

# CHENNAI SNAKE PARK

Annual Report for the year

2021-22



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## **1. History of the Zoo**

The Chennai Snake Park Trust (Madras Snake Park Trust as it was known till 1997) was established in the year 1972, a group of wildlifers including Mr. Romulus Whitaker, Mr. M. Krishnan, Mr. A.V. Jagannatha Rao, Dr. M.V. Rajendran, Mr. S. Meenakshisundaram, Mr. Harry Miller and Mrs. Doris N. Chatopadhyay who were its initial office bearers.

A major activity of the Trust is to run a Snake Park. Though called a 'Snake Park' it houses not only snakes but also crocodilians, the larger lizards and turtles and tortoises. It is called a 'snake park' instead of 'reptile park' only for the reason that the term 'reptile' does not convey much to the lay-public. The Park is run as a means of education of the public on snakes and other reptiles of which the public know so little and have little chance to know enough in the normal course. This ignorance leads to aversion and fear resulting in their wanton killing.

The Snake Park is located in a corner of the Guindy National Park on an extent of one acre of land owned by the Government of Tamil Nadu and leased by it to the Trust. The lease is renewed from time to time and the present period of lease will expire in the year 2026. It is 13 km away from Chennai Central Railway station and 10 km away from Chennai Airport. It is well-served by the public transport system.

The Chennai Snake Park Trust is a not-for-profit NGO under an elected Board of Trustees consisting mostly of non-officials experienced in administration, wildlife management, financial management, veterinary care and zoo education, some of whom are officers retired from the Indian Administrative Service and the Indian Forest Service having experience in these areas. There are also official nominees on the Board representing the Government of Tamil Nadu (Wildlife Warden, Tamil Nadu Forest Dept. and Joint Director, Tamil Nadu Tourism Dept.), the Government of India (Officer-in-charge, Zoological Survey of India and the Regional Deputy Director, Wildlife Regional Office (SR)) and the University of Madras (Head, Department of Zoology).

## **2. -4.Vision / Mission / Objective**

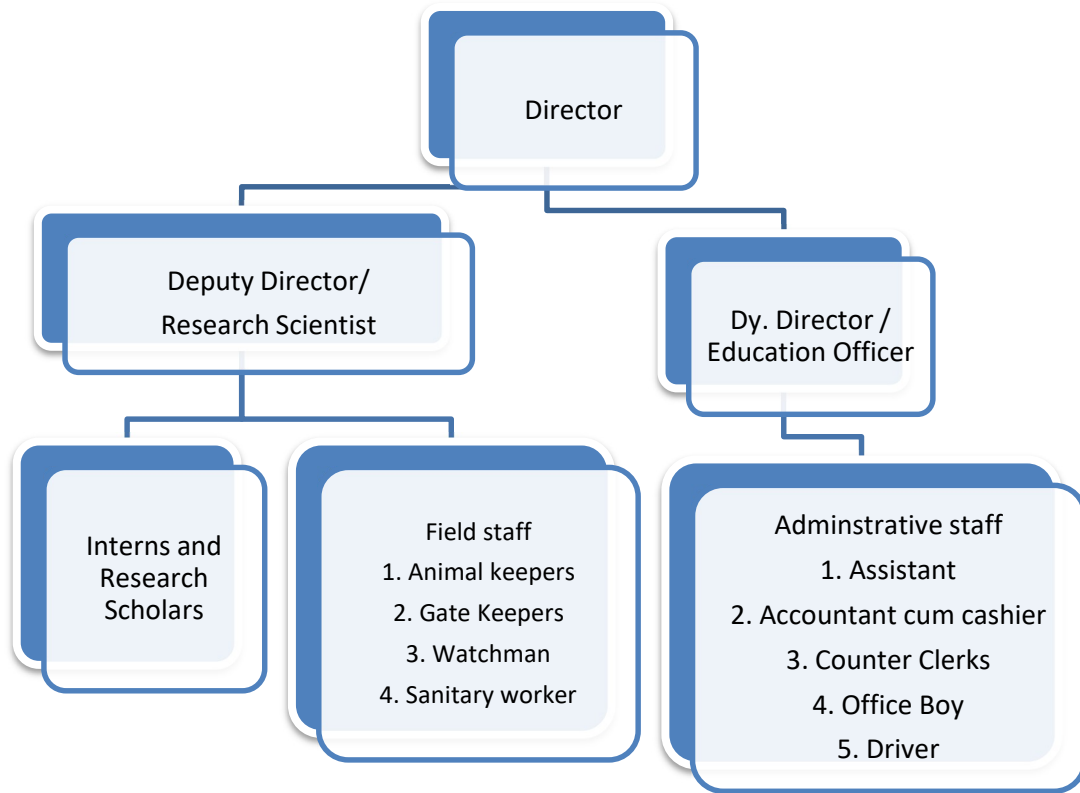
- i) To maintain and display a captive collection of snakes and other reptiles as a means of eliciting public interest in them and prompting the public to empathize with them.
- ii) To promote knowledge among the public on reptiles and amphibians and dispel the widespread erroneous beliefs about snakes in particular and, to this end, conduct awareness programmes targeting students primarily and also teachers and bring out low-priced publications with technical, semi-technical and popular content
- iii) To aid and assist research on reptiles and amphibians including the conduct of surveys to assess their status and distribution;
- iv) To undertake captive breeding of endangered species of reptiles
- v) To canvass public support for the protection and conservation of reptiles and amphibians.
- vi) To promote conservation of the native fauna and flora through Education and Research.

## 5.About us

S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	CHENNAI SNAKE PARK
2	Year of Establishment	1972
3	Address of the Zoo	RAJBHAVAN POST,CHENNAI PINCODE: 600022
4	State	TAMIL NADU
5	Telephone Number	044-22353623
6	Fax Number	Nil
7	E-mail address	cspt1972@gmail.com
8	Website	chennaisnakepark.org
9	Distance from nearest	Airport:10 km.
		Railway Station: Guindy 3 km Kasturbai Nagar 2 km
		Bus Stand: CMBT 14 KM.
10	Recognition Valid upto (Date)	19 <sup>th</sup> August 2022
11	Category of zoo	SMALL ZOO
12	Area (in Hectares)	0.4 HECTARES
13	Number of Visitors (2021-2022) open: 1.4.2021 to 19.04.2021, from 25.8.2021 to 15.01.2022 and 28.01.2022 to 31.03.2022	Adult : 1,18,997
		Children : 25,821

S.No.	Particulars	Information
		Total Indian : 1,44,818
		Total Foreigners :0
		Total Visitors: 1,44,818
14	Visitors' Facilities Available in Zoo	Visitors rest room, rest area, drinking water facilities,
15	Weekly Closure Day of the Zoo	Tuesday
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	Mr. R. Rajarathinam
	Name of the Veterinary Officer	Dr.K.Senthilkumar – Trustee cum Honorary veterinarian
	Name of the Curator	Dr.S.R.Ganesh
	Name of the Biologist	vacant
	Name of the Education Officer	Dr. C. Arivazhagan
	Name of the Compounder/ Lab Assistant	S. Ravi – Animal Keeper cum lab attender
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	CHENNAI SNAKE PARK TRUST
18	Address of the Operator	RAJBAVAN POST, CHENNAI - 600022
19	Contact details/Phone number of Operator	044 22353623
20	E-mail address of Operator	cspt1972@gmail.com

## 6. Organizational Chart



## 7. Human Resources

### Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Director	1	Mr. R.Rajarathinam
2.	Dy. Director / Scientist	1	Dr. S.R.Ganesh
3.	Dy. Director / Education Officer	1	Dr. C. Arivazhagan
4.	Accountant-cum-Cashier	1	P. Murali
5.	Counter clerk Souvenir shop clerk	2	M. Sasikala E. Nagarajan B. Shanthi
6.	Drivers	2	M. Siva S. Vinoth Kumar
7.	Office Boy	1	N. Mani
8.	Sanitary worker	1	S. Valli
9.	Animal Keepers	5	M. Mani

			S. Ravi V. Selvam K. Prabakaran S. Suriya
10.	Gate Keeper	1	G. Murugan
11.	Night watchmen	2	Y. Manbahadurthapa S. Babu

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

### 8. 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	nil	nil	nil

### 9. Zoo Advisory Committee –

Dates on which Meetings held during the year  
Board meeting of the trustees of the Chennai Snake Park held on  
09.04.2021, 26.06.2021, 17.09.2021, 23.10.2021& 29.01.2022

### 10. Health Advisory Committee–

Dates on which Meetings held during the year  
same as above

### 11. Statement of income and expenditure of the Zoo

1. Income - Rs.1,07,74,510/-
2. Expenditure - Rs.1,01,75,244/-

### 12. Daily feed Schedule of animals

Species	Feed item	Winter	Summer	Fasting
Indian rock python (Adult)	1 Chicken weekly once	N.A.	N.A.	N.A.
Indian rock python(Sub Adult)	10 Chicks weekly once			
Reticulated python (Adult)	1 Chicken weekly once	N.A.	N.A.	N.A.
Reticulated python (sub Adult)	10 Chicks weekly once			
Common sand boa	3 rats/week	N.A.	N.A.	N.A.

Red sand boa	3 rats/week	N.A.	N.A.	N.A.
Whitaker's boa	3 rats/week	N.A.	N.A.	N.A.
Common trinket snake	3 rats/week	N.A.	N.A.	N.A.
Common kukri snake	5 mice/week	N.A.	N.A.	N.A.
Common wolf snake	5 mice/week	N.A.	N.A.	N.A.
Common cat snake	5 mice/week	N.A.	N.A.	N.A.
Saw-scaled viper	5 mice/week	N.A.	N.A.	N.A.
Common krait	10mice/week	N.A.	N.A.	N.A.
Spectacled cobra	5 rats or chicks / week	N.A.	N.A.	N.A.
Indian rat snake	5 rats or chicks / week	N.A.	N.A.	N.A.
Russell's viper	5 rats or chicks / week	N.A.	N.A.	N.A.
Checkeredkeelback	5 small fish/week	N.A.	N.A.	N.A.
Olive keelback	5 small fish/week	N.A.	N.A.	N.A.
Striped keelback	3 small fish/week	N.A.	N.A.	N.A.
Common vine snake	5 lizards/week	N.A.	N.A.	N.A.
Common bronzeback	5 lizards/week	N.A.	N.A.	N.A.
Marsh crocodile	Beef 1 kg/animal/week Fish 1 kg/animal/week	N.A.	N.A.	N.A.
Saltwater crocodile	Beef 1 kg/animal/week Fish 1 kg/animal/week	N.A.	N.A.	N.A.
Gharial	Fish 3 kg/animal/week	N.A.	N.A.	N.A.
Nile crocodile	Fish 0.3kg / animal / week Beef 0.3 kg / animal / week	N.A.	N.A.	N.A.
Siamese crocodile	Fish 0.5kg / animal / week Beef 0.5 kg / animal / week	N.A.	N.A.	N.A.
Indian black turtle	Fish	N.A.	N.A.	N.A.
Indian flapshell turtle	Fish	N.A.	N.A.	N.A.
Star tortoise	Vegetables and fruits alternate days	N.A.	N.A.	N.A.
Green iguanas	Greens, spinach & fruits, vegetables on alternate days	N.A.	N.A.	N.A.
Spotted rock gecko	Insects, daily	N.A.	N.A.	N.A.
Indian rock agama	Insects, daily	N.A.	N.A.	N.A.
Chameleon	Insects, daily	N.A.	N.A.	N.A.

### 13. Vaccination Schedule of animals

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

#### 14. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
		Pyrate. As directed by Veterinary consultant (Dr.Cathrine Rebecca)	

#### 15. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
		Povidine iodine. As directed by Veterinary consultant (Dr. Cathrine Rebecca)		

#### 16. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
	M.Mani S.Ravi V. Selvam M. Siva K. Prabakaran S. Suriya	Animal keepers	8.10.2021	

#### 17. Development Works carried out in the zoo during the year

##### Grants and Donations

We have made a wide appeal for seeking Donations through media and individual donors to overcome the financial crisis. From April to March, 2021 we have received Rs.62,92,797/- as a donations and Grants from various sources such as online fundraisers, other foundations, companies and individual donors to overcome the financial crisis.

**a) Millaap:** Mrs. Sujatha Rajesh voluntarily collected Rs. 3,50,00/- through Milaap, an online fundraising agency with the permission of the Executive Chairman. CSPT trustee Mr. K. Sivaganan and local NGOs such Pracruthi helped us with this fundraiser.

**b) Ketto:** On our appeal in Ketto fund raising platform, we received Rs. 17,22,758/-. For this fundraising, Bay of Life Foundation and Besant Animal Memorial Hospital helped us a lot.

**c) Natco Pharma:** On our request, the Natco Pharma, Hyderabad donated Rs.2,00,000/ for Snake Park activities on 18.08.2021

**d) Inner Wheel Club of Madras:** based on our request in media, Inner Wheel Club of Madras voluntary donation Rs.1,75,000/- for Snake Park Activities on 23.10.2021

**e) Infosys Foundation:** On our request, Infosys Foundation, Bangalore donated Rs.10,00,000/- as CSR fund on recommendation of the Central Zoo Authority of India on 10.11.2021

**f) Individuals:** We received donation from individuals from various parts of India starting from Re.1 to Rs.2,00,000/- (Mrs. Shinitha Keloth Rs.2,00,000/-, Mr. A.L.Vijay Valliappan Rs. 1,00,000/-) net banking through SBI current account by cash and Google Pay etc.

**g) Dept. of Environment, Govt. of Tamil Nadu:** Based on our request, the Dept. of Environment has sanctioned Rs.5,00,000/- as a grant for upkeep of gharial babies and construction of a separate enclosure for baby gharials. This amount was received on 18.11.2021 and the works are completed.

**h) HCL Foundation:** Based on our request proposal Rs.19,40,791/- has been sanctioned for Park maintenance and animal welfare during the covid-19 pandemic for six months (Dec,2020 to May 2021). They released Rs.15.00 lakhs on 9.2.2021. The remaining Rs.4,40,791/- released during March 2022.

**IOCL Funding:** Based on our proposal, Indian Oil Corporation Ltd. (IOCL) agreed to fund grants and provide financial support to the activities of CSPT. Accordingly, a sum of Rs.22,36,366/-was agreed as the total grant in aid sanctioned to us for specific activities such as purchase of Multipurpose publicity vehicle, distribution of Anti-venom kits, capacity building and skill development training programme for irula tribe and providing foods to reptile in Chennai Snake Park. They released Rs.2.00 lakhs towards feeding our reptiles on 24.12.2021. The IOCL purchased a Mahindra Bolero B6 model jeep for us on 9<sup>th</sup> February. They reimbursed Rs. 1,67,647/- towards registration, insurance and tax etc. 50 Nos. of Anti-Venom kits for Snakebite treatment prepared for distribution to 50 panchayats at cost of Rs.2,46,307/-. This amount was also reimbursed by IOCL

**SEIAA:** Rs. 20 lakhs has been sanctioned to CSPT by the Chairman, SEIAA through M/S. Lokaa Housing Pvt. Ltd., Chennai, and Swagath, Pvt. Co., under CER activities. We are personally pursuing the matter with the concerned authorities.

## **18. Education and Awareness programmes during the year 2021-22**

### **Golden Jubilee celebration and Wildlife Week Celebration**

Golden Jubilee celebration and Wildlife Week Celebration were celebrated on 4<sup>th</sup> October 2021 with series of other activities. Mrs. V. Karunapriya, IFS, Addl. PCCF and Director, Arignar Anna Zoological Park, Vandalur is the chief guest of the function. She opened the newly constructed enclosure for Gharial enclosure. She also released the Chennai Snake Park Trust's Golden Jubilee logo in the presence of Executive Chairman and other Trustees of Chennai Snake Park Trust. Formal inauguration of Indian Oil Corporation Ltd sponsored project and released the Book 'Snake Rescue and Release Manual by the chief guest in the presence of Mr. P. Kailash Kanth, Deputy General Manager, CSR, Indian Oil Corporation Limited (IOCL).

### **Vipers Week Celebrations**

Under the auspices of the CZA, a week-long programme from 3<sup>rd</sup> to 9<sup>th</sup> Jan. 2022, focusing on two Indian vipers – Russell's viper and saw-scaled viper, was entrusted to CSPT. This event has been conducted jointly with schools, colleges and academic institutions, involving drawing, quiz, slide talks, webinars, photography competition, awareness classes and the like. This work is in progress.

The following webinars and online talks were presented by the Dy. Director (Research) based on invitations (by webinars): in St. Thomas College, Palai, Kerala; Kurumbapatti Zoo, Salem Forest Division; Rajkot Zoo, Gujarat; Govt. College of Arts & Science, Rewa, Madhya Pradesh; Faculty Refresher Course at Madurai Kamaraj Univ. Zoology Dept. and at the Univ. of Madras, Zoology Dept.

**Physical Classes:** On 17<sup>th</sup> and 18<sup>th</sup> Dec., 2021, M.Sc. Wildlife Biology students from AVC College visited CSPT, for a tour and awareness programme on snakes.

**Talk on Elephants:** EEO gave a talk on elephants to Coimbatore Forest Division, TNFA.

### **School Awareness and Training Programmes**

Six School awareness programmes were conducted (23.2.2022, 24.2.2022, 25.2.2022, 30.3.2022, 31.3.2022 and 1.4.2022) for the students of The Children's Garden Higher Secondary School, Chennai -600004. A total of 286 students and 18 teachers participated. The EEO conducted the school education programmes.

On 10<sup>th</sup> February, DD, conducted special classes to participants on Para Taxonomy refresher course, coordinated by the Madras Christian College, Tambaram.

On 11<sup>th</sup> February, talks on the role of snakes as pest control agents were delivered to participants from the ENVIS Dept., University of Madras. DD handled the event.

On 14<sup>th</sup> February, a Webinar Talk was conducted by CSPT, featuring a special talk on the 'Importance of amphibians in our ecosystem', by Dr. M.C. Sathyanarayana.

On 18<sup>th</sup> February, a special talk on Indian herpetofauna was delivered to refresher course trainees from the Dept. of Geography, Univ. of Madras. DD handled the event.

On 3<sup>rd</sup> March, World Wildlife Day event was conducted with special programmes in CSPT. Student participants from the ENVIS Dept., University of Madras took part in the event. Wildlife Conservation awareness, with special emphasis on the role of snakes were highlighted.

On 9<sup>th</sup> March, a snake awareness class was conducted to 48 Forest Range Officer trainees from the Forest Academy. The DD delivered the sessions during the event. Practical sessions about snake restraint and handling were also taught to the FRO trainees.

On 21<sup>st</sup> March, World Amphibian Day was conducted by CSPT team in tandem with the AIWC, Kolapakkam. DD visited the AIWC campus and gave a talk on the 'Endemic amphibians of the Western Ghats and their Conservation'.

On 27<sup>th</sup> March, an awareness stall was installed at Rotary Club's Walkers Park at Ramapuram, Chennai. DD was deputed for the event, wherein interactions with the flat occupants, walkers, especially children were held. The event was coordinated by Mr. Irulandi IFS Rtd. CSPT caps were also distributed to the participants as a part of the event.

On 29<sup>th</sup> March, post graduate veterinary doctors training programme coordinated by the TANUVAS, Madras Veterinary College and Hospital, Vepery, was conducted at the CSPT. DD, briefed the participants about the procedures regarding zoo reptile upkeep and maintenance.

On 30<sup>th</sup> March, DD conducted a joint awareness programme with the Madras Govt. Museum, Egmore wherein a talk on 'Role of Museums in Wildlife Research and Conservation' was delivered to college student teams.

### **19. Research and Training wing activities**

**Factory Inspection Surveys:** Factory site visits were undertaken, wherein campus surveys were conducted, fine-combing the area for snakes' presence. Man-snake conflict mitigation measures and man-snake encounter and its management interventions were suggested to each campus, after such visits. The following campuses were surveyed: Adani Port, Kattupalli; Green Acres Apartments, Perungudi; Hindustan Institute of Maritime Technology, Kalpakkam; Hotel Management Taramani; Kumaran Systems, Siruseri; L & T Hydrocarbons, Kamarajar Port, Kattupalli; Rajiv Gandhi Inst. of Technology, Sriperumbudur; Yamaha Motors Sriperumbudur; Sheenlac Paints Ltd. (Ambattur, Poonamalle and Vadakkanallur campuses), Shipyard Godown, Vallur and Velammal School Ponneri.

**Snake Repellent Studies:** Based on sponsored invitations, CSPT had started conducting snake repellent testing studies from two independent entities – (i) Indian Institute of Petroleum, Dehradun and (ii) Sui Bio Foundation, Bangalore. A total of Rs. 2,25,000/- was received as fees for these projects. There were some delays in the project execution and appraisals due to Covid-19 lockdown restrictions but the projects were nevertheless completed.

**Students Internship Programmes:** Students' internship programmes with B.Sc., M.Sc. zoology students and M.Phil. scholars from two colleges namely, Justice Bahseer Ahmed Sayeed College and Gurunanak College were conducted. Due to Covid-19 lockdown restrictions, there were some time lags in these works, but they were nevertheless completed.

**Half-yearly journal COBRA:** CSPT journal *COBRA* vol. 15, issue 1 due July 2021, could not be produced by then owing to the prevailing covid-19 lockdown. This special issue on the gharials was brought out in October 2021. The next issue, vol. 15, issue 2, due December 2021 was brought out on time.

### **20. Conservation Breeding Programme of the Zoo**

Reticulated python laid 29 eggs by captive breeding efforts by CSPT. Eggs were laid by late May 2021 and they hatched by late July 2021. After veterinary consultation, the babies were isolated to quarantine and are currently under observation off-exhibit. The adult male reticulated python that fathered the off-springs was noticed dead by morning on 15th August 2021. It was taken and submitted to the Vepery Veterinary Hospital for Post Mortem.

## 21. Animal acquisition / transfer / exchange during the year

A.	Animals arriving to the Zoo				
	H. NO.	Species (All are exotic 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			

## 22. 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	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
		Nil			Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat

## 23. Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year : 2021-22

Endangered Species\*

S.No	ANIMAL NAME	SCIENTIFIC NAME	OPENING STOCK	BIRTHS	ACQUISITIONS	DISPOSALS	DEATHS	CLOSING STOCK
			M   F   U   T	M   F   U	M   F   U	M   F   U	M   F   U	M   F   U   T
1	Chameleon Indian	<i>Chamaeleo zeylanicus</i>	0   0   5   5	0   0   0	0   0   0	0   0   0	0   0   0	0   0   5   5
2	Cobra Indian	<i>Naja naja</i>	0   0   11   11	0   0   0	0   0   0	0   0   0	0   0   0	0   0   11   11
3	Crocodile Long Snouted (Gharial)	<i>Gavialis gangeticus</i>	0   5   19   24	0   0   0	0   0   0	0   0   0	0   0   0	0   5   19   24
4	Crocodile Marsh (Mugger)	<i>Crocodylus palustris</i>	0   0   31   31	0   0   0	0   0   0	0   0   0	0   0   0	0   0   31   31
5	Crocodile Salt Water	<i>Crocodylus porosus</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
6	Monitor Lizard / Common Indian	<i>Varanus bengalensis</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   0	0   0   3   3
7	Python Indian – Rock	<i>Python molurus</i>	0   0   5   5	0   0   9	0   0   0	0   0   0	0   0   0	0   0   5   5

8	Python Regal / Reticulated	<i>Malayopython reticulatus</i>	0   0   11   11	0   0   0	0   0   0	0   0   0	0   0   0	0   0   11   11
9	Snake Keelback Checkered	<i>Xenochrophis piscator</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
10	Snake Keelback Olivaceous	<i>Atretium schistosum</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
11	Snake Rat / Dhaman	<i>Ptyas mucosa</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
12	Turtle Fresh Water / Indian Soft-shelled	<i>Lissemys punctata</i>	0   0   7   7	0   0   0	0   0   0	0   0   0	0   0   0	0   0   7   7
13	Viper Russell's	<i>Daboia russelii</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
		<b>Total of Endangered Species</b>	0   05   116   121	0   0   0	0   0   0	0   0   0	0   0   2	0   5   116   121

\*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

## Part – B

### Other than Endangered Species

S.No.	ANIMAL NAME	SCIENTIFIC NAME	OPENING	BIRTHS	ACQUISITIONS	DISPOSALS	DEATHS	CLOSING
			STOCK					STOCK
			M   F   U   T	M   F   U	M   F   U	M   F   U	M   F   U	M   F   U   T
1	Gecko Emerald	<i>Gekko gecko</i>	0   0   5   5	0   0   0	0   0   0	0   0   0	0   0   0	0   0   5   5
2	Krait Common Indian	<i>Bungarus caeruleus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
3	Lizard Rock	<i>Psammophilus blandfordanus</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
4	Sand Boa Common	<i>Eryx conicus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
5	Sand Boa Red	<i>Eryx johnii</i>	0   0   8   8	0   0   0	0   0   0	0   0   0	0   0   0	0   0   8   8
6	Sand Boa Whitakers	<i>Eryx whitakerii</i>	0   0   1   1	0   0   0	0   0   0	0   0   0	0   0   0	0   0   1   1
7	Snake Banded Kukri	<i>Oligodon arnensis</i>	0   0   1   1	0   0   0	0   0   0	0   0   0	0   0   0	0   0   1   1
8	Snake Cat	<i>Boiga trigonata</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
9	Snake Keelback Stripped	<i>Amphiesma stolata</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
10	Snake Tree / Indian Bronzeback	<i>Dendrelaphis tristis</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
11	Snake Trinket	<i>Coelognathus helena</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   0	0   0   3   3
12	Snake Vine	<i>Ahaetulla nasuta</i>	0   0   7   7	0   0   0	0   0   0	0   0   0	0   0   0	0   0   7   7
13	Snake Water Dog Faced	<i>Cerberus rynchops</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
14	Snake Wolf Common	<i>Lycodon aulicus</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   0	0   0   3   3
15	Tortoise Star Back	<i>Geochelone elegans</i>	0   0   7   7	0   0   0	0   0   0	0   0   0	0   0   0	0   0   7   7
16	Turtle Pond	<i>Melanochelys trijuga</i>	0   0   37   37	0   0   0	0   0   0	0   0   0	0   0   0	0   0   37   37
17	Viper Saw Scaled	<i>Echis carinatus</i>	0   0   9   9	0   0   0	0   0   0	0   0   0	0   0   0	0   0   9   9

		<b>Total of Species (Sch III and IV)</b>	0   0   111   111	0   0   0	0   0   0	0   0   6	0   0   0	0   0   111   111
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#### Total of Exotic Species

S.No.	ANIMAL NAME	SCIENTIFIC NAME	OPENING	BIRTHS	ACQUISITIONS	DISPOSALS	DEATHS	CLOSING
			STOCK					STOCK
			M   F   U   T	M   F   U	M   F   U	M   F   U	M   F   U	M   F   U   T
1	Crocodile Nile	<i>Crocodylus niloticus</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
2	Crocodile Siamensis	<i>Crocodylus siamensis</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
3	Iguana Green	<i>Iguana iguana</i>	0   0   13   13	0   0   0	0   0   0	0   0   0	0   0   0	0   0   13   13
4	Tortoise Burmese	<i>Geochelone sp.</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   3	0   0   0   0
5	Snake Spitting Cobra	<i>Naja sp.</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
6	Snake Pit viper	<i>Trimeresurus sp.</i>	0   0   1   1	0   0   0	0   0   0	0   0   0	0   0   0	0   0   1   1
7	Snake albino Pythons	<i>Python sp.</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
8	Turtle Slider Red-ear	<i>Trachemys scripta</i>	0   0   9   9	0   0   0	0   0   0	0   0   0	0   0   0	0   0   9   9
		<b>Total of Exotic Species</b>	0   0   41   41	0   0   0	0   0   0	0   0   0	0   0   3	0   0   38   38

#### 24. Mortality of animals

Sl.No.	Animal Name (with individual identification)	Scientific Name	Sex	Date of Death	Reason of Death as per the PM report
	Burmese tortoise	<i>Geochelone sp.</i>	3 no (babies)	02.11.2021 18.11.2021 20.12.2021	Metabolic bone disease Anorexia Respiratory infection

#### 25. Compliance with conditions stipulated by the Central Zoo Authority

Time to time compliance is being done as per the instructions of the Central Zoo Authority, New Delhi.

Based on the inspection of Dr.A.V.Joseph, Evaluation and Monitoring Officer's recommendation, the CZA has accorded renewal of recognition of our zoo till 19<sup>th</sup> August 2022. They sent the stipulated conditions in their letter dated 4.1.2021.



Executive Chairman