured animals of two sanctuaries namely Mehao Wildlife Sanctuary and Dibang Wildlife Sanctuary and other adjoining areas. This small rescue facility gradually became the epicentre for displaced and orphan animals coming from all parts of the district. Having realized the importance of a permanent holding facility particularly those animals unfit to release in the wild due to one or other reason, the department decided to upgrade the rescue centre to a full-fledged Mini Zoo in 2008 with broader objective of education, recreation and rescue and rehabilitation of wild animals. Unfortunately the Mini Zoo, Roing continued to be managed without proper planning and vision till 2009. This can be very well realized from the unplanned placement of animal enclosures and haphazard development of the Zoo.

3. Vision

1. Educating people about the need for wildlife conservation.
2. Research and captive breeding of rare and endangered animals.
3. Providing recreation to Zoo visitors.
4. Rescue and rehabilitation of wild animals.

4. **Mission**

The mission of the Mini Zoo, Roing is achievement of proposed objectives by housing and displaying of broad representative of diverse animals and birds, with emphasis on Indian fauna belonging to the region considering the climatic condition suited to them.

- (a) Complement the national interest of wildlife through planned coordinated conservation breeding of wild animal species of the region.
- (b) By sharing of animal species for the purpose of pairing with other zoos for conservation breeding and also exchange of excess animals with other zoos.
- (c) Develop amongst the visitors an understanding about the ecological linkages with the life supporting processes of nature and the need for keeping them intact by adopting sustainable life styles and living in harmony with nature. Also motivate them to support the cause of conservation of wildlife.
- (d) Enhancing the role of zoo in conservation of wild life through collaborative research aiming at attaining management skills for in-situ population and carrying out advocacy for protecting the wild life and their habitat.
- (e) Study of feeding, management, biology, veterinary aspect, enclosure design, enrichment etc. in respect of Hoolock Gibbon to develop nodal training centre for the species.
- (f) Act as rescue centre by receiving and keeping orphaned, seized, rescued, injured wild animals and creation of rescue facilities.
- (g) Ensure high standard of animal health and hygiene, veterinary care and providing pleasant aesthetic near natural enclosure with large space for each species.
- (h) Training of zoo staff shall be encouraged for creating trained man power for better management.

5. **Objective**

Initially, it was started as a rescue centre during 1985 which subsequently took the shape of Mini zoo. Like any other zoo around the world it was established for the purpose of recreation and entertainment. But with the advancement of time and expertise in the field, the concept of modern zoo has undergone drastic changes. More stress has been laid on conservation, education and research. Keeping these in view, the objectives of Mini Zoo, Roing have been framed as follows:-

- (a) Conservation breeding of different endangered species belonging to the region for preservation of biodiversity and re-introduction.
- (b) To promote Research and Education in respect of both flora and fauna.
- (c) Providing recreation for Zoo visitors
- (d) Rescue and rehabilitation of wild animals.

- (e) In extension of programme of Translocation of Eastern Hoolock gibbon from wild to wild (from Dello to Mehao Wildlife Sanctuary). There are 7 (seven) families of Hoolock gibbon were translocated to Mehao Wildlife Sanctuary upto March/2014.

6. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Mini Zoo, Roing
2	Year of Establishment	1985
3	Address of the Zoo	Mini Zoo Roing, Deopani, Roing- P.O., Lower Dibang Valley District, Arunachal Pradesh Pin: 792110
4	State	Arunachal Pradesh
5	Telephone Number	03803-222408 M/ No. 09436044615
6	Fax Number	
7	E-mail address	dfomws@gmil.com
8	Website	
9	Distance from nearest	Airport: 150 Kms
		Railway Station: 110 Kms
		Bus Stand: 2 Kms
10	Recognition Valid upto (Date)	19/08/2021
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	2.0 Hec.
13	Number of Visitors (Financial Year)	Adult : 200 Nos
		Children :300
		Total Indian :500 Nos
		Total Foreigners : Nil
		Total Visitors: 500
14	Visitors' Facilities Available in Zoo	Parking place, public toilets, waiting shade, ticket counter is available.
15	Weekly Closure Day of the Zoo	Sunday

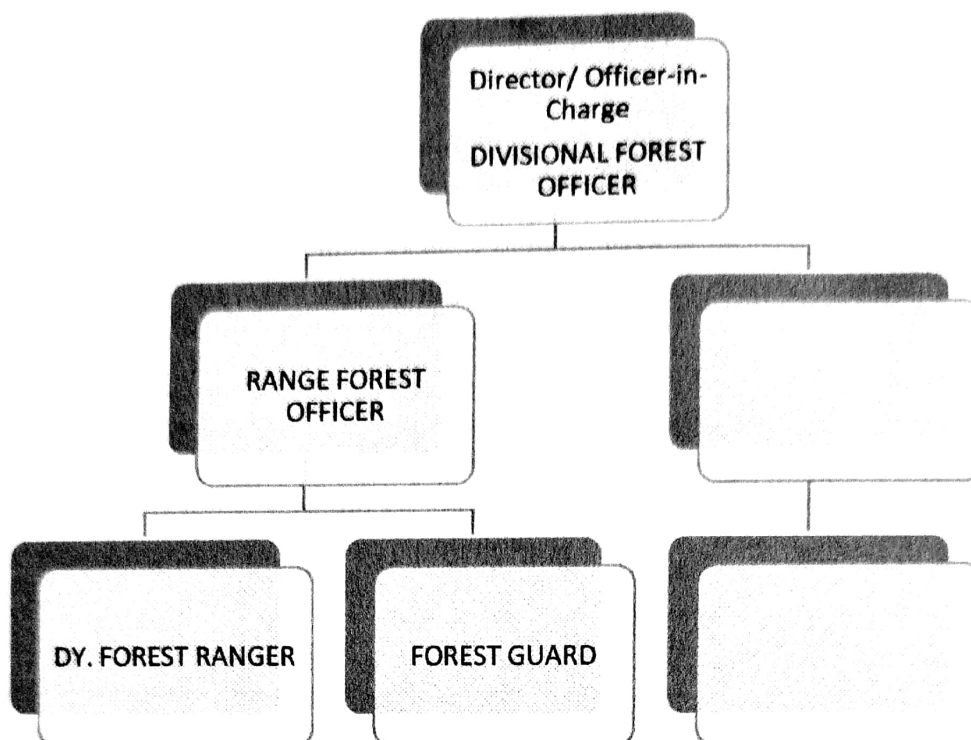
S.No.	Particulars	Information
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Shri MORI RIBA, ADCF
	Name of the Veterinary Officer	Nil
	Name of the Curator	Dr. Kabuk Lego, RFO
	Name of the Biologist	Nil
	Name of the Education Officer	Nil
	Name of the Compounder/ Lab Assistant	Nil
Owner / Operator of the Zoo		
17	*Name of the Operator	Secretary to the Government of Arunachal Pradesh, Deptt. of Env. & Forests
18	Address of the Operator	Divisional Forest Officer, Mehao Wildlife Sanctuary Division, Roing
19	Contact details/Phone number of Operator	Dr. Kabuk Lego, R. F.O, M/No. 6900356623
20	E-mail address of Operator	dfomws@gmail.com

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

"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that _____

- i. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or
- ii. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or
- iii. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

7. Organizational Chart



8. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent	Remarks
1	DFO	1	Shri MORI RIBA, ADCF	Post sanctioned for Mehao Wildlife Sanctuary Divin.
2	RFO	1	Dr. Kabuk Lego,	
3	Forester	1	Shri Langpong Chillum,	
4	Forest Guard	1	Miss. Ugu Lego	
5	Forest Guard	1	Shri Monli Meto	
6	Animal Attendant	1	Smti. Anna Lego	
7	Animal Care Taker	1	Shri Deban Sharma	

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

9. Capacity Building of zoo personnel

Sl.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
Nil				

10. Zoo Advisory Committee –

a. Date of constitution

: No Committee has been constituted

- b. Members : Nil
c. Dates on which Meetings held during the year : Nil

11. Health Advisory Committee-

- a. Date of constitution : No Committee has been constituted
b. Members : NIL
c. Dates on which Meetings held during the year : NIL

12. Statement of income and expenditure of the Zoo

i) Income from Zoo	Rs.	3000/-
ii) Expenditure for feed & upkeepment	Rs.	643689/-
iii) Maint of Zoo	Rs.	1,79,06,690/-
iv) Wages of Zoo keepers - 2 Nos		

Total :-

13. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
	Mammal				
1	Assamese Macaque	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits	Nil
2	Leopard Cat	Meat	Meat	Meat	Alternate day
	Mammal				
3	Barking Deer	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Nil
4	Hog Deer	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Nil
5	Rhesus Macaque	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Chana, Pea, Carrot, Banana, sweet potato, & seasonal fruits, Fodder items	Nil
6	Indian Jackal	Meat	Meat	Meat	Nil

7	Reptile/ Amphibians				
	Python	Live Chicken	Live Chicken	Live Chicken	Every 15 days

14. Vaccination Schedule of animals

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

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
NIL			

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
NIL				

17. Health Check-up of employees for zoonotic diseases

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

18. Development Works carried out in The Zoo during the year

:The following developmental works have been carried out in the Zoo during the financial year 2023-24. Renovation of Zoo Gate, Constrn. of Deer Enclosure, Monkey enclosure, Constrn. of Security wall 250 mtr., Renovation of Zoo Dispensary with post Mortem room, Constrn. of Foot path laying CC Pavement road 512 Mtr., Constrn. of Circulation Road 496 Mtr., Constrn. of CC approach Road 325 Mtr., Constrn. of standoff barrier 82 Mtr., Making of sliding Gate at Mini Zoo. Renovation of Bear Enclosure, Improvement of Deer Enclosure

19. Education and Awareness programmes during the year : Nil

20. Important Events and happenings

:Nil

21. Seasonal special arrangements for upkeep of animals : Nil

22. Research Work carried out and publications : Nil

23. Conservation Breeding Programme of the Zoo : Nil

24. Animal acquisition / transfer / exchange during the year

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
NIL					
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
NIL					

25. Rescue and Rehabilitation of wild animals carried out by the Zoo

Sl.No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
1	8/3/2024	Barking Deer- M:1	Sunpura			Kept in the Zoo due to ill helth
2	13/2/2024	Serow -F:1	Tezu			-do-
3	20/1/2024	Crested Procupine- U:1	Pasighat			-do-

26. Annual Inventory of animals

ANNEXURE- IX
Part - I AProforma for annual inventory Report of Mini Zoo, Roing
Inventory Report for the year 2023-24

Endangered Species*																				
Sl.No.	Animal Name	Scientific Name	Opening stock as on				Birth			Acquisition			Death			Closing Stock as on				
			1/04/2023													31/03/2024				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T	
Bird					0	0									0				-	0
Total Birds					0	0													-	0
Mammal																				
1	Assamese Macaque	Macaca assamensis	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1
2	Civet Cat	Felis bengalensis	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Total Mammal			1	1		2									-	1	1		-	2
Reptile/ Amphibians																				
Total Reptile/ Amphibians																				
Invertebrates																				
Total Invertebrates																				
Total Animals			1	1	-	2									-	1	1	-	-	2

*Animals under Sch-I and II of Wildlife (Protection) Act, 1972

ANNEXURE- IX
Part - I B

Inventory Report for the year 2023-24

Other than Endangered Species*																				
Sl.No.	Animal Name	Scientific Name	Opening stock as on				Birth			Acquisition			Death			Closing Stock as on				
			1/04/2023													31/03/2024				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T	
Bird																				
Total Birds																				
Mammal																				
1	Barking Deer	Muntiacus Muntjak	8	8	-	1	1	1	-	1	-	-	-	-	-	1	9	-	-	19
2	Hog Deer	Axis porcinus	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1
3	Rhesus Macaque	Macaca mulatta	5	3	-	8	-	-	-	-	-	-	-	-	-	1	2	-	-	3
4	Indian Jackal	Canis aureus Indica	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1

5 Nos.
Rhesus
Macaque(
M:4,F:1)
released
to Wild.

4	Indian Jackal	Canis aureus Indica	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	
5	Serow	Capricornis sumatraensis											1			1		1	
6	Crested Procupine	Hysterix Indica												1			1	1	
Total Mammal			13	13	0	26	1	1	0	1	0	0	1	1	1	14	0	26	
Reptile/ Amphibians	Python	Python molurus			-							1				-	1	1	
Total Reptile/ Amphibian					0												1	1	
Invertebrates																			
Total Invertebrates																			
Total Animals			13	13	0	26	1	1	0	1	0	1	0	1	1	11	14	1	27

*Animals under Sch-I and II of Wildlife (Protection) Act, 1972

27. Mortality of animals

Sl.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
Nil					

28. Compliance with conditions stipulated by the Central Zoo Authority

29. List of free living wild animals within the zoo premises

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


DIVISIONAL FOREST OFFICER
MEHAO WILDLIFE SANCTUARY DIVISION
ROING