



SATPURA TIGER RESERVE

5TH BIRD SURVEY
25TH TO 27TH FEBRUARY - 2022

BIRD SURVEY REPORT
BY
WILD WARRIORS, INDORE &
CITIZENS FOR NATURE, JABALPUR



सतपुड़ा के घने जंगल

सतपुड़ा के घने जंगल।
नींद में डूबे हुए से
ऊँघते अनमने जंगल।
झाड़ ऊँचे और नीचे,
चुप खड़े हैं आँख मीचे,
घास चुप है, कास चुप है
मूक शाल, पलाश चुप है।
बन सके तो धँसो इनमें,
धँस न पाती हवा जिनमें,
सतपुड़ा के घने जंगल ऊँघते
अनमने जंगल।
अजगरों से भरे जंगल।
अगम, गति से परे जंगल
सात-सात पहाड़ वाले,
बड़े छोटे झाड़ वाले,
शेर वाले बाघ वाले,
गरज और दहाड़ वाले,
कम्प से कनकने जंगल,
नींद में डूबे हुए से
ऊँघते अनमने जंगल

धँसो इनमें डर नहीं है,
मौत का यह घर नहीं है,
उतर कर बहते अनेकों,
कल-कथा कहते अनेकों,
नदी, निर्झर और नाले,
इन वनों ने गोद पाले।
लाख पंछी सौ हिरन-दल,
चाँद के कितने किरन दल,
झूमते बन-फूल, फ़लियाँ,
खिल रहीं अज्ञात कलिया
हरित दूर्वा, रक्त किसलय,
पूत, पावन, पूर्ण रसमय
सतपुड़ा के घने जंगल,
लताओं के बने जंगल।

-
भवानीप्रसाद मिश्र



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ACKNOWLEDGEMENT



SHRI L.KRISHNA MOORTHY (IFS) FIELD DIRECTOR SATPURA TIGER RESERVE

We would like to give special thanks to the Additional Principal Chief Conservator of Forest - & Field Director Satpura Tiger Reserve Shri L.Krishna Moorthy for the initiative taken to conduct the survey and trust shown on us. The survey was possible due to his willingness and enthusiasm to keep on exploring Satpura and increasing the check list of the birds species.

Further we would like to thanks Shri S K Prajapati- Deputy Director Satpura Tiger Reserve Narmadapuram, Shri Onkar Singh Marskole- A.D.-Pipariya, Shri Dheeraj Singh Chauhan- A.D. Itarsi, Shri V B Singh- A.D.-Panchmadhi, Shri Naval Singh Chauhan- R.O. Bori , Shri Nishant Doshi- R.O.-Tawa Buffer, Shri Vinod Verma-R.O. Churna, Shri SS kalbeliya-R.O.-Kamti, Shri Vijay Baraskar-R.O.- Bagra Buffer, Shri Padaam Singh R.O.- Pipriya, Shri Bhura Gaikwad- R.O.- Denver Buffer, Shri J K Dehariya-R.O. Matkuli, Shri Umesh Maru- R.O. East Panchmadhi, Shri R B Pathak- R.O. West Panchmadhi & a very special thanks to Shri Sumit Saha & Shri Sandesh Maheshwari- A.D.- Sohagpur, who took utmost pain day and night to make this survey successful, it was under his supervision extensive planning of selection of trails, routes was done. Entire logistics was also coordinated by him.

We would like to thank Shri Abhishek Paliwal -BNHS & member of Wild Warriors & Shri Ajay Gadikar for providing the support to access E Bird app and Shri Ritesh Khabia & Shri Swapnil Phanse of the "Wild Warriors" an NGO based at Indore & Dr Vijay Yadav & Dr Aamir Nasirabadi of " Citizens For Nature" an NGO based at Jabalpur for coordinating the entire survey. Last but not the least special thanks to all the staff of STR and all the participants who participated wholeheartedly in the survey and without their support it would not have been possible to conduct the survey successfully.

MANAGING TEAM WILD WARRIORS



SHRI SWAPNIL
PHANSE
WILD WARRIORS



SHRI RITESH
KHABIA
WILD WARRIORS



SHRI SACHIN
MATKAR
WILD WARRIORS



SHRI ANSHUMAN
SHARMA
WILD WARRIORS



SHRI ABHISHEK
PALIWAL- BNHS &
WILD WARRIORS

MANAGING TEAM CFN Society



SHRI AAMIR
NASIRABADI
CFN SOCIETY



DR VIJAY SINGH
YADAV
CFN SOCIETY

SPECIAL THANKS

FOR BEING PART OF THE SURVEY



SHRI SUHAS KUMAR

RTD. PRINCIPAL CHIEF
CONSERVATOR OF FOREST



SHRI ANIL NAGAR

RTD. CHIEF CONSERVATOR
OF FOREST



SHRI RAMAN K

RTD. ADDITIONAL CHIEF
CONSERVATOR OF FOREST

We are thankful to Shri Suhas Kumar Sir - Rtd. Principal Chief Conservator of Forest, Shri Raman K Srivastava - Rtd. Additional Principal Chief Conservator of Forest, Shri Anil Nagar - Rtd. Chief Conservator of Forest & Smt. Asha Nagar for sparing there valuable time and giving blessings to all the staff and birders. There full time presence during the survey motivated all the nature lovers.

FOREWORD

pending



Mr. L. Krishna Moorthy (IFS)
Field Director
Satpura Tiger Reserve
(M.P.)

ABOUT SATPURA TIGER RESERVE

Satpura is a Sanskrit word, that means seven mountains (sapta - seven and pura - mountain). Satpura Tiger Reserve (STR) was first explored by Capt. J Forsith, he first discovered Panchmarhi in 1862 and in the year 1879 the areas of Satpura were declared as the reserve forest. The Bori area of Satpura is one of the ancient reserve forest of India. In the year 2000 Satpura was declared as a Tiger Reserve which currently located in the Hoshangabad District (newly named Narmadapuram) of Madhya Pradesh in India. Its a unique central Indian highland ecosystem which covers an area of 1502 km² which includes Satpura National Park, along with the adjoining Bori and Pachmarhi wildlife sanctuaries.

The terrain of the national park is extremely rugged and consists of sandstone peaks, narrow gorges, ravines and dense forests. The altitude ranges from 300 to 1,352 metres (984 to 4,436 ft). It has Dhoopgarh peak as high as 1,350 metres (4,430 ft) and the almost level plains of Churna.

STR is rich in biodiversity. The animals here include Tigers, Leopard, Sambar, Chital, Indian muntjac, Nilgai, Four-horned antelope, Chinkara, Wild Boar, Bear, Fox, Porcupine, Flying squirrel, Mouse deer, Gaur & Indian giant squirrel. There are atleast 337 species of birds found here. The flora consists of mainly Sal, Teak, Tendu, Mahua, Bel, Bamboo & Grasses and Medicinal Plants.



HOW TO REACH :

By Air

Bhopal is the nearest Airport (140 kms).

By Train

Piparia (26 kms), Sohagpur (18 kms) & Itarsi (56 kms) are the nearest city having Railway Stations well connected to Madai Gate & Panchmarhi Gate.

By Road

Well connected from Bhopal (140 kms) and other major cities like Itarsi, Hoshangabad (Narmadapuram), Indore etc.



OBJECTIVE

SATPURA BIRD SURVEY - 2022

- To document the bird diversity inside Satpura Tiger Reserve.
- To have a comprehensive list of birds species found in Satpura Tiger Reserve.
- To enrich knowledge of the local guides and and frontline staff of forest department on the birds & other elements of the nature.
- To continue to enhance the list of bird species in comparison to earlier surveys.
- To promote Citizen Science and involvement of Nature Lovers.
- To make future strategies for the conservation of Avifauna.
- To make local people aware about the importance of biodiversity and its significance and encourage Citizen Science and help improving the checklist on a regular and on a near real-time basis.
- To record the bird diversity on eBird, so that the compiled data is easily accessible to students, academicians, nature volunteers researchers scientists seamlessly.



Methodology & Protocol Used

SATPURA BIRD SURVEY - 2022

- A total of 38 different birding camps/trails were identified on which the 38 teams travelled on foot and documented the different bird species that came across.
- Each team constituted of 02 members + 01 guide/naturalist along with the forest guards/watchers.
- The survey was documented on the eBird app. Each checklist was at least 15 minutes long and a maximum of upto 30 mins long.
- Targeted a minimum of 7-8 hours of birding (6:30 am-11:00 am morning and 3:30 pm - 6:30 pm evening) by each team on 25-Feb-2022 starting 6:30 AM. Checklists before 6:30 AM were also considered.
- All the eBird checklists were shared with the 'satpurabirdsurvey' group account on eBird and with respective team member user IDs.
- A checklist with Zero (0) birds recorded was still a valid checklist. This usually happen at night.
- While heading back to your base, it was expected if possible to take a circuit route rather than the same route back.
- The team's task was to record as many bird species as possible, but it was more important to record correct identity of the bird. Records with doubtful identifications were recorded by suitable 'slashes' (eg. Ashy/Black Drongo).
- Travelling checklists were preferred but only while walking. Checklists while driving were marked 'Incidental'.
- It was important that we record as many species as possible preferably in different habitats.
- Birders were also encouraged to record bird calls, as some of the times it is very helpful in identifying a bird species. The team leaders had the responsibility to submit the completed checklists on eBird.



SUMMARY OF 5TH BIRD SURVEY

SATPURA BIRD SURVEY - 2022

Total Applications Received	:	392
Total States Participated	:	12
Total Birders	:	78
Total No. of Bird Species Recorded	:	284
Total Check List Prepared	:	704
Overall Species Recorded In All 5 Surveys	:	337

13 New Species Recorded For First Time

01 Green Warbler	07 Fork-tailed Drongo-Cuckoo
02 Asian Emerald Dove	08 Indian Spotted Creeper
03 Variable Wheatear	09 Eurasian Hobby
04 Grey Necked Bunting	10 Black-winged Cuckooshrike
05 Blue-cheeked Bee-eater	11 Pallid Harrier
06 Lesser Adjutant	12 Yellow-browed Warbler
13 Rufous Woodpecker	

Year On Year Species Documented in All 5 Survey's

Survey Year	Total Species Recorded
2022	284
2021	246
2020	277
2019	256
2018	250

Ranges/Area Covered

Core Area

1. Kamti
2. Churna
3. Bori
4. Matkuli
5. East Panchmarhi
6. West Panchmarhi

Buffer Area

1. Tawa
2. Bagra
3. Piparia
4. Denwa

Habitat Covered

1. Highland Forest
2. Lowland Forest
3. Perennial Streams
4. River Banks
5. Grasslands
6. Meadows
7. Relocated Villages
8. Dense Forest

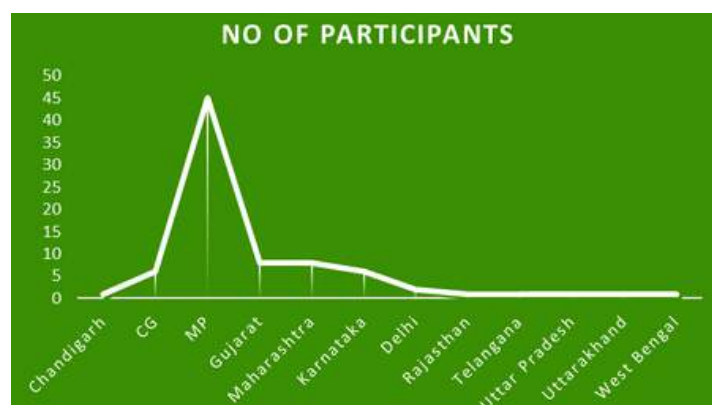


Area Covered During The Survey

STATES

SATPURA BIRD SURVEY - 2022

S. No	Total States
1	Chandigarh
2	Chattisgarh
3	Delhi
4	Gujarat
5	Karnataka
6	Maharashtra
7	Madhya Pradesh
8	Rajasthan
9	Telangana
10	Uttar Pradesh
11	Uttarakhand
12	West Bengal



BIRDERS

SATPURA BIRD SURVEY - 2022

S. No	Name	State	S. No	Name	State
1	Dr Dhaval Shukal	Gujarat	17	Narasimman Jayaraman	Karnataka
2	Deepa Mohan	Karnataka	18	Naveen Arur	Karnataka
3	P.S.Joshi	Maharashtra	19	Reshma Rai	Karnataka
4	Dr Vijay Yadav	MP	20	Kaustubh Rau	Karnataka
5	Samish Dhongle	Maharashtra	21	Harsh Vishwakarma	MP
6	Ashutosh Anand	Chhattisgarh	22	Gaurav Nigam	MP
7	Sanjay Kumar Pashine	MP	23	Sachin Matkar	MP
8	Abhishek Paliwal	MP	24	Dr Vipul Keerti Sharma	MP
9	Ravindra Phalak	Maharashtra	25	Dr Shivoham Shukla	MP
10	Geeta Yadav	Delhi	26	Anshuman Sharma	MP
11	Sunil Patel	MP	27	Neel Gadikar	MP
12	Damyra Srivastava	Uttarakhand	28	Dr. Aamir Nasirabadi	MP
13	Raghwendra Kumar Rajesh	Delhi	29	Naman Chaturvedi	MP
14	Vivek Kumar Patel	Chhattisgarh	30	Sameer Agrawal	MP
15	Ravi Sharma	MP	31	Shrikant Kalamkar	MP
16	Gaurav Shonik	Chandigarh	32	Sankalp Kishnani	MP

BIRDERS

SATPURA BIRD SURVEY - 2022

S. No	Name	State	S. No	Name	State
33	Laxmi Vaghasiya	MP	49	Manisha Sitoke	MP
34	Vipul Lunia	MP	50	Adil Khan	MP
35	Dr.Rahul Bhagwat	Gujarat	51	Prashant Soni	MP
36	Milind Joshi	Maharashtra	52	P Kanak kumar	Gujarat
37	Tejas Parshionikar	Maharashtra	53	Dharmendra Jat	MP
38	Pragati Katiyar	Uttar Pradesh	54	Ravindra Kumar Kanav	Rajasthan
39	H S Ranganath Nadig	Karnataka	55	Lakshmikant Neve	Maharashtra
40	Bharatkumar Patel	Gujarat	56	Ashish Bareth	Chhattisgarh
41	Arvindkumar Naicker	Gujarat	57	Anurag Chhajlani	MP
42	Shailesh Parashar	Gujarat	58	Domendra Nishad	Chhattisgarh
43	Siddharth Vineet	Chhattisgarh	59	Sanjay Singh	MP
44	Ritesh Joshi	Maharashtra	60	Grishma Trivedi	MP
45	Aishwarya Laghate	MP	61	Puspak Roy	West Bengal
46	Kratika Patidar	MP	62	Milind Sawdekar	Maharashtra
47	Sunil Kumar Bajpai	MP	63	Ninad Jadhav	MP
48	Kartika Sitoke	MP	64	Chandrasen Kori	Chhattisgarh

BIRDERS

SATPURA BIRD SURVEY - 2022

S. No	Name	State
65	Dr Trupti K. Vyas	Gujarat
66	Ajay Gadikar	MP
67	Akshay Yati	MP
68	Swapnil Phanse	MP
69	Ritesh Khabia	MP
70	Deepak Gujar	Maharashtra
71	Dinesh D Dhanani	Gujarat
72	Ankit Agarwal	Telangana
73	Kamlesh Nachan	MP
74	Gopal Gangurda	MP
75	Mukesh Dudwe	MP
76	Satish Chaurasiya	MP
77	DP Srivastava	MP
78	Nikita - Forsyth Lodge	MP

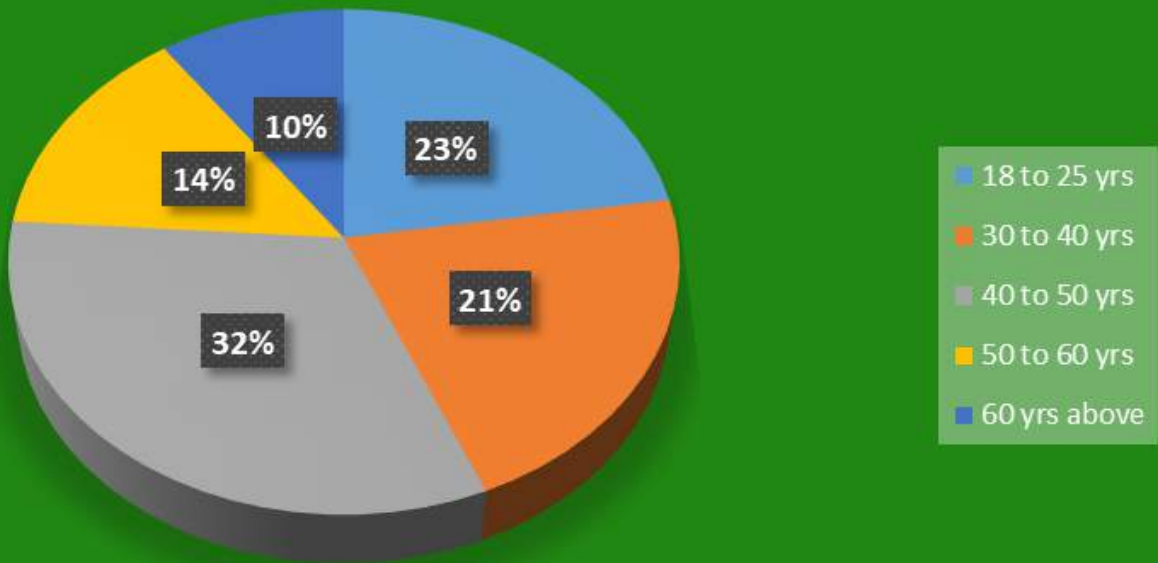
S. No	Special Guests
1	Suhas Kumar
2	Anil Nagar
3	Smt Asha Nagar
4	Raman K Shrivastava
5	Dr Somesh Siteke
6	Sarika Gadikar

BIRDERS- AGE & GENDER RATIO

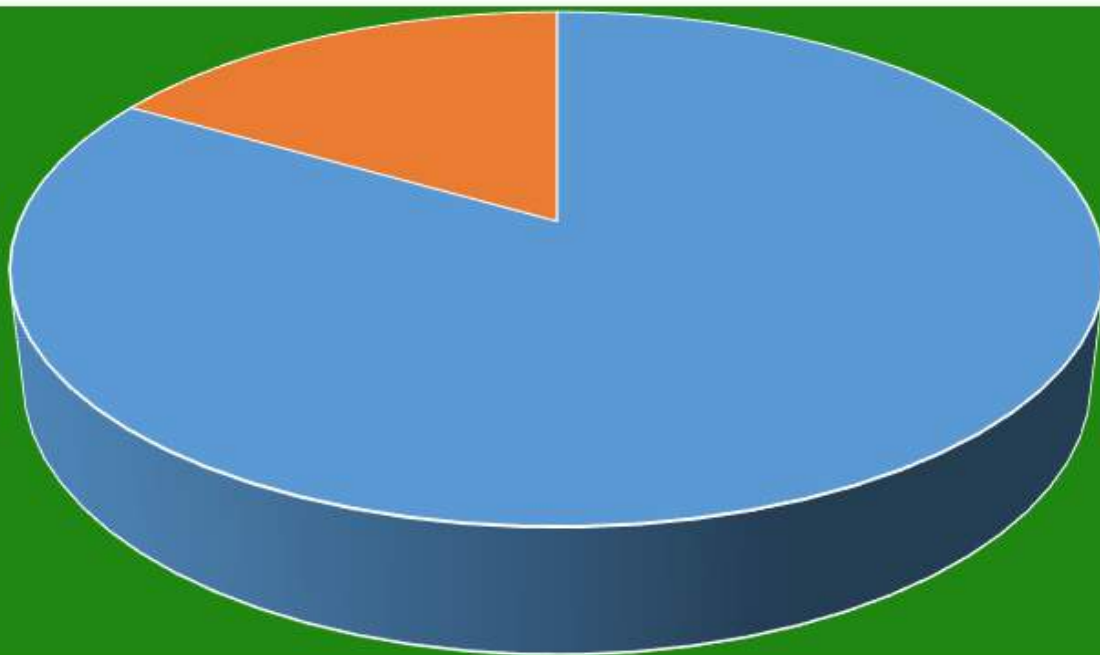
SATPURA BIRD SURVEY - 2022

Average age of all the participants was 41 years out of which 83% were Male & 17 % were Female.

Average Age



Gender



■ Male - 83% ■ Female - 17%

THE TEAM

SATPURA BIRD SURVEY - 2022



LIST OF BIRDS DOCUMENTED

SATPURA BIRD SURVEY - 2022

	YES
	NO

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN
			0	0	0	0	0			
			2	2	2	1	1			
			2	1	0	9	8			
1	Alexandrine Parakeet	<i>Psittacula eupatria</i>						RB	ArB	NT
2	Alpine Swift	<i>Tachymarptis melba</i>						RB	AFB	LC
3	Ashy Drongo	<i>Dicrurus leucophaeus</i>						WM	ArB	LC
4	Ashy Prinia	<i>Prinia socialis</i>						RB	ArB	LC
5	Ashy Woodswallow	<i>Artamus fuscus</i>						RB	AFB	LC
6	Ashy-crowned Sparrow-Lark	<i>Eremopterix griseus</i>						RB	GFB	LC
7	Asian Brown Flycatcher	<i>Muscicapa dauurica</i>						SM	ArB	LC
8	Asian Emerald Dove	<i>Chalcophaps indica</i>						RB	ArB	LC
9	Asian Koel	<i>Eudynamys scolopaceus</i>						RB	ArB	LC
10	Asian Openbill	<i>Anastomus oscitans</i>						LM	WeB	LC
11	Asian Palm Swift	<i>Cypsiurus balasiensis</i>						RB	AFB	LC
12	Asian Pied Starling	<i>Gracupica contra</i>						RB	GFB	LC
13	Banded Bay Cuckoo	<i>Cacomantis sonneratii</i>						RB/BR	ArB	LC
14	Bank Swallow (Sand Martin)	<i>Riparia riparia</i>						RB	AFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
15	Bar-headed Goose	<i>Anser indicus</i>						WM	WeB	LC
16	Barn Owl	<i>Tyto alba</i>						RB	Rap	LC
17	Barn Swallow	<i>Hirundo rustica</i>						WM	AFB	LC
18	Barred Buttonquail	<i>Turnix suscitator</i>						RB	GFB	LC
19	Bar-winged Flycatcher-shrike	<i>Hemipus picatus</i>						RB	ArB	LC
20	Baya Weaver	<i>Ploceus philippinus</i>						RB	ArB	LC
21	Bay-backed Shrike	<i>Lanius vittatus</i>						RB	GFB	LC
22	Besra	<i>Accipiter virgatus</i>						RB	Rap	LC
23	Black Bittern	<i>Ixobrychus flavicollis</i>						RB	Web	LC
24	Black Drongo	<i>Dicrurus macrocercus</i>						RB	ArB	LC
25	Black Eagle	<i>Ictinaetus malaiensis</i>						RB	Rap	LC
26	Black headed Bunting	<i>Emberiza melanocephala</i>						WM	GFB	LC
27	Black Kite	<i>Milvus migrans</i>						RB	Rap	LC
28	Black Redstart	<i>Phoenicurus ochruros</i>						WM	GFB	LC
29	Black Stork	<i>Ciconia nigra</i>						WM	WeB	LC
30	Black-bellied Tern	<i>Sterna acuticauda</i>						RB	WeB	NT

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN	
			0	0	0	0	0				
			2	1	2	1	9	8			
31	Black-capped Kingfisher	<i>Halcyon pileata</i>							RB	Web	LC
32	Black-crested Bulbul	<i>Rubigula flaviventris</i>							RB	ArB	LC
33	Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>							RB	WeB	LC
34	Black-headed Cuckooshrike	<i>Lalage melanoptera</i>							SM	ArB	LC
35	Black-headed Gull	<i>Chroicocephalus ridibundus</i>							WM	WeB	LC
36	Black-headed Ibis	<i>Threskiornis melanocephalus</i>							RB	WeB	NT
37	Black-hooded Oriole	<i>Oriolus xanthornus</i>							RB	ArB	LC
38	Black-naped Monarch	<i>Hypothymis azurea</i>							RB	ArB	LC
39	Black-rumped Flameback	<i>Dinopium benghalense</i>							RB	ArB	LC
40	Black-tailed Godwit	<i>Limosa limosa</i>							WM	WeB	NT
41	Black-winged Cuckooshrike	<i>Lalage melaschistos</i>							WM	ArB	LC
42	Black-winged Kite	<i>Elanus caeruleus</i>							RB	Rap	LC
43	Black-winged Stilt	<i>Himantopus himantopus</i>							WM	WeB	LC
44	Blue Rock-Thrush	<i>Monticola solitarius</i>							WM	GFB	LC
45	Blue-bearded Bee-eater	<i>Nyctyornis athertoni</i>							RB	ArB	LC

Sr. No	Species Name	Scientific Name	2022	2021	2022	2021	2019	2018	Migration Status	Category	IUCN
46	Blue-capped Rock-Thrush	<i>Monticola cinclorhynchus</i>							WM	GFB	LC
47	Blue-cheeked Bee-eater	<i>Merops persicus</i>							SM	ArB	LC
48	Bluethroat	<i>Luscinia svecica</i>							WM	GFB	LC
49	Blyth's Pipit	<i>Anthus godlewskii</i>							WM	GFB	LC
50	Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>							WM	ArB	LC
51	Bonelli's Eagle	<i>Aquila fasciata</i>							RB	Rap	LC
52	Booted Eagle	<i>Hieraetus pennatus</i>							WM	Rap	LC
53	Booted Warbler	<i>Iduna caligata</i>							WM	ArB	LC
54	Brahminy Starling	<i>Sturnia pagodarum</i>							RB	GFB	LC
55	Bronze-winged Jacana	<i>Metopidius indicus</i>							RB	WeB	LC
56	Brown Hawk-Owl	<i>Ninox scutulata</i>							RB	Rap	LC
57	Brown Crake	<i>Zapornia akool</i>							RB	weB	LC
58	Brown Fish-Owl	<i>Ketupa zeylonensis</i>							RB	Rap	LC
59	Brown Rock Chat	<i>Oenanthe fusca</i>							RB	GFB	LC
60	Brown Shrike	<i>Lanius cristatus</i>							WM	GFB	LC

Sr. No	Species Name	Scientific Name	2022	2021	2022	2021	2019	2018	Migration Status	Category	IUCN
61	Brown Wood-Owl	<i>Strix leptogrammica</i>							RB	Rap	LC
62	Brown-capped Pygmy Woodpecker	<i>Yungipicus nanus</i>							RB	ArB	LC
63	Brown-cheeked Fulvetta	<i>Alcippe poiocephala</i>							RB	ArB	LC
64	Brown-headed Barbet	<i>Psilopogon zeylanicus</i>							RB	ArB	LC
65	Brown-headed Gull	<i>Chroicocephalus brunnicephalus</i>							WM	WeB	LC
66	Cattle Egret	<i>Bubulcus ibis</i>							RB	GFB	LC
67	Changeable Hawk-Eagle	<i>Nisaetus cirrhatus</i>							RB	Rap	LC
68	Chestnut-tailed Starling	<i>Sturnia malabarica</i>							LM	GFB	LC
69	Cinereous Tit	<i>Parus cinereus</i>							RB	ArB	LC
70	Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>							RB	WeB	LC
71	Citrine Wagtail	<i>Motacilla citreola</i>							WM	GFB	LC
72	Clamorous Reed Warbler	<i>Acrocephalus stentoreus</i>							WM	ArB	LC
73	Common Babbler	<i>Argya caudata</i>							RB	GFB	LC
74	Common Chiffchaff	<i>Phylloscopus collybita</i>							WM	ArB	LC
75	Common Greenshank	<i>Tringa nebularia</i>							WM	WeB	LC

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN	
			0	0	0	0	0				
			2	1	2	1	9	8			
76	Common Hawk-Cuckoo	<i>Hierococcyx varius</i>							RB	ArB	LC
77	Common House-Martin	<i>Delichon urbicum</i>							RM	AFB	LC
78	Common Iora	<i>Aegithina tiphia</i>							RB	ArB	LC
79	Common Kingfisher	<i>Alcedo atthis</i>							RB	WeB	LC
80	Common Myna	<i>Acridotheres tristis</i>							RB	GFB	LC
81	Common Pochard	<i>Aythya ferina</i>							WM	WeB	LC
82	Common Quail	<i>Coturnix coturnix</i>							MM	GFB	LC
83	Common Redshank	<i>Tringa totanus</i>							WM	WeB	LC
84	Common Rosefinch	<i>Carpodacus erythrinus</i>							WM	ArB	LC
85	Common Sandpiper	<i>Actitis hypoleucos</i>							WM	WeB	LC
86	Common Snipe	<i>Gallinago gallinago</i>							WM	WeB	LC
87	Common Swift	<i>Apus apus</i>							WM	AFB	LC
88	Common Tailorbird	<i>Orthotomus sutorius</i>							RB	ArB	LC
89	Common Woodshrike	<i>Tephrodornis pondicerianus</i>							RB	ArB	LC
90	Common/Stejneger's Stonechat	<i>Saxicola stejnegeri</i>							RB	GFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2022	2021	2019	2018	Migration Status	Category	IUCN
91	Coppersmith Barbet	<i>Psilopogon haemacephalus</i>							RB	ArB	LC
92	Cotton Pygmy-Goose	<i>Nettapus coromandelianus</i>							RB	WeB	LC
93	Crested Bunting	<i>Emberiza lathami</i>							RB	GFB	LC
94	Crested Hawk-Eagle	<i>Nisaetus cirrhatus</i>							RB	Rap	LC
95	Crested Lark	<i>Galerida cristata</i>							RB	GFB	LC
96	Crested Serpent-Eagle	<i>Spilornis cheela</i>							RB	Rap	LC
97	Crested Treeswift	<i>Hemiprocne coronata</i>							RB	AFB	LC
98	Dusky Crag-Martin	<i>Ptyonoprogne concolor</i>							RB	AFB	LC
99	Dusky Eagle-Owl	<i>Bubo coromandus</i>							RB	ArB	LC
100	Dusky Warbler	<i>Phylloscopus fuscatus</i>							WM	ArB	LC
101	Egyptian Vulture	<i>Neophron percnopterus</i>							WM	Rap	EN
102	Eurasian Collared-Dove	<i>Streptopelia decaocto</i>							RB	ArB	LC
103	Eurasian Coot	<i>Fulica atra</i>							RB	WeB	LC
104	Eurasian Crag-Martin	<i>Ptyonoprogne rupestris</i>							WM	AFB	LC
105	Eurasian Curlew	<i>Numenius arquata</i>							WM	WeB	NT

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
106	Eurasian Griffon	<i>Gyps fulvus</i>						WM	Rap	LC
107	Eurasian Hobby	<i>Falco subbuteo</i>						WM	Rap	LC
108	Eurasian Hoopoe	<i>Upupa epops</i>						RB	GFB	LC
109	Eurasian Kestrel	<i>Falco tinnunculus</i>						WM	Rap	LC
110	Eurasian Marsh-Harrier	<i>Circus aeruginosus</i>						WM	Rap	LC
111	Eurasian Moorhen	<i>Gallinula chloropus</i>						RB	WeB	LC
112	Eurasian Sparrowhawk	<i>Accipiter nisus</i>						WM	Rap	LC
113	Eurasian Spoonbill	<i>Platalea leucorodia</i>						LM	WeB	LC
114	Eurasian Wigeon	<i>Mareca penelope</i>						WM	WeB	LC
115	Eurasian Wryneck	<i>Jynx torquilla</i>						WM	ArB	LC
116	Fork-tailed Drongo-Cuckoo	<i>Surniculus dicruroides</i>						RB	ArB	LC
117	Gadwall	<i>Mareca strepera</i>						WM	WeB	LC
118	Garganey	<i>Spatula querquedula</i>						WM	WeB	LC
119	Glossy Ibis	<i>Plegadis falcinellus</i>						WM	WeB	LC

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN
			0	0	0	0	0			
			2	1	2	1	0			
			2	1	0	9	8			
120	Golden-fronted Leafbird	<i>Chloropsis aurifrons</i>						RB	ArB	LC
121	Gray Francolin	<i>Phalacrocorax carbo</i>						RB	GFB	LC
122	Gray Heron	<i>Ardea alba</i>						LM	WeB	LC
123	Gray Junglefowl	<i>Lanius excubitor</i>						RB	GFB	LC
124	Gray Wagtail	<i>Motacilla cinerea</i>						WM	GFB	LC
125	Gray-breasted Prinia	<i>Prinia hodgsonii</i>						RB	ArB	LC
126	Gray-headed Canary-Flycatcher	<i>Parus cinereus</i>						WM	ArB	LC
127	Gray-headed Fish-Eagle	<i>Haliaeetus ichthyaetus</i>						RB	Rap	LC
128	Gray-necked Bunting	<i>Emberiza buchanani</i>						WM	GFB	LC
129	Great Cormorant	<i>Phalacrocorax carbo</i>						MM	WeB	LC
130	Great Egret	<i>Tringa ochropus</i>						RB	WeB	LC
131	Great Gray Shrike	<i>Phylloscopus nitidus</i>						RB	GFB	LC
132	Great Thick-knee	<i>Esacus recurvirostris</i>						RB	GFB	NT
133	Greater Coucal	<i>Centropus sinensis</i>						RB	GFB	LC
134	Greater Painted-Snipe	<i>Ortygornis pondicerianus</i>						RB	WeB	LC

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN
			0	0	0	0	0			
			2	1	2	1	9			
			2	1	0	9	8			
135	Greater Racket-tailed Drongo	<i>Dicrurus paradiseus</i>						RB	ArB	LC
136	Greater Short-toed Lark	<i>Calandrella brachydactyla</i>						WM	GFB	LC
137	Greater Spotted Eagle	<i>Clanga clanga</i>						WM	Rap	VU
138	Green Bee-eater	<i>Merops orientalis</i>						RB	ArB	LC
139	Green Imperial Pigeon	<i>Ducula aenea</i>						RB	ArB	NT
140	Green Sandpiper	<i>Prinia hodgsonii</i>						WM	WeB	LC
141	Green Warbler	<i>Phylloscopus nitidus</i>						WM	ArB	LC
142	Greenish Warbler	<i>Haliaeetus ichthyaetus</i>						WM	ArB	LC
143	Green-winged Teal	<i>Emberiza buchanani</i>						WM	WeB	LC
144	Grey Bushchat	<i>Saxicola ferreus</i>						WM	GFC	LC
145	Grey throated Martin (Plain Martin)	<i>Riparia chinensis</i>						RB	AFB	LC
146	Grey Wagtail	<i>Motacilla cinerea</i>						WM	GFB	LC
147	Greylag Goose	<i>Anser anser</i>						WM	WeB	LC
148	Hair-crested Drongo	<i>Dicrurus hottentottus</i>						RB	ArB	LC
149	Himalayan Griffon (Himalayan Vulture)	<i>Gyps himalayensis</i>						WM	Rap	NT

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN
			0	0	0	0	0			
			2	2	2	1	1			
			2	1	0	9	8			
150	House Crow	<i>Corvus splendens</i>						RB	GFB	LC
151	House Sparrow	<i>Passer domesticus</i>						RB	GFB	LC
152	Hume's Warbler	<i>Phylloscopus humei</i>						WM	ArB	LC
153	Indian Blackbird	<i>Turdus simillimus</i>						SM	GFB	LC
154	Indian Bushlark	<i>Mirafra erythroptera</i>						RB	GFB	LC
155	Indian Cormorant	<i>Phalacrocorax fuscicollis</i>						RB	WeB	LC
156	Indian Cuckoo	<i>Cuculus micropterus</i>						SM	ArB	LC
157	Indian Golden Oriole	<i>Oriolus kundoo</i>						RB	ArB	LC
158	Indian Gray Hornbill	<i>Ocyrceros birostris</i>						RB	ArB	LC
159	Indian Nightjar	<i>Caprimulgus asiaticus</i>						RB	AFB	LC
160	Indian Nuthatch	<i>Sitta castanea</i>						RB	ArB	LC
161	Indian Paradise-Flycatcher	<i>Terpsiphone paradisi</i>						RB	ArB	LC
162	Indian Peafowl	<i>Pavo cristatus</i>						RB	GFB	LC
163	Indian Pond-Heron	<i>Ardeola grayii</i>						RB	WeB	LC
164	Indian Robin	<i>Copsychus fulicatus</i>						RB	GFB	LC
165	Indian Roller	<i>Coracias benghalensis</i>						RB	GFB	LC
166	Indian Scimitar-Babbler	<i>Pomatorhinus horsfieldii</i>						RB	ArB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2022	2019	2018	Migration Status	Category	IUCN
167	Indian Scops-Owl	<i>Otus bakkamoena</i>						RB	Rap	LC
168	Indian Silverbill	<i>Euodice malabarica</i>						RB	GFB	LC
169	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>						RB	WeB	LC
170	Indian Skimmer	<i>Rynchops albicollis</i>						LM	WeB	EN
171	Indian Spotted Creeper	<i>Salpornis spilonota</i>						RB	ArB	LC
172	Indian Thick-knee	<i>Burhinus indicus</i>						RB	GFB	LC
173	Indian Vulture	<i>Gyps indicus</i>						RB	Rap	CR
174	Indian White-eye	<i>Zosterops palpebrosus</i>						RB	ArB	LC
175	Indian Yellow Tit	<i>Machlolophus aplonotus</i>						RB	ArB	LC
176	Intermediate Egret	<i>Ardea intermedia</i>						LM	WeB	LC
177	Isabelline Shrike	<i>Lanius isabellinus</i>						WM	ArB	LC
178	Jerdon's Leafbird	<i>Chloropsis jerdoni</i>						RB	ArB	LC
179	Jungle Babbler	<i>Argya striata</i>						RB	GFB	LC
180	Jungle Bush-Quail	<i>Perdicula asiatica</i>						RB	GFB	LC
181	Jungle Myna	<i>Acridotheres fuscus</i>						LM	GFB	LC
182	Jungle Nightjar	<i>Caprimulgus indicus</i>						RB	AFB	LC

Sr. No.	Species Name	Scientific Name	2	2	2	2	2	Migration Status	Category	IUCN	
			0	0	0	0	0				
			2	1	2	1	9	8			
183	Jungle Owlet	<i>Glaucidium radiatum</i>							RB	Rap	LC
184	Jungle Prinia	<i>Prinia sylvatica</i>							RB	ArB	LC
185	Kentish Plover	<i>Charadrius alexandrinus</i>							WM	WeB	LC
186	Knob-billed Duck	<i>Sarkidiornis melanotos</i>							RB	WeB	LC
187	Large tailed Nightjar	<i>Caprimulgus macrurus</i>							RB	AFB	LC
188	Large Cuckooshrike	<i>Coracina macei</i>							RB	ArB	LC
189	Large Gray Babbler	<i>Argya malcolmi</i>							RB	GFB	LC
190	Large-billed Crow	<i>Corvus macrorhynchos</i>							RB	GFB	LC
191	Laughing Dove	<i>Streptopelia senegalensis</i>							RB	ArB	LC
192	Lesser Adjutant	<i>Leptoptilos javanicus</i>							WM	WeB	VU
193	Lesser Fish-Eagle	<i>Haliaeetus humilis</i>							PM	Rap	NT
194	Lesser Whistling-Duck	<i>Dendrocygna javanica</i>							RB	WeB	LC
195	Lesser Whitethroat	<i>Curruca curruca</i>							WM	ArB	LC
196	Lesser Yellownape	<i>Picus chlorolophus</i>							RB	ArB	LC
197	Little Cormorant	<i>Microcarbo niger</i>							RB	WeB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
198	Little Egret	<i>Egretta garzetta</i>						RB	WeB	LC
199	Little Grebe	<i>Tachybaptus ruficollis</i>						RB	WeB	LC
200	Little Ringed Plover	<i>Charadrius dubius</i>						RB	WeB	LC
201	Little Stint	<i>Calidris minuta</i>						WM	WeB	LC
202	Little Swift	<i>Apus affinis</i>						RB	AFB	LC
203	Little Tern	<i>Sternula albifrons</i>						SM	WeB	LC
204	Long billed Plover	<i>Charadrius placidus</i>						WM	WeB	LC
205	Long-billed Pipit	<i>Anthus similis</i>						WM	GFB	LC
206	Long-legged Buzzard	<i>Buteo rufinus</i>						WM	Rap	LC
207	Long-tailed Minivet	<i>Pericrocotus ethologus</i>						WM	ArB	LC
208	Long-tailed Shrike	<i>Lanius schach</i>						RB	GFB	LC
209	Malabar Pied-Hornbill	<i>Anthracoceros coronatus</i>						RB	ArB	LC
210	Malabar Whistling-Thrush	<i>Myophonus horsfieldii</i>						RB	GFB	LC
211	Marsh Sandpiper	<i>Tringa stagnatilis</i>						WM	WeB	LC
212	Montagu's Harrier	<i>Circus pygargus</i>						WM	Rap	LC
213	Mottled Wood-Owl	<i>Strix ocellata</i>						RB	Rap	LC

Sr. No.	Species Name	Scientific Name	Population					Migration Status	Category	IUCN
			2022	2021	2020	2019	2018			
214	Northern Pintail	<i>Anas acuta</i>						WM	WeB	LC
215	Northern Shoveler	<i>Spatula clypeata</i>						WM	WeB	LC
216	Olive-backed Pipit	<i>Anthus hodgsoni</i>						WM	GFB	LC
217	Orange-breasted Green-Pigeon	<i>Treron bicinctus</i>						RB	ArB	LC
218	Orange-headed Thrush	<i>Geokichla citrina</i>						RB	GFB	LC
219	Oriental Darter	<i>Anhinga melanogaster</i>						LM	WeB	NT
220	Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>						RB	Rap	LC
221	Oriental Magpie-Robin	<i>Copsychus saularis</i>						RB	GFB	LC
222	Oriental Scops-Owl	<i>Otus sunia</i>						WM	Rap	LC
223	Oriental Skylark	<i>Alauda gulgula</i>						RB	GFB	LC
224	Oriental Turtle-Dove	<i>Streptopelia orientalis</i>						WM	ArB	LC
225	Osprey	<i>Pandion haliaetus</i>						WM	Rap	LC
226	Paddyfield Pipit	<i>Anthus rufulus</i>						RB	GFB	LC
227	Paddyfield Warbler	<i>Acrocephalus agricola</i>						WM	ArB	LC
228	Painted Francolin	<i>Francolinus pictus</i>						RB	GFB	LC
229	Painted Sandgrouse	<i>Pterocles indicus</i>						RB	GFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
230	Painted Spurfowl	<i>Galloperdix lunulata</i>						RB	GFB	LC
231	Painted Stork	<i>Mycteria leucocephala</i>						LM	WeB	NT
232	Pale-billed Flowerpecker	<i>Dicaeum erythrorhynchos</i>						RB	ArB	LC
233	Pallas's Gull	<i>Ichthyaetus ichthyaetus</i>						WM	WeB	LC
234	Pallid Harrier	<i>Circus macrourus</i>						WM	Rap	NT
235	Peregrine Falcon	<i>Falco peregrinus</i>						WM	Rap	LC
236	Pheasant tailed Jacana	<i>Hydrophasianus chirurgus</i>						RB	WeB	LC
237	Pied Bushchat	<i>Saxicola caprata</i>						RB	GFB	LC
238	Pied Kingfisher	<i>Ceryle rudis</i>						RB	WeB	LC
239	Plain Prinia	<i>Prinia inornata</i>						RB	ArB	LC
240	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>						RB	ArB	LC
241	Puff-throated Babbler	<i>Pellorneum ruficeps</i>						RB	ArB	LC
242	Purple Heron	<i>Ardea purpurea</i>						RB	WeB	LC
243	Purple Sunbird	<i>Cinnyris asiaticus</i>						RB	ArB	LC
244	Greater Coucal (Southern)	<i>Centropus sinensis parroti</i>						RB	GFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
245	Purple-rumped Sunbird	<i>Leptocoma zeylonica</i>						RB	ArB	LC
246	Rain Quail	<i>Coturnix coromandelica</i>						MM	GFB	LC
247	Red Avadavat	<i>Amandava amandava</i>						RB	GFB	LC
248	Red Collared-Dove	<i>Streptopelia tranquebarica</i>						RB	ArB	LC
249	Red Junglefowl	<i>Gallus gallus</i>						RB	GFB	LC
250	Red Spurfowl	<i>Galloperdix spadicea</i>						RB	GFB	LC
251	Red-breasted Flycatcher	<i>Ficedula parva</i>						WM	ArB	LC
252	Red-crested Pochard	<i>Netta rufina</i>						WM	WeB	LC
253	Red-headed Bunting	<i>Emberiza bruniceps</i>						WM	GFB	LC
254	Red-naped Ibis	<i>Pseudibis papillosa</i>						RB	WeB	LC
255	Red-rumped Swallow	<i>Cecropis daurica</i>						RB	AFB	LC
256	Red-vented Bulbul	<i>Pycnonotus cafer</i>						RB	ArB	LC
257	Red-wattled Lapwing	<i>Vanellus indicus</i>						RB	GFB	LC
258	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>						RB	ArB	LC
259	Richard's Pipit	<i>Anthus richardi</i>						WM	GFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
260	River Lapwing	<i>Vanellus duvaucelii</i>						RB	GFB	NT
261	River Tern	<i>Sterna aurantia</i>						RB	WeB	VU
262	Rock Bush-Quail	<i>Perdica argoondah</i>						RB	GFB	LC
263	Rock Eagle-Owl	<i>Bubo bengalensis</i>						RB	Rap	LC
264	Rock Pigeon	<i>Columba livia</i>						RB	ArB	LC
265	Rose-ringed Parakeet	<i>Psittacula krameri</i>						RB	ArB	LC
266	Rosy Minivet	<i>Pericrocotus roseus</i>						WM	ArB	LC
267	Rosy Starling	<i>Pastor roseus</i>						WM	GFB	LC
268	Ruddy Shelduck	<i>Tadorna ferruginea</i>						WM	WeB	LC
269	Ruff	<i>Calidris pugnax</i>						WM	WeB	LC
270	Rufous bellied Eagle	<i>Lophotriorchis kienerii</i>						PM	Rap	NT
271	Rufous Treepie	<i>Dendrocitta vagabunda</i>						RB	GFB	LC
272	Rufous Woodpecker	<i>Micropternus brachyurus</i>						RB	ArB	LC
273	Rufous-fronted Prinia	<i>Prinia buchanani</i>						RB	ArB	LC
274	Rufous-tailed Lark	<i>Ammomanes phoenicura</i>						RB	GFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
275	Sarus Crane	<i>Antigone antigone</i>						RB	WeB	VU
276	Savanna Nightjar	<i>Caprimulgus affinis</i>						RB	AFB	LC
277	Scaly-breasted Munia	<i>Lonchura punctulata</i>						RB	GFB	LC
278	Scarlet Minivet	<i>Pericrocotus speciosus</i>						RB	ArB	LC
279	Shikra	<i>Accipiter badius</i>						RB	Rap	LC
280	Short-toed Snake-Eagle	<i>Circaetus gallicus</i>						RB	Rap	LC
281	Siberian Stonechat	<i>Saxicola maurus</i>						WM	GFB	LC
282	Sirkeer Malkoha	<i>Taccocua leschenaultii</i>						RB	ArB	LC
283	Small Minivet	<i>Pericrocotus cinnamomeus</i>						RB	ArB	LC
284	Small Pratincole	<i>Glareola lactea</i>						RB	AFB	LC
285	Spot-breasted Fantail	<i>Rhipidura albogularis</i>						RB	ArB	LC
286	Spotted Dove	<i>Streptopelia chinensis</i>						RB	ArB	LC
287	Spotted Owlet	<i>Athene brama</i>						RB	Rap	LC
288	Spotted Redshank	<i>Tringa erythropus</i>						WM	WeB	LC
289	Stork-billed Kingfisher	<i>Pelargopsis capensis</i>						RB	WeB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
290	Streak-throated Swallow	<i>Petrochelidon fluvicola</i>						RB	AFB	LC
291	Streak-throated Woodpecker	<i>Picus xanthopygaeus</i>						RB	ArB	LC
292	Striated Heron	<i>Butorides striata</i>						RB	WeB	LC
293	Sulphur-bellied Warbler	<i>Phylloscopus griseolus</i>						WM	ArB	LC
294	Sykes's Short toed Lark	<i>Calandrella dukhunensis</i>						WM	GFB	LC
295	Sykes's Warbler	<i>Iduna rama</i>						WM	ArB	LC
296	Taiga Flycatcher	<i>Ficedula albicilla</i>						WM	ArB	LC
297	Tawny Lark	<i>Galerida deva</i>						RB	GFB	LC
298	Tawny Pipit	<i>Anthus campestris</i>						WM	GFB	LC
299	Tawny-bellied Babbler	<i>Dumetia hyperythra</i>						RB	ArB	LC
300	Temminck's Stint	<i>Calidris temminckii</i>						WM	WeB	LC
301	Thick-billed Flowerpecker	<i>Dicaeum agile</i>						RB	ArB	LC
302	Tickell's Blue Flycatcher	<i>Cyornis tickelliae</i>						RB	ArB	LC
303	Tickell's Leaf Warbler	<i>Phylloscopus affinis</i>						WM	ArB	LC
304	Tickell's Thrush	<i>Turdus unicolor</i>						WM	GFB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
305	Tree Pipit	<i>Anthus trivialis</i>						WM	GFB	LC
306	Tricolored Munia (Black-headed Munia)	<i>Lonchura malacca</i>						RB	GFB	LC
307	Ultramarine Flycatcher	<i>Ficedula superciliaris</i>						WM	ArB	LC
308	Variable Wheatear	<i>Oenanthe picata</i>						WM	GFB	LC
309	Verditer Flycatcher	<i>Eumyias thalassinus</i>						WM	ArB	LC
310	Western Yellow Wagtail	<i>Motacilla flava</i>						WM	GFB	LC
311	Whiskered Tern	<i>Chlidonias hybrida</i>						WM	WeB	LC
312	White rumped Munia	<i>Lonchura striata</i>						RB	GFB	LC
313	White Stork	<i>Ciconia ciconia</i>						WM	WeB	LC
314	White tailed Lapwing	<i>Vanellus leucurus</i>						WM	GFB	LC
315	White Wagtail	<i>Motacilla alba</i>						WM	GFB	LC
316	White-bellied Drongo	<i>Dicrurus caerulescens</i>						RB	ArB	LC
317	White-bellied Minivet	<i>Pericrocotus erythropygius</i>						RB	ArB	LC
318	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>						RB	WeB	LC
319	White-browed Bulbul	<i>Pycnonotus luteolus</i>						RB	ArB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
320	White-browed Fantail	<i>Rhipidura aureola</i>						RB	ArB	LC
321	White-browed Wagtail	<i>Motacilla maderaspatensis</i>						RB	GFB	LC
322	White-capped Bunting	<i>Emberiza stewarti</i>						WM	GFB	LC
323	White-eyed Buzzard	<i>Butastur teesa</i>						RB	Rap	LC
324	White-naped Woodpecker	<i>Chrysocolaptes festivus</i>						RB	ArB	LC
325	White-rumped Vulture	<i>Gyps bengalensis</i>						RB	Rap	CR
326	White-throated Fantail	<i>Rhipidura albicollis</i>						RB	ArB	LC
327	White-throated Kingfisher	<i>Halcyon smyrnensis</i>						RB	ArB	LC
328	Wire-tailed Swallow	<i>Hirundo smithii</i>						RB	AFB	LC
329	Wood Sandpiper	<i>Tringa glareola</i>						WM	WeB	LC
330	Woolly-necked Stork	<i>Ciconia episcopus</i>						RB	WeB	VU
331	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>						WM	ArB	LC
332	Yellow-crowned Woodpecker	<i>Leiopicus mahrattensis</i>						RB	ArB	LC
333	Yellow-eyed Babbler	<i>Chrysomma sinense</i>						RB	ArB	LC
334	Yellow-footed Green-Pigeon	<i>Treron phoenicopterus</i>						RB	ArB	LC

Sr. No.	Species Name	Scientific Name	2022	2021	2020	2019	2018	Migration Status	Category	IUCN
335	Yellow-throated Sparrow	<i>Gymnoris xanthocollis</i>						RB	GFB	LC
336	Yellow-wattled Lapwing	<i>Vanellus malabaricus</i>						RB	GFB	LC
337	Zitting Cisticola	<i>Cisticola juncidis</i>						RB	ArB	LC

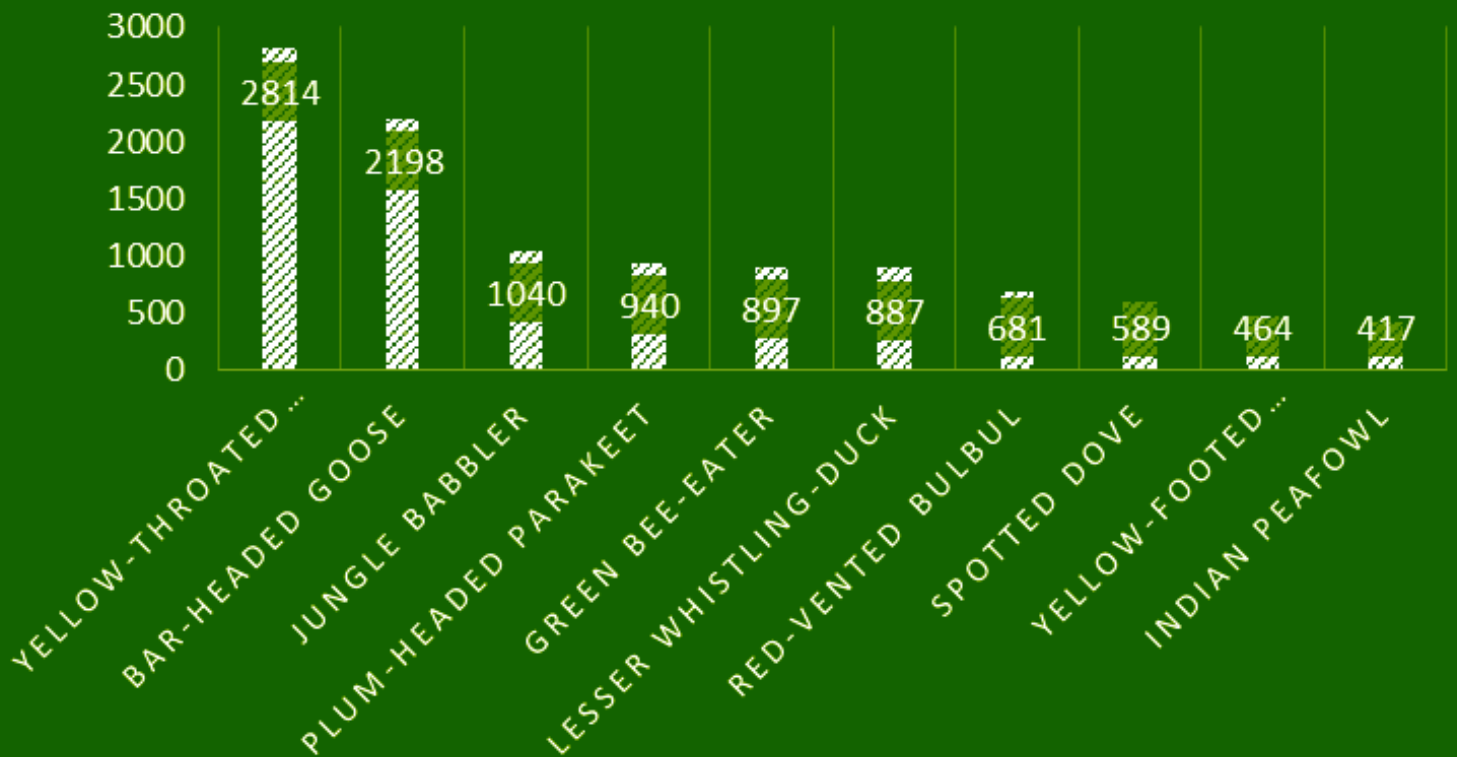
WeB	Wetland Birds
AFB	Aerial Feeding Birds
Rap	Raptors/Birds Of Prey
GFB	Ground Feeding Birds
ArB	Arboreal Birds

WB	Winter Migrant
SW	Summer Migrant
RB	Resident Breeder
LM	Local Migrant
MM	Monsoon Migrant

LC	Least Concern
NT	Near Threatened
VU	Vulnerable
CR	Critically Endangered
EN	Endangered

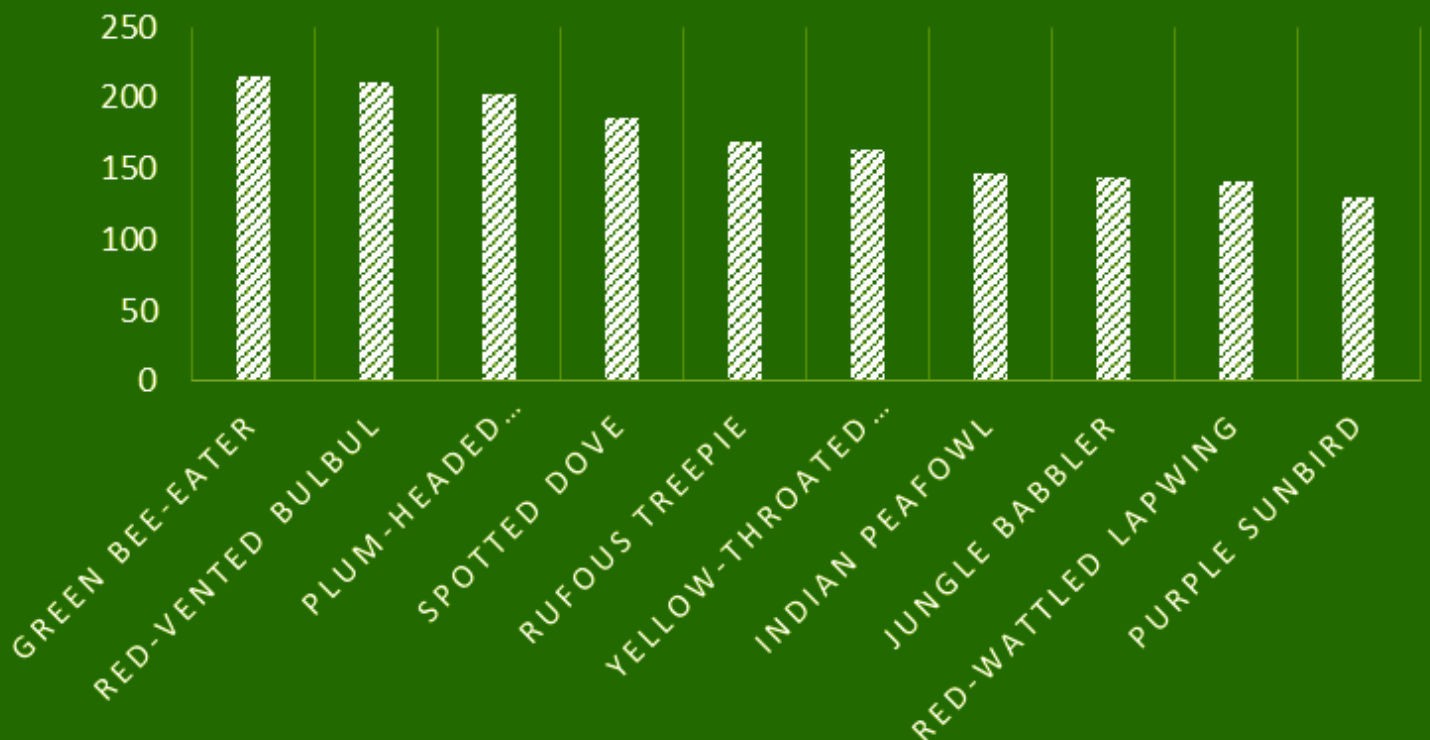
10 MOST COUNTED SPECIES IN 2022

HIGHEST INDIVIDUAL COUNT



10 MOST COMMONLY DISTRIBUTED SPECIES AS PER NO.OF CHECK LIST IN 2022

COMMONLY DISTRIBUTED SPECIES IN 2022



MOST UNCOMMON SPECIES FOUND DURING ALL THE 5 SURVEY

S No	Species	S No	Species
1	Alpine Swift	20	Eurasian Wryneck
2	Asian Emerald Dove	21	Fork-tailed Drongo-Cuckoo
3	Banded Bay Cuckoo	22	Gray-necked Bunting
4	Bank Swallow (Sand Martin)	23	Greater Coucal (Southern)
5	Baya Weaver	24	Greater Spotted Eagle
6	Besra	25	Green Imperial Pigeon
7	Black Bittern	26	Green Warbler
8	Black headed Bunting	27	Greylag Goose
9	Black-capped Kingfisher	28	Himalayan Griffon
10	Black-winged Cuckooshrike	29	Indian Skimmer
11	Blue-cheeked Bee-eater	30	Isabelline Shrike
12	Brown-headed Gull	31	Large tailed Nightjar
13	Common House Martin	32	Lesser Adjutant
14	Common Swift	33	Lesser Fish-Eagle
15	Common/Stejneger's Stonechat	34	Long billed Plover
16	Crested Hawk-Eagle	35	Long-legged Buzzard
17	Dusky Eagle-Owl	36	Montagu's Harrier
18	Eurasian Curlew	37	Paddyfield Warbler
19	Eurasian Hobby	38	Painted Francolin

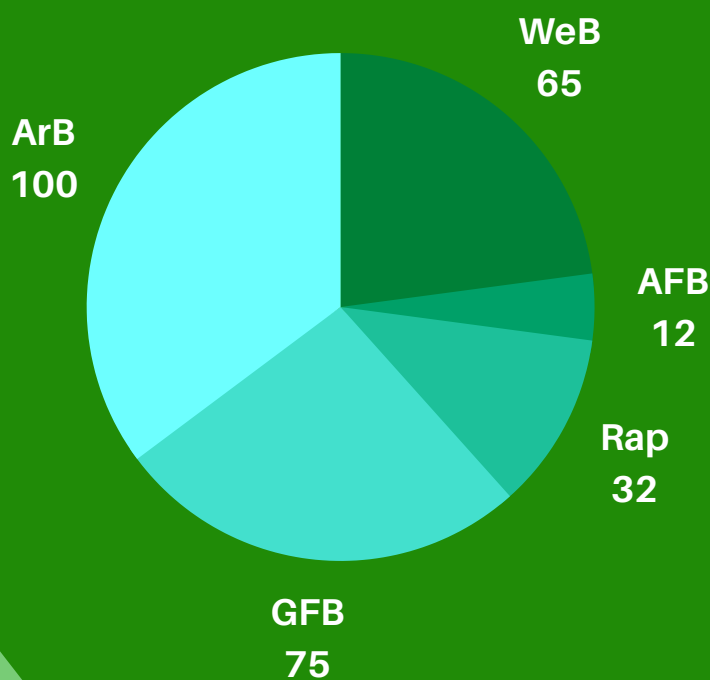
S No	Species	S No	Species
39	Pallas's Gull	59	Dusky Warbler
40	Pallid Harrier	60	Eurasian Crag-Martin
41	Ruff	61	Eurasian Wigeon
42	Rufous bellied Eagle	62	Gadwall
43	Rufous Woodpecker	63	Glossy Ibis
44	Sarus Crane	64	Grey Bushchat
45	Sykes's Short toed Lark	65	Hair-crested Drongo
46	Tricolored Munia (Black-headed Munia)	66	Indian Spotted Creeper
47	Variable Wheatear	67	Long-billed Pipit
48	White Stork	68	Pheasant tailed Jacana
49	White tailed Lapwing	69	Rain Quail
50	White-throated Fantail	70	Red Avadavat
51	Barred Buttonquail	71	Red-headed Bunting
52	Black-headed Cuckooshrike	72	Richard's Pipit
53	Black-headed Gull	73	Rock Bush-Quail
54	Blyth's Pipit	74	Rosy Minivet
55	Booted Eagle	75	Rufous-fronted Prinia
56	Brown Crake	76	Tawny Lark
57	Brown Wood-Owl	77	White-browed Bulbul
58	Crested Lark	78	White-capped Bunting

OBSERVATIONS

SATPURA BIRD SURVEY - 2022

WeB	Wetland Birds
AFB	Aerial Feeding Birds
Rap	Raptors/Birds Of Prey
GFB	Ground Feeding Birds
ArB	Arboreal Birds

Bird Survey - 2022

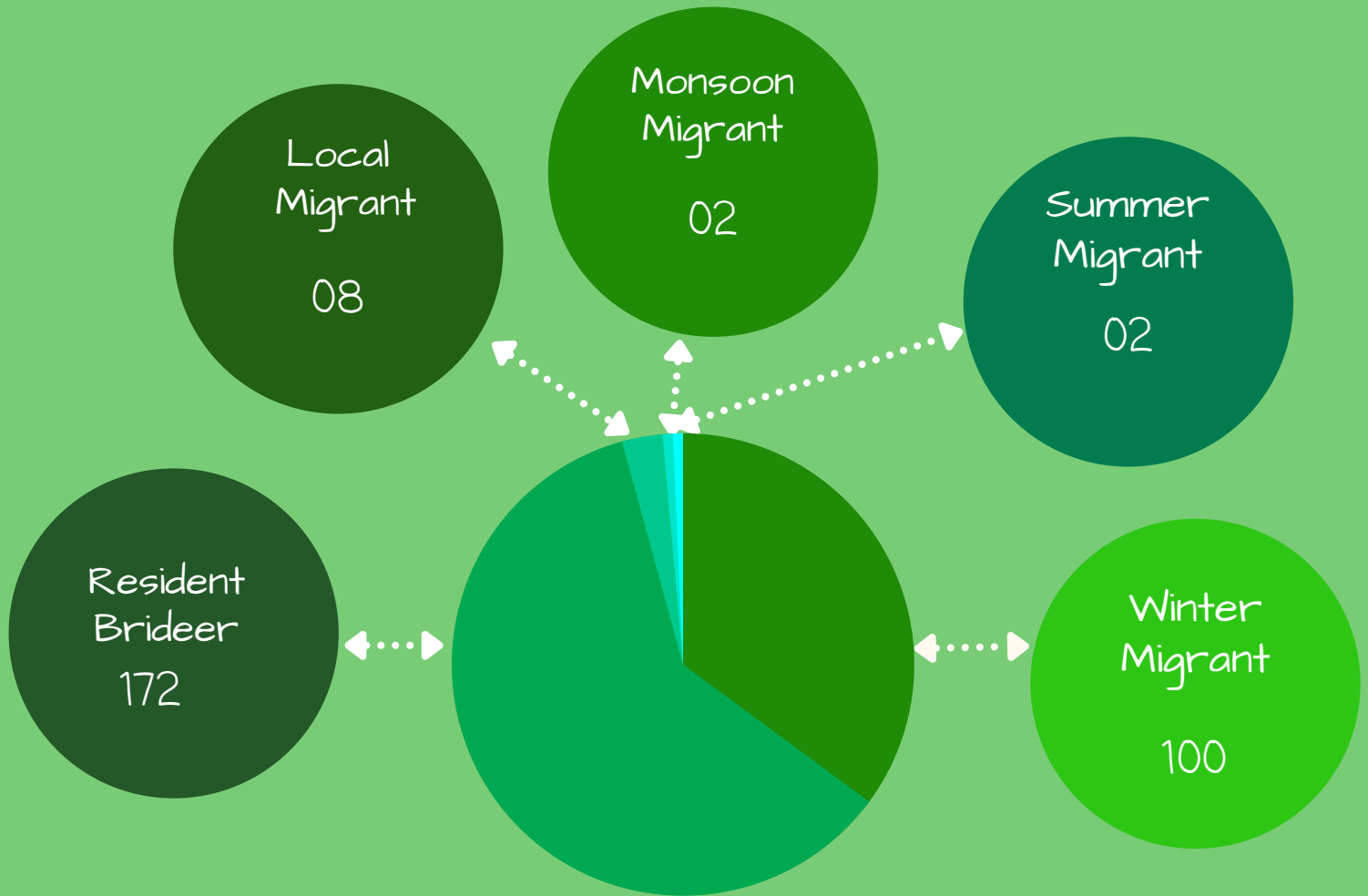


Species By Habitat

In the above graph birds are classified by their feeding habits and feeding areas, in the 5th survey we can see a very large number of Arboreal and Ground feeding birds along with Wetland birds. Taking all the three categories together which make a total of 85% of all birds while the percentage of Raptors/Birds Of Prey which is just 11%. Owing to this comparative less number of Raptors, the Arboreal, Ground feeding and Wetland birds are thriving more. Also presence of some Village/Urban dwelling birds in jungle indicates the trail marks of rehabilitated villages from jungle. This "Trail Marks" would vanish in near future with increase in Raptors and Jungle dwelling birds.

OBSERVATIONS

SATPURA BIRD SURVEY - 2022

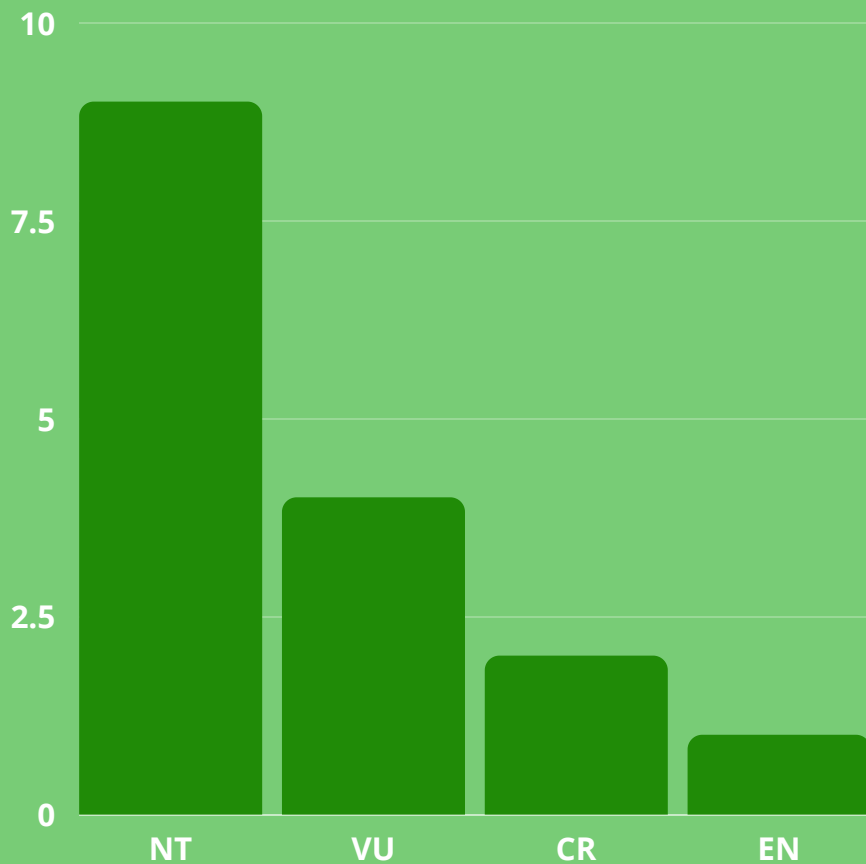


Species By Migration

Looking at the graph by migration status of birds, we can see a good numbers of migratory birds visiting Satpura Tiger Reserve. Out of 284 nos birds species observed 112 nos bird species are either Winter migratory, Summer migratory or Passage migratory, Rest are resident breeders -172 nos.

OBSERVATIONS

SATPURA BIRD SURVEY - 2022



LEAST CONCERN

268

NEARLY THREATENED

09

VULNARABLE

04

ENDANGERED

01

CRITICALLY
ENDANGERED

02

IUCN STATUS



Looking at the IUCN listed birds, we can see a good numbers of Critically Endangered, Endangered, Vulnerable and Near Threatened species some 3500+ individuals were recorded. This shows that this biosphere is good and safe habitat for IUCN Red Listed species.

OBSERVATIONS

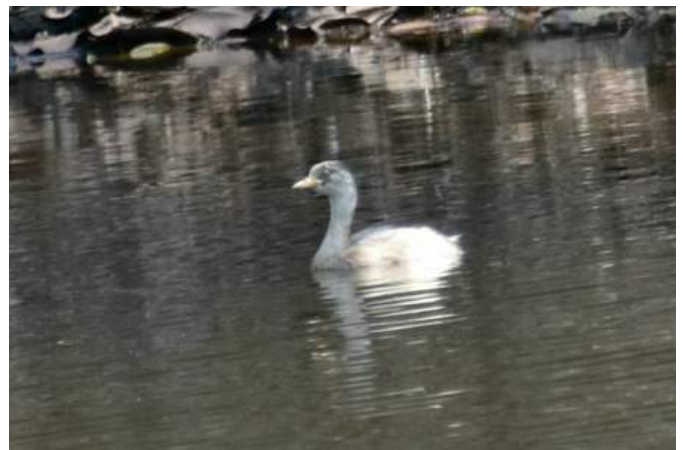
SATPURA BIRD SURVEY - 2022

Also at least 3 species of bird and 1 species of mammal were observed as 'Leucistic' around the backwaters of the dam side area of Churna.

Leucism is an abnormal plumage condition caused by a genetic mutation that prevents pigment, particularly melanin, from being properly deposited on a bird's feathers. Birds with leucism are white in colour.



Paddyfield Pipit
(Anthus rufulus)



Little Grebe
(Tachybaptus ruficollis)

Apart from this one Jungle Owlet and one India Gaur was also observed to be Leucitic in the Churna area.

SUGGESTIONS

SATPURA BIRD SURVEY - 2022

- Entire Satpura Landscape is geographically divided into 4 parts, Hilly Area, Grass Land, Wet land & Dense Forest. During the survey we have seen all the varieties of birds in this habitat like at Denva backwaters we had seen a lot of waders like Black Ballied Turn, Bar Headed Goose etc, at Panchmarhi hills we got a lot of Flycatchers, Thrush, Bulbuls, Owls, Raptors, Arial Birds like Black Crested Bulbul etc, at the Grass Land of Bori and Churna Pipits, Larks, Fowls etc were recorded & in forest area of Satpura we got all similar species which is present in all over MP.
- The result shows that Satpura carries a wide range of Biodiversity, Flora, Fauna and Aviflora of this area is totally different from other national parks of Madhya Pradesh, for example we can see Malabar Whistling Thrush, Malabar Pied Hornbill, Black Bellied Tern, Black Eagle etc very commonly here.
- The total number of birds found in this survey is 284 and the timing of the survey was of starting of reverse migration of birds, which was late this year due to weather conditions of our country. As we are having bird survey's from Last 5 years in the same session i.e. winter (around February & March) we are missing species of other sessions like Summer and Monsoon in this list. We will strongly suggest to have surveys during this sessions aswell so that we can have a comprehensive check list of birds seen throughout the year in the Tiger reserve

SUGGESTIONS

SATPURA BIRD SURVEY - 2022

- The Biodiversity of park is very rich, during birding session members also noted a lot of butterfly varieties, spiders, reptiles, small mammals like Rusty Spotted Cat, Flying Squirrels etc, with large herbivores and carnivores animals. So these bio indicators need proper monitoring and regular survey also.
- The effect of poor bird population was seen this year too, that indicates a alarming trend for us, also during the survey 4 different species of birds and mammals [Little Grebe, Pipit, Jungle Owlet, Indian Gaur], were observed/sighted which are suffering from Leucisticism which needs more research.
- Overall the STR is well managed and the staff is well trained and devotee for nature, they need only some grooming to sharpen their skills, so small workshops on regular basis can be organised for the Forest Guards & Guides.

LESSON TO LEARN

SATPURA BIRD SURVEY - 2022

The unexpected attack of Indian Gaur on one of the participants during the survey is an alarm to all of us to be agile and alert during the survey. A possible mishap was avoided due to the alertness of the guard and the luck of the participant.

This incident shows we need to be very alert while on the field, our focus should be on the birds but meantime our eyes and ears should also sense the possible danger. Before entering or crossing any dense patch we must ensure a thorough scanning of that area to avoid the possible face to face interaction with mammals or reptiles.



**The India Gaur (*Bos gaurus*)
Which Attacked**



Impact of the Hit



Registration

Registration was done of all the participants who arrived on 25th for the Bird Survey, A souvenir kit consisting of 1 Cap, 1 T - Shirt and 1 Six Pocket Jacket was provided to each registered participant along with a note pad and a pen. All participants also signed the Indemnity Bond.





Opening Ceremony

Shri Sandesh Maheshwari - AD - STR welcomed Shri Suhas Kumar- Rtd. PCCF, Shri Anil Nagar - Rtd. CCF, Shri L Krishnamurthy - FD- STR and all the 78 participants came from 12 different states, followed by speech of all the dignitaries.





Briefing

The protocols of the bird survey was discussed with all the participants by Shri Abhishek Paliwal and Shri Ajay Gadikar further Shri Swapnil Phanse - Wild Warriors & Dr Vijay Yadav - CFN discussed regarding the applications and other process of the survey.





Glimpses Of The Survey

Post lunch all the birders were divided in teams and moved to there respective camps via logistics arrangements done. Camps were allotted to the teams once they sat inside the vehicles to avoid camp changing requests.



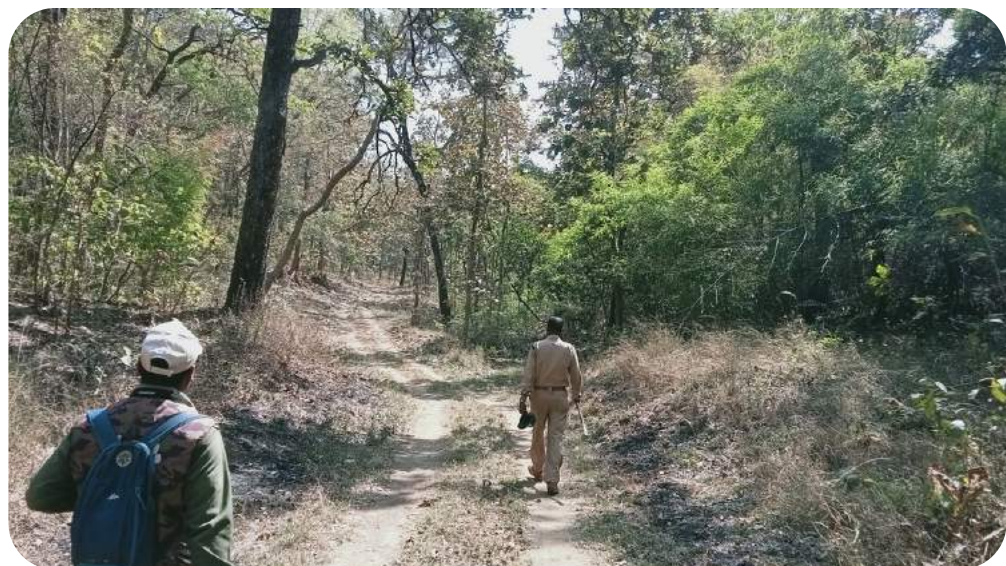


Glimps Of The Survey





Glimps Of The Survey





Glimps Of The Survey





Glimps Of The Survey





Valedictory



MEDIA



Satpura Bird Survey

CITY
RESERVE BOOSTS BIRDS
 Bird Survey in Satpura Tiger Reserve
 The research said that, of all the known bird species (500) and numbers, 129 are declining both in terms of numbers and range. 28% (56%) on average may become extinct and 7% (25%) on average.

spotlight plus शहर की वाइल्ड वॉरियर्स सोसायटी ने किया सतपुड़ा का पहला बर्ड सर्वे

सतपुड़ा के जंगल में पहली बार 12 राज्यों के बर्ड वाचरों के साथ एक बड़ा अभियान



पतिका plus रिपोर्टर
 इंदौर, शहर की वाइल्ड वॉरियर्स सोसायटी ने हाल ही में सतपुड़ा अभ्यारण में पांचवां बर्ड सर्वे किया है। टीम शुक्रवार सुबह 6 बजे सतपुड़ा में 269 बर्ड्स की स्पेसिज की डेटा गन्य, जिसमें से पांच से छह बर्ड्स देखे जा चुके हैं, जो यहां पहली बार देखे जा चुके हैं। पहला सतपुड़ा बर्ड्स रिपोर्ट विभाग ने ही जारी किया है। कुछ ही दिन में इसकी पूरी रिपोर्ट बनाकर यह रिपोर्ट विभाग को सौंपे जाएगी। संस्था के प्रिंसिपल सचिव काकाबर ने बताया कि सर्वे के लिए हमारे पास केरल, दिल्ली, महाराष्ट्र, हैदराबाद, कर्नाटक और राजस्थान के बर्ड्स वाचरों के अलावा कुल 12 राज्यों के 301 स्पेसिज की एक्सपर्ट्स शामिल हैं। इनमें से हमने 80 लोगों को चुना किया। इसके बाद हमने दो-दो लोगों की टीम बनाई और सर्वे शुरू किया। इस टीम में लगभग 30 महारथीक और बर्ड्स भी थे। सचिव काकाबर ने कहा, सतपुड़ा रिजर्व में सर्वे के दौरान हमें 269 बर्ड्स की प्रजातियां मिलीं। इसमें से कुछ बर्ड्स यहां पहली बार ही देखे गए, जबकि यह यहां का पारंपरिक बर्ड्स भी हैं।



बर्ड वाचरों को तीन समूहों में बांटा गया, जंगल में रहकर विभिन्न पक्षियों की पहचान करने में 12 प्रदेशों के बर्ड वाचरों के साथ बड़ा अभियान



सतपुड़ा टाइगर रिजर्व में जमा हुए बर्ड्स वाचरों की तीन समूहों में बांटा गया है। बर्ड्स वाचरों को तीन समूहों में बांटा गया है। वे बर्ड्स वाचरों के साथ एक बड़ा अभियान किया।

क दौरान नजर आवा पक्षी। ● सौजन्य : एसटीआर प्रबंधन
 (नईदुनिया प्रॉब्लम/सोहागपुर) सतपुड़ा टाइगर रिजर्व के बाग्रा वन में 25 एप्रिल (शुक्रवार) के बाद रात में 87 बर्ड्स वाचरों की 40 टीमों ने पांचवें बर्ड्स सर्वे किया। वाइल्ड वॉरियर्स इंदौर और सिटीजन फार नेचर जवल्पुर के सहयोग से किए गए सर्वे में बर्ड्स वाचरों की 269 प्रजाति के पक्षी नजर आए। अब एसटीआर प्रबंधन इन पक्षियों से संबंधित डेटा इंगल, यूरोपियन मा प्रोन वीफ्लेड, जंगल अवलेट, एले ओरिंटल हनी व इंगल, राक बर्ड्स, रीड बाबलर, वाटर लेगपिन, रीड स्टार, एशियन विब्रोड वीटर, ब्लू फुट ड प्रो

13 A

इंदौर सिटी भास्कर 02-03-2022

शहर की वाइल्ड वॉरियर्स संस्था ने प्रदेश की अन्य संस्थाओं के साथ मिलकर किया पांचवां बर्ड्स सर्वे

शहर की वाइल्ड वॉरियर्स संस्था ने प्रदेश की अन्य संस्थाओं के साथ मिलकर किया पांचवां बर्ड्स सर्वे। इसमें 275 प्रजातियां देखीं, इनमें से 12 राज्यों के 87 पक्षी विशेषज्ञों ने लिया हिस्सा, 40 टीमों ने एसटीआर की विभिन्न जगहों पर सर्वे किया।

- 5 साल में ऐसे बड़े तादाद में बर्ड्स सर्वे किया गया है।
- | | |
|-------------|----------------------|
| 2017-18 250 | 1. वन्य जीव विभाग |
| 2018-19 257 | 2. सिटीजन फॉर नेचर |
| 2019-20 277 | 3. इंदौर बर्ड्स क्लब |
| 2020-21 257 | 4. वन्य जीव विभाग |
| 2021-22 275 | 5. प्रकृति संरक्षण |

ये प्रजातियां उल्लेखनीय हैं।

1. वन्य जीव विभाग
2. सिटीजन फॉर नेचर
3. इंदौर बर्ड्स क्लब
4. वन्य जीव विभाग
5. प्रकृति संरक्षण

2 INDORIAN

SATPURA TIGER RESERVE

Since the 1500s, bird species and population continue to fall in tiger reserves in Madhya Pradesh, but Satpura Tiger Reserve has attempts to bring up the population and worked half way there in a year. Since the 1500s, birds have been declining both in numbers and range.



दिखे दुर्लभ पक्षी, फोटो लेकर रिकार्ड में शामिल किया गया। काकाबर ने बताया कि सर्वे के लिए हमारे पास केरल, दिल्ली, महाराष्ट्र, हैदराबाद, कर्नाटक और राजस्थान के बर्ड्स वाचरों के अलावा कुल 12 राज्यों के 301 स्पेसिज की एक्सपर्ट्स शामिल हैं। इनमें से हमने 80 लोगों को चुना किया। इसके बाद हमने दो-दो लोगों की टीम बनाई और सर्वे शुरू किया। इस टीम में लगभग 30 महारथीक और बर्ड्स भी थे। सचिव काकाबर ने कहा, सतपुड़ा रिजर्व में सर्वे के दौरान हमें 269 बर्ड्स की प्रजातियां मिलीं। इसमें से कुछ बर्ड्स यहां पहली बार ही देखे गए, जबकि यह यहां का पारंपरिक बर्ड्स भी हैं।



हुआ समापन, 12 राज्यों से आए 87 पक्षी विशेषज्ञों ने लिया हिस्सा, 40 टीमों ने एसटीआर की विभिन्न जगहों पर सर्वे किया।

FILM NEGATIVE

TESTIMONIAL'S

SATPURA BIRD SURVEY - 2022

During Fifth bird survey Panara was my destination & explore the trails with 40+ checklists 128+ bird species with the help of Forest staff. We can do non stop birding as forest staff made arrangements of food in birding trail itself. All arrangements like stay ,transportation & food are too good. Hats off to Team STR & organising team of survey for giving me the opportunity of contributions in avifauna data.

We saw Rock paintings at basniya river/nala which need proper protection. Birding Trail wise avifauna data must be analyse for habitat restorations.

If I am asked what I got from STR Surveys then I can say... knowledge from participants/birders/forest staff, Habitat awareness & changes, importance of avifauna data for such forest, nos of good friends among forest staff & participants.

Hopeful with More avifauna data during coming surveys which will help in decision/policy making.

I was fortunate enough to participate in most of the bird surveys conducted in Madhypradresh this year, but Satpura Tiger Reserve astonished me with its pristine beauty. It comprises a diverse range of ecosystems, including dense forest, riverine, grassland, and mountain ranges, which are home to a numerous rare animal species. This year, I had the opportunity to explore riverine habitat, which serves as a breeding ground for numerous migrating water fowls. A series of well-organized systematic surveys in Satpura has begun to raise awareness and interest in the protection of avi fauna among the forest department and the general public.



Mr. Lakshmikant Neve
Jalgaon (MH)



Dr. Dhaval Shukal
Post Doctoral Fellow ,
Department of Zoology
Gujarat University

TESTIMONIAL'S

SATPURA BIRD SURVEY - 2022

I have got the privilege to take part in the 5th Bird Survey held at STR from 25-27th Feb 2022 with around 80 bird watchers from 12 different states. It was a great experience for me to work with some senior Bird watcher's and Naturalist. I was delighted to see the mesmerizing scenic beauty of Satpura Tiger Reserve and The Denva back water at the Madhai Gate of STR.

As we began the the Bird survey early morning at our allocated camps with forest guards, we have seen the rich Flora and Fauna of the STR that we have never experienced previously. Apart from the birds we have seen a lot many things like the pug marks of big Cats such as Tiger and the Leopards, excreta of various animals such as Jackals, Wild Dogs, Jungle Cat, antelopes to name a few indicating their presence there. A wide variety of grasses, shrubs and trees with a wide variety of butterflies and insects dependent on them.

We have seen lots of migratory birds that have come here all the way from various places of globe to breed explaining the richness of this place.

Here I would like to acknowledge the hard work done by our forest guards and officials at such a remote places with minimal infrastructure away from home, committed to protect our natural Wealth.

I would like to thank Forest Department of STR to provide me an opportunity to be a part of this Survey.

Jai Hind

Satpura for me remains one of the finest wildlife destination from across the nation and has rewarded me with some of my best memories from the wild. And this bird survey conducted by the forest department along with Wild Warriors was an excellent opportunity to explore the avifauna treasures that Satpura has to offer. Birding at its best.



Dr. Sameer Agrawal
Jabalpur (MP)



Mr. Vipul Lunia
Bhopal (MP)

FLYING JEWELS

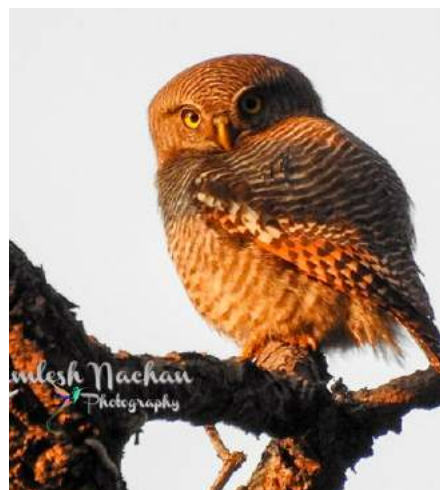
SATPURA BIRD SURVEY - 2022



Mottled Wood Owl (*Strix ocellata*)



**Brown Fish Owl
(*Bubo zeylonensis*)**



**Jungle Owlet
(*Glaucidium radiatum*)**

Photo Credits: Shri Shailesh Parashar & Mr Kamlesh Nachan

FLYING JEWELS

SATPURA BIRD SURVEY - 2022



Hair-crested Drongo (*Dicrurus ottentottus*)



**River Lapwing
(*Vanellus duvaucelii*)**



**Greater Racket-tailed Drongo
(*Dicrurus paradiseus*)**

FLYING JEWELS

SATPURA BIRD SURVEY - 2022



Bar-winged Flycatcher-Shrike (*Hemipus picatus*)



**Grey Junglefowl
(*Gallus sonneratii*)**



**Black Redstart
(*Phoenicurus ochruros*)**

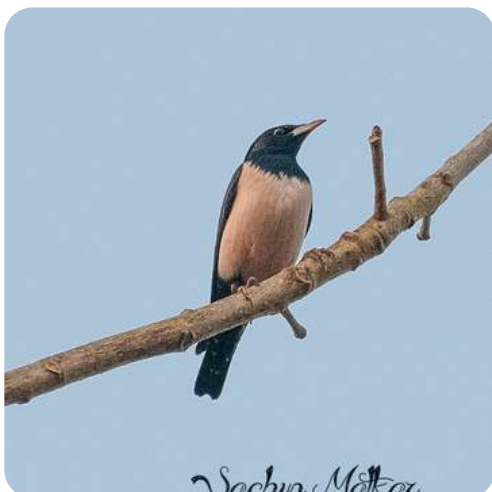
Photo Credits: Shri Sachin Matkar & Shri Kamlesh Nachan

FLYING JEWELS

SATPURA BIRD SURVEY - 2022



Red-headed Bunting (*Emberiza bruniceps*)



**Rosy Starling
(*Pastor roseus*)**



**Brown-headed Barbet
(*Psilopogon zeylanicus*)**

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FLYING JEWELS

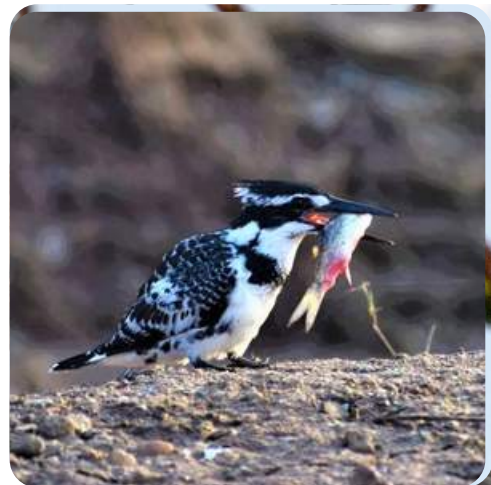
SATPURA BIRD SURVEY - 2022



Lesser Adjutant (*Leptoptilos javanicus*)



**Red-whiskered Bulbul
(*Pycnonotus jocosus*)**



**Pied Kingfisher
(*Ceryle rudis*)**

Photo Credits: Shri Sachin Matkar & Shri Kamlesh Nachan



THANK YOU

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