

**Computer No. 147012**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**CENTRAL ZOO AUTHORITY**

B-1 Wing, 6<sup>th</sup> Floor,  
Pt. Deendayal Antyodaya Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110 003  
Tel.: 011-24367846, 24367851, 24367852,  
Fax.: 011-24367849,  
E-mail: cza@nic.in, Website: <http://www.cza.nic.in>  
**Date: 16.01.2023**

To,

The Chief Wildlife Warden,  
Department of Forests,  
Government of Rajasthan,  
Aranya Bhawan, Institutional Area,  
Jhalana, Jaipur - 302004, Rajasthan  
(E-mail: cwlw.raj@gmail.com)

**Subject: Renewal of recognition of the Machia Biological Park, Jodhpur, Rajasthan under Section 38-H of the Wild Life (Protection) Act, 1972 - regarding.**

**Reference:**

1. This office letter No. 21-1/2021-CZA, Computer No. 158516, dated 30.08.2022.
2. Letter No.F()Development/ Dy.C.F.WL/2021-22/2433 dated August 17, 2021, from Shri Vijay Borana, Dy.C.F. (Wildlife), Jodhpur.
3. This Office Memorandum File No.7-10/2020-CZA(PART-I), dated 25.08.2020.

Sir,

With reference to above, I am directed to inform that the recognition of Machia Biological Park, Jodhpur, Rajasthan was accorded up to August 19<sup>th</sup>, 2021 vide reference no. 3 above. The application for the renewal of recognition of Machia Biological Park, Jodhpur, Rajasthan for the period beyond August 19<sup>th</sup>, 2021 was received by this office vide reference no. 2 above.

Shri R. K. Shukla, IFS(Retd.), Former PCCF(CWLW), Uttar Pradesh was deputed by this office to carry out the evaluation of the Machia Biological Park, Jodhpur, Rajasthan vide CZA letter at reference no. 1 above. The Zoo was accordingly evaluated on September 18<sup>th</sup> and 23<sup>rd</sup>, 2022.

The evaluation report (copy enclosed) as submitted by the evaluation officer was deliberated in the 106<sup>th</sup> meeting of the Technical Committee of the Central Zoo Authority held on September 27<sup>th</sup>, 2022. The Technical Committee after detailed deliberations recommended to the Central Zoo Authority for the renewal of recognition of Machia Biological Park, Jodhpur, Rajasthan for a period of two years and to regularise the period after August 19<sup>th</sup>, 2021, subject to compliance with observation/ recommendation in the table below and mid-term evaluation. The members also recommended that the Zoo Operator may be directed to submit half-yearly compliance report with respect to observation/ recommendation stipulated while renewal of recognition.

Subsequently, the recommendation of 106<sup>th</sup> Technical Committee Meeting was approved by the Chairperson, Central Zoo Authority. Accordingly, the Central Zoo Authority

5.	10.4 (2)	Ramp of Tiger house at keepers Gallery is too steep. It should be made gradual with platform so that a vehicle or cage with animal can easily reach the gate. Gate too needs modification as per CZA prescription.	Six Months
6.	10.4(1-10)	Proper signage should be placed mentioning Bird Section. Title of display should be placed as per available birds. Deployed Keepers should be instructed time to time to maintain and enrich the cages. One more large water pond should be constructed in natural shape in Emu enclosure. Pelican section should be modified in length and depth for water increase the volume accordance to CZA norms. All water points in enclosures should be camouflaged with mud colour instead of present white paint.	One year
7.	10.4(10)	The Interpretation centre needs to be improved and upgraded with latest Audio-visual and interactive educative material for visitors. Projector and other devices may be shifted to available hall new auditorium and should be made functional. A ramp for especially abled persons should be constructed at interpretation centre Description on Herbarium sheets are illegible which need to be rewritten.	One & half year
<b>5. Upkeep and healthcare of animals</b>			
8.	10.5(1)	Advised to make a provision of an adequate size footbath at the entry Gate of the Zoo after checking the ticket of the Visitor with a railing to channelize the Visitor to enter the Biological Park through the footbath with disinfectant	Six months
9.	10.5(2)	Recommended to have eco-friendly electric vehicles/ Golf carts for transportation of food/ fodder and other mobility etc.	One year
<b>6. Veterinary and infrastructure facilities</b>			
10.	10.6(1)	Recommended to purchase required medical/ dental/ surgical equipments for Zoo hospital as per recommended by Zoo veterinary officer, as per existing procurement rules.	One year
<b>12. Visitors facilities</b>			
11.	10.12(1)	Advised to create a series of 'Eating Joint' with drinking water facility and shed and benches at open space matching the background architecture of the Zoo at unutilised area in parking. The abundant Canteen area inside the Zoo may be used for some other activity. This way eatables and plastics can be kept out of the Zoo premises. Word 'ZOO' (in English) and Prani Udyan (in Hindi) should be carved at the Entry as well as inside the Machia Biological Park.	One and half year

A compliance report to the Central Zoo Authority on implementation of the aforesaid observation/ recommendation shall be submitted by the zoo within three months of issue of

has regularised the period after August 19<sup>th</sup>, 2021 and renewed the recognition of Machia Biological Park, Jodhpur, Rajasthan for a period up to January 11<sup>th</sup>, 2025 under Section 38-H(1), (3) & (4) of the Wild Life (Protection) Act, 1972. This is subject to the ratification of this decision in the next meeting of the Central Zoo Authority.

Sl.	Norm No.	Particulars of suggestions/ recommendation	Time Period to Comply
<b>1. General requirements</b>			
1.	10.1(7)	It has been noticed while inspecting the possible areas that the zoo because of the rocky terrain do not poses adequate septic tank of proper size to cater public need viz. Toilets in entire zoo premises and faces extreme sewage and drainage problem. The short comings can be met as a solution through installation of large capacity PVC biomass tanks or other possible alternatives. The proposal should be initiated immediately. Advised to have pay and use toilet facility in outer vicinity of entry gate.	Six Months
<b>2. Administrative and Staffing Pattern</b>			
2.	10.2(1 & 2)	The In-Charge is the DCF Wildlife whose office is in the Machia Biological Park. Officer has dual charge of Zoo and Wildlife, Jodhpur. Due to this arrangement the Officer has high occupancy. In the interest of the future development of the Zoo, a need for the independent posting of 01 ACF, 01 Range Officer and 02 Forester immediately. One Veterinarian is posted who is over worked due to dual charge of Zoo and nearby Rescue Centre and has to go on trainings etc. There is an immediate need to strengthen the scientific and technical Staff for the Zoo. The Zoo Operator/ HOFF/ CWLW to ensure on priority. CCF, Wildlife, Jodhpur to raise demand to the competent authority with comments of Zoo Evaluator.	One year
<b>4. Animal housing, display of animals and animal enclosures</b>			
3.	10.4 (2)	In existing water point, Saucer shape should be constructed in sunny area in Crocodile and Gharial enclosures, Area of Gharial Enclosure should be increased to available existing space outside. Sand should be provided inside enclosure as a basking space. A separate channel should be made for putting the animal while cleaning of pond has to be executed.	One year
4.	10.4 (2)	Concertina wire in the light of reported presence of Panther in the area makes it essential. The Branches of planted trees like Peepal, Neem, etc. outside the fence should be constantly pruned or even pollard where it is essential, since now the branches of trees have started touching the fence. Any wild animal from outside can enter the fenced area of ungulates from outside.	Six Months

this letter. Further, half yearly report regarding progress made in the implementation of the aforesaid conditions should also be submitted to the Central Zoo Authority.

The recognition of Machia Biological Park, Jodhpur, Rajasthan for the period beyond January 11<sup>th</sup>, 2025 would be considered on the basis of compliance of the conditions stated above, mid-term evaluation and general performance of the zoo.

The recognition of Machia Biological Park, Jodhpur, Rajasthan shall be revoked by the Central Zoo Authority, at any point of time, if the zoo operator is found not complying with the stipulated conditions.

This issues with approval of the competent authority.

Yours sincerely

**Encl.:** As above

(Akanksha Mahajan)  
DIG(HQ)

**Copy for information / necessary action to:**

1. The Deputy Conservator of Forests (Wildlife), Jodhpur & In-charge, Machia Biological Park, Kaylana Road, Jodhpur -342008, Rajasthan. Email: dcfwldpr@gmail.com.
2. The DPA, O/o CZA – to update database and to upload on official website of the CZA.

(Akanksha Mahajan)  
DIG(HQ)



भारत सरकार  
Government of India  
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय  
Ministry of Environment, Forest & Climate Change



केंद्रीय चिड़ियाघर प्राधिकरण  
Central Zoo Authority

F. No. 19-44/92-CZA(228)(Vol. VI)(NS) / 1489/2019

By Post / E-mail  
Date: 23.09.2019

To,

The Chief Wildlife Warden,  
Department of Forests,  
Government of Rajasthan,  
Aranya Bhawan, Institutional Area, Jhalana,  
Jaipur- 302 004. Rajasthan.  
Email: cwlw.raj@gmail.com.

**Sub:-** Renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan for period beyond 28.09.2019 under Section 38H(1) of the Wildlife (Protection) Act, 1972 – reg.

**Ref:-**

- (i) This office letter F. No. 19-44/92-CZA(228)(Vol. VI)(NS)/4885/2018, dated 29.11.2018.
- (ii) Letter no. F()Dev./DCF/WL/2019-20/1375, dated 03.04.2019 from the DCF(WL), Jodhpur

Sir,

Reference is invited to above cited correspondences. It is to inform that the compliance report of the Machia Biological Park, Jodhpur, Rajasthan was considered by the Technical Committee in its 90<sup>th</sup> Meeting held on 06.06.2019. After detailed deliberations, the Technical Committee recommended to the CZA for renewal of recognition of the Machia Biological Park, Jodhpur, Rajasthan for a period of one year.

The recommendations of the 90<sup>th</sup> meeting of the Technical Committee held on 06.06.2019 were placed before the Central Zoo Authority in its 35<sup>th</sup> Meeting held on 29.08.2019. The Authority approved the recommendation of the Technical Committee and decided to grant renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan under Section 38H(1) of the Wildlife (Protection) Act, 1972.

The renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan as a "Medium Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 28.08.2020 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation:-

Sr. No	RZR, 2009 Norm No.	Particulars of suggestions/ recommendation	Time Period to Comply
<b>1. General requirements</b>			
1	10.1(9)	The zoo should have proper and appropriate arrangements for managing solid and liquid waste and storm water with no adverse impact on the surrounding environment.	Covered drainage should be constructed immediately

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F. No. 19-44/92-CZA(228)(Vol. VI)(NS), Dt. 23.09.2019

<b>2. Administrative &amp; Staffing Pattern</b>			
2	10.2(1)	The zoo should have a full time officer-in-charge with adequate financial and administrative powers who should be responsible for the affairs of the zoo. The present officer-in-charge is having additional responsibilities as Dy conservator of Forests.	As reported in the report, submit the documentary evidence to verify compliance immediately.
3	10.2(2)	The zoo should post an official with a Master's degree in Wildlife Science/ Zoology as a full time Curator, solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.	Immediately
4	10.2(2)	Appropriately qualified persons should be put in place to carry out the functions of Biologist.	Immediately
5	10.2(2)	Appropriately qualified persons should be put in place to carry out the functions of Education Officer.	Immediately
6	10.2(3)	In case of the scientific and technical posts to be filled up by direct recruitment, the Recruitment Rule for such posts should provide for their career progression including the benefit of flexible complementing scheme for their promotions.	Immediately
<b>3. Development and Planning</b>			
7	10.3(6)	The zoo should house animals only as per the approved Collection Plan of animals to be housed and displayed in the zoo.	Immediately
8	10.3(6)	If the rescued animal pertains to an endangered species, a report should be sent to the Central Zoo Authority.	As reported documentary evidence should be submitted to verify the compliance immediately
<b>4. Animal housing, display of animals and animal enclosures</b>			
9	10.4(1)	The Zoo should make concerned efforts to nature immersing animal viewing facilities at all 20 animal exhibits of all species at the zoo.	As reported the process should be completed at the earliest.
10	10.4(2)	In the Crocodile and Gharial enclosure, the water body has to be done in saucer shape to facilitate the easy movement of animals to come out on the land for basking.	As reported the process should be completed following the guidelines and norms prescribed by the CZA at the earliest.

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11	10.4(2)	In the enclosure for Blackbuck, Spotted deer and Chinkara, the animal house and fencing towards the animal house should be camouflaged with plantations.	Immediately
12	10.4(2)	In the Tiger enclosure, the wall of night cell towards the keepers' gallery in the animal house should be dismantled and replaced by bars with sufficient space and distance with provision of feeding window.	Immediately
13	10.4(2)	In the Lion enclosure, the wall of night cell towards the keepers' gallery in the animal house should be dismantled and replaced by bars with sufficient space and distance with provision of feeding window.	Immediately
14	10.4(2)	In case of the Panther enclosure, the arena of the enclosure is mostly on the rocks with a least chance to provide natural vegetation. Therefore, arena should be towards the <i>nullah</i> including the vegetated land area and by separating the back side of the arena towards animal house in two portions which could be used as kraal as shown in the drawing by the earlier evaluator of the zoo of the CZA.	Immediately
15	10.4(2)	In the Panther enclosure, the wall of night cell towards the keepers' gallery in the animal house should be dismantled and should be replaced by bars with sufficient space and distance with provision of feeding window.	Immediately
16	10.4(2)	The operation of the drop gates and slide gates in the entire zoo should be modified in such a manner that the animals are visible to the visitor while operating the gates.	Immediately
17	10.4(5)	The avian species brought from the old zoo have been housed in the substandard enclosures as per CZA specification. It should be addressed immediately.	Immediately
18	10.4(9)	In the Tiger enclosure, the standoff barrier could be placed by increasing the live hedge area from 10-12 ft. away from the main fencing of the enclosure.	Immediately
19	10.4(9)	In case of the Lion enclosure, the standoff barrier should be erected by providing sufficient area for live hedge as prescribed for tiger enclosure.	Immediately
<b>5.Upkeep and Healthcare of animals</b>			
20	10.5(1)	There should be provision of footbath of adequate size with proper disinfectant at entry and exit points of all animal houses.	Immediately
21	10.5(2)	The meat handlers entering the facility should change into a clean and disinfected boots and coveralls.	As reported the photographic evidence should be submitted immediately
22	10.5(2)	The food and water samples should be tested randomly and periodically for microbiological, toxicological and any other contaminants at recognized laboratory.	Immediately

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23	10.5(4)	The feeding cells of the ungulate enclosures are located at prominent locations within the paddock. These should be demolished and appropriately designed feeding cells and kraals should be constructed at the end of the paddock away from the animal viewing area. Similarly, the water points of the enclosures near the visitors viewing areas should be moved away from the visitors. All kraals should be covered on top by chain-link.	As reported the photographic evidence should be submitted immediately
24	10.5(10)	The Zoo should make arrangements for recording in writing the detailed information about biological behaviour, population dynamics and veterinary care of the animals exhibited, so that a detailed database can be developed. This database should be exchanged with other zoos as well as the Central Zoo Authority.	Immediately
<b>6. Veterinary and infra-structure facilities</b>			
25	10.6(1)	The doors of wards of the enclosures of the Veterinary Hospital should be with a provision of sliding doors in the partition and dropping system in the door opening towards arena.	Immediately
26	10.6(3)	The Zoo should provide one qualified Lab Assistant / Compounder for assisting the Veterinary Officer in healthcare of zoo animals.	Immediately
27	10.6(6)	The zoo should have formal MoU with the nearest veterinary institute at the earliest for healthcare of zoo animals with following objectives a) Assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment. b) Training and upgrading technical skills of animal health staff. c) Development of protocols for preventive medicines and vaccination	As reported the documentary evidence should be submitted immediately
<b>7. Post-mortem and disposal of carcasses of animals</b>			
28	10.7(2)	The zoo veterinarian should have specialized knowledge and skills in wildlife pathology. He should be deputed for such skill development.	Immediately
29	10.7(2)	The zoo should have an appropriate incinerator for disposal of animal carcass in an environment friendly manner.	Immediately
<b>9. Acquisition and breeding of animals</b>			
30	10.9(1)	The Zoo should keep in collection only such numbers and species for which appropriate housing facility exists. The Zoo Operator shall be responsible for ensuring that the number of animals of any species does not go beyond the carrying capacity of the enclosures available in the zoo and housing standards are not compromised for keeping the excessive numbers. The animals in excess number at the zoo should be shifted to other recognised zoos in consultation with the Central Zoo Authority.	Immediately
31	10.9(4)	The zoo should acquire mates for single and unpaired animals on priority basis and in the event of the zoo failing to find a mate for single and unpaired animal within a period of six months, the unpaired or single animal should be transferred or exchanged or given on breeding loan to any other zoo in accordance with the norms specified by the Central Zoo Authority in this regard.	Immediately

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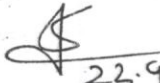
32	10.9(4)	The zoo should provide mates for the Jungle Cat, Mugger, Silver pheasant etc.	Immediately
33	10.9(9)	The Zoo Operator should take necessary steps to safeguard against uncontrolled growth in the population of species like Spotted deer, Black buck, Chinkara etc. by adopting appropriate population control measures.	Immediately
<b>10. Research activities</b>			
34	10.10(1)	The zoo should prepare a detailed Research Plan for the zoo and execute it with the help of the Research personnel and Biologists. MoU should be signed in this regard with eminent Research Institutions.	Immediately

A time bound compliance report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority within 30 days of the date of issue of this letter and half yearly compliance report should also be submitted subsequently.

The renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan for period beyond 28.08.2020 as a "Medium Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Machia Biological Park, Jodhpur, Rajasthan shall be revoked by the Central Zoo Authority, at any point of time, if the, Zoo Operator is found not complying with the stipulated conditions.

Yours Sincerely,

  
23.9.19  
(Dr. S.P. Yadav)  
Member Secretary

**Copy to:-**

1. The Deputy Conservator of Forests (Wildlife), Jodhpur & In-charge, Machia Biological Park, Kaylana Road, Jodhpur- 342 008. Rajasthan. (Email: dcfwjdp@gmail.com )
2. The DPA, CZA – to update database.



भारत सरकार  
Government of India  
पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय  
Ministry of Environment, Forest & Climate Change



केंद्रीय चिड़ियाघर प्राधिकरण  
Central Zoo Authority

पंजीकृत डाक  
REGISTERED POST

By Post / E-mail

F. No. 19-44/92-CZA(228)(Vol. VI)(NS)/4885/2018

Date :29.11.2018

To,

The Chief Wildlife Warden,  
Department of Forests,  
Government of Rajasthan,  
Aranya Bhawan, Institutional Area, Jhalana,  
Jaipur- 302 004. Rajasthan.  
Email: cwlw.raj@gmail.com.

Sub:- Renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan for period beyond 30.04.2018 under Section 38H(1) of the Wildlife (Protection) Act, 1972 – reg.

Ref:-

- (i) This office letter F. No. 19-44/92-CZA(228)(Vol. VI)(NS)/6986, dated 17.04.2015.
- (ii) This office letter F. No. 19-44/92-CZA(228)(Vol. VI)(AK)/ 4067/2018, dated 30.07.2018.
- (iii) Letter no. F(25)Development/DCF/WL/2018-19/3186, dated 17.09.2018 from the DCF(WL), Jodhpur

Sir,

Reference is invited to above cited correspondences. It is to inform that the evaluation of Machia Biological Park, Jodhpur, Rajasthan was carried out by the undersigned on 13-14.09.2018. The evaluation report of the Machia Biological Park, Jodhpur, Rajasthan was considered by the Technical Committee in its 86<sup>th</sup> Meeting held on 28.09.2018. After detailed deliberations, the Technical Committee decided for renewal of recognition of the Machia Biological Park, Jodhpur, Rajasthan for a period of one year. A copy of the evaluation report is enclosed with this letter for your perusal and needful action.

The renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan as a "Small Category Zoo" as per the provisions of Section 38H(1) of the Wild Life (Protection) Act, 1972 is for a period up to 28.09.2019 subject to the compliance of the following directives under the **Recognition of Zoo Rules (RZR), 2009** and mid-term evaluation, and to regularise the period after 30.04.2018:-

Sr. No	RZR , 2009 Norm No.	Particulars of suggestions/ recommendation	Time Period to Comply
<b>1. General requirements</b>			
1	10.1(3)	The ticketing area near the gate appears to be inadequate. Therefore, in case of large number of visitors, the provision for lining with standoff barrier in zigzag manner should be done.	Immediately
2	10.1(6)	Proper drainage should be provided in all of the animal enclosures for liquid waste and storm water.	Six months

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3	10.1(9)	The zoo should have proper and appropriate arrangements for managing solid and liquid waste and storm water with no adverse impact on the surrounding environment.	Immediately
4	10.1(9)	The zoo should remove domestic animals such as pigeons etc from within the zoo collection.	Immediately
<b>2. Administrative &amp; Staffing Pattern</b>			
5	10.2(1)	The zoo should have a full time officer-in-charge with adequate financial and administrative powers who should be responsible for the affairs of the zoo. The present officer-in-charge is having additional responsibilities as Dy conservator of Forests.	Immediately
6	10.2(2)	The zoo should post an official with a Master's degree in Wildlife Science/ Zoology as a full time Curator, solely responsible for looking after the upkeep of animals and maintenance of animal enclosures.	Immediately
7	10.2(2)	Appropriately qualified persons should be put in place to carry out the functions of Biologist.	Immediately
8	10.2(2)	Appropriately qualified persons should be put in place to carry out the functions of Education Officer.	Immediately
9	10.2(3)	In case of the scientific and technical posts to be filled up by direct recruitment, the Recruitment Rule for such posts should provide for their career progression including the benefit of flexible complementing scheme for their promotions.	Immediately
10	10.2(4)	The veterinarian of the zoo may be provided residence adjacent to the zoo premises. He is staying at present 14 km away from the zoo and the response time is stated to be one hour.	Immediately
<b>3. Development and Planning</b>			
11	10.3(6)	The zoo should house animals only as per the approved Collection Plan of animals to be housed and displayed in the zoo.	Immediately
12	10.3(6)	The zoo should get the Rescue Centre functional with Isolation and Quarantine Wards for animals of different species that are received as rescued animals.	Six months
13	10.3(6)	If the rescued animal pertains to an endangered species, a report should be sent to the Central Zoo Authority.	Immediately
<b>4. Animal housing, display of animals and animal enclosures</b>			
14	10.4(1)	The Zoo should make concerned efforts to nature immersing animal viewing facilities at all 20 animal exhibits of all species at the zoo.	Six months
15	10.4(2)	In the Crocodile and Gharial enclosure, the water body has to be done in saucer shape to facilitate the easy movement of animals to come out on the land for basking.	Six months
16	10.4(2)	In the enclosure for Blackbuck, Spotted deer and Chinkara, the ramp of the night shelter should be camouflaged by putting the earth making it natural. The concertina wire on top of the chain link fence is not required and should be removed.	Immediately
17	10.4(2)	In the enclosure for Blackbuck, Spotted deer and Chinkara, the retaining wall constructed inside the arena should be camouflaged by putting earth and with plants.	Immediately

18	10.4(2)	In the enclosure for Blackbuck, Spotted deer and Chinkara, the animal house and fencing towards the animal house should be camouflaged with plantations.	Immediately
19	10.4(2)	In case of the Lion enclosure, the visitors view point should be modified as advised by the evaluator earlier since but the visibility of the animal is not sufficient for visitors due to shape and topography of the enclosure.	Immediately
20	10.4(2)	In the Tiger enclosure, the wall of night cell towards the keepers' gallery in the animal house should be dismantled and replaced by bars with sufficient space and distance with provision of feeding window.	Immediately
21	10.4(2)	In the Lion enclosure, the wall of night cell towards the keepers' gallery in the animal house should be dismantled and replaced by bars with sufficient space and distance with provision of feeding window.	Immediately
22	10.4(2)	In case of the Panther enclosure, the arena of the enclosure is mostly on the rocks with a least chance to provide natural vegetation. Therefore, arena should be towards the <i>nullah</i> including the vegetated land area and by separating the back side of the arena towards animal house in two portions which could be used as kraal as shown in the drawing by the earlier evaluator of the zoo of the CZA.	Immediately
23	10.4(2)	In the Panther enclosure, the wall of night cell towards the keepers' gallery in the animal house should be dismantled and should be replaced by bars with sufficient space and distance with provision of feeding window.	Immediately
24	10.4(2)	The operation of the drop gates and slide gates in the entire zoo should be modified in such a manner that the animals are visible to the visitor while operating the gates.	Immediately
25	10.4(5)	The avain species brought from the old zoo have been housed in the substandard enclosures as per CZA specification. It should be addressed immediately.	Immediately
26	10.4(7)	In the Tiger enclosure, the area between the tiger and lion enclosure should be filled up with earth and both enclosures should be screened by planting appropriate species.	Immediately
27	10.4(9)	In the Tiger enclosure, the standoff barrier could be placed by increasing the live hedge area from 10-12 ft. away from the main fencing of the enclosure.	Immediately
28	10.4(9)	In case of the Lion enclosure, the standoff barrier should be erected by providing sufficient area for live hedge as prescribed for tiger enclosure.	Immediately
29	10.4(10).	The Zoo Operator should ensure that every enclosure in the zoo should bear a sign board displaying scientific information regarding the animals exhibited in it.	Immediately
<b>5.Upkeep and Healthcare of animals</b>			
30	10.5(1)	There should be provision of footbath of adequate size with proper disinfectant at entry and exit points of all animal houses.	Immediately
31	10.5(1)	The zoo should have a sufficient size functional freezer in the meat processing facility for storage of meat products and to keep cold until it is fed.	Immediately

32	10.5(2)	The storage conditions of the food items should be ensured free from moisture, moulds and pests. The food items in Feed Store should be kept on raised platforms to avoid deterioration of food due to moisture etc.	Immediately
33	10.5(2)	The containers of the feed items should be kept neat and clean. The items should be stored in a hygienic manner.	Immediately
34	10.5(2)	The food storage facilities and working platforms should be cleaned and disinfected on regular basis.	Immediately
35	10.5(2)	Properly designed meat processing room should be constructed at a reasonable distance from the food store and kitchen.	Six months
36	10.5(2)	The meat room should be ensured fly proof and pest free with proper drainage facilities..	Six months
37	10.5(2)	The meat handlers entering the facility should change into a clean and disinfected boots and coveralls.	Immediately
38	10.5(2)	The meat handlers should use clean gloves when handling the meat.	Immediately
39	10.5(2)	The keepers should use clean gloves, while they handle the meat prior to feeding animals.	Immediately
40	10.5(2)	The food and water samples should be tested randomly and periodically for microbiological, toxicological and any other contaminants at recognized laboratory.	Immediately
41	10.5(4)	The feeding cells of the ungulate enclosures are located at prominent locations within the paddock. These should be demolished and appropriately designed feeding cells and kraals should be constructed at the end of the paddock away from the animal viewing area. Similarly, the water points of the enclosures near the visitors viewing areas should be moved away from the visitors. All kraals should be covered on top by chain-link.	Six months
42	10.5(10)	The Zoo should make arrangements for recording in writing the detailed information about biological behaviour, population dynamics and veterinary care of the animals exhibited, so that a detailed database can be developed. This database should be exchanged with other zoos as well as the Central Zoo Authority.	Immediately
<b>6.Veterinary and infra-structure facilities</b>			
43	10.6(1)	The Veterinary Hospital should be made functional.	Immediately
44	10.6(1)	The Veterinary Hospital should have a full fledged veterinary unit with all basic diagnostic facilities, pharmacy, diagnostic and treatment room, comprehensive range of drugs, operation theatre and in-patient wards.	Immediately
45	10.6(1)	The doors of wards of the enclosures of the Veterinary Hospital should be with a provision of sliding doors in the partition and dropping system in the door opening towards arena.	Immediately
46	10.6(3)	The Zoo should provide one qualified Lab Assistant / Compounder for assisting the Veterinary Officer in healthcare of zoo animals.	Immediately
47	10.6(3)	The zoo should have basic dental instruments.	Immediately

48	10.6(6)	The zoo should have formal MoU with the nearest veterinary institute at the earliest for healthcare of zoo animals with following objectives a) Assistance in scientific diagnosis of diseases of serious nature and advice on the effective remedial treatment. b) Training and upgrading technical skills of animal health staff. c) Development of protocols for preventive medicines and vaccination	Immediately
<b>7.Post-mortem and disposal of carcasses of animals</b>			
49	10.7(1)	The post mortem room should be made functional and it should be equipped with sufficient light and post mortem equipments.	Six months
50	10.7(2)	The zoo veterinarian should have specialized knowledge and skills in wildlife pathology. He should be deputed for such skill development.	Immediately
51	10.7(2)	The zoo should have an appropriate incinerator for disposal of animal carcass in an environment friendly manner.	Immediately
<b>9. Acquisition and breeding of animals</b>			
52	10.9(1)	The Zoo should keep in collection only such numbers and species for which appropriate housing facility exists. The Zoo Operator shall be responsible for ensuring that the number of animals of any species does not go beyond the carrying capacity of the enclosures available in the zoo and housing standards are not compromised for keeping the excessive numbers. The animals in excess number at the zoo should be shifted to other recognised zoos in consultation with the Central Zoo Authority.	Six months
53	10.9(4)	The zoo should acquire mates for single and unpaired animals on priority basis and in the event of the zoo failing to find a mate for single and unpaired animal within a period of six months, the unpaired or single animal should be transferred or exchanged or given on breeding loan to any other zoo in accordance with the norms specified by the Central Zoo Authority in this regard.	Six months
54	10.9(4)	The zoo should provide mates for the Jungle Cat, Mugger, Silver pheasant etc.	Six months
55	10.9(9)	The Zoo Operator should take necessary steps to safeguard against uncontrolled growth in the population of species like Spotted deer, Black buck, Chinkara etc. by adopting appropriate population control measures.	Six months
<b>10.Research activities</b>			
56	10.10(1)	The zoo should prepare a detailed Research Plan for the zoo and execute it with the help of the Research personnel and Biologists. MoU should be signed in this regard with eminent Research Institutions.	Immediately

12. Visitor Facilities			
57	10.12(1)	The visitors of the zoo are being forced to pass through the Canteen while coming out of the zoo. The visitors may be made to pass on the visitors path along and in front of the Canteen, but they should not be forced to exit after passing through inside of the Canteen only.	Immediately
58	10.12(2)	Anti snake venom should be kept	Immediately

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

The renewal of recognition to the Machia Biological Park, Jodhpur, Rajasthan for period beyond 28.09.2019 as a "Small Category Zoo" would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Machia Biological Park, Jodhpur, Rajasthan shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

Yours sincerely



(Dr. D.N. Singh)  
Member Secretary

**Encl. As above**

**Copy to:-**

1. The Deputy Conservator of Forests (Wildlife), Jodhpur & In-charge, Machia Biological Park, Kaylana Road, Jodhpur- 342 008. Rajasthan. Email: [dcfwljdpr@gmail.com](mailto:dcfwljdpr@gmail.com)
2. The DPA, CZA – to update database.



GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE

**Central Zoo Authority**



F. No. 19-44/92-CZA(228)(Vol. III)(NS)/6986

DATE: 17.04.2015

To

The Deputy Conservator of Forests(WL)  
Jodhpur Zoo, Ummed Park,  
High Court Road,  
Jodhpur- 342 001 (Rajasthan)

**Sub:- Renewal of recognition to the Machia Biological Park (Relocation of Jodhpur Zoo), Jodhpur, Rajasthan under Section 38H of the Wild Life (Protection) Act, 1972 beyond the period of 31.01.2014.**

Sir,

The evaluation of the Machia Biological Park (Relocation of Jodhpur Zoo), Jodhpur, Rajasthan was carried out by Sh. B. S. Bonal on 04.10.2014. The evaluation report of the Machia Biological Park (Relocation of Jodhpur Zoo), Jodhpur, Rajasthan as submitted by the evaluating officer was considered by the Technical Committee in its 73<sup>rd</sup> Meeting held on 10<sup>th</sup> March, 2015.

The Central Zoo Authority has decided to grant recognition to Machia Biological Park (Relocation of Jodhpur Zoo), Jodhpur, Rajasthan, Jodhpur, Rajasthan under Section 38H of the Wild Life (Protection) Act, for a period up to 30.04.2018 subject to the compliance of the following directives under the Recognition of Zoo (Amendment) Rules, 2013 and mid-term evaluation of the zoo:-

**Machia Biological Park (new site for Shifting the Zoo)**

S. No.	Norm No.	Particulars of Suggestions	Time Required to Comply
<b>1. General Requirements</b>			
1	1(3)	<b><u>Ticket window:-</u></b> 1. Height of the boundary wall should be increased as per guidelines of CZA with appropriate design to prevent intrusion of stray animals, dogs etc. 2. The ticketing area near the gate seems to	Immediately

be inadequate. Therefore, in case of large number of visitors, the provision for lining with standoff barrier in zigzag manner should be done.

3. The steps should be placed to reach to the ticket window comfortable.
4. In case of heavy rush in occasions, provision for emergency ticket counter may be made.
5. The provision for checking of ticket should be established near the gate itself.
6. The proposed facility for sitting benches near the ticket counter should not be in the middle of area, if at all required should be done along the wall.

**4. Animal Housing, display of animals and animal enclosures**

2	4(1-10)	<p><b><u>Crocodile and Gharial enclosure:-</u></b></p> <ol style="list-style-type: none"> <li>1. The water body has to be done in saucer shape to facilitate the easy movement of animals to come out on the land for basking.</li> <li>2. The visitors view point should be prominently developed with the emersion effect. Rest of the area other than visitors viewing side should be camouflaged with the vegetation.</li> <li>3. Due enrichment should be done inside the enclosure including providing the sand for basking. The back of enclosure should be camouflaged by planting appropriate species.</li> </ol>	Immediately
3	4(1-10)	<p><b><u>Enclosure of Black buck, Spotted deer and Chinkara:-</u></b></p> <ol style="list-style-type: none"> <li>1. There is no standoff barrier. Therefore, the standoff barrier of minimum prescribed height by the CZA may be established providing the viewing point restricted to 25% with emersion effect.</li> <li>2. The ramp of the night shelter should be camouflaged by putting the earth making it natural. The concertina wire on top of the chain link fencing is not required and should be removed.</li> <li>3. The retaining wall constructed inside the arena should be camouflaged by putting earth and doing plantations.</li> <li>4. The feeding provisions should be</li> </ol>	Immediately

		<p>scattered in different sites (4-5 sites) with higher ground.</p> <ol style="list-style-type: none"> <li>The animal house and fencing towards the animal house should be camouflaged by doing plantations.</li> <li>Proper signage both educational and warning should be placed at appropriate place.</li> </ol>	
4	4(1-10)	<p><b>Tiger enclosure:-</b></p> <ol style="list-style-type: none"> <li>The standoff barrier could be placed by increasing the live hedge area from 10-12 ft. away from the main fencing of the enclosure.</li> <li>The information signage and warning signage should be placed at appropriate places.</li> <li>The area between the tiger and lion enclosure should be filled up with earth and screen both the enclosures by planting appropriate species.</li> <li>The wall of night cell towards the keepers' gallery in the animal house should be dismantled and replace by bars with sufficient space and distance with provision of feeding window.</li> </ol>	Immediately
5	4(1-10)	<p><b>Lion enclosure:-</b></p> <ol style="list-style-type: none"> <li>The visitors view point should be placed as instructed during the visit away from the tiger enclosure.</li> <li>The standoff barrier should be erected by providing sufficient area for live hedge as prescribed for tiger enclosure.</li> <li>The provision for squeeze cage in the animal house should be provided at the last animal cell. The design could be had from the Ahmedabad Zoo.</li> <li>The wall of night cell towards the keepers' gallery in the animal house should be dismantled and replace by bars with sufficient space and distance with provision of feeding window.</li> <li>Provide Almirah in Keepers' gallery to keep belongings of keeper.</li> </ol>	Immediately
6	4(1-10)	<p><b>Panther enclosure :-</b></p> <ol style="list-style-type: none"> <li>The arena of the enclosure is mostly on the rocks with a least chance to provide natural vegetation. Therefore, arena</li> </ol>	Immediately

		<p>should be towards the nullai including the vegetated land area and by separating the back side of the arena towards animal house in two portions which could be used as kraal as shown in drawing during the visit.</p> <ol style="list-style-type: none"> <li>The arena should be provided with appropriate enrichment materials like logs, trees, perching resting sides etc.</li> <li>The wall of night cell towards the keepers' gallery in the animal house should be dismantled and replace by bars with sufficient space and distance with provision of feeding window</li> </ol>	
7	4(1-10)	<p><b><u>Bear enclosure:-</u></b></p> <ol style="list-style-type: none"> <li>The proposed construction of bear enclosure should be placed as shown during the visit by inclusion of rocky/ hilly area/ plain area by providing natural enrichment as directed and shown in the drawing during the visit.</li> </ol>	Immediately
<b>5. Upkeep and Health care of animals</b>			
8	5(2)	<p><b><u>Food store:-</u></b></p> <ol style="list-style-type: none"> <li>The store room for vegetables and dry ration seems to be perfect. However, the room for meat should be separated.</li> <li>The window of the meat house should be converted as gate to provide separate entry with proper approach. The necessary facility for cutting of meat and platform along with the weighing machine should be placed inside the meat house.</li> </ol>	Immediately
<b>6. Veterinary and Infrastructure facilities</b>			
9	6(1,2)	<p><b><u>Veterinary hospital:-</u></b></p> <ol style="list-style-type: none"> <li>The doors of enclosure for herbivores are not proper which should be with a provision of sliding doors in the partition and dropping system in the door opening towards arena.</li> </ol>	Immediately

11. The Machia Biological Park at new site is completed and all animals are  
 immediately suggested to be shifted to the appropriate section.  
 Jodhpur Zoo, Jodhpur

S. No.	Norm No.	Particulars of Suggestions	Time Required to Comply
<b>3. Development and Planning</b>			
1.	3 (5-7)	<b>Rescue Centre:-</b> <ol style="list-style-type: none"> <li>1. The rescued young babies of wolf kept in Cat section should be shifted to the Rescue Centre.</li> <li>2. The rescued Vultures should be sent either to Bhopal or Hyderabad Vulture Breeding Centre after confirmation of the Spp. and appropriate direction from the CZA office.</li> <li>3. Pigeons should immediately be released from the centre. The peacocks and other birds once they are treated should immediately be released to the free range area.</li> </ol>	Immediately
<b>4. Animal Housing, display of animals and animal enclosures</b>			
2	4(1-10)	<b>Bird Section:-</b> <ol style="list-style-type: none"> <li>1. The floor of the enclosure should be covered with earth and provide natural environment by planting appropriate species of plants.</li> <li>2. The diseased/ dilapidated birds (feather damaged) should not be kept in the display. The enclosure should be providing perching materials and nesting box etc.</li> <li>3. The feed should be provided at different times at different places so as to make the birds exercise.</li> </ol>	Immediately
3	4(1-10)	<b>Civet cat:-</b> <ol style="list-style-type: none"> <li>1. The Civet cat displayed in bird section should be removed to the appropriate section.</li> <li>2. The enclosure for Budgerigars is very small with no adequate space. It should be immediately be shifted to the larger cage.</li> <li>3. The visitors should not be allowed to see all around the enclosure and restrict to 25% by indicating appropriately.</li> </ol>	Immediately

4	4(1-10)	<p><b>Bear Section:-</b></p> <ol style="list-style-type: none"> <li>1. No live hedge planted in between the standoff barrier and fencing, should immediately be planted.</li> <li>2. Plantation should be done by appropriate species and allow them to grow to camouflage the animal house etc from the viewing site.</li> <li>3. The fencing materials kept inside the enclosure as store should be removed.</li> </ol>	Immediately
5	4(1-10)	<p><b>Deer Section:-</b></p> <ol style="list-style-type: none"> <li>1. The number of Spotted deer has been exceeded more than the carrying capacity. Appropriate population control measures may be taken up as instructed during the visit by segregating male and female or other method.</li> <li>2. The feed should be given to the different locations in order to allow the weaker and young ones to have food which are otherwise not allowed by dominant males.</li> <li>3. The visitors should be restricted to 25% viewing site by preventing them to go towards the back side and all around the enclosure</li> </ol>	Immediately
6	4(1-10)	<p><b>Cat Section:-</b></p> <ol style="list-style-type: none"> <li>1. The Lion should be shifted to the existing empty tiger enclosure and close the visitors to move other side which is empty.</li> <li>2. In order to smoothen movement of visitors, the existing main gate to Cat section should be closed and allow to move next gate near the panther and enclosure.</li> <li>3. The food should be given to the animals in the afternoon being the nocturnal animals and the viewing area should be restricted to 25%.</li> <li>4. The night shelter of Lions and Leopards should be properly enriched</li> </ol>	Immediately
<b>5. Upkeep and Health care of animals</b>			
7	5(1-2)	<p><b>Slaughter House:-</b></p> <ol style="list-style-type: none"> <li>1. The slaughter house should be closed and removed from the section and get meat from the authorized slaughter house.</li> </ol>	Immediately

A half yearly report regarding progress made in implementation of the aforesaid condition should be submitted to the Central Zoo Authority.

Grant of recognition to Machia Biological Park (Relocation of Jodhpur Zoo), Jodhpur, Rajasthan beyond 30.04.2018 would be considered on the basis of compliance of the condition stated above and general performance of the zoo.

The recognition to the Machia Biological Park (Relocation of Jodhpur Zoo), Jodhpur, Rajasthan shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

**Yours faithfully,**

  
**(Vinod Ranjan)**  
**Member Secretary**

Copy to:-

1. The Chief Wildlife Warden, Government of Rajasthan, Jaipur for favour of information.
2. Mr. Vivek Goel, DPA, CZA.

  
**(Vinod Ranjan)**  
**Member Secretary**





SPEED POST

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS  
**Central Zoo Authority**

**BY REGISTERED POST****F. No. 19-44/92-CZA(228)(Vol. III)(M)****DATE: 18.01.2011**

To

The Deputy Conservator of Forests (WL)  
Jodhpur Zoo, Ummed Park,  
High Court Road,  
Jodhpur – 342 001 (Rajasthan).

**Sub:- Renewal of Recognition to Jodhpur Zoo, Jodhpur beyond the period of 31.03.2010 under Section 38 H of the Wild Life (Protection) Act - Regarding.**

**Ref:- Your office letter No. Dev/Dy. C. F./10-11/1869 dated 27.06.2010.**

Sir,

Reference is invited to the above cited correspondence.

The evaluation of the Zoo was carried out on 11<sup>th</sup> September, 2010 and the evaluation report of the Jodhpur Zoo, Jodhpur as submitted by Sh. A. S. Dogra and Dr. A. K. Malhotra was considered by the Technical Committee in its 56<sup>th</sup> Meeting held on 22<sup>nd</sup> December, 2010

The Central Zoo Authority has decided to grant of recognition to the Jodhpur Zoo, Jodhpur as "a small category zoo" under Section 38H of the Wild Life (Protection) Act, for a period up to 31<sup>st</sup> January, 2014 subject to the compliance of the following directives under the Recognition of Zoo Rules, 2009:-

Sl. No.	Relevant Norm No.	Stipulated Condition	Time period for compliance
<b>10 (1) General requirements</b>			
1.	1 (2) & (6)	The upkeep of the present stock at the existing zoo should be continued by providing the animals with naturalistic environment, healthcare, food & water till they are shifted to new facility or in the revamped enclosures.	With immediate effect

<b>3. Development and planning</b>			
2.	3	The amended copies (five numbers) of the Master Plan for the long-term development of the zoo should be submitted to the CZA for its scrutiny and approval.	Immediately
<b>4. Animal housing, display of animals and animal enclosures</b>			
3.	4 (2) & (5)	The design of new birds' enclosures may be prepared and got approved from CZA. The location of new enclosures may be marked on the layout plan.	Immediately
<b>9. Acquisition and Breeding of Animals</b>			
4.	9 (4)	There are a number of single animals which are as under (i) Lion (1 male), (ii) Jackal (1 male), (iii) Toddy cat (1 male), (iv) Gharial (1 male) (v) Bonnet (1 male), (vi) Emu (1) and (vii) Black necked stork (1). Efforts should be made to procure the mates for these animals.	Immediately
<b>12. Visitors' Facility</b>			
5.	12 (1)	The location of visitor amenities should be identified and marked in the layout plan of the birds' park	With immediate effect

A half yearly report regarding progress made in implementation of the aforesaid conditions should be submitted to the Central Zoo Authority.

Grant of recognition to Jodhpur Zoo, Jodhpur beyond 31<sup>st</sup> January, 2014 as a small category zoo would be considered on the basis of compliance of the conditions stated above and general performance of the zoo.

The recognition to the Jodhpur Zoo, Jodhpur shall be revoked by the Central Zoo Authority, at any point of time if the Zoo Operator is found not complying with the stipulated conditions.

**Yours faithfully,**  
sd/-  
**(B. S. Bonal)**  
**Member Secretary**

Copy for favor of information & necessary action to:-

1. The Chief Wildlife Warden, Government of Rajasthan, Jaipur for favour of information.
2. DPA, CZA.

  
**(Dr. Brij Kishor Gupta)**  
**Evaluation & Monitoring Officer**



# केन्द्रीय चिड़ियाघर प्राधिकरण Central Zoo Authority

(STATUTORY BODY UNDER THE MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA) 109

Bikaner House, Annexe VI,  
Shahjahan Road, New Delhi - 110011  
website : <http://www.cza.nic.in>

**THROUGH REGISTERED POST**

**F. No. 19-69/92-CZA(232)(Vol.III)(M)**

**DATE: 19.05.2009**

To

The Principal Chief Conservator of Forests and Chief Wildlife Warden,  
Government of Rajasthan,  
Van Bhawan, Vaniki Path,  
Jaipur (Rajasthan).

**Sub:- Grant of permission to operate the Zoos at Jaipur, Kota, Udaipur and Jodhpur.**

**Ref:- Your office letter No. 2984 dated 23.12.2008.**

Sir,

Your request with regard to grant of permission to operate the existing zoos at Jaipur, Kota, Udaipur and Jodhpur beyond the period of 31<sup>st</sup> December, 2008 was placed before the 50<sup>th</sup> Meeting of the Technical Committee of the Central Zoo Authority held on 24<sup>th</sup> March, 2009.

The Central Zoo Authority had decided to extend the permission to operate the Jaipur, Kota, Udaipur and Jodhpur Zoos at the existing sites for the period till 31<sup>st</sup> March, 2010 subject to that in the given period, all the animals be relocated to the new sites at Nahargarh, Abhedha, Sajjangarh and Machia respectively.

In the meantime you are also requested to submit the 5 copies of Master plans for the long-term development of Jaipur, Kota, Udaipur and Jodhpur for the approval from this office. It is to be recall that the Master plans should be prepared keeping in view of the agreed concept plans communicated by this office letter of even number dated 17.2.2009 and the guidelines circulated by this office for the preparation of Master plan.

You are also requested to ensure that during the given period the zoos should strictly adhere with the standards and norms laid under Recognition of Zoo Rules, 1992.

**Yours faithfully,  
sd/-  
(B. R. Sharma)  
Member Secretary**

Copy for favour of information & necessary action to:-

1. The Deputy Chief Wildlife Warden, Jaipur Zoo, Jaipur.
2. The Deputy Conservator of Forests (Wildlife), Kota, Rajasthan.
3. The Deputy Conservator of Forests (Wildlife), Jodhpur, Rajasthan.
4. The Deputy Chief Wildlife Warden, Udaipur Zoo, Udaipur.
5. Copy in F. No. 231, 228, 227 for record.

**(B. R. Sharma)  
Member Secretary**

