



# Annual Report 2016-17



**SAJJANGARH BIOLOGICAL PARK  
UDAIPUR, RAJASTHAN**





## FROM DIRECTOR'S DESK



**S**ajjangarh Biological Park, Udaipur being first biological park of Rajasthan was inaugurated in the year 2015. It is located at the foot hills of Sajjangarh Wildlife Sanctuary just beneath the Monsoon palace, around 4 km from the city center. The park can be seen round the year. The monsoon season is from July to September. During the period, the area becomes lush green and more aesthetic. Number of visitors visiting the biological park goes on increasing since its inception and the year 2016-17 showed a foot fall of 3.28 lakhs with a gate collection of Rs. 97.26 lakhs. The most satisfying fact is that students from various schools and colleges have shown enthusiasm in visiting the park for knowledge, education and research purpose. Gradually this park is becoming an important tourist destination in Mewar region of the state.

All the sections of the park namely animal section, garden section, store and feed section, veterinary section, engineering section, administrative section, finance section and security section worked together throughout the year to keep the animals and visitors safely and contributed for the growth of the park. Enclosure enrichment and garden and landscape improvements has been given due importance during the current year.

Finally it gives me immense pleasure to record my appreciation to all my colleagues, supporters, service providers of the zoo, both print and electronic media, Rajasthan Forest Department and Govt. of India and all esteemed visitors for their continued support and cooperation.

**(Harini V. IFS)**

Deputy Conservator of Forests,  
Wildlife, Udaipur

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A Bengal Tiger with orange fur and black stripes is walking towards the camera in a naturalistic enclosure. The ground is covered with dry leaves and some green grass. The tiger is looking directly at the viewer.

Bengal Tiger

## —● MISSION

Biological Park, Sajjangarh with its satellite facility at Gulab Bagh and with large naturalistic enclosure and theme based designs will emphasize on conservation of endangered species and native regional species of Aravali ecosystem providing equal importance to large and small organisms along with a planned Zoo education set up to all sections and human resource management to encourage future development.



## ● OBJECTIVES

The major objectives of Biological Park Sajjangerh are as following :

- (1) Developing physically, genetically and behaviorally viable population of important wild animals of Aravalli ecosystem in their natural surroundings for display.
- (2) Display of selected wild animals of ecosystems existing in the other parts of the state i.e. the desert and wetland ecosystem, which can be kept in climatic conditions in this part of the state by creating naturalistic surroundings.
- (3) To provide good housing condition to wild animals presently inhabiting in the park.
- (4) To rescue and rehabilitate the wild birds and animal population after providing necessary support to ensure their survival in their natural habitat.
- (5) Facilitating research on techniques for breeding endangered and vulnerable local species for restocking/ reintroduction in accordance with conservation breeding program.
- (6) To provide opportunity for conducting scientific studies on wild animal's biology, ecology, ethology, etc. so as to facilitate the scientific management of zoo and conservation of wildlife.
- (7) To promote eco-tourism and to provide employment opportunity to the local mass.
- (8) Imparting nature education and raising awareness among the local people, students and visitors about wildlife conservation.

Himalayan Black Bear

## ● BIOLOGICAL PARK SAJJANGARH



MAIN GATE OF PARK

Sajjangarh Biological Park is located nearby Sajjangarh Wildlife Sanctuary at outskirts of Lake city, Udaipur. It is only 6 k.m. away from Railway Station and central Bus Stand. The total area of the Biological park is 36 ha.

A central ring road runs within the park and covers almost total area of the Park. On the north western side of the park, there is an approach road which takes tourists to Monsoon Palace.

Sajjangarh Biological Park has been Inagurated on 12.4.2015 with the objective of conserving endangered and threatened flora and fauna; developing among visitors an empathy for wild animals; and motivating people to support the cause of wildlife conservation.

The park can be seen round the year. The monsoon season is from July to September. During this period, area becomes lush green and more aesthetic. The area receives an annual average rainfall of 650 mm.

The layout of Sajjangarh Biological Park is approved by the Central Zoo Authority, New Delhi. of the expert group on Zoo designs. The Plan includes 28 enclosures, administrative blocks and hospital etc.



VISITORS

## ● SALIENT FEATURES

Location : Near Wildlife Sanctuary, Sajjangarh

Area : 36 Ha.

Captive animals as on 31.03.2017 :

S.No.	Taxa	Species	Number
1.	Mammals	15	72
2.	Birds	2	17
3.	Reptiles	3	53
<b>TOTAL</b>		<b>20</b>	<b>142</b>

Number of Animal House      Top close      : 2  
   Open moated : 20  
   **Total**                : **22**

Park Holiday                                : Tuesday  
Park timing for visitors                : 0930 hs to 1700 hs (October to March)  
    : 0930 hs to 1730 hs (April to September)



Jungle Cat



White Tiger



## —● SPECIAL ATTRACTION

### Beautiful Landscaping:

The terrain of the area is undulating and quite charming. During rainy season, when various tree and bushes start re-leafing area becomes picturesque. Various species of grasses convert the open patches into rolling grassland. During this period wild Zinnia elegance appears here and there, which makes area quite charming.

### OVERVIEW OF PARK



## Battery operated vehicle:

To facilitate elderly and physically challenged visitors in particular and tourists in general, Battery Operated Vehicles (BOVs) are available for tourists for an hourly trip around the zoo on payment of Rs. 50/- per head. This facility is outsourced by the department. EDC is also operating BOVs, thus rurals are getting employment through BOVs.



**GOLF CART**



## Cycles :

Youth much likes cycling in the biopark especially during the rainy season. Though terrain is undulating even then people likes cycle riding. Twenty cycles have been gifted by the EDC to facilitate tourists visiting the biopark.

## **Polythene free environment :**

Visitors are not allowed to carry poly-bags and other polythene items inside biopark. If a visitor is carrying a plastic water bottle, a sticker is pasted on the same at the entry of the park. Rs.10 is deposited in lieu of carrying the plastic bottle. During exit, if a sticker pasted plastic bottle is showed at the gate, Rs. 10 is returned back to the tourists.



## **Open top leopard enclosure:**

The open top Leopard enclosure in the park is one among the very few in the country which attempts to exhibit this species in a large naturalistic enclosure which is open to the sky. This enclosure has been designed aesthetically to maximize visitor satisfaction without compromising the safety and security of the animal as well as visitors. The entire exhibit area is fenced by chain link mesh fence of 5.0 m height, having a stone masonry base of 0.50 m



height. The fence has 150 cm SS plate overhang on top with 600 slope inwards. The entire enclosures has existing natural vegetation including Neem (*Azadirachta indica*), Bad (*Ficus benghalensis*), Kachnar (*Bauhinia variegata*), Bamboo (*Dendrocalamus strictus*) etc. together with other trees and bushes. In addition, environmental enrichment by way of platforms, stone cave, wooden logs, water troughs etc. have been provided to encourage them to indulge in natural activities. From the visitors' safety point of view, live hedge and a stand-off barrier have been provided. Adequate information and instructional signage have also been erected. The surrounding of the enclosure is quite natural giving a feeling of being natural forest.

### **Ostrich enclosure:**

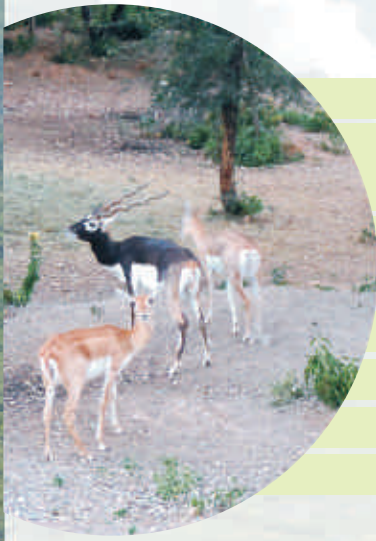
A pair of Ostrich has been displayed in the park, which is attracting visitors enmass. This pair was brought from Chennai. This park is the first park of Rajasthan state which is displaying non-flying bird for the entertainment to the visitors, especially children and students.



## ● VISITORS' AMENITIES

- ROs for drinking water
- Toilets at convenient locations
- Rest Areas/ sit-outs/ visitors' sheds at various locations
- Cafeteria
- Cycles
- Cloak room near the entrance gate
- First aid facility (At park hospital)
- Emission free battery operated vehicles
- Guide maps
- Nature shop (Souvenir shop)





## ● ENTRY FEE AND OTHER CHARGES

• Indians	: 30/-
• Student (On producing ID/letter from Headmaster)	: 15/-
• Children (Less than five years )	: Free
• Foreign Visitor	: 300/-
• Camera Fee	: 80/-
• Video Camera Fee	: 200/-
• Documentary Film Fee	: 1000/-
• Feature Film Fee	: 5000/-

## ● MONTHWISE NUMBER OF VISITORS DURING 2016-17

S.No.	Month	Year	No. of visitors
1	April	2016	13691
2	May	2016	19576
3	June	2016	25587
4	July	2016	27546
5	August	2016	27665
6	September	2016	21621
7	October	2016	27336
8	November	2016	35746
9	December	2016	44168
10	January	2017	41356
11	Februarys	2017	25866
12	March	2017	18583
<b>TOTAL</b>			<b>328741</b>



● Free Entry of School children during wildlife week 133

## ● HUMAN RESOURCE

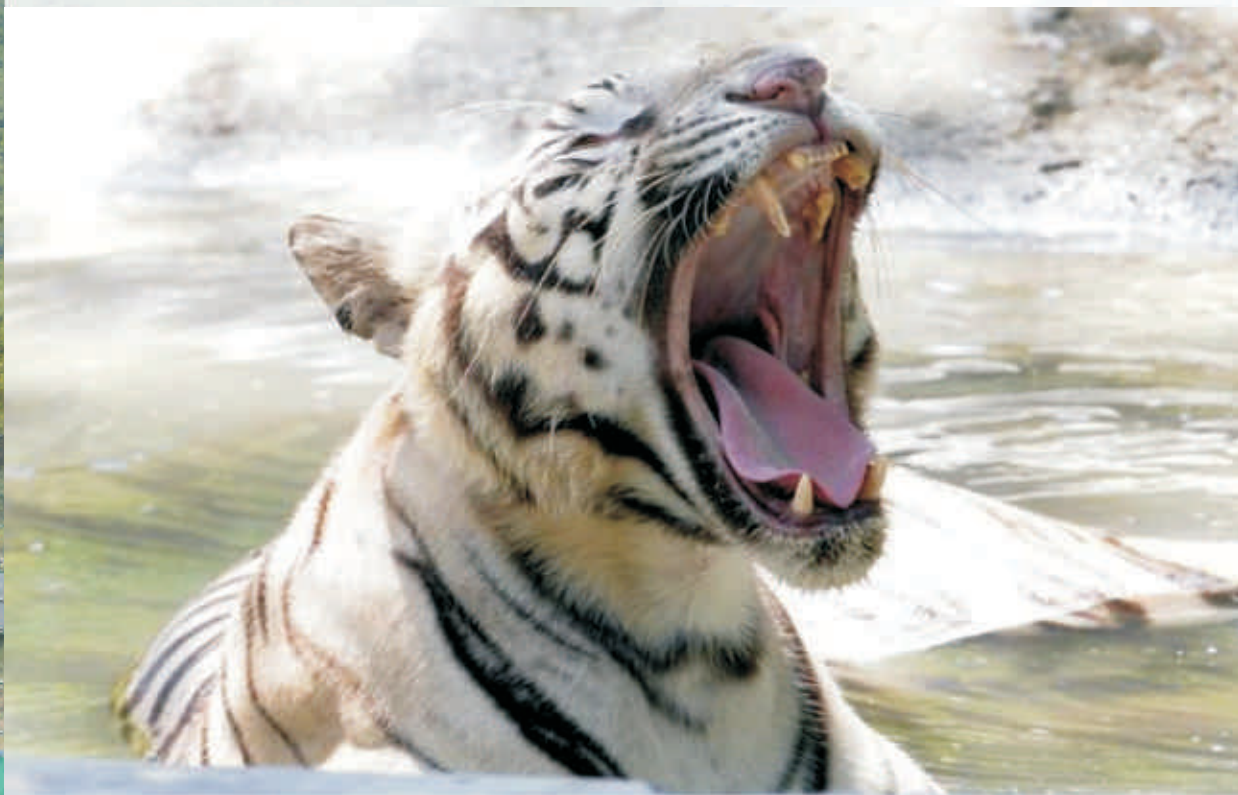
S.No.	Category of Post	No. of Staff in position	No. of Vacancy
1	Deputy Conservator of Forests	1	0
2	Veterinary Doctor	1	0
3	Forest Ranger	1	0
4	Forester / Astt. Forester	2	0
5	Forest Guard	3	0
6	Driver	1	0
7	Care taker	3	0
8	Office Peon	1	0



## ● EXCHANGE OF ANIMALS

Arrival of new animals from different zoos under animal exchange programme (2016-17)

Name of Zoo	Date	Animals brought	Animal Sent
Arignar Anna Zoological Park Chennai	01.09.16	White Tiger 1:0	-





## ● HEALTH CARE

Sajjangarh Biological Park has a modern hospital campus for animal husbandry and veterinary care. Monitoring of animal health starts from the moment of its birth/ arrival at the zoo. Prevention of disease/ailment is the main motto of the health program of the Park. One full time veterinary doctor is providing veterinary services to the captive animals. A strict protocol for vaccination, deworming and prophylactic therapy is meticulously followed to prevent diseases.



## INFRASTRUCTURE AT PARK HOSPITAL

The Park hospital is well equipped with the following infrastructure.

- A well equipped operation theatre.
- A spacious isolation ward to house the sick and injured animals for treatment.
- A quarantine ward to house the newly acquired animals and sick animals suspected for contagious diseases.
- A separate food preparation building (nutrition center) is available.



## INVENTORY

### MAMMALS

Sr. No.	COMMON NAME OF SPECIES	SCIENTIFIC NAME	NUMBER			
			MALE	FEMALE	UNKOWN	TOTAL
1	SPOTTED DEER	<i>AXIS AXIS</i>	7	15	3	25
2	SAMBAR	<i>RUSA UNICOLOR</i>	1	3	0	4
3	CHINKARA	<i>GAZELLA GAZELLA</i>	1	3	0	4
4	BLACKBUCK	<i>ANTILOPE CERVICAPRA</i>	6	3	0	9
5	FOUR HORNED ANTELOPE	<i>TETRACERUS QUADRICORNIS</i>	1	0	0	1
6	HIMALAYAN BLACK BEAR	<i>URSUS THIBETANUS</i>	1	1	0	2
7	SLOTH BEAR	<i>MELURSUS URSINUS</i>	1	0	0	1
8	TIGER	<i>PANTHERA TIGRIS</i>	1	1	0	2
9	ASIATIC LION	<i>PANTHERA LEO</i>	1	1	0	2
10	HYBRID LION	<i>PANTHERA LEO</i>	2	0	0	2
11	PANTHER / LEOPARD	<i>PANTHERA PARDUS</i>	3	3	0	6
12	INDIAN STRIPED HYENA	<i>HYENA HYENA</i>	1	2	0	3
13	INDIAN WOLF	<i>CANIS LUPUS</i>	1	0	0	1
14	INDIAN COMMON FOX	<i>VULPES BENGALENSIS</i>	1	1	0	2
15	INDIAN JACKAL	<i>CANIS AUREUS</i>	4	1	0	5
16	JUNGLE CAT	<i>FELIS CHAUS</i>	2	1	0	3
<b>TOTAL MAMMALS</b>						<b>72</b>

### BIRDS

Sr. No.	COMMON NAME OF SPECIES	SCIENTIFIC NAME	NUMBER			
			MALE	FEMALE	UNKOWN	TOTAL
1	OSTRICH	<i>STRUTHIO CAMELUS</i>	1	1	-	2
2	EMU	<i>DROMAIUS NOVAEHOLLANDIAE</i>	6	8	1	15
<b>TOTAL BIRDS</b>						<b>17</b>

### REPTILES

Sr. No.	COMMON NAME OF SPECIES	SCIENTIFIC NAME	NUMBER			
			MALE	FEMALE	UNKOWN	TOTAL
1	MARSH CROCODILE	<i>CROCODYLUS PALUSTRIS</i>	2	2	0	4
2	GHARIYAL	<i>GAVALIS GANGETICUS</i>	1	1	0	2
3	STAR TORTOISE	<i>GEOCHELONE ELEGANS</i>	0	0	47	47
<b>TOTAL REPTILES</b>						<b>53</b>

## LAWNS AND GARDENS

Beautiful gardens, lawns, hedges and groves have been established at different strategic locations in the park to provide resting places for the visitors. Shady trees like Bakul (*Mimusops elangi*), Banyan (*Ficus bengalensis*), Mango (*Mangifera indica*), Jhamun (*Syzygium cumini*) etc. have been planted at various locations of the park. Facilities like sit-outs, drinking water (ROs) and toilets are also provided at various places. Lawns with shady groves in various locations are available inside the Biological Park.



## EDUCATION

To promote education in the area wildlife week is being celebrated every year in the biological park campus. During 2016, Wildlife Week was celebrated from October 1 to October 7. Various events like spot painting, Treasure hunt, Essay writing, Rangoli competition, Wildlife quiz, etc., were conducted for school children during wildlife week besides radio talk and nature excursion.

## VISITOR FLOW & REVENUE GENERATED DURING THE YEAR

On April, 2015 Biological Park, Sajjangarh was first time opened to tourists by Central Forest Minister, Shri Prakash Jawdekar, State Forest Minister Shri Raj Kumar Rinwa and State Home Minister Shri Gulab Chand Katariya. The revenue realized during 2016-17 is as follows :

Year	No. of Visitor	Total Revenue collected (In Lacs)
2016-17	328741	9726095.00



## UNIQUENESS OF BIOLOGICAL PARK, SAJJANGARH

- Undulating Aravallian landscape.
- Most of enclosures are open to sky.
- Moated enclosures are available to house the animals.
- Many interesting animals and plants like White-napped Tit (*Parus nuchalis*) and Guggal (*Commiphora whitii*) etc. are commonly seen in the area.
- During rainy season are becomes lush green.





### Main Entrance Gate



Tiger



Tigeress



Sloth Bear



Tigeress



Tigeress



Sloth Bear



Sloth Bear



Jungle Cat

01.06.2018



Jungle Cat



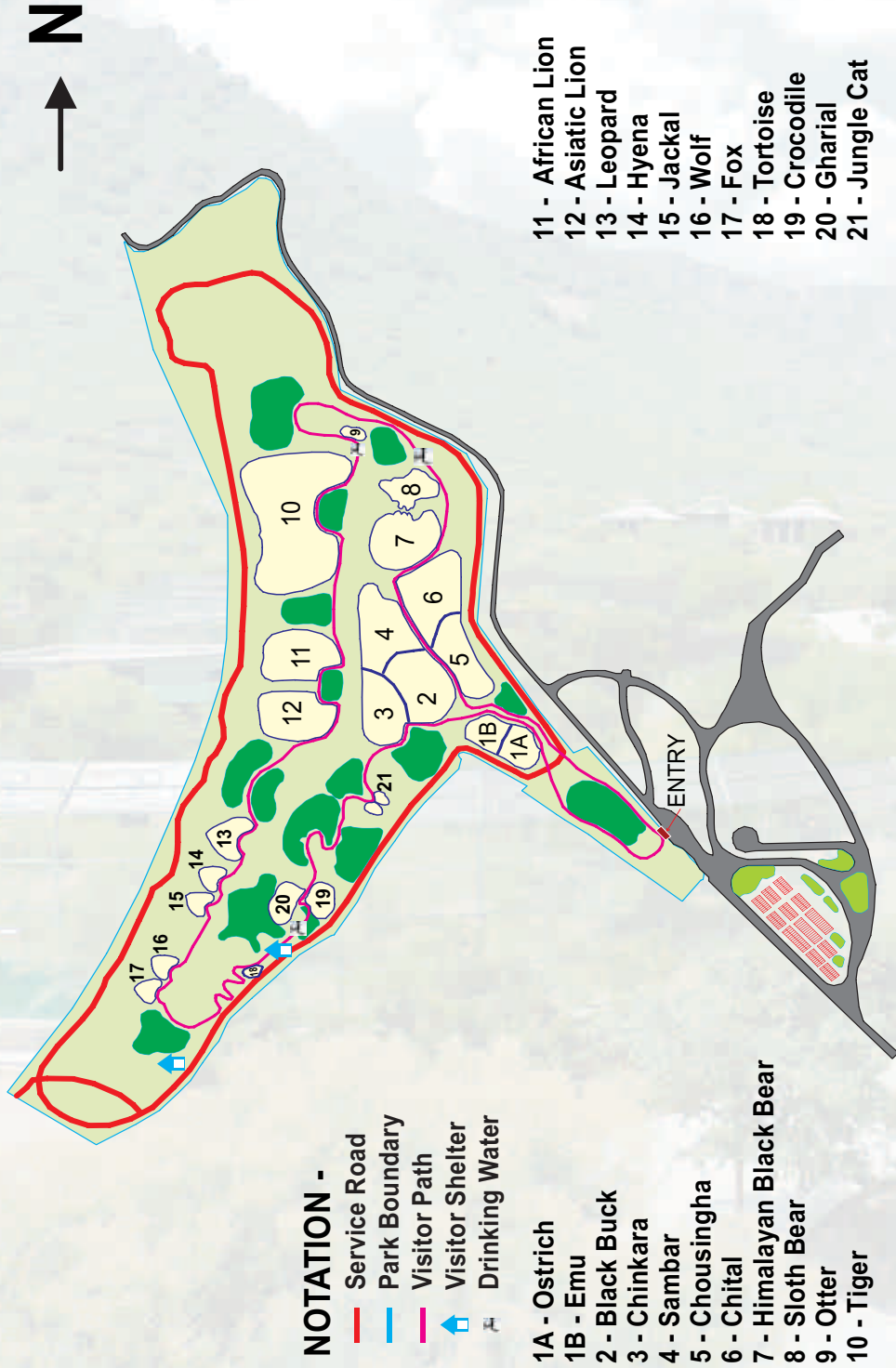
Crocodile



Crocodile



# MAP OF SAJJANGARH BIOLOGICAL PARK



## NOTATION -

- Service Road
- Park Boundary
- Visitor Path
- Visitor Shelter
- Drinking Water

- 1A - Ostrich
- 1B - Emu
- 2 - Black Buck
- 3 - Chinkara
- 4 - Sambar
- 5 - Chousingha
- 6 - Chital
- 7 - Himalayan Black Bear
- 8 - Sloth Bear
- 9 - Otter
- 10 - Tiger

- 11 - African Lion
- 12 - Asiatic Lion
- 13 - Leopard
- 14 - Hyena
- 15 - Jackal
- 16 - Wolf
- 17 - Fox
- 18 - Tortoise
- 19 - Crocodile
- 20 - Gharial
- 21 - Jungle Cat



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