



**CONVENTION ON  
MIGRATORY  
SPECIES**

UNEP/CMS/BKD/MOS2/Inf.3

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SECOND MEETING OF THE SIGNATORIES TO THE  
MEMORANDUM OF UNDERSTANDING CONCERNING  
CONSERVATION AND RESTORATION OF THE  
BUKHARA DEER (*Cervus elaphus bactrianus*)  
Isle of Vilm, Germany, 19-23 October 2020

**TEMPLATE FOR SUBMISSION OF NATIONAL REPORTS  
FOR THE BUKHARA DEER MOU AND ACTION PLAN**

## TEMPLATE FOR SUBMISSION OF NATIONAL REPORTS FOR THE BUKHARA DEER MOU AND ACTION PLAN

This reporting format is designed to monitor implementation of the Memorandum of Understanding and Action Plan concerning Conservation and Restoration of the Bukhara Deer (*Cervus elaphus bactrianus*). Reports on implementation will support exchange of information throughout the range and assist the identification of necessary future actions by the Signatories.

Please complete as appropriate and return to the CMS Secretariat ([cms.secretariat@cms.int](mailto:cms.secretariat@cms.int)), keeping in mind that not all sections are relevant to each country.

### 1. GENERAL INFORMATION

<b>1.1. Range State name:</b>
1.2. Designated Focal Point with responsibility to co-ordinate MoU implementation (full contact details):
<b>1.3. Date submitted:</b> dd/mm/yyyy _____
<b>1.4. Period covered by the report:</b> From          _____ dd/mm/yyyy to dd/mm/yyyy
<b>1.5. List of other agencies or NGOs that have provided input to this report:</b>

**2. CMS MOU**

2.1. Has the MOU been signed?  Yes  No  N/A

2.2. Date signed: dd/mm/yyyy \_\_\_\_\_

2.3. If the MOU has not been signed, what is the target date for signing?

**3. BUKHARA DEER POPULATIONS**

3.1. Is Bukhara deer present all year or seasonally?  All year  Seasonal

3.2. If seasonal, list the months of occurrence [e.g., 3-10, 11-2]

3.3. Current total population estimate.

3.4. Overall population trend  Up  Down  Stable  Mixed  Unknown

3.5. List main subpopulations (if applicable) with estimated size and trend.

3.6. Is there a national recording system/database for Bukhara deer?  Yes  No

3.7. Name of agency/agencies maintaining records/database.

3.8. At what intervals is the population monitored?  Annually  Seasonally   
 Ad hoc  N/A

3.9. What proportion of the population is monitored?  
 >75%  50-75%  10-49%  <10%  None  N/A

3.10. List agency/agencies carrying out monitoring.

3.11. Methods used to carry out monitoring.  Aerial  Ground  Vehicle   
Mixed

3.12. If mixed, please give details by subpopulation/area.

3.13. Date of most recent monitoring effort:                       
dd/mm/yyyy

3.14. Does monitoring cover:

population size?  Yes  No

sex/age structure?  Yes  No

reproductive rate?  Yes  No

3.15. What measures have been taken to standardise monitoring methodology with other states?

3.16. What is the status of Bukhara deer in the national Red Data Book/Red List?

#### 4. HABITAT

4.1. What proportion of Bukhara deer habitat has been lost [.....%] or degraded? [.....%]

4.2. What efforts have been made to restore degraded habitat and to what extent have these been successful?

4.3. Is Bukhara deer habitat intact or fragmented?  
 Intact  Moderately Fragmented  Severely fragmented

4.4. List any significant physical barriers on Bukhara deer migration routes: (e.g. pipelines, roads, railways, canals).

4.5. Is the impact of proposed developments in Bukhara deer range assessed?  Yes  
 No

4.6. How is this enforced?

4.7. What percentage of Bukhara deer range is covered by protected areas? [.....%]

4.8. List all protected areas in Bukhara deer range, together with IUCN management category, area (hectares), seasons/months when Bukhara deer are present, estimated number of Bukhara deer present, and whether these include rutting/calving areas.

Name	Size (ha)	IUCN category	Months Bukhara deer present	Estimated numbers	Rutting	Calving

4.9. List any other protected areas that have been proposed or identified?

Name	Size (ha)	IUCN category	Months Bukhara deer present	Estimated numbers	Rutting	Calving

4.10. List key areas of Bukhara deer range lacking any protected areas.

## 5. POPULATIONS SHARED BETWEEN RANGE STATES

- 5.1 What transboundary initiatives have been taken for Bukhara deer populations shared with neighbouring States or that migrate to other Range States?
- 5.2 List any transboundary protected areas.
- 5.3 List any transboundary protected areas that are planned.

## 6. LAWS, INSTITUTIONS & TRADE

- 6.1. List agencies active in Bukhara deer conservation and management and their functions related to Bukhara deer.
- a. Government agencies
  - b. Non-governmental organizations
- 6.2. Has a national strategy or action plan for Bukhara deer been developed?  Yes  No  
[Details]
- 6.3. What is the legal status of Bukhara deer?
- 6.4. Provide details and references of relevant legislation.
- 6.5. How does current legislation regulate
- hunting of Bukhara deer?
  - keeping and breeding of Bukhara deer?
  - possession of Bukhara deer parts and derivatives?
  - domestic trade in Bukhara deer parts and derivatives?
  - import and (re-) export of Bukhara deer parts and derivatives, and live animals?

- 6.6. Which agencies or departments are in charge of enforcing the legislation?  
[Indicate those charged with *in situ* protection, e.g. anti-poaching or surveillance of protected areas, and those charged with controlling legal and illegal trade in Bukhara deer.]
- 6.7. What penalties are applicable for infringements of the legislation?
- 6.8. Have customs and other law enforcement officers been made aware of legislation concerning Bukhara deer?
- 6.9. Provide details of activities undertaken since 2004 to protect Bukhara deer *in situ*, including: patrolling and surveying efforts; anti-poaching actions; prosecutions for poaching, etc.
- 6.10. What proportion of Bukhara deer range is covered by ranger or police patrols? [.....%]
- 6.11. Are these patrols effective in protecting Bukhara deer?
- 6.12. What resources (personnel, material, financial) are required to ensure effectiveness of the patrols?
- 6.13. Do patrols cover birthing and rutting areas?  Yes  No  Partially  N/A  
[Details]
- 6.14. Do rangers inside and outside protected areas have the power of arrest?  Yes  
 No  
[Details]
- 6.15. Why is Bukhara deer being poached? Has illegal killing of Bukhara deer increased/decreased/stabilized over the last three years?
- 6.16. What is the estimated proportion of illegal hunting for horns [.....%]; for meat [.....%]; or for both [.....%]?

- 6.17. Provide details of the domestic legal/illegal market for Bukhara deer products in your country, indicating its size and nature, and whether it is growing, stable or declining.
- 6.18. Provide details of the legal and illegal international trade in Bukhara deer products from your country during the last five years.
- 6.19. Give details of any socio-economic surveys carried out concerning poaching of and illegal trade in Bukhara deer. [details, institution, date, results].
- 6.20. Describe initiatives undertaken to facilitate alternative livelihoods in communities within Bukhara deer range.

## 7. CAPTIVE BREEDING

- 7.1. Does your country operate capture breeding facilities?  Yes  No  N/A
- 7.2. List existing captive breeding facilities [locality, name, managing agency].
- 7.3. How many Bukhara deer are held in total and at individual centres?
- 7.4. Is reproduction successful?  Yes  No  
[Details]
- 7.5. Give details of any co-operation with captive breeding facilities in other states?
- 7.6. Have any captive-bred animals been transferred to other range states?  Yes  No  
[Details]
- 7.7. Have any captive bred animals been released into the wild?  Yes  No  
[number/sex/date/locality]
- 7.8. Are released animals subject to monitoring?  Yes  No  N/A  
[Details]



7.9. Are any releases planned?  Yes  No  
 [Details]

7.10. Are any new captive breeding centres planned?  Yes  No  
 [Details]

**8. EDUCATION AND AWARENESS**

8.1. Describe the public's awareness regarding Bukhara deer.

8.2. Describe educational and publicity materials and programmes that have been developed for:

Schools

General public

Press and Media

8.3. Is any information available on the Internet?  Yes  No  
 [Details]

8.4. List any surveys carried out to assess changes in public attitudes to Bukhara deer.

**9. ECOLOGICAL STUDIES**

9.1. Have any studies been carried out on habitat requirements?  Yes  No  
 [Details]

9.2. Is the location of rutting and calving grounds known?  Yes  No  
 [Details]

9.3. Are migration routes known?  Yes  No  
 [Details]

9.4. Have any studies into dietary competition with domestic livestock been undertaken?  Yes  
 No  
 [Details]

9.5. Has any research into disease and pathogens been carried out?  Yes  No  
 [Details]

9.6. List any recent and ongoing ecological studies, with details of reports or publications.  Yes  
 No  
 [Details]

9.7. Are the causes of natural mortality understood?  Yes  No  
 [Details]

9.8. What are the main natural predators?

9.9. Are there any predator control programmes in the Bukhara deer's range?  Yes  No  
 [Details]

**10. THREATS**

Rate the impact of the main threats to Bukhara deer in your country

	Nil	Low	Medium	High	Very high	Unknown
Hunting for meat						
Hunting for horns/trade						
Habitat loss						
Livestock competition						
Disease						
Climate						
Climate						
Predation						
Fragmentation						
Demographic factors						
Barriers to migration						
Other (Please specify)						

## **11. ACTION**

Which priority measures to conserve or restore Bukhara deer does your country wish to take in the next 5 years?

## **12. OTHER MEASURES**

Please provide details of any other country-specific actions taken that have not been covered yet.