

"A lion pride is not a cohesive social unit in the sense of all members being together all the time;"

George B. Schaller

Citation - Balakrishnan P, Sinha S.K., Gupta A., Nandwanshi V.B. (2022-23) Annual Report Van Vihar National Park & Zoo, Bhopal, 2022-23.

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Director's Desk-

I am pleased to present the Annual Report of the Van Vihar National Park, Bhopal for the financial year (2022 -2023). The Zoo has attracted around 7 lakh visitors this year. The abandoned and rescued animals from the wild are housed at Van Vihar. Every effort has been made to provide required housing, feed and health care to all the animals in the zoo and the rescue center.

This year being the year of Pro Planet People and Mission LIFE, Van Vihar has been declared as a no plastic zone in totality. Visitors are not allowed to carry any form of single use plastics inside and they are provided with facilities like hire a bottle and water ATMs at strategic locations to provide them with clean and cool drinking water.

Being located at the centre of the capital city, the park is always attracted by nature enthusiast, educationists, school children and general public in large humans. Any awareness generation activity carried out here has a long standing and extended impact. Hence all the important days of wildlife and conservation are celebrated by organizing spot quiz, various competition, debate, etc.

The weekly nature camp for school children, summer camps and anubhuthi along with the week long wild week celebrations are the major efforts taken in this year on the front.

The zoo is surely trying to cater to the nature enthusiast by increasing the number of animals on exhibits, interpretation and signage.

Animals in the zoo and the rescue centre are taken care of by experienced team of health care officers and zookeepers.

The team of Van Vihar deserves appreciation for their dedication and sincerity in animal care, habitat management and the maintenance of the zoo.

I appreciate all their contribution for the upliftment of the zoo and for the successful maintenance of the zoo.

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History of the Zoo

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Van Vihar, centrally situated on the banks of the expansive man-made wetland 'Bhoj Tal,' stands as a testament to successful conservation and biodiversity preservation. Notified as a national park in 1983, the journey began with the acquisition of revenue land, involving the relocation of three villages. Over four decades, dedicated conservation efforts have transformed the landscape, once denuded and degraded, into a thriving green forest spanning 445 hectares.

Responding to public demand, the park initially housed rescued animals in large enclosures. Subsequently, with the establishment of the Central Zoo Authority (CZA), in 1994 Van Vihar gained recognition as a medium-sized zoo. Presently, the park-cum-zoo houses carnivores in specialized enclosures, while herbivores are free-ranging.

Beyond its role as a zoo, Van Vihar is recognized as a rescue cum rehabilitation center, exemplifying its commitment to the welfare of wildlife. The park's strategic location at the heart of the city amplifies its role as an educational and recreational hub, fostering a connection between urban life and biodiversity.

Van Vihar has further earned distinction as a center for the conservation breeding of endangered species, like tigers, lions, and leopards. This recognition underscores its pivotal role in contributing to the conservation and propagation of these majestic species, aligning with broader efforts to safeguard biodiversity.

In summary, Van Vihar's rich history and multifaceted roles as a national park, zoo, rescue and rehabilitation center, and a hub for conservation breeding highlight its crucial contribution to wildlife preservation, education, and public engagement.

"CHIKU" The First Tiger of Van Vihar

Time line of Van Vihar

	
1971	The then Chief Minister M.P. Expressed its intention to preserve about 1000 acres
	of land on the banks of the big lake for the Zoological / Botanical Garden.
1977	In the month of February, it was officially decided to build a zoo on the banks of
	Bade Talab.
1980	M.P. government started the process of acquiring 450 hectares of land, in which
	apart from the government land, the land of the farmers of Prempura, Dharampuri
	and Amkheda areas was also included.
1981	The preliminary notification for the construction of Van Vihar in 445.21 hectares of
	land was published on 16 September 1981.
1981	Dated 2.10.1981 The "Foundation Stone" of Van Vihar was laid by the then Chief
	Minister M.P. was placed by Hon'ble Late Shri Arjun Singh.
1981	The first director of Van Vihar National Park, Bhopal, self. Mr. P.M. Lad, Were
	pampered
1982	The first Tiger of Forest Vihar "Chiku" which was rescued from Bandhavgarh.
1983	M.P. Publication of notification of Van Vihar National Park in Gazette 15-01-83
	(JMD)-2 dated 18.02.1983 effective date 26.01.1983
1987	Gate no. 1 (Ramu Gate) and 2 (Chiku Gate) were constructed in the year 1987-88.
1992	Gharial, pond, bird sanctuary pond were constructed in the year 1992-93.
1992	"Inder" the first lion was born on 12 February 1992 in Van Vihar.
1993	"Salma" the first tigress was born on May 25, 1993 in Van Vihar.
1994	The first leopard was born in Van Vihar on 16 April 1994.
1994	The Vihar Vithika at Van Vihar was constructed in the year 1994-95.
1994	Van Vihar was declared a medium category zoo by the Central Zoo Authority on
	24.11.1994.
1996	The first hyena Dharmendra (male) was born on 9 May 1996 in Van Vihar.
1998	The wildlife hospital was constructed for the treatment of wild animals in Van
<u></u>	Vihar, in the year 1998-99.
2003	Snake enclosure at Van Vihar was constructed in the year 2003-04.
2005	The Rescue Center was constructed in the year 2005-06.
2008	Butterfly Park was constructed.
2013	Construction of Vulture Center at Kerwa, Van Vihar.
2018	Bird Interpretation Center was established at Van Vihar.
2020	Renovation and reestablishment of Butterfly park on 29.07.2020

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Van Vihar is envisaged to become a nodal centre for research, knowledge creation and education in the field of wildlife health, wildlife management, wildlife rescue and conservation of wild fauna of central India by *in-situ* and *ex-situ* means.

VVNP would strive to develop world class display facility for the species of local, regional and national importance and species from other parts of the world as well in a limited capacity following CZA guidelines for the purpose of education and awareness generation along with world class interpretation facility.

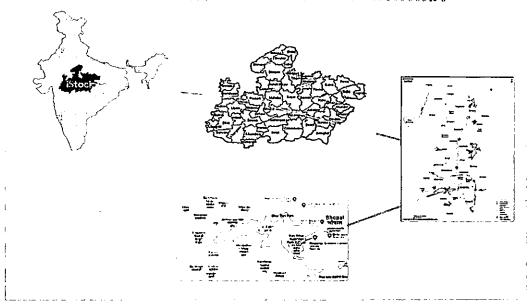
MISSION

- I. Compliment the national efforts in conservation of wildlife through planned coordinated conservation breeding of endangered wild animal species of Central India.
- II. Develop amongst visitors, empathy for wild animals and motivate them to support the cause of conservation of wildlife.
- III. Develop amongst the visitors an understanding about the ecological linkages with the life supporting processes of nature and the need for keeping them intact by adopting sustainable life styles and living in harmony with nature.
- IV. Enhancing the role of zoos in conservation of wildlife through collaborative research aiming at attaining management skills for *in-situ* population and carrying out advocacy for protecting the wild animals and their natural habitat.
- V. To act as Rescue Centre by receiving and keeping orphaned, seized, rescued, injured wild animals subject to availability of appropriate housing for the same.

OBJECTIVE

- I. To manage in captivity the wildlife of central India along with animals from other bio geographic regions of India in near-natural simulated habitat conditions to serve as a repository of genes and in-case of further expansion of the area of the zoo some rare exotic species can also be displayed in that area.
- II. To pursue conservation breeding of some rare and endangered species like- Tiger, Asiatic lion, Gyps vultures and Hard ground Barasingha etc.
- III. To provide the visitors, through a well-designed 'Interpretation programme' an opportunity to enjoy, experience, understand and appreciate nature and the need to conserve wildlife.
- IV. To carry out appropriate studies to strengthen both *in-situ* and *ex-situ* wildlife management.
- V. To serve as rescue center in Madhya Pradesh for orphaned, weak, diseased, injured and aged animals found unfit for release in the wild as well as those rescued from traditional animal performers and Circuses.

VAN VIHAR NATIONAL PARK, ZOO BHOPAL



Basic Information about the Zoo

S.No.	Particulars	Information
1	Name of the Zoo	Van Vihar National Park - Zoo, Bhopal
2	Year of Establishment	24.11.1994
3	Address of the Zoo	Van Vihar National Park - Zoo, Bhadbhada Road, Bhopal, M.P. – 462003
4	State	Madhya Pradesh
5	Telephone Number	0755-2674278
6	Fax Number	0755-2674278
7	E-mail address	dirvvnp.bpl@mp.gov.in
8	Website	mpforest.gov.in, www.vanviharnationalpark.org
9	Distance from	Airport: about 17 km.
	nearest	Railway Station: about 7 km.
		Bus Stand: about 8 km.
10	Recognition Valid upto (Date)	19 August 2022
11	Category of zoo	Small

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S.No.	Particulars	Information	
12 Area (in Hectares)		445.21 hectares	
13	13 Number of Visitors (Financial Year 2021-22)	Adult and Children: - 362664	
		Total Indian: 362664	
		Total Foreigners : -	
2021 227	2021-221	Total Visitors: 362664	

14. Visitor Amenities available in Zoo

₹	Food Kiosks and		A STATE OF THE PARTY OF THE PAR
	Restaurant		
4	Drinking water		
磊	Public Toilets		(i) ereineridi
24	Deer Safari		
3 3	Nature camp		
27	Summer camp	Sales Control of the	
独	Battery Operated Vehicles		
	on Rent		
拗	Toy Train		
2	Bicycles services for the	A A A A A A A A A A A A A A A A A A A	
	visitors on rental basis		
3	Sit-outs and Rain-shelters	24° - 11° - 15°	. 出土
N.	Wheel Chair (Free of Cost)		
41	Interpretation Centre		
챜	Open Amphitheatre	The state of the s	

15. Weekly Closure Day of the Zoo

Friday

16. Management Personnel of the Zoo

Name with designation of the Officer in-charge	Smt. Padmapriya Balakrishnan (IFS)
Name of the Veterinary Officer	Dr. Atul Gupta,
Name of the Curator	Shri S. K. Sinha

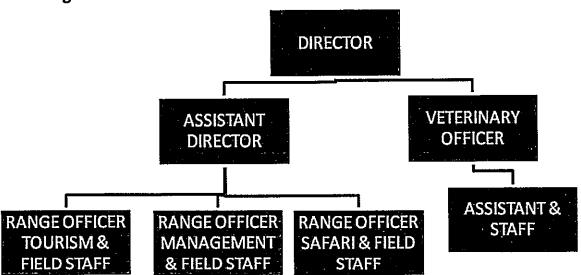
17. Owner / Operator of the Zoo

17.	Name of the Operator	Shri Atul Kumar Mishra
18.	Address of the Operator	Secretariat, MP Govt. Vallabh Bhawan Bhopal
19.	Contact details/Phone number of Operator	0755-2579747
20.	E-mail address	secyforest@mp.gov.in

Uniqueness of Van Vihar

- The location on the bank of upper lake and at the centre of the city
- The National Park cum Zoo is an ideal centre for environmental and conservation education and it is also a cultural and entertainment centre of Bhopal
- ❖ Being a rescue and rehabilitation centre of the state the Park has the updated facility of health care for wild animals
- Van Vihar is also recognized by CZA for conservation breeding of tiger, lion, hard ground Barasingha and Vulture.

Organisational Chart



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Human Resources

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S.No	Designation	Sanctioned Strength	Working Strength	Vacancy
Adminis	trative personnel			
1	Director	1	1	0
2	Assistant Director	1	1	0
3	Veterinary Officer	1	1	0
4	Superintendent	1	0	1
5	Stenographer	1	0	1
6	Assistant grade-I	1	1	0
7	Accountant	1	0	1
8	Assistant grade-II	2	1	1
9	Cinema Operator	1	1	0
10	Draftsman	1	1	0
11	Assistant Grade-III	4	4	0
12	Driver	2	2	0
13	Peon	2	2	0
14	Daftari	1	1	0
Executiv	e Personnel			<u> </u>
15	Range Officer	6	3	3
16	Deputy Ranger	3	0	3
17	Forester	10	7	3
18	Forest gaurd	43	40	3
19	Animal Keeper	-	56	_
	Total	82	124	14

Retirements and transfers during the year

Joined us

- Smt. Padmapriya Balakrishnan (IFS), Director, Van Vihar National Park & Zoo, Joined on 29.08.2022
- Shri Sunil Kumar Sinha, Deputy Director, Van Vihar National Park & Zoo Joined on 29.07.2022
- Shri Siddarth Singh Range officer, Joined on 20.07.2022
- Shri Nanheveer Namdev, Forest Guard, Joined on 28.10.2022

Left us

- Shri H.C. Gupta (IFS), Director, Van Vihar transferred on 29.08.2022
- Shri A.K.Jain, SDO, Van Vihar, transferred on 29.07.2022
- Shri D.S.Puriya, Range officer, transferred on 14.10.2022
- Smt. Sikha Tiwari, Range officer, Transferred on 29.08.2022
- Smt. Dipti Tantuvay, Forester, transferred on 15.03.23
- Smt. Swati Namdev, Forest Guard, transferred on 15.03.2022
- Shri Nikhat Afvoz Assistant grade II, Retired from service on 31.07.2022
- Shri Naresh Chandra Mishra Forester, Retired from service on 31.12.2022

Exposure Visits

- Shri Naval Prasad Kushwaha, Forest Guard.
- Shri Sachin Kumar Parsai, Forest Guard.
- Shri Manoj Kumar Raikwar, Zoo Keepar.

These are the respective person visited Pandit Deendayal Upadhyay, New Delhi on 13.09.2023 to 15.09.2023 for training program.

Shri Naval Kushwaha, Forest Guard and Shri Vinod Kumar Jatav, Forest Guard visited Nahargarh Biological Park, Jaipur Rajasthan on 16.03.2023 to 18.03.2023 for capacity building workshop.

Shri Rup Kumar Mehar, Forest Guard visited Indra Gandhi Zoo Logical Park, Vishakhapattnam for capacity building workshop for Zoo Keepers on 15.03.2021 to 17.03.2021.

Shri Manoj Jatav, Forest Guard, Shri Deendayal Upadhyay, Forest Guard and Shri Jasman Singh Raghuwanshi, Forest Guard visited Kamla Nehru Zoo Logical Garden, Kakdiya, Ahemdabad, Gujrat for capacity building workshop for Zoo Keepers on 14.02.2021 to 18.02.2021.

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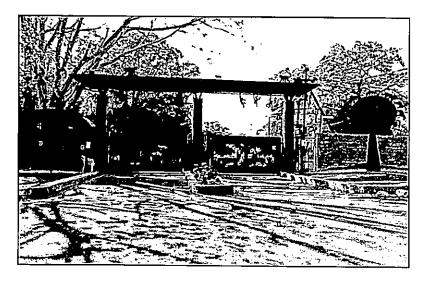


Management of Van Vihar

Total area of Van Vihar is divided into three zones for the purpose of management. These units are headed by Range officers.

1- Safari Unit

- 2- Management Unit
- 3- Tourism Unit and
- 4- The veterinary unit is headed by a Veterinary Officer. The Hospital, Rescue squad and supporting staff are managed by him.

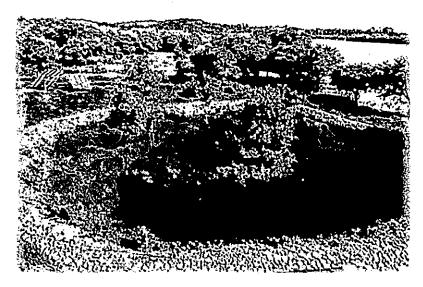


Tourism zone-

- Tourism zone headed by a Range officer Tourism
- The zone is confined to either side of the motorable road running from Gate no 1 to Gate 2 of the Park. The road covers a distance of 4.8km abetted on one side by

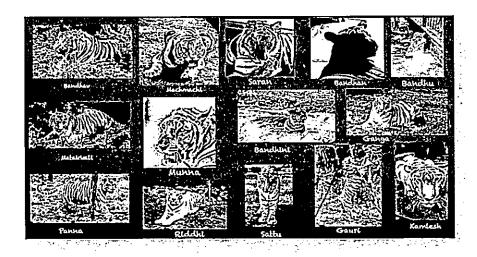
the bada talab and National Park on the other.

- There are animal enclosures on both the side of the road along with interpretation centres, signages and visitor amenities.
- The tourism zone caters to the need of the visitors and the fee collected is deposited in the Park development fund which is later utilized for various activities of Park and Zoo management.



Management Zone-

- The National Park area excluding safari and Tourism are managed for the free ranging animals by the Management unit of the park.
- > The Management unit is headed by a range officer
- > The management unit is responsible for grass land management and management of other infrastructures like water, drainage and the administrative buildings



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Safari unit-

Safari unit looks after all the captive animals kept in display enclosures and rescue centers. Safari unit is responsible for feed, health and hygiene of animals kept in captivity.

Zoo Advisory Committee-

Proposal has been sent to Govt of M.P. through C.W.L.W M.P. approval is awaited.

Health Advisory Committee-

Constitution of Health Advisory Committee - Health Advisory Committee constituted in the year 2021 by the order of Principle Chief Conservator of Forests and Chief Wildlife Warden order no./ tourism/ 301 dt. 25.06.2021 and the meeting was held on 15.02.2022.

Members -

Sr. No.	Member	Designation
1.	Director Van Vihar	President
2.	Assistant Professor. School of Wildlife Forensic and Health, Jabalpur,	Member
3.	Representative of State Veterinary Hospital Bhopal	Member
4.	Representative of D.I. Lab Bhopal	Member
5.	Veterinary Officer, Van Vihar,	Member Secretary

Special invitees:

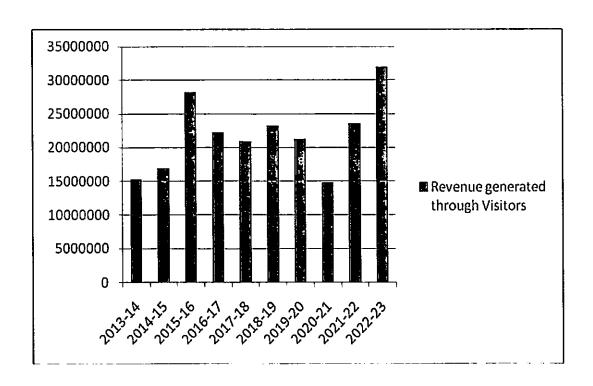
Assistant Director V.V.N.P. Bhopal
Veterinary Officer Wildlife SOS Van Vihar Bhopal,
Range Officer Safari, V.V.N.P. Bhopal
Range Officer Management, V.V.N.P. Bhopal
Range Officer Tourism, V.V.N.P. Bhopal
and concerned animal keeper





Sr.	Activity	Туре	Revenue
No			generated
1	Entry Fee	Pedestrians	3943440
		Bicycle	1779060
		Two Wheeler	7114500
		Three Wheeler	1671640
		Four Wheelers	14950800
		Bus	265000
2	Concessional Entry Fee (in all		252680
	categories)		
3	Rental Fee for Safari Vehicle and BOV		1711240
5	Outsourcing of Kiosks		
6	Fines and Penalties		162430
7	Bank Interest		
8	Other Miscellaneous		
9	Nature Trail	4500	4500

The total Annual Revenue generated for the financial year 2021-22 is Rs. 31855290/-



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Visitors and Revenue Generated in Last Ten Years

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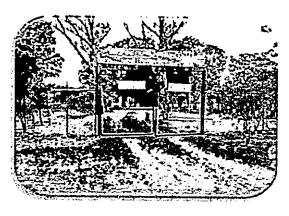
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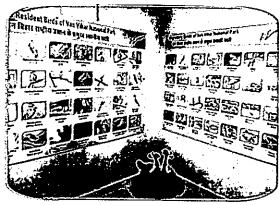
S.No.	Year	Number Of Visitors	Revenue generated through Visitors
1.	2013-14	385209	15208550
2.	2014-15	510496	16907630
3.	2015-16	402670	28106335
4.	2016-17	419545	22193918
5.	2017-18	566084	20873715
6.	2018-19	616804	23131530
7.	2019-20	549563	21195595
8.	2020-21	362664	14790640
9.	2021-22	573017	23563160
10.	2022-23	785860	31855290

Statement of income and expenditure of the Zoo

S. No.	NAME OF PLAN	ALLOTMENT	EXPENDITURE
1.	10-2046 NON PLAN (2899)	64981919	64981919
2	10-4406 PLAN (7882)	0	0
3.	10-2046 PLAN	2852000	1140065
	3730- Central Assistance		
4.	PARK DEVELOPMENT FUND	55918376	36610086
5	10-2406-5317	0	
6	10-2216-6218 maintenance of building	1396143	1396143
7	10-2406-6355	8849485	8849485
8	10-4406-4342	64197	64197
9	CZA	883000	835674
10	Tiger Foundation Society	1263805	1245828

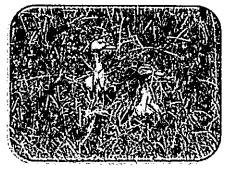
Bird Interpretation Centre -





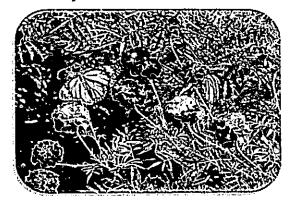
Van Vihar National Park, situated along the Upper Lake, is host to a diverse avian population. The Bird Interpretation Center, located near Snake Park, provides an immersive experience for visitors. The park is home for 266 distinct bird species and an

open aviary for aquatic birds. Additionally, it features sculpture of birds and mimic of their nests. Future plans encompass the establishment of a walk-through bird aviary near the center, offering an educational journey. The park's dedication to conservation and education is evident in its endeavors to preserve and inspire avian life.

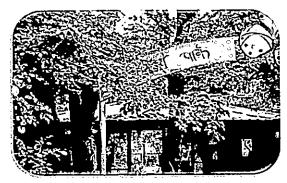


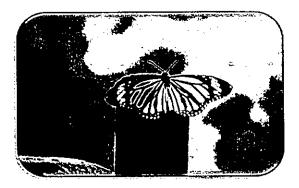


Butterfly Park-









The butterfly park is situated opposite the snake park and serves as an open display area. It has recent been renovated, including the planting of nectar and host plants to attract freely roaming butterflies. Additionally, features such as butterfly breeding chambers and signage aimed at imparting information to small children have been added in an engaging manner.

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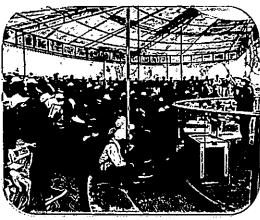
Snake park-

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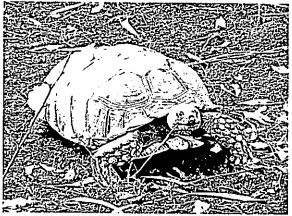




The Snake Park was established in the Van Vihar in the year 2006, where it currently houses snakes rescued from Bhopal and the surrounding areas. All the prominent snake species of Central India are displayed in this facility. However, there is an urgent need for the renovation of the existing infrastructure and the construction of a modern serpentarium, as per the sanctioned layout plan.

Van Vahar, also recognized as the Snake Transition Centre, documented the rescue of a total of 696 snakes from Bhopal and its environs during the year 2022-23. Following a comprehensive health check-up, individuals requiring treatment are attended to by the park's veterinarian. Subsequently, they are kept under observation before being released back into their natural environment. Out of the 696 individuals, 623 have been successfully reintroduced into the wild. Presently, Van Vahar accommodates 73 snakes out of the 696 individuals.

The sulcata tortoise (*Geochelone sulcata*), commonly known as the African spurred tortoise, ranks among the largest tortoise species globally. Featuring a brown to yellow shell and robust, yellow-brown skin, these impressive creatures are distinguished by sharp spurs on their legs. Indigenous to arid and semi-arid regions in sub-Saharan Africa, they inhabit a range of landscapes including hills, stable dunes, and flat areas adorned with scrub and tall grass. They exhibit a preference for areas near disrupted streams or rivers.





In their natural habitat, the sulcata tortoises display remarkable adaptation strategies. To cope with the arid conditions, they excavate burrows in the ground, reaching impressive depths of up to 15 meters and extending lengths of up to 30 meters. These burrows serve as a refuge during the hottest parts of the day, providing the tortoises' access to areas with higher moisture levels.

In 2018 African Territories were brought to Van Vihar, total 5 individual were rescued by the state strike force rescuers. Here, the tortoises undergo health check-ups and are carefully observed during a quarantine period. Recently, a specially designed facility equipped with all necessary amenities has been constructed to ensure the well-being of these remarkable creatures. This dedicated space allows for the meticulous care and attention required to support their health and habitat needs while contributing to their conservation efforts.

New Arrival in the Zoo



New Arrival at Van Vihar National Park On the 5th of November 2022, a female lion named Ganga was relocated from the Kamla Nehru Zoological Museum in Indore to the Van Vihar National Park, Bhopal.

Daily feed Schedule of Animals @vvnp

Sl. No	Species	Feed Item	Quantity		Day of Fasting
			Summer	Winter	
1	Tiger	Buffalo meat	7-9 kg/day	8-10 Kg/day	Friday
2	Lion	Buffalo meat	6-8 kg/day	6-8 kg/day	Friday
3	Leopard	Buffalo meat	3-3.5 kg/day	3.5-4kg/day	Friday
4	Hyena	Buffalo meat	2-3kg/day	2-3kg/day	Friday

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5	Jackal	Buffalo meat	1.5-2kg/day	1.5-2kg/day	Friday
6	Sloth Bear	Morning Mixed Flour (Sorgum, Corn, Barley, Wheat and Bajra) Balls of 05 flour with	535 g	535 g	-
		10g salt Egg boiled	01 No.	01 No.	
		Honey	50 gm	50 gm	
		Dates	100 gm	100 gm	
		Vegetables	150 gm	150 gm	1
		Afternoon Fruits (seasonal)	01 kg	01 kg	-
		Evening Daliya	350 gm cooked in 07 Its water	350 gm cooked in 07 lts water	-
		Milk	01 Lts	01 Lts	
i		Banana	02 no	02 no	
7	Gour	Dry and Green Fodder along with Sudana and Salt lick	Dry and Green Fodder along with 03 Kg Sudana and Salt lick	Dry and Green Fodder along with 03 Kg Sudana and Salt lick + Jaggery-01 kg	
8	Chowsing ha	Dry and Green Fodder along with Sudana and Salt lick	As per requirement + 150 g Sudana	As per requirement + 150 g Sudana	
9	Crocodile and Gharihal	Buffalo meat	15 kg/ day for all	15 kg/ day for all	-
10	Turtle	Buffalo meat	03 kg/alternate day for all	03 kg/alternate day for all	
11	Star Tortoise	Vegetable	100-150 gm/day	100-150 gm/day	-

Vaccination Schedule of Animals

S.N.	Species	Disease vaccinated for	Name of	dosage	quantity	Periodicity	Remarks
<u></u>			Vaccine		used		
1	Tiger	Feline Rhinotracheitis +					
		Calici + Panleukopenia	Fel-o-vax	Single	01 ml	Yearly	
2	Leopard	Feline Rhinotracheitis +	Fel-o-vax	Single	01 ml	Yearly	
		Calici + Panleukopenia	<u> </u>		,		
3	Lion	Feline Rhinotracheitis +	Fel-o-vax	Single	01 ml	Yearly	
		Calici + Panleukopenia			!		
4	Hyena	Rabies	Raksharab	Single	01 ml	Yearly	
		canine distemper,	Nobivac	Single		Yearly	
		canine adenovirus,	DHPPI+				
		canine parvo, canine	Lepto				
		parainfluenza canine					
		leptospirosis					
5	Jackal	Rabies	Raksharab	Single	01 ml	Yearly	
		canine distemper,	Nobivac	Single		Yearly	
		canine adenovirus,	DHPPI+				
		canine parvo, canine	Lepto				
		parainfluenza canine					
		leptospirosis					
6	Sloth	Rabies		Defencer		Yearly	
	Bear	canine distemper,		Vanguard		Yearly	
		canine adenovirus,		plus 5L4			
		canine parvo, canine					
		parainfluenza, canine]	
		leptospirosis					

De-worming Schedule of Animals						
S.No	Species	Drug used	Periodicity	Month		
1 Tiger		Praziquintal+ Ivermectin, Albendazole,	Quarterly	June,		
		Praziquintal+ Pyrantel Pamoate,		Sep.,Dec.,		
		Fenbendazole, Albendazole,		March		
2	Leopard	Praziquintal+ Ivermectin, Albendazole,	Quarterly	June,		
		Praziquintal+ Pyrantel Pamoate,		Sep.,Dec.,		
		Fenbendazole, Albendazole,		March		
3	Lion	Praziguintal+ Ivermectin, Albendazole,	Quarterly	June,		
		Praziquintal+ Pyrantel Pamoate,		Sep.,Dec.,		
		Fenbendazole, Albendazole,		March		
4	Hyena	Praziquintal+ Ivermectin, Albendazole,	Quarterly	June,		
		Praziquintal+ Pyrantel Pamoate,		Sep.,Dec.,		
		Fenbendazole, Albendazole,		March		
5	Jackal	Praziquintal+ Ivermectin, Albendazole,	Quarterly	June,		
		Praziquintal+ Pyrantel Pamoate,		Sep.,Dec.,		

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		Fenbendazole, Albendazole,		March
6	Sloth Bear	Fenbendazole, Albendazole+ Ivermectin, Praziquintal+ Pyrantel Pamoate+Febantel	Quarterly	May, August, Nov.Feb
7	Gour	Albendazole, Fenbendazole	Quarterly	June, Sep.,Dec., March

DISINFECTION SCHEDULE

S.	Species	Type of	Disinfectant used and	Frequency of
No.		enclosure	method	disinfection
1	Tiger	Housing	Fumigation	Monthly
2	Tiger	Housing	Bleaching powder	Monthly
3	Tiger	Housing	Lyzol	Daily
4	Tiger	Water hole in enclosure	lime	forthnight
5	Lion	Housing	Fumigation	Monthly
6	Lion	Housing	Bleaching powder	Monthly
7	Lion	Housing	Lyzol	Daily
8	Lion	Water hole in enclosure	Lime	fortnight
9	Leopard	Housing	Fumigation	Monthly
10	Leopard	Housing	Bleaching powder	Monthly
_11	Leopard	Housing	Lyzol	Daily
12	Leopard	Water hole in enclosure	Lime	fortnight
_13	Hyena	Housing	Fumigation	Monthly
14	Hyena	Housing	Bleaching powder	Monthly
15	Hyena	Housing	Lyzol	Daily
16	Hyena	Water hole in enclosure	Lime	fortnight
17	Sloth Bear	Housing	Fumigation	Monthly
18	Sloth Bear	Housing	Bleaching powder	Monthly
19	Sloth Bear	Housing	Lyzol	Daily
20	Sloth Bear	Water hole in enclosure	lime	fortnight

Delopment Works Carried Out In The Zoo During The Year

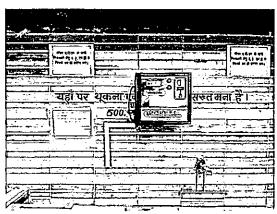
Construction works of lion housing was carried out in the february month 2022





The housing for the sloth bear has been renoveted in the february March 2022. The meat house has been renoved in the february March 2022.

The Van Vihar management has taken a proactive step towards ensuring the well-being of its visitors by strategically installing water ATMs at key locations within the park. To further encourage sustainable practices, visitors have the option to purchase reusable thermos-steel water bottles at the park's entrance. These water ATMs are designed to dispense pure and cool water, providing a convenient and accessible hydration solution for visitors. The process is streamlined and user-friendly, allowing individuals to avail themselves of the water supply by simply dropping a coin into the machine. This initiative not only addresses the immediate need for clean drinking water but also promotes environmental consciousness by offering reusable bottles. The thoughtful integration of water ATMs aligns with a commitment to visitor satisfaction and sustainability, enhancing the overall experience at Van Vihar.



Education and Awareness Programme During the Year

Van Vihar has experienced a significant surge in collaboration with educational institutions, NGOs, and various organizations such as WWF, Bhopal Birds, and the Tiger Foundation. These entities have actively partnered with the Van Vihar team to successfully conduct a diverse array of educational visits, awareness camps, and birdwatching events.

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A notable achievement is the initiation of bird counting at Van Vihar, a venture facilitated through a fruitful collaboration with Bhopal Birds. The collective efforts have resulted in the identification of an impressive 266 bird species within the Van Vihar premises. The initiative not only contributes to biodiversity documentation but also enhances ecological understanding. School and collage children are the future of the nation. It is very important to mould the young minds forwards conservation to assure a safer future. Van Vihar's efforts towards the future of the nation are, weekly nature camp for school children, summer camp and the anubhuthi camps which are regularly organised as a routine affair.

The educational aspect is further enriched by the visits of numerous trainees, including those from the Indian Forest Service (I.F.S.), Assistant Conservator of Forests (A.C.F.), Range Officers, and Forest Guards, who frequent Van Vihar for learning purposes. This engagement reinforces Van Vihar's role as an educational hub for individuals involved in forest and wildlife management.

In addition to these educational endeavors, Van Vihar takes pride in organizing the State Wildlife Week on behalf of the Wildlife Wing. This annual event has become highly anticipated, especially among schools and students. The State Wildlife Week serves as a valuable platform for fostering awareness about wildlife conservation and environmental issues, contributing significantly to the park's educational and outreach initiatives.

Importing Events and happenings in the Zoo **State Wildlife Week 2022**

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Date	Events	Participants
01.10.2022	"Inauguration of the State Wildlife Week 2022"	
	"Inauguration of the Wildlife photo competition /exhibition"	
	Painting Competition	1085
	Participatory Cleanliness Drive in Van Vihar	67
02.10.2022	Bird watching & Nature camp	135
	Run for cheetah	170
03.10.2021	Bird watching & Nature camp	80
	Photography competition	75
	Rangoli competition	99
04.10.2022	Bird watching & Nature camp	65
	Debate for school students	32
05.10.2022	Bird watching	34
	Debate for teachers	15
	Mehndi Competition	77
. <u> </u>	Palm Painting Competition	79

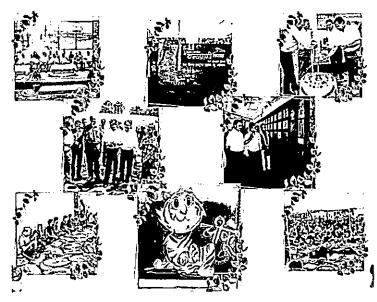
Date	Events	Participants
06.10.2022	Bird watching & nature camp	137
	Creative workshop	30
07.10.2022	Fancy Dress Competition (On Wildlife Theme)	41
	Face Painting Competition (On Wildlife Theme)	39
	Prize distribution & Closing ceremony	84

Glimpses of State Level Wildlife Week 2022.

The celebration was inaugurated by

Shri. Ashok Barnwal, Principal Secretary of the Forest of Madhya Pradesh. The distinguished event witnessed the esteemed presence of senior officials from the Forest Department of Madhya Pradesh, as well as enthusiastic participants.

Shri. Barnwal unveiled the Chiku musket, marking a significant moment of the celebration. Simultaneously, the event included the inauguration of a photo competition and exhibition. Various organizations were also contributed in the exhibition such as the Bamboo Mission, Madhya Pradesh Ecotourism Board, Social Forestry Wing, Madhya Pradesh Biodiversity Board, and Madhya Pradesh State Minor Forest Produce Cooperative Federation Ltd.



Bird Watching: -

Bird watching camps were organized early morning 06:30 AM to 09:30 AM on 2nd, 3rd, 4th, 5th & 6th days for students and other bird watching enthusiasts. Total 451 persons participated in these camps Ms. Sangeeta Rajgeer and Mohd. Khaliq of Bhopal Birds and Mr. A.K. Khare, Retired Dy. CF and Dr. Baghmare, Retired Dy. CF were present in these camps as resource persons.

First day -

Date 01.10.2022

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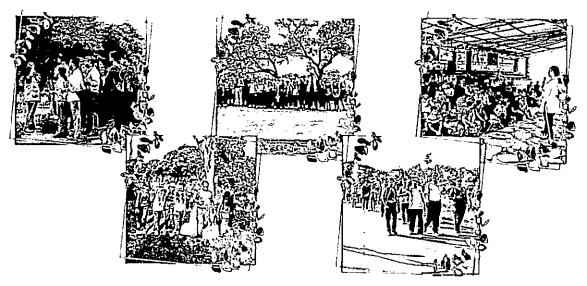
On the first day, October 1, the painting competition took place at Vihar Vithika. The competition featured diverse themes customized to different age groups: "Wildlife of Van Vihar" for classes one to five, "Beauty of Nature" for classes six to eight, and "My favorite Ecotourism Place in Madhya Pradesh" for students in classes nine to twelve, differently-abled students made the painting on their own choice. This thematic diversity aimed to engage participants in expressing their creativity and perspectives on various aspects of wildlife, nature, and ecotourism. Participants were given the freedom to choose a specific topic within the assigned theme, allowing for a wide range of artistic interpretations. The event successfully attracted a significant turnout, with approximately 1085 participants representing nearly 40 educational institutions. The enthusiastic participation reflected the widespread interest and engagement of students from diverse backgrounds, contributing to the vibrancy and success of the painting competition.

Second Day -

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Date 02.10.2022

Bird Watching and Biodiversity Camp

The Bird Watching and Biodiversity Camp

Approximately 135 participants from diverse backgrounds, including Youth Hostel, International Public School, and individuals with a keen interest in birds watching. During the camp, participants had the privilege of observing a wide array of bird species, with notable sightings including the Golden Oriole, Dudhraj, Egret, Magpie Robin, Bronze Wing Jacana, Kingfisher, Green Bee Eater, Tithari, Pond Heron, Red Munia, Iora, Whistling Teal, Moorhen, Drongo, Silver Bill Munia, and many more. In addition to bird sightings, the participants were treated to the enchanting world of butterflies. Species such as Gray Pansy, Common Evening Brown, Plain Tiger, Common Grass Yellow, Blue Tiger, and Crimson Rose.

Run for the cheetah

A Run for cheetah was organized from 07.00 am to 09.00 am, about 170 participants including various organizations and people interested in environment participated in this

program. This race starts from Gate No. 2 of Van Vihar and passes through Bhadbhada, Depot Square, Smart City Tiraha, Tribal Museum, Manav Museum, Boat Club and ends at Gate No. 1 of Van Vihar. In the race for cheetah program, 10 female winners and 10 male winners were given trophies and all the participants were given certificates as well as t-shirts and caps.

Date 03.10.2022

Bird Watching and Biodiversity Camp

In the bird watching and biodiversity camp, about 80 bird lovers, including participants from Sant Hirdaram and Saifiya College, saw various species of birds.



Major birds include Large Gray Babbler, Gray Heron, Purple Heron, Little Cormorant, Night Heron, Flame-backed Woodpecker, Pied Bushchat, Magpie Robin, Green Bee Eater, Laughing Dove, Spotted Dove, White-browed Fantail Flycatcher, Jacobin Cuckoo, Ashy Drongo, Darter, Gray Hornbill, etc.

Photography competition

A photography competition on the topic "Van Vihar" was organized for junior class and open class, in which 75 participants participated and submitted their photographs in the office.

Rangoli Competition

For junior class (class 6 to 12) "Rangoli competition was organized on the topic "Butterflies found in Madhya Pradesh" and for open class "Carnivorous wild animals found in Madhya Pradesh" in which a total of 99 participants participated.

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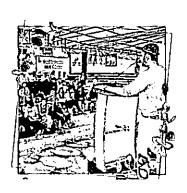
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School debate competition

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In collaboration with World Nature Fund India, a debate competition was organized on the topic "Coexistence of humans and wildlife is possible" in which 24 participants participated in the debate.







Date 04.10.2022

Bird Watching and Biodiversity Camp

In this program Same Girls College and VNS. About 65 participants of the college saw various species of birds, the main ones being Large Gray Babbler, Oriental Darter, Small Minivet, Spotted Dove, Laughing Dove, Gray Heron, Purple Heron, Night Heron, Common lora, Gray Hornbill, and White Throated Kingfisher. The participants were excited to see Woolly Necked Stork, Bronze Wing Jacana, Black Drongo, Green Bee Eater, White Breasted Water Hen and Pond Heron etc.

College debate competition

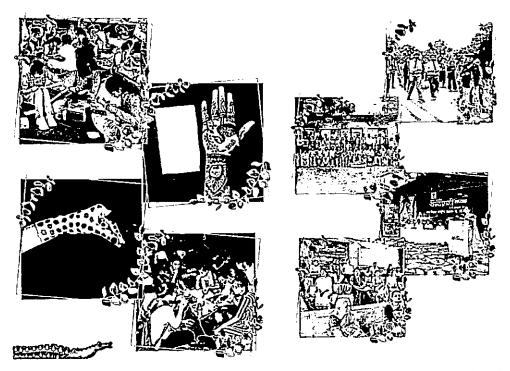


A college debate competition was organized in collaboration with the World Nature Fund India on the topic "Development is the cause of environmental imbalance" in the

promenade located at Van Vihar from 11.00 am, in which 32 participants participated in the competition.

Date 05.10.2022

Bird Watching and Biodiversity Camp



In this program, about 34 participants from Excellence College and Tuba College saw various species of birds, the main ones being Gray Hornbill, Tri-Colored Munia, Scaly Breasted Munia, Large Gray Babbler, Oriental Darter, Small Minivet, White Throated Kingfisher, and Laughing Dove. The participants were excited to see Gray Heron, Purple Heron, Night Heron, Little Cormorant, Common Iora, Spotted Dove, Woolly Necked Stork, Black Drongo, Green Bee Eater, White Breasted Water Heon and Pond Heron etc.

Teacher debate competition

A teachers' debate competition was organized on the topic "Conservation of vultures is as important as tiger conservation" in the Vihar Auditorium located at Van Vihar from 11.30 am, in which 15 participants participated and expressed their views.

Mehndi Competition, Palm Painting Competition

Under the State Level Wildlife Week 2022, in other competitions, Mehndi competition was organized for open class on the theme of "Wildlife" from 10.30 am and Palm Painting competition from 12.30 pm. In which 77 participants participated in the Mehndi competition and 79 participants participated in Palm Painting.

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Date 06.10.2022

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Bird Watching and Biodiversity Camp

In this program, about 137 participants from Nutan College, Regional College and Mittal College saw various species of birds, the main ones being Gray Heron, Oriental Darter, Black Red Start, Bay Backed Shrike, Gray Hornbill, Black Drongo, Red Vented Bulbul, The participants were excited to see Common Iora, Pied Bushchat, Golden Oriole, Dudhraj, Egret, Magpie Robin, Bronze Wing Jacana, Kingfisher, Green Bee Eater, Pond Heron, Red Munia, Whistling Teals, Moorhen, Silver Bill Munia etc.

Creative workshop for awareness (organized for school children) A creative workshop was organized from 11.30 am for the purpose of creating awareness among school children in which a total of 30 children from different schools participated. These students were taught by Mr. Vinay Sapre, S.N., Teacher Jawaharlal Nehru, Bal Bhavan, Bhopal, to make figures of various birds, butterflies, wild animals and flowers through colored paper and students were taught to make cheetah through clay modeling by Shri Arvind Anupam, Sculptor, Regional Natural Science Museum.





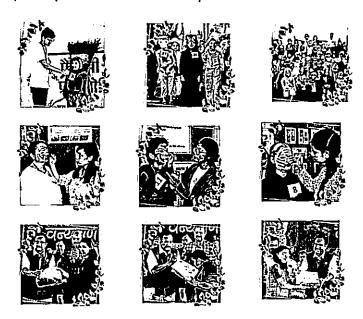


Date 07.10.2022

Fancy Dress Competition / Face Painting Competition

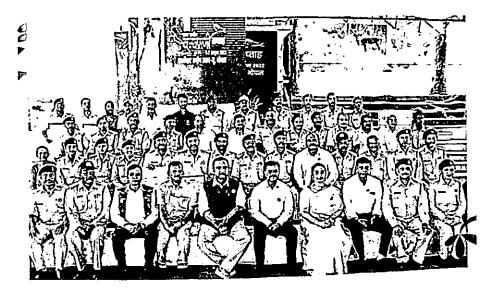
A fancy dress and face painting competition based on wild animals was organized for school students at 10.00 am in which 41 students from different schools participated in fancy dress and 39 students in face painting. Competitions like painting, rangoli, palm painting, Mehndi, photography, face painting, fancy dress, debate etc. were organized for

the students of schools and colleges and open classes. About 2217 participants participated in all these competitions.



Closing Ceremony:

On 07 October, the concluding and prize distribution ceremony of the State Level Wildlife Week 2022 was organized at Van Vihar National Park Zoo, Bhopal under the chief hospitality of Dr. Kunwar Vijay Shah, Honorable Minister of Forest, Madhya Pradesh Government. The chief guest distributes the prizes and certificates to the winning participants and also awarded prizes to the winning participants of the documentary film competition held at Pench Tiger Reserve. Also, wildlife conservation awards and certifications were given to officers/employees by the chief guest for the excellent work done for wildlife conservation in various categories. The winning participants of photography competition, videography competition and trekking route competition organized by Eco Tourism Development Board were also rewarded.



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On this occasion, release of "Forestry Message based on Cheetah Restoration" by the Chief Guest, release of booklet "Van Vihar's Wildlife through the eyes of Raju", Release the poster of "MP State Biodiversity Quiz 2022" organized by Madhya Pradesh State Biodiversity Board. Release of booklet on "Dragon Fly" jointly published by State Biodiversity Board and World Nature Fund India and The book "Manual for post-mortem of wild cats" written by the Dr. A. B. Srivastava, Center for Wildlife Forensics and Health, College of Veterinary Medicine and Animal Husbandry, Jabalpur, was also released.

ANUBHUTI CAMPS

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ANUBHUTI PROGRAMME - In the year 2022-23 six camps were organised duing Anubhuti Programe. where students from various schools and organizations participated in the camp.

The main activities are-

Information about snakes: - Venomous and venomous snakes

Information about Mission LiFE: Awareness about the basic mantras of Mission LiFE "Lifestyle for Environment

Rescue operation information:- In the demonstration of a rescue operation, children gave demonstration by becoming tiger and rescue team members. The importance of trap cage, squeeze cage and transport cage was shown to other children through demonstration by the children themselves.

In the Anubhuti camp, breakfast was served at the snake interpretation center. At the end of each camp, after prize distribution arrangements were made for tea and followed by oath-taking and encouraging group songs, group photographs. The feedback of their experience by the students and their parents was also written on the boards of Van Vihar. Signature camp were organized for students, Parents and visistors.

On giving correct answers to the questions from time to time in the camp, the children were given tattoos, stickers, pencils, chiku printed mugs, caps etc. of wild animals and on the basis of compitition the children were selected for the rescue

demonstration.





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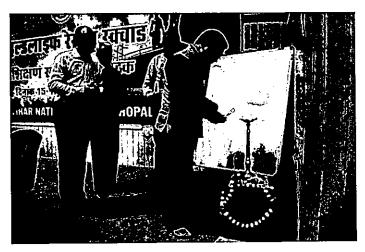
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Important Events and happenings

Rescue Workshop 2022



A two-day Wildlife Rescue Squad Workshop was organized by Van Vihar National Park, Bhopal at Indian Institute of Forest Management on 15 and 16 December 2022. Officers were presented in the workshop; officers and the entire rescue squad gave a presentation. Information about the wildlife rescue done by them in different areas in the last 2 years was shared.

At the beginning of the workshop, Director Van brief about the workshop and the objectives.

Shri J.S. Chauhan, Principal Chief Conservator of Forests (Wildlife), highlighted the importance of Rescue Squad and the importance of such a conference of Rescue Squad in the present context and while welcoming the invited guests, explained in detail about the need for research in the wildlife sector.

Dr. Mohan Ram also explained about the wildlife management in Gir National Park and the rescue of wild animals in Gir forests of Gujarat, how human-wildlife conflict, rescue response mechanism and mitigation have led to the rescue of wild animals in Gir landscape. After that Dr. A.B. Srivastava discussed the precautions to be taken while handling wild animals during rescue. After this, Dr. Mohan Ram once again discussed the research work being done on various wild animals in Gir National Park and Gujarat and

the management of wild animals using technology.





One by one the members of 17 regional squads gave a detailed description of the rescue work done since the year 2021 and four divisional rescue squads also presented the details of their work and discussed among them. IIFM conducted in the last session on IIFM in Wildlife Management. Highlighted the role of I.I.F.M. Promised to provide full cooperation in this area. The workshop ended with distribution of certificates.





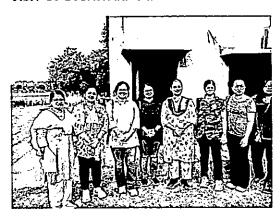
Nature camp





Nature camp organized by Van Vihar for government school of Bhopal city and its surrounding villages the purpose of the nature trail to develop interest as well as awareness among the students about forests, wildlife and environment and sensitivity towards nature conservation. Total four camps were organized on date 29.11.2022, 06.12.2022, 13.12.2022, 17.12.2022. About 205 students from about 10 educational institutions participated in the nature camp. Interesting activities related to forest, wildlife and environment were conducted and their curiosities were quenched by subject matter expert providing information about the animals, wildlife and its role in ecosystem. During the trial participants saw various species such as Egret, Magpie Robin, Bronze Wing Jacana, Kingfisher, Green Bee Eater, Pond Heron, Red Munia, Whistling Teals, Cormorant, Moorhen, Drongo, Silver Bill Munia etc. The participants got excited after seeing wild animals and learned many ecological roles of each and every species in the wild.

VISIT OF DIGNITARIES IN VAN VIHAR



IFS officers training tour

On 06.09.2022, Indian Forest Service officers who had come for mid-career training at IIFM, Bhopal, visited Van Vihar.

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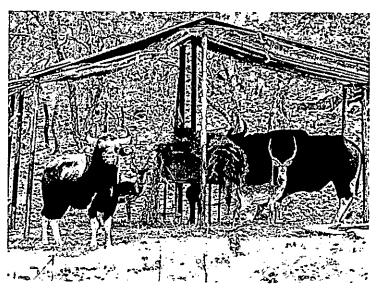


Visit of Baba Ramdev's follower

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On the arrival of State Guest Acharya Shri Balkrishna at Van Vihar on 04.09.2022, he was given a tour of Van Vihar and provided necessary information to him and visited the tourist area of the park.

SEASONAL SPECIAL ARRANGEMENTS FOR UPKEEP OF ANIMALS

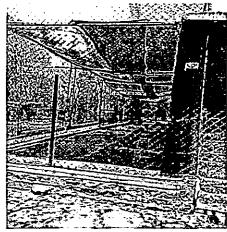


SUMMER ARRANGEMENTS FOR ANIMALS IN VAN VIHAR

Van Vihar has made arrangements for its captive as well as free ranging animals to provide comfort from constant rise in temperature. Housing of captive animals have been fitted with curtain made of Khas Grass which are sprinkled with water to cool down the temperature along with that coolers have also been fitted in housing. Small shade has been made in Krall and the water holes have been provided with green mesh shade to keep the water cool.

25 natural/artificial water holes are clear daily and filled with clean water for free ranging animals. Green fodder and mineral supplement (Sudana and Chuni) is provided for herbivores at 10 different places.





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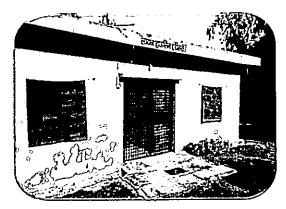
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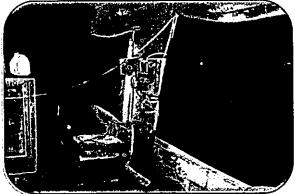
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Animals also change their behavior during summer they tend to rest during hot hours of the noon and move around in morning and late evening. Van Vihar is committed to provide all necessary facilities to its animal.

Winter arrangements - During this period housing of captive animals are covered with curtains and at the peak period of winter heating facility in the housings is also provided. All the housings of Cats are provided with wooden *Thakats* for providing insulation to the animals. Special attention is given to the reptiles and Sulcata tortoise housings by providing heater for warmth.





RESEARCH WORK CARRIED OUT AND PUBLICATION

BIRD SURVEY

Introduction: Bird survey was carried out in Van Vihar National Park, Bhopal in collaboration with the non-government organization "Bhopal Bird" in the months of November and December 2022 when the arrival of migratory birds starts. 32 volunteers participated in this survey work and the survey Methods:





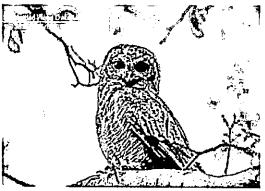
Two different method were used in the survey

- (1) Point count method
- (2) Direct count method.

Conclusion:

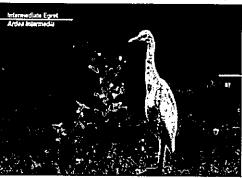
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The main objectives of this survey are as follows: -

- (a) Preparing baseline data and checklist of birds in the national park.
- (b) Resident birds species found in the national park.
- (c) To help in preparing the strategy for conservation of birds in the national park.





The following results were obtained from these surveys: -

- (1) 175 species of birds from 52 families were recorded during the survey.
- (2) The total number of birds found during the survey was 2657.
- (3) During the survey, According to the I.U.C.N. category, 6 threatened species were found.
- (4) The highest number of birds was of "Little Cormorant" which was 220.
- (5) "Gay Headed Flying Eagle" was seen for the first time inside the National Park.

BUTTERFLY SURVEY

Introduction: Butterfly survey was done in Vin Vihar National Park, Bhopal with the collaboration with non-governmental organization "Bhopal Bird" on 08, 19, 26 in the

month of November and on 03, 17, 24 in the month of December.

Method; 32 volunteers participated in this survey and the survey work was done using transect or pollard walk method. Along with this, a baseline survey of nectar plants and host plants was also conducted in this survey.



Result: The following results were obtained from this survey:-

- (1) 63 species of butterflies from 6 families were recorded during the survey.
- (2) The total number of butterflies found during the survey was 1656.
- (3) The highest number of butterflies was of "Common Grass Yellow" which was 130.

FLORA SURVEY

Introduction:

Vin Vihar National Park, Bhopal Flora survey was done on 22.11.2022. Before the survey, on 21.11.2022, two experts, Dr. Hilendra R., were appointed to provide training in vegetation survey. A training cum workshop was conducted in the presence of Ram and Dr. Sudesh Baghmare and survey of flora was done on 28, 29 and 30.11.2022

Result

During the survey 19 species of trees, 3 species of vines, 23 species of shrubs and 38 species of plants were found. Grass and weeds were marked.

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CONSERVATION BREEDING PROGRAMME OF THE ZOO

Van Vihar Zoo is associated with two important conservation breeding programme apart from been a participatory zoo for conservation breeding of Tigers and Lions. Conservation breeding of Hard ground Swamp Deer (Barasingha) in Van Vihar premises and Vulture conservation cum breeding center in Kerwa approximately 9 Km. away from Van Vihar. Both are very ambitious programmes being undertaken with help of M.P. Forest Department and B.N.H.S. for Vultures.



A nestling of Long-billed vulture hatched at the centre

VULTURE CONSERVATION BREEDING CENTRE, BHOPAL, MADHYA PRADESH

Introduction

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The Vulture Conservation Breeding Centre (VCBC), Bhopal, located near Kerwa Dam, is a collaborative project of the Forest Department of Madhya Pradesh and Bombay Natural History Society. The centre was established in 2014, to save two Critically Endangered *Gyps* species of vultures—White-rumped vulture and Long-billed vulture from looming extinction.

Objective

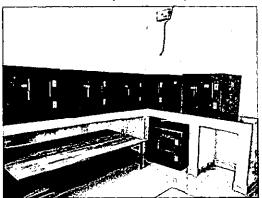
The primary objective of the centre was to keep and breed 25 pairs of each of the two species and release 100 pairs of each species, within ten years from the beginning of the release programme. The centre also acts as an insurance against potential extinction of the vultures in the wild.

Location

The VCBC is located at the edge of a Reserve Forest area near Kerwa Dam in Bhopal. It is located 9 km from Bhopal city and 7 km from Van Vihar National Park and Zoological Park. The centre covers 5.5 acres of Madhya Pradesh Forest Department land near village Mendori.

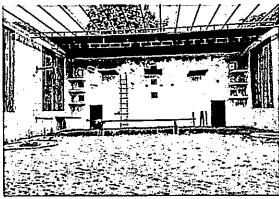
Highlights

- 1. Breeding at the centre: The centre had its first successful breeding season in 2016-17, when one pair each of White-backed vulture and Long-billed vulture nested successfully and the nestlings fledged the nest by July 2017. Since then, a total of 20 Long-billed vulture and 7 White-backed vulture nestlings have hatched over the years. During the year 2022-23, seven nestlings (6 of Long-billed vulture and 1 of White-backed vulture) hatched successfully, of which, five nestlings of Long-billed vulture fledged and one nestling of White-backed vulture fledged and are doing well.
- 2. Infrastructure at the centre: The centre has three colony aviaries (100x40x20'), two holding aviaries, one hospital aviary, one nursery aviary, and two quarantine aviaries. The aviaries are designed and constructed such that the vultures live in near-natural conditions with plenty of exposure to the natural surroundings. There is also one CCTV camera monitoring room-cum-office, haematology laboratory, artificial incubation and brooder rooms, and staff accommodation at the centre. The entire infrastructure was built by the Madhya Pradesh Forest Department, by the funds provided by the Central Zoo Authority.





Brooder room (left) and incubator room (right) constructed by the M.P. Forest Department and Van Vihar National Park during the financial year 2021-22



The new colony aviary constructed during the year

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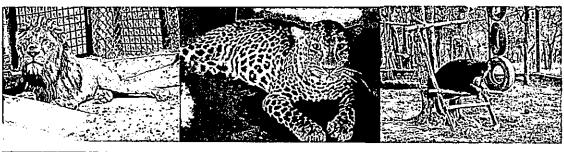
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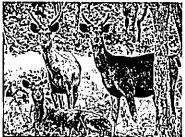
ACQUISITION / TRANSFER / EXCHANGE DURING THE YEAR 2022-23

Α	Animal	arriving in the	200		
S. no.	H.No.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
1	_	_			-
2	Ī				
В	Animals	going from t	he Zoo		
S. no.	H.No.	Species	Number (M:F)	going to which	Date of deposition from the zoo
1	 -	-	-	-	-
2					









RESCUE AND REHABILITATION OF WILD ANIMALS CARRIED OUT BY THE ZOO

S.n.	Date of	Species with	Received	Date of	Act	ion taken
	Rescue	number of animals rescued with their sex (M:F:U:T)	from	Submission of Report to the CWLW / CZA	Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
1	24.04.22	Leopard (1)	Range Gadi Raisen		25.04.22 Range Gadi Raisen	-
2	07.06.22	Tiger(1)	Barasingha Bada VVNP		07.06.22 VVNP	Rescue centre VVNP
3	16.10.22	Tiger(1)	MANIT Bhopal		16.10.22 STR	•
4	03.02.23	Leopard (1) M	Samardha range, Bhopal Division		08.02,23 Ratapani Sanctury	-
5	18.03.23	Leopard (1) F	Veerpur Range, Sehore Division		-	Rescue in critical injured condition Death in VVNP during treatment 19.03.2023

FORM-II [See rule 11 (1)]

PART - A Van Vihar National Park Zoo, Bhopal, Madhya Pradesh

Proforma for Annual Inventory Report Inventory Report for the Year: 2022-2023

Endangered Species*

- Modified Closing Balance

Name (Opening Stock (01-Apr-2022)	3 Stor -2022	¥ 5	ā	Births	⋖_	cqui	Acquisitions		Disposals	sals		Deaths	2	<u>က</u>	Closing Stock (31-Mar-2023)	Stoc -2023	¥ 🚓
M	4	n	⊢	Σ	Ľ	n	2	л П	Σ	<u> </u>	ח	Σ	ш.	ח	Σ	F	U	H
						_		\dashv		_	_	_						
1	-	0	-	0	0	0	-	0	_		<u> </u>	0	0	0	0	0	0	0
	0	0	2	0	0	_		0	0	0	_	0	0	0	2	0	0	2
	2	0	8	0	0	0	-	0	0	0	0	0	0	0	1	2	0	ო
	-	0	_	0	0	0	0	0	-		0	0	0	0	0	0	0	0
	9	0	20	0	-	_	-	0		0 0	0	-	0	0	10	6	0	19
	2	0	က	0	-		_	-	0	0	_	0	-	0	1	2	0	က
	9	0	12	0	0	0	2	-	0	<u> </u>		က		0	5	9	0	11
	1	0	-	0	•	-	0	-	_	0 0	0	0	0	0	0	۲-	0	1

Page 44 of 68

S.No.	Animal Name	Scientific	ō	penin	pening Stock	5 %	"	Births	_	Acquisitions	sition	<u> </u>	Jisp	Disposals	-	Deaths	hs		Closing Stock (31-Mar-2023)	g Stoc r-202:	÷ €
			Σ	-	n	<u>,</u>	2	ш	 	Σ	L	5	2	I I	Σ	쁘	2	Σ	ഥ	n	Ь
9.	Bengal Tiger	Panthera tigris tigris	8	5	0	13	0	0	0	0	7	0)	0 0	0	7	0	^	ဖ	0	13
10.	Barasingha (Swamp Deer)	Rucervus duvaucelii	3	-	5	#	0	0	0	0) 0	0	4	4	0	0	0	-	7-	-	က
11.	Four-horned Antelope	Tetracerus quadricomis	7	0	0	2	0	0	0	0) 0	0 1	0	0		0	0	0	0	0	0
Total Mammalia	11		36	28	5	69	0	0	0	2 ,	4	0	6 2	4	ro .	က	•	27	27	7	55
Reptilia											'					_	_				
1.	Marsh Crocodile	Crocodylus palustris	0	0	12	12	0	0	0	0	0 0	0	0	0	0	0	7	0	٥	9	9
2.	Gharial	Gavialis gangelicus	3	3	0	9	0	0	0) 0	0 0	0	0	0	-	•	0	7	က	0	5
છં	Indian Softshell Niissonia Turtle, Ganges Softshell Turtle	Nilssonia gangelica	0	0	24	24	0	0	0) 0	0 0	0		-	0		0	0	0	24	24
Total Reptilia	3		က	က	36	42	0	0	0	0	0	0	0	0	1	0	2	2	3	34	39
Total			39	31	41	111	0	0	0	7	4 0	9	2	4	9	3	2	53	8	35	94

0 0 0

0 0 0

0 0 0

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

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PART - B Van Vihar National Park Zoo, Bhopal, Madhya Pradesh

Proforma for Annual Inventory Report Inventory Report for the Year: 2022-2023

Other than Endangered Species*

- Modified Closing Balance

S.No.	Animal Name	Scientific Name	0 =	penin 01-Ap	pening Stock 01-Apr-2022)	ડે		Births		Acquisitions Disposals	isitic	Suc	Disp	osal		De	Deaths		3 8	Closing Stock (31-Mar-2023)	tock 023)
			Z	ᇤ	n	Ţ	E	ь	ח	Σ	щ	Э	Σ	u.	ם	Σ	ъ D	₩.	-	F U	۲
Mammalia													_		\dashv	\dashv		\dashv	\dashv		_
+:	Hyaena Striped Hyena hyaena	Hyaena hyaena	0	1	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0		_
Total Mammalia	1		0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0 0	_	_	-
Reptilia										7	\dashv	\dashv	+	_	\dashv	\dashv		\dashv	-	<u></u>	_
-:	Indian Star Tortoise	Geochelone elegans	0	0	42	12	0	0	0	0	0	0	0	0	0	0	0	2 0	0 0	19	10
Total Reptilia	-		0	0	12	12	0	0	0	0	0	0	0	-	0	0	0	2 0	0	<u></u>	9
Total			0	1	12	13	0	0	0	0	0	0	-	-	0	0	0	2	<u>-</u>	위	=
Grand Total			39	32	53	124	0	0	0	7	4	0	9	7	4	9	3 4	4 29	9 31	1 45	105

The Adoptees of our Animals during the year 2022-23

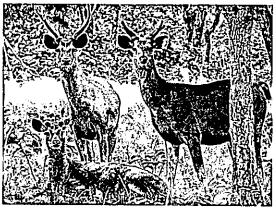
S.no.	Name of Person	Date	Species	Name of Animal	Duration	Amount
1	Sidhhartha Agrawal	26.09.22	Tiger	Shourya	Six months	100000
1	Youth Hostel	02.10.22	Crocodile		One month	4000

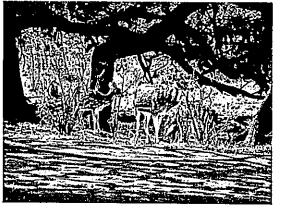
LIST OF FREE LIVING WILD ANIMALS WITHIN THE ZOO PREMISES

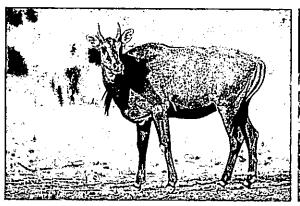
a. Mammals-

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- 1. Sambhar
- 2. Cheetal
- 3. Neelgai
- 4. Black buck
- 5. Hanuman langur
- 6. Wild boar
- 7. Golden Jackal
- 8. Porcupine
- 9. Pangolin
- 10. Jungle Cat









Birds - Avifauna Checklist of Van Vihar National Park, Bhopal - Van Vihar and Bhopal Birds Conservation Society Bhopal has prepared bird count record since year 2000 to 2020 and till now 266 species have been recorded so far. Dr. Sangeeta Rajgir Founder and Member secretary and Md. Khalique Founder and CEO and his team have contributed a lot to prepare this important avifauna record of Van Vihar.

				<u></u>				· - /.	1		\neg	-	\neg
S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
	POD	ICIPEDIDAE					······································	·· <u>·</u> ··	1				
1		Little Grebe	Tachybaptus ruficollis	Chota Dubdubi	LM	w	LC		0	[2]	12	63	12)
	PHA	LACROCCORACIDAE											
2		Large Cormorant	Phalacrocorax carbo	Bada Pankowa	LM	w	LC			12)	123	73	6
3		Indian Cormorant	P.fuscicollis	Desi Pankowa	LM	w	LC	_	123	123	129	23	13
4		Little Cormorant	P.niger	Chota Pankowa	LM	w	LC		D	173	B	tõ	123
	ANH	INGIDAE											
5		Oriental Darter	Anhinga melanogaster	Banwe	wm	w	NT		酌	133	a	15	13
	ARD	EIDAE											
6		Grey Heron	Ardea cinerea	Sileti Anjan	LM	w	LC		Œ	123	(2)	2	0
7		Cattle Egret	Bubulcus ibis	Gaye Bagula	R	w	LC		6	123	[2]	65	73
8		Large Egret	Casmordius albus	Bada Bagula	R	W	LC		[2]	12	12)	128	Ø
9		Intermediate Egret	Mesophoyx Intermedia	Majhola Bagula	R	w	ιc		73	0	Œ	13	23
10		Little Egret	Egretta garzetta	Karchiya Bagula	R	w	ιc		0	13	75	60	G
11		Black-crowned Night Heron	Nycticorox nycticorox	Vak Bagula	R	w	rc	101111	123	65	0	12)	123
12		Purple Heron	Ardea purpurea	Nari Anjan	LM	w	rc		0	6	Œ	12	123
13		Pond Heron	Ardeola grayil	Andha Bagula	R	w	LC		123	12	63	13	73
14		Striated Heron	Butorides striata		R	w	LC				6	ß	13
15		Cinnamon Bittern	lxobrynchus cinnamomeus	Lai Bagli	sw	w	rc			123	123	173	123
16		Black Bittern	Dupetor flavicollis	Kali Bagli	LM	w	LC						72
	CIC	ONIIDAE			,			1	·			,	
17		Painted Stork	Mycteria leucocephala	Janghil	LM	w	NT		D	120	125	E8	6
18		Openbill Stork	Anastomus oscitans	Ghonghil	LM	w	rc		(2)	128	13	8	(2)
19		Woolly-necked Stork	Ciconia episcopus	Haji Laglag	LM	w	rc		[2]	68	123	123	a
20	L	Black -necked Stork	Ephipplorhynchus asiaticus	Loharjung	М	w	LC			03	Ħ		

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВПАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
21		White Stork	Ciconia ciconia	Ujla Laglag	PM	w	rc		123	123	[2]	_	
22		Lesser Adjutant	Leptoptilos javanicus	Chandiyari	٧	w	VUL		13		_		
	THR	ESKIORNITHIDE Black-headed	Threskiornis	ľ			1	<u> </u>		1		1	\dashv
23		Ibis	melanocephalus	Safed Bujja	LM	w	NT		123	0	[2]	Ď	D
24		Eurasian Spoonbill	Platalea leucorodal	Chamcha	М	w	rc			123	ß	12)	
25		Black Ibis	Pseudibis papillosa	Kala Bujja	LM	w	rc			123	1 20	6	m
26		Glossy Ibis	Plegadis falcinellus	Koaari Bujja	LM	w	LC		Z	13	0	Ü	72
	ANA	ATIDAE	·										
27		Lesser whistling Teal	Dendrocygna Javanica	Choti Silehl	LM	w	LC		123	123	[2]	6	123
28		Ruddy Shelduck	Trdorna ferruginea	Surkhab	WM	w	1.C		0	0	6	133	123
29		Northern Pintail	Anas acuta	Sinkhpar	WM	w	LC		123	123	0	133	
30		Common Teal	Anas crecca	Choti Murgabi	WM	w	ιc		72	123	<u> </u>		
31		Spot-billed Duck	Anas poecilorhyncha	Gugral Batakh	LM	w	rc		0	121	13	128	[2]
32		Mallard	Anas platyrhynchos	Neel Sar Batakh	wm	w	LC		123	13	120		
33		Comb Duck	Sarkidiornis melanotos	Nakta	wM	w	LC		12	2	123	03	123
34		Norther Shoveler	Anas clypeata	Tidari Batakh	wm	w	LC		7	[3]	12		
35		Common Pochard	Aythya ferina	Choti Lai Sar Batakh	wM	w	VUL		72	03	13		
36		Red crested Pochard	Rhadonessa rufino	Lal Sar Batakh	WM	w	LC		13	13	12	133	13
37		Ferruginous Pochard	Aythya nyroca	Kurchiya Batakh	wM	w	NT		[3]	123	12		
38		Gadwail	Anas strepera	Bekhur Batakh	ww	w	ιc		123	13	[2]	63	126
39		Eurasian Wigeon	Anas penelope	Piyasan Batakh	WM	w	rc				13	133	a
40		Gargeny	Anas querquedula	Cheta Batakh	wM	w	LC		23	13	[2)		
41		Cotton Pygmy- goose	Nettapus coromandelianus	Girl-Batakh	LM	w	ŁC		-		<u>B</u>	li i	13
	ACC	IPITRIDAE						<u> </u>					\dashv
42		Black- Shouldered Kite	Elanus caeruleus	Kapasi Cheel	R	т	LC		13	13	12	63	03
43		Oriental Honey- Buzzard	Pernis ptilorhyncus	Sahutela	R	т	LC			13	D 3	_	123
44		Black Kite	Milvus migrans	Samanya	R	τ	ľC		<u> </u>	73	[2]	13	[3]

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
\vdash				Cheel					_	_			
45		Shikra	Accipiter badius	Sikra	R	T	LC		123	D	đ	123	7
46		White-eye Buzzard	Bustastur teesa	Teesa	R	Т	ιc				13		(2)
47		Long-legged Buzzard	Buteo rufinus	Lamtang Chuha Maar	v	т	rc		23				
48		Red headed Vulture	Sarcogyps calvus	Raj Gidh	R	т	CR		73	a			
49		Egyptian Vulture	Neophorn percnopterus	Safed Gidh	R	ī	EN		Œ	7	69		63
50		White-rumped Vulture	Gyps beangalensis	Chamar Gidh	R	Ţ	CR			[2]	<u> 1</u> 23		123
51		Greater Spotted Eagle	Aquila clanga	Kaljangha	۷	т	VUL				8	8	
52		Steppe Eagle	Aquila nipalnsis	Ragad Ukab	WM	Т	EN		(3)	[2]	Œ		
53		Imperial Eagle	Aquila heliaca	Bada Jumji Ukab	٧	T	ГС			[3]	20		
54		Booted Eagle	Hieraaetus pennatus	Gilharimar Baaz	V	٣	ιc			6	60	23	
55		Marsh Harrier	Circus aeruginosus	Dalđali Patal	wm	T	ГС		123	13	2 3	123	173
56		Crested serpent Eagle	Spilornis cheela	Dogra Cheel	R	τ	rc		D 3	23	B	123	13
57		Black Eagle	Lctinaetus malayensis	Syah Cheel	٧	Т	rc			2			
58		Osprey	Pandion haliaetus	Machlimar	WM	w	LC		126	[2]		123	
59		Indian Spotted Eagle	Aquila hastata	Desi Ukab	v	Т	VUL			12)			
60		Brahminy Kite	Hallasur indus	Safed Sar Cheel	LM	w/t	rc					121	
	FAL	CONIDAE		-									
61		Common Kestrel	Falco tinnunculus	Samanya Khermutiya	wm	T	LC		13	13	17	73	æ
62		Eurasian Hobby	Falco subbuteo	Morarasni	WM	Т	LC			[2]			_
63		Peregrine Falcon	Falco peregrinus	Saheen	WM	т	1.C			B	10		
	PHA	SIANIDAE											,
64		Painted Francolin	Francolinus pictus	Chitrit Teetar	R	G	rc			123	108		
65		Black Francolin	Francolinus francolinus	Kala Teetar	R	G	ιc		123				
66		Grey Francolin	F.pondicerianus	Safed Teetar	R	G	ιc		103	00	72	120	123
67		Common Quail	Coturnix coturnix	Bada Bater	R	G	LC		15	D	123	73	123
68		Small Buttonquail	Turnix sylvatica	Chota Gulu	LM	G	LC			B	Ø		
69		Barred Button Quail	Turnix susciator	Dhariya Gulu	R	G	ГС			12			
70		Indian Peafowl	Pavo cristatus	Mor	R	s	LC	National Bird	123	123	123	0	D

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
	TUR	NICIDAE											
71		Indian yellow Legged Button Quall	Turnix tanki	Pit Pair Gulu	R	G	LC			(2)			
	GRU	IDAE											
72		Sarus Crane	Grus antigone	Sarus	LM	w	VUL	World tallest flying bird	12)	[2]	130		123
	RAL	LIDAE											
73		White breasted Waterhen	Amaurornis phoenicurus	Safed Chati Jalmurgi	R	w	LС		D	123	13	ta	123
74		Purple Swamphen	Porphyria parphyria	Jamluni Jalmurgi	R	w	ГС		173	E 2	123	(2)	G
75		Common Moorhen	Gallinula chloropus	Samanya Jaimurgi	R	w	ГС		15	1 23	13	ta	13
76		Eurasian Coot	Fulica atra	Tikdi	ww	w	LC		123	12	123	13	0
77		Brown Crake	Amaurornis akool	Bhuri Crake	LM	w	ιc			13			
78		Baillon's Crake	Prozana pusilla	Belon Crake	wM	w	LC		123				
79		Slaty breasted Rail	Gallirallus striatus	Kheri Pankukri	LM	w	rc			Ø			
80		Watercock	Gallicrex cinerea	Kora	v	w	LC	Data Deficient			13		
	JAC/	ANIDAE											
81		Bronze-winged Jacana	Metopidius Indicus	Jalpipi	R	w	rc		73	2	6 3	E	73
82		Pheasant-tailed jacana	Hidrophasianus chrurgus	Piho	R	w	LC		13	123	100	13	13
	ROS	TRATULIDAE			1								
83		Painted Snipe	Rostratula benghalensis	Raj Chaha	WM	w	LС	-	Œ	12)	Ø		
	REC	JRVIROSTRIDAE		·									—
84		Black-winged Stilt	Himantopus himantopus	Gajpaon	R	w	LC		23	73	[2]	ß	13
85		Pied Avocet	Recurvirostra avosetta	Kasya Chaha	WM	w	LC						
	SCO	LOPACINAE	<u> </u>									!	
86		Eurasian Curlew	Numenius arquata	Bada Gulinda	wm	w	NT		2	Z	13		
87		Black-tailed Godwit	Limosa limosa	Bada Guđera	wM	w	NT			Z	12	6	

		·			F		····						
S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
88		Bar-tailed Godwit	Limosa lapponica	Chota Gudera	wM	w	ιc		63	tô .		123	
89		Temminck's Stint	Calidris temminckii	Temnik Panlava	WM	w	ГС			03			
90		Little Stint	Calidris minuta	Chota Panlewa	WM	w	ιc			133			
91		Common Snipe	Gallinago gallinago	Samanya Chaha	wm	w	ιc			Ğ	0		
92		Common Greenshank	Tringa nebularia	Bada Timtima Chobaha	wm	w	£C.			13	72		
93		Green Sandpiper	Tringa ochropus	Hara Chobaha	WM	w	LC			2			123
94		Marsh Sandpiper	Tringa stagnatilis	Chota Timtima Chobaha	wm	w	£C		Ø	2 3	[2]	Œ	63
95		Common Sandpiper	Actitis hypoleucos	Samanya Chobaha	WM	w	rc		123	123		13	
96		Wood Sandpiper	Tringa glareola	Bhura Chobaha	wM	w	LC		13				
97		Common Redshank	Tringa tetanus	Chota Surma Chobaha	WM	8	ιc		13	23	123	ß	Ď
98		Spotted Redshank	Tringa erythropus	Bada Surma Chobaha	wm	w	LC			123	83		
	СНА	RADRIIDAE											
99		Red wattled Lapwing	Vanellus Indicus	Sharari Titahri	R	w	ιc		123	15	0	73	62
100		Yellow-wattled	Vanellus malabaricus	Zard Titahri	R	w	ιc			8	<u> </u> 123		
101		Grey-headed Lapwing	Vanellus cinereus	Sileti Sər Titahri	wm	w	LC	Recoded By Dr. Gita Rani Gupta first time on 16 th March 2017		_			
102		Little Ringed Plover	Charadrius dubius	Jira Batan	wm	w	ĹĊ		123	æ	Ø	123	123
	LAR	IDAE			1			1				1	
103	<u> </u>	River Tern	Sterna aurantia	Jai Kurari	R	W	NT		[2]	[2]	[2]	6	120
104		Black-bellied Tern	Sterna acuticauda	Kalpeti Kurari	LM	w	EN			123	13		
105		Brown headed Gull	Chroicocephalus brunnicephalus	Samanya Ghomra	WM	w	rc	,	133	08	03	0	122
106		Black-headed Gull	Larius ridibundas	Kal Sar Ghomra	wm	w	LC		123	73	6	72	7
107		Pallas's Guil	Larus ichthyaetus	Bada Ghomra	wM	w	LC			73	1 20		

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ON'S	FAMILY	COMMON NAME	SCIENTIFIC NAME	Cas NAME	S MIGRATORY/ S LOCAL RESIDENT	≤ HABITAT	ਨ conservation STATUS	REMARKS	Year 2000	ର Year 2008	Year 2010	Year 2018	Year 2020
109		Little Tern	Sterna albifrons	Ghomra Choti	LM	w	LC		122	<u> </u>			
-		-	Chlidonias	Kurari Muchal									
110		Whiskered Tern	hybridus	Kurari	R	W	LC	<u> </u>	<u></u>	ļ			đ
	BUR	HINIDAE	·										
111		Great Thick-knee	Esacus recurvirostris	Bada Karwan	R	W/RA	NT		li	12			
	COL	UMBIDAE											
112		Blue rock Pigeon	Columba livia	Samanya Kabutar	R	Т	LC		123	æ	Ø	2	03
113		Eurasian Collared Dove	Streptopella decaocto	Dhawar Fakta	R	Т	rc		123	123	0	ß	133
114		Red Collared Dove	S.tranquebarica	Int Kohari Fakta	R	Т	LC		123	123	63	E	123
115		Spotted Dove	S.chinensis	Chitrokha Fakta	R	т	rc		13	6	B	[2]	150
116		Laughing Dove	S.senegalensis	Tutru	R	т	ιc		13	13	23	25	120
117		Oriental Turtle Dove	Sterptopelia oreintalis	Kalhak Fakta	R	Т	LC		[2]	123	13	12)	123
118		Orange – breasted Green Pigeon	Treron bicinctus	Kesar Chati Hariyal	٧	Т	rc			G			Œ
119		Yellow-footed Green Pigeon	Treron phoenicopterus	Samanya Hariyal	R	ī	LC		123	(2)	15	12	B
	PSIT	TACIDAE						,	_				
120		Rose-ringed Parakeet	Psittacula krameri	Kanthi Wala Tota	R	T	rc		8	[2]	13	2	13
121		Plum-headed Parakeet	Psittacula cyanocephala	Tuniya Tota	R	Т	LC		[2]			D	13
122		Alexandrine Parakeet	Psittacula eupatria	Hiraman Tota	R	T	NT		123	Ø			
	CUC	JUDAE -					~						
123		Jacobin Cuckoo	Clamator jacobinus	Ablak Chatak	SM	T	LC		13	121	3	13	13
124		Common Hawk Cuckoo	Hierococcyx varius	Samanya Papiha	R	Т	LC		8	13	123	123	63
125	_	Asian Koel	Eudynamys scolopacea	Koel	LM	т	LC		[2]	8	12)	121	15
126		Greater Coucal	Centropus sinensis	Mahok	R	Ţ	LC		63	123	123	120	D

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВПАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
127		Indian Cuckoo	Cuculus micropterus	Kafal Pakka	SM	т	ιc		D	72	63	123	1 2
128		Eurasian Cuckoo	Cuculus canorus	Kufu Khuk	SM	τ	LC				[3]	B	
129		Plaintive Cuckoo	Cacomantis merulinus	Laipeti Khuk	ν	τ	ιc	Vary rare sighting				1 3	13
130		Grey-bellied Cuckoo	Cacomantis passerinus	Surmai Khuk	SM	т	LC			Ö			
131		Sirkeer Malkoha	Phaenicophaeus Ieschenaultii	Lalmukhi Malkoha	R	Т	LC			ß			
	TYTO	ONIDAE			1								
132		Barn Owl	Tyto alba	Karel Ullu	R	ī	ГС		123	0	123	63	3
	STRI	GIDAE	_	· · · · · · · · · · · · · · · · · · ·									
133		Eurasian Eagle Owl	Bubo bubo	Samanya Ghughu	LM	т	rc				8		
134		Spotted Owlet	Athene brama	Samanya Khusat	R	т	LC		D)	1 2	1	12	13
135		Jungle Owlet	Glaucidiun radiatum	Jungli Dundul	R	т	rc		Z				
136		Indian Scops Owl	Otus bakkamoena	Galpatti Chugad	R	Т	LC			(2)			
137		Mottled Wood Owl	Strix ocellata	Chitra Van Ullu	R	Т	LC		123	[2]	G	15	120
138		Brown Wood Owl	Strix lepogrammica	Samanya Van Ullu	V	Τ	rc			Z 2			
139		Dusky Eagle Owl	Bubo coromandus	Ghulyan Ghughu	LM	T	ιc			127	12)		
140		Brown Fish Owl	Ketupa Zelonensis	Amrai Ka Ullu	LM	Т	ιc		E	123	<u> </u>		ļ
	САР	RIMULGIDAE								,		_	
141		Indian Nightjar	Caprimulgus aslaticus	Samanya Chapka	R	G	LC		100	73	123	1 2	Dã
142		Savanna Nightjar	Caprimulgus affinis	Savana Chapka	R	G	ГC		123	6	15	[2]	123
143		Large-tailed Nightjar	Caprimulgus macrurus	Bad- Poonch Chapka	LM	G	LC		123	123	2	B	(2)
	APC	DDIDAE											
144		Little Swift	Apus offinis	Gharelu Ababil	R	A	rc		0		123		
145		Asian Palm Swift	Cypsiurus balasiensis	Tadi Ababil	V	А	ιc		8	[2]			123
146		Alpine Swift	Tachymarptis melba	Badi Ababil	LM	A	LC		(2)		123		
	HE	MIPROCNIDAE											

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
147		Crested Treeswift	Hemiprocne coronata	Chotidar Ped Ababil	R	τ	rc			62	đ		
	ALC	EDINIDAE											
148		Pied Kingfisher	Ceryle rudis	Korila Kilkila	R	W	rc		B	123	129	13	13
149		Common Kingfisher	Alcedo atthis	Chota Kilkila	R	W	LC		123	123	[2]	[3]	Ø
150		Stork-billed Kingfisher	Halcyon capensis	Bada Chonch Kilkila	R	W	rc			2	ß	123	
151		White-throated Kingfisher	Halcyon smyrrnensis	Safed Chati Kilkila	R	8	LC		2	123	6 3	8	G
	MEF	ROPIDAE											
152		Blue- tailed Bee- eater	Merops philippinus	Neel Dum Patringa	PM	T	rc	Passage Migrant		15	S		
153		Green Bee-eater	Merops orientalis	Hara Patringa	R	Т	rc		6	120	13	13	73
	COR	ACIIDAE	"	<u></u>						•			
154		Indian Roller	Coracias benghalensis	Neekanth	R	Т	LC	-	[2]	123	8	123	123
155		European Roller	Coracias garrulus	Vilyati Neelkanth	٧	Т	ıc	-		<i>I</i> 2			
	UPU	PIDAE											
156		Common Hoopae	Upupa epops	Hudhud	R	Ţ	rc		123	23	13	129	75
	BUÇ	EROTIDAE											
157		Indian Grey Hornbill	Ocyceros birostris	Sileti Dhanesh	R	Т	LС		2	D	83	133	12
	CAP	ITONIAE											
158		Coppersmith Barbet	Megalaima haemacephala	Tathera Basanth	R	τ	ГС		69	83	63	23	7
159		Brown-headed Barbet	Megalaima zeylanica	Bada Basantha	R	Т	LC		-		B	123	
	PICIL	DAE						·		·	•		
160		Lesser Goldenback	Dinopium benghalense	Kalputh Angara Katfoda	R	т	rc		12	0	ð		
161		Yellow-crowned Woodpecker	Dendrocopos mahrattensis	Piltaj Katfodiya	R	Ť	LC				[2]		
162		White-naped Woodpecker	Chrysocolaptes festivus	Safed Gudi Katfoda	R	۲	LC		73	120	G	12)	<u> </u>
163		Eurasian Wryneck	Jynx torquilla	Gardan Entha	М	Т	LС		[2]	13	12	123	6

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВПАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
164		Brown-capped Pygmy Woodpecker	Dendrocopos nanus	Bhura Sar Katfodiya	R	т	LC			B	0		
	PITT	IDAE											
165		Indian Pitta	Pitta brachyura	Navranga	SM	Т	LC		<u> </u>	13	13		
	ALA	JDIAE	 -	 -			 						
166		îndian Bushlark	Mirafra erythroptera	Bhartiya Jhad Bharat	LM	G	ιc		D	15	133		
167		Crested Lark	Galerida cristata	Chotidar Chandul Bharat	R	G	LC			12	23		
168		Rufous-tailed Lark	Ammomanes phoenicurus	Lal Pucha Bharat	R	G	ιc		Ø	123	0	13	[2]
169		Singing Bushlark	Mirafra cantillans	Gayak Jhad Bharat	LM	G	ιc	I		125			
170		Ashy-crowned Sparrow lark	Eremopterix grisea	Sileti Sar Dabcachari	R	G	rc				0	Ö	129
	HIRI	JNDINIDAE											
171		Barn Swallow	Hirundo rustica	Samanya Ababil	wm	А	rc		6	[3]	123	133	133
172		Wired-tailed Swallow	Hirundo smithii	Leshar Ababil	R	А	rc		0	0	123	(2)	15
173		Red-rumped Swallow	Cercropis daurica	Lalputhi Ababii	R	Α	ιc		_	1 66	13		
174		Dusky Crag Martin	Hirundo concolor	Dhumil Shel Ababil	R	Α	LC			123	ß	!	
	LAN	IIDAE	 	T		ı	 	<u> </u>			_		<u> </u>
175	ļ 	Bay-backed Shrike	Lanius vittatus	Matiya Lahtora	R	Т	ιc		123	[2]	2	2	123
176		Long-tailed Shrike	Lanius schach	Lamb Poonch Lahtora	R	т	LC		6	0	123	6	G
177		Brown Shrike	Lanius cristatus	Bhura Lahtora	wм	Т	LC		73	Œ			
178		Southern Grey Shrike	Lanius meridionalis	Dakshin Sileti Lahtora	LM	т	ιc		0	0			6
	ORI	OLIDAE	<u> </u>				, -			1		,	
179		Eurasian Golden Oriole	Oriolus oriolus	Swarn Peelak	R	т	ГС		6	23	0	G	[2]

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	навітат	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
180		Black-hooded Oriole	Oriolus xanthornus	Topidar Peelak	R	τ	ιc		123		133		:
	DIC	RURIDAE											
181		Black Drongo	Dicrurus macrocerus	Kala Bhujanga	R	Т	LC		Œ	12	72	Ö	E
182	<u> </u>	White-bellied Drongo	Dicrurus caerulescens	Safed pet bhujanga	R	T	LC		(3	65	123	1	3
	МО	NARCHIDAE			,								
183		Black-naped Monarch	Hypothymis azurea	Kala Katkatiya	R	т	LC			13	133		
184		Asian Paradise Flycatcher	Terpsiphone paradisi	Doodhraj	LM	т	LC	State Bird of M. P.	2	123	23	[2]	13
	STR	UNIDAE						· · · · · · · · · · · · · · · · · · ·					
185		Chestnut-tailed Starling	Sturnus malabarica	Pawai Myna	LM	τ	ιc			75	73		
186		Brahminy Starling	Sturuns pagodarum	Puhya	R	нн	LC		63	123	Ø	75	03
187		Asian Pied Starling	Sturnus contra	Ablaki Myna	R	нн	LС		0	13	0	1 33	03
188		Rosy Starling	Sturnus roseus	Gulabi Myna	wм	т	LC			Ø	0		
189		Common Myna	Acridotheres tristis	Desl Myna	R	нн	LC		2	E 3	E3	12	13
_	COR	VIDAE			<u> </u>		<u> </u>	·					L
190		Rufous Treepie	Dendrocitta vagabunda	Tarupik	R	Т	ГС	·	133	[3]	123	120	133
191		House Crow	Corvus splendens	Desi Kowa	R	нн	LC		23	B	13	2	Œ
192		Jungle Crow	Corvus macrorhynchos	Jungli Kowa	R	τ	rc		13		12	E3	23
	MO	TACILLIDAE					· · ·		<u> </u>	اــــــا			
193		Blyth's Pipit	Anthus godlewski	Blyath Charchari	WM	G	LC			ß			
194		Paddyfield Pipit	Anthus rufulus	Khet Charchari	R	G	LC		120	12)	123	22	(2)
195		Tree PipIt	Anthus trivalis	Taru Charchari	wM	Т	LС			63			
196		White Wagtall	Motacilia alba	Safed Khanjan	wM	w	rc		[2]	0	15	12	13
197		Yellow Wagtail	Motacilla flava	Pilkiya Khanjan	wм	w	LC		E	E2	120	73	13

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
198		Citrine Wagtail	Motacilla citreola	Pila Khanjan	wm	w	LC		63	120	0	123	120
199		White-browed Wagtail	Motacilia maderaspatensis	Safed Bhon Khanjan	R	w	rc		Ð	Di .	63	2	Ø
	CAN	PEPHAGIDAE	-	·		<u> </u>							
200		Common Woodshrike	Tephrodornis pondicerianus	Samanya Tarti Tuinyan	R	т	ГС		Ø	D	[2]		
201		Large Cuckoo Shrike	Coracina macei	Bada Kasya	R	т	rc			Ø	133		
202		Black-headed Cuckoo shrike	Coracina melanoptera	Jungli Kasya	LM	Т	ГС			120	23		
203		Small Minivet	Pericrocotus cinnamomeus	Chota Rajalal	R	ī	LC		6	120	(2)	[2]	3
204		White-bellied Minivet	Pericrocotus erythropygius	Safed pet Rajalal	LM	τ	LC			120	0		123
205		Long-tailed Minivet	Pericrocotus ethologus	Chota Pahadi Rajalal	WM	т	ιc			123			
206		Scarlet Minivet	Pericrocotus flammeus	Bada Pahadi Rajalal	R	т	ιc		6	123	6		
	RHI	PIDURIDAE	<u>, </u>				7	1	_			T	-
207		White-browed Fantail	Rhipidura aureola	Safed Nachni	R	Т	rc		2	6	6	0	6
	IRE	NIDAE											
208		Common tora	Aegithina tiphia	Shobhigi	R	т	rc		0	1 23	[2]	120	101
209		Marshall's Iora	Aegithina nigrolutea	Marshal Shobhigi	LM	Т Т	rc			63			
210		Golden-fronted Leafbird	Chloropsis aurifrons	Swarnbhal Herewa	R	τ	LС			125	0	D5	123
211		Jerdon's Leafbird	Chloropsis Jerdoni	Neela Pankh Herewa	R	т	rc			123			
	PYC	NONOTIDAE					 						Т-
212		Red vented Bulbul	Pycnonotus cafer	Gul Dum Bulbul	R	т	rc		123	03	0	Ø	E
	TIN	MALIINAE		T			1	.		1	1	_	_
213		Yellow eyed Babbler	Chrysomma sinense	Shon Chasm Charkhi	R	Т	ιc		(2)	0	123	123	6
214		Twany-beilled Babbler	Dumetia hyperythra	Laichon Pet Charkhi	R	s	rc			D3.	6		•

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S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВПАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
215		Common Babbler	Turdoides caudates	Dumari Gogai Charkhi	R	s	LC		153	25	(2)	凸	128
216		Large grey Babbler	Turdoides malcolmi	Badi Goagi Charkhi	R	5	rc		123	6	2	123	6
217		Jungle Babbler	Turdaides striatus	Jungli Gogal Charkhl	R	S	ĽС		123	03	8	23	0
	NEC	TARINIIDAE											
218		Purple Sunbird	Cinnyris asiatica	Begani Sakarkhora	R	Т	ιc		173	23.	123	[3]	123
219		Purple-rumped Sunbird	Leoptocoma zeylonica	Bada Panchrangi Sakarkhora	LM	Т	rc			2 3	1		123
	PAR	IDAE											
220		Great Tit	Parus major	Sileti Ramgangra	R	т	LC		0	2	13	1 2	D)
	PLO	CEIDAE					·						
221		House Sparrow	Passer domesticus	Gharelu Gorraiya	R	т	LC		03	66	123	(2)	6
222		Yellow throated Sparrow	Petronia xanthocollis	Lai Kandha Gorraiya	R	Т	LC		a	123	173		123
223		Baya Weaver	Ploceus philippinus	Samanya Baya	R	Т	rc		E3)	123	123	<u> </u>	13
	DIC	AEIDAE											
224		Thick-billed Flowerpecker	Dicaeum agile	Bheem Chonch Fulchuki	R	Υ	rc			:		Œ	123
	EST	RILDIDAE						•	_				
225		Red Avadavat	Amandava amandava	Lal Munia	LM	G	rc		123	13	13	13	73
226		Black –headed Munia	Lonchura malacca	Kal Sar Munia	LM	G	LC			55	123		13
227		White-rumped Munia	Lonchura striata	Safed Puth Munia	LM	G	LC				(2)		
228		Scaly-breasted Munia	Lonchura punctulata	Chitti Munia	R	G	rc		ß	[2]	73	13	a
229		Indian Silverbill	Lonchura malabarica	Sada Munia	R	G	LС		Ø	0	13	8	13
	CIST	ICOLIDAE							·				
230		Zitting Cisticola	Cisticola juncidis	Zit Zit Ziti Dum Fudki	R	G	rc		[2]				
231		Common Tailorbird	Orthotomus sutorius	Darjin	R	G	ıc		13	Ø	121	D	[2]

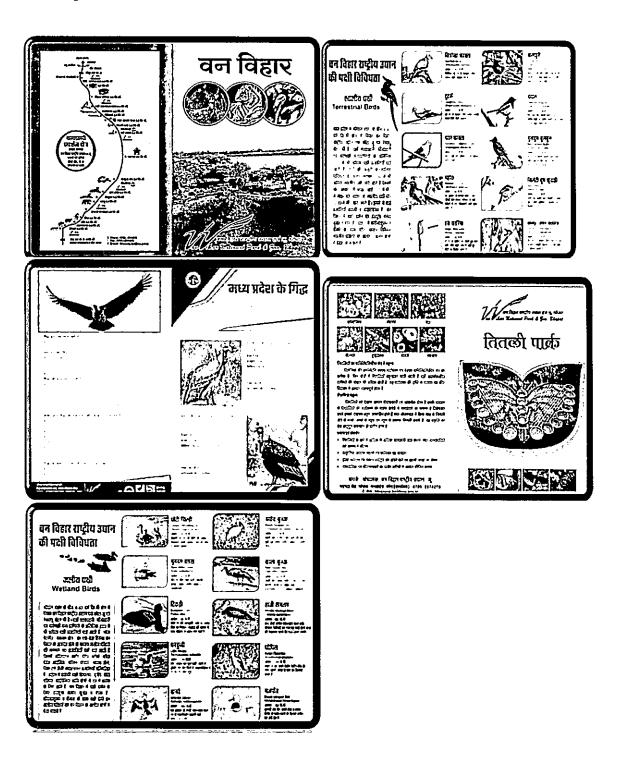
S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВІТАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
232		Grey-breasted Prinia	Prinia hodgsonii	Sileti Chati Dum Fudki	R	G	LC		121	13	23		
233		Jungle Prinia	Prinia sylvatica	Jungli Dum Fudki	LM	G	LC		8				
234		Ashy Prinia	Prinia socialis	Sileti Dum Fudki	R	G	LС		13	121	G	120	121
235		Plain Prinia	Prinia inornata	Sada Dum Fudki	R	G	LC		3	123	(3)	0	120
	MEG	FALURINAE											
236		Bristled Grass Bird	Chaetornis striata	Dhariya Ghas Fudki	LM	G	Globally Threatened	Rediscovered			13		
	MUS	SCICAPIDAE											\neg
237		Blyth's Reed Warbler	Acrocephalus dumetorum	Podena Narkul Fudki	wm	G	l.C			123			
238		Greenish Warbler	P.trochiloides	Hari Padfudki	wм	Т	LC		đ	13	13	133	[2]
239		Booted Warbler	Hippolais caligata	Badpaon Fudki	WM	Т	LC		69	E		10	D 3
240		Tickell's Leaf Warbler	Phylloscopus affinis	Pil Pet Padfudki	ww	Т	LC			23			
241		Clamorous Reed Warbler	Acrocephalus stentoreus	Badi Narkul Fudki	WM	G	LC			齿			
242		Lesser Whitethroat	Sylvia curruca	Chota Tiktiki Fudki	WM	Т	LC		123	Œ	13	(3	a
243		Common Chiffchaff	Phylloscopus collybita	Samanya Chip Chip Fudki	wm	т	LC			ď			
244		Bluethroat	Luscinia svecica	Nil Kanthi Lusinia	wм	w	rc.		120	63	173	7	63
245		Magpie Robin	Copsychus saularis	Dayal	R	т	LC		0	Ø	2	126	12
246		Black Redstart	Phoenicurus ochruros	Kala Thirthira	wm	Т	rc		12	23	Œ	8	128
247		Brown Rock-chat	Cercomela fusca	Tharthar Kampni	R	т	ιc			60	13		100
248		Pied Bushchat	saxicola caprata	Ablak Jhadi Pida	R	G	LC		Ø	123	123	ß	123
249		Indian Robin	saxicoloides fulicata	Kalchuri	R	τ	rc		ß	123	123	13	12
250		Blue Rock Thrush	Monticola solitarius	Kashmiri Kastura	ww	Т	rc		æ	0	120		

										1			
S.NO	FAMILY	COMMON NAME	SCIENTIFIC NAME	LOCAL NAME	MIGRATORY/ LOCAL RESIDENT	НАВПАТ	CONSERVATION STATUS	REMARKS	Year 2000	Year 2008	Year 2010	Year 2018	Year 2020
251		Orange-headed Thrush	Zoothera citrina	Kesri Sar Kastura	LM	т	LC			D			
252		Indian Blackbird	Turdus merula	Kal Par Pawai Kastura	R	٣	rc		1 3	13			
253		Asian Brown Flycatcher	Muscicapa dauurica	Bhura Kitmar	LM	T	rc		(2)	13	E	8	6
254		Red-breasted Flycatcher	Ficedula parva	Sifiya Machariya	WM	τ	ιc		123	133	6	Ø	0
255		Taiga Flycatcher	Ficedula albicilla	Talga Machariya	WM	τ	LС			2 3			
256		Ultramarine Flycatcher	Ficedula superciliaris	Samundri Neel Machariya	wM	Т	ıc			Œ			
257		Verditer Flycatcher	Eumylas thalassina	Varditer Machariya	WM	Т	rc				[2]	ß	[2]
258		Tickell's Blue Flycatcher	Cyronis tickelliae	Tickli Machariya	R	т	LС		123	23	123	26	8
259		Grey-headed Canary Flycatcher	Culicicapa ceylonensis	Pilpeti Machariya	wm	т	ıc		[2]	120	0 3	6	13
260		Common Stonechat	Saxicola leucura	Samanya Bhat Pidda	WM	G	ГС		ß	8	15	123	13
261		Chestnut-bellied Nuthatch	Sitta Castanea	Khair Pet Siri	LM	Т	LC			13			
					EMBER	ZINAE			1				
262		Crested Bunting	Melophus lathami	Choti Patthar Chirta	R	G	rc		15	123	6		[2]
263		Grey-necked Bunting	Emberiza buchanani	Sileti Gardan Chirta	wm	т	LC			23	13		
264		Black-headed Bunting	Emberiza melanocephala	Kalsar Chirta	WM	G	LC			120	[2]		
265		Red-Headed Bunting	Emberiza bruniceps	Lalmukhi Chirta	wm	G	LC				15		
					ZOSTER	OPIDAE							
266		Oriental White- eye	Zosterops palpebrosus	Purvi Babuna	R	т	ГС		3	17	173	13	12)

Media Coverage



Way to know more about the Brochures



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Le Nov. 2022 Dr. P. S. Easa, formerly with 944

Kerda Frest Res. Instituta

Chemica Gol MEE Team)

Mr Sindhi Sharma (Former Hoff, Rajasha)

Dr. Abhishak Bhatnagar (WWF-Judia)

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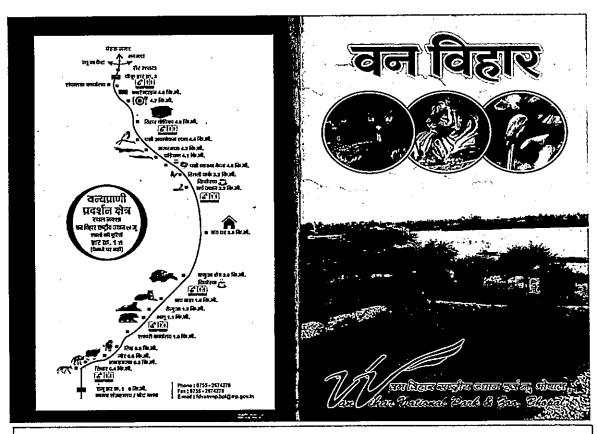


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