**IJCRT.ORG** 

ISSN: 2320-2882



# INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

# Status Of Bird Diversity In Seven Taluka's Of Yavatmal District Of Maharashtra, Central India.

Praveen Joshi Professor, Department of Zoology, Amolakchand Mahavidyalaya, Yavatmal. 445001

**ABSTRACT** 

Yavatmal district lies in the South-Western part of the Wardha Penganga-Waingangā plain in central India. The district lies between 19.26' and 20.42' north latitudes and 77.18' and 79.9' east longitudes. Yavatmal district is the highest cotton producing district in Maharashtra known as white gold district. Geographically it has formed from the Balaghat mountain ranges, this district is known as the hilly middle plateau district. The climate is hot and dry with an average temperature of 46 ° C. Up to 11 ° C in winter. The average rainfall of the district is 965 mm. About 21% of the district is covered by forest. There are over 2500 reservoirs in Yavatmal district including big, medium and small projects. Bird study started in the year 2009 and it continues till 2022. Mainly focused on diverse habitat in seven taluka which includes dams, rivers, streams, grasslands, shrubs and forests. Regular visits were scheduled for bird watching to any one of the habitats, these include 32 reservoirs, 5 rivers, 6 grasslands and 7 forests. A total of 326 species of birds of 13 orders and 56 families were sighted during the study period. They are distributed accordingly, 116 widespread winter visitors, 190 widespread residents, 7 passage visitors, 9 breeding migrants and 4 resident migrants. According to IUCN's Red Data List, 14 are in the Near Threaten, 5 in the Vulnerable and 2 in the Endangered category. The highest number of migratory waterfowl records i.e. 64 were recorded at Bembala, Nilona, Borgaon, Goki, Waghadi and Arunavati dams. 51 other migratory species including prey birds, warblers, pipits, cuckoos, shrikes, flycatchers, starlings, swallows, lapwings and larks were observed in the various habitat like Chausala forest, Durg forest, Jam range, Hivri range, Kita-Kapra forest, echori forest, Umrada forest, Bahiram and Lakhmapur range. Some species were recorded on grasslands like Echori, Bembala, Borgaon, Durg and Dattapur. 190 widespread residents, 7 passage visitors, 9 breeding migrants and 4 resident migrants share the same habitat. Yavatmal district currently has a large number of reservoirs and forests, but the development of road network, railways, deforestation for brick kilns, industrialization and urbanization are all endangering the habitat, which has a direct impact on bird habitat and bird numbers. What is needed is a nature-complementary development without human-centered development so that the existence of the birds and their habitats can be sustained. Yavatmal district having 16 Taluka from that 7 Taluka all the types of habitat are routinely monitor, important habitat from 4 taluka were visited few times but remaining 5 Taluka are yet be visited so in future it must be visited regularly and hope we will successful to discover untouched area and get some new bird species.

Keywords: Bird Diversity, Seven Taluka, Reservoir, forest, grassland, IUCN status, Rare Records.

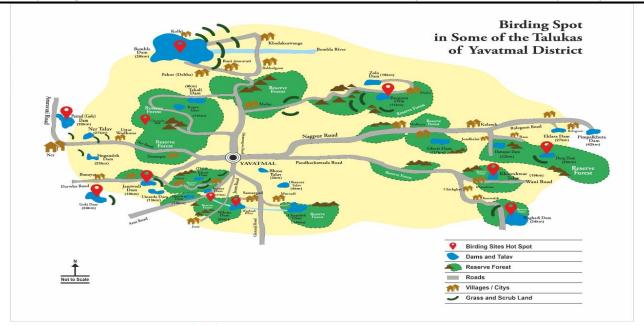
IJCRT2205321 International Journal of Creative Research Thoughts (IJCRT) www.ijcrt.org c818 Introduction:

Bird diversity is much greater than that of reptiles, amphibians and mammals respectively. Presently, there are 10,711 extant species and 158 extinct species of birds of the world. The diversity is astounding, with birds existing almost everywhere in the world. At least 1,317 bird species have been recorded in India against around 10,000 species found worldwide. Of the 1,317 species recorded in India, 72 are endemic to the country. There are 568 bird species observed in Maharashtra including migratory and residential birds. More than 450 species have been recorded till date in Vidarbha. Factors affecting on bird population i.e. Presence of food resources is a key factor which affects the habitat suitability of bird species. Likewise, bird density and diversity may be also affected by other various factors such as wetland size, water level fluctuation, predators, and habitat heterogeneity. In addition to habitat loss and climate change, Bay Area birds face numerous other issues and threats. These include excavation on dam sites, summer cultivation on wetland, over cattle grazing, excessive fishing, habitat destruction, trapping of birds, pollution and pesticides; fire and controlled burning regimes; invasive species; collisions; entanglement and entrapment; predation; disease; and illegal trade in wildlife.

Present paper highlights diversity of migratory, residential birds including waders, passerine and waders which are observed in the selected study area of Yavatmal district.

## Materials and Methods

There are 16 talukas in the Yavatmal district. The study on the birds and their habitat was started in 2009. When actual scientific study was carried out on birds intentionally focused on other talukas along with Yavatmal like Babhulgaon, Kalamb, Ner, Darwha, Ghatanji and aarni. Study was started by visiting selected reservoir like Nilona Dam (20.328563 N, 78.143155 E), Borgaon Dam (20.452929 N, 78.190815 E), Jamwadi Dam (20.364608 N, 78.013074 E), Bembla Dam (20° 353496 N, 78° 08 0416 E) Goki Dam (20°1803 N 77°5504 E ), Pathrad Gole ( 20.538320 N , 77.886714 E ) Chapdov Dam (20.264398 N, 78.212570 E) Waghadi Dam (20.268263 N, 78.305610 E) Takali Dam (20°27054 N 78°06090 E), Kapra Dam (20.456760 N, 78.065161 E ) Tembhurni Dam ( 20.465284 N 78.022632 E ) Zola Dam (20.459876 N 78.164682 E) Durug Dam (20.386325 N 78.353556 E ) Dattapur Dam (20.404466 N, 78.322313 E ) Eklara Dam (20.405251 N, 78.438227 E) Umerda Dam (20.355950 N, 78.020895E) Pimpalkhuta Dam (20.351912 N 78.507031 E) Arjuna Dam ( 20.322125 N 78.054035 E) Mandev Dam (20.343870 N 78.045038 E) and Khateshwar Dam (20.329324 N 78.280887 E). During the study period more than 50 visits on each water body were done. along with fresh water bodies regular visited to forest ranges in the talukas these are jam (20.352981 N 78.109152 E), Echori (20.360216 N 78.060991 E), Chausala (20.421147 N 78.079644 E), Durg (20.384450 N 78.376178 E), Umerda (20.364608 N, 78.013074 E), Hivri (20.343870 N 78.045038 E), Dumnapur (20.395910 N 78.07485 E ), Borgaon (20.452929 N , 78.190815 E ), Jodmoha (20.317726 N 78.294309 E) ) and Waghadi (20.263697 N 78.307889 E). I also visited grasslands like Echori, Bembla, Borgaon, Khateshwar and Arjuna .During the study, I would go to every water source, in the forest, on the grassland for observation between 6 and 9 in the morning, but sometimes also in the afternoon for bird watching. The Nikon 10/40 telescope helped me a lot when I was watching the birds, and I used to take pictures with the help of DSLR 7500 and 200-500 mm for proof. Books like Inskip - Birds of Indian Subcontinent and Salim Ali - Indian Birds have helped to identify the birds. After receiving rare bird entries, I used to check their status in Maharashtra and India with the help of e-Bird, Oriental Bird Club Image web site.



Map indicating all types of bird habitat in the seven Taluka of Yavatmal district.

### Result and Discussion

Yavatmal district is famous all over Maharashtra for producing white gold (Cotton). It is also geographically rich as a large area is covered by forest. There are mountain ranges, big dams, reservoirs, lakes and wide network of lakes in Yavatmal district. Along with two major rivers Panganga and Wardha its tributaries Pus, Bembala, Nirguda, Waghadi and Arunavati. There are total 16 talukas in the district out of which 7 talukas adjoining Yavatmal taluka include Babhulgaon, Ner, Kalamb, Daryha, Arni, Ghatanji and Ralegaon. Bird watching started in 2009 at all the major water sources, forests and grasslands. Reservoirs include Nilona Dam, Jamwadi Dam, Kapra Dam, Takli Dam and Chapdoh Dam in Yavatmal taluka, Pathrad Gole dam and Ner dam in Ner taluka, Goki dam and Umarda dam in Darvha taluka. Borgaon dam, Bembala dam and Zola dam, in Babhulgaon taluka, Ghoti dam, Dattapur dam and Durg dam in Kalamb taluka. Waghadi dam and Khateshwar lake in Ghatanji taluka. Mandey dam and Arjuna dam in Arni taluka. Waterfowl records were taken at the sites. The forests of these eight talukas include Chausala, Echori, Jam, Durg, Lakhmapur, Umerda, Hiwri, Jam, Dumnapur, Borgaon, Jodmoha, Waghadi and Ner areas. In this area mainly birds of prey and other passerine birds were observed. During the period between 2009 to 2021 monitoring each habitat several times during every visit and successfully recorded 326 bird species belonging to 13 orders and 56 families. Of the 326 bird species recorded to date, 65 of the 115 wader species are migratory and 50 are residential. During these years of study, records were taken of some migratory waterfowl which are for Yavatmal district these include Brown Breasted Flycatcher, Common Shelduck, Ferruginous Pochard, Jack Snipe, Eurasian Curlew, Wimbrel, Terek Sandpiper, Ruff, Red Necked Phalarope, Grey Plover, Grey Headed Lapwing, Heuglin's Gull, Indian Skimmer, Black Bellied Tern, Caspian tern and Saunders tern.

S.No.	COMMON NAME	SCIENTIFIC NAME	STATUS	IUCN CATEGORY
	Order: GALLIFO	DRMES		
	Family: PHASIA	NIDAE		
1	GREY FRANCOLIN	Francolinus pondicerianus	R	LC
2	PAINTED FRANCOLIN	Francolinus pictus	R	LC
3	JUNGLE BUSH QUAIL	Perdicula asiatica	R	LC
4	COMMON QUAIL	Cotumix cotumix	W	LC
5	RAIN QUAIL	Coturmix coromandelica	R	LC
6	BARRED BUTTONQUAIL	Tumix suscitator	R	LC
7	YELLOW LEGGED BUTTON QUAIL	Turnix tanki	R	LC

	ruorg	© ZUZZ IUUIKI   VUIUIII	c 10, 133uc (	inay Zozz   ioc
8	ROCK BUSH QUAIL	Perdicula argoondah	R	LC
9	GREY JUNGLEFOWL	Gallus sonneratti	R	LC
10	RED JUNGLEFOWL	Gallus gallus	R	LC
11	INDIAN PEAFOWL	Pavo cristatus	R	LC
	Order: ANSERIFO	ORMES		
	Family: DENDROCY	YGNDIAE		
12	LESSER WHISTLING DUCK	Dendrocygna javanica	R	LC
	Family: ANATI	IDAE		
13	GREY-LAG GOOSE	Anser anser	W	LC
14	BAR-HEAED GOOSE	Anser indicus	W	LC
15	RUDDY SHELDUCK	Tadorma ferruginea	W	LC
16	COMB DUCK	Sarkidiornis melanotos	R	LC
17	COTTON PYGMY-GOOSE	Nettapus coromandelianus	R	LC
18	MALLARD	Anas platyrhynchos	W	LC
19	COMMON SHELDUCK	Tadorna tadorna	W	LC
20	GADWALL	Anas strepera	W	LC
21	EURASIAN WIGEON	Anas Penelope	W	LC
22	SPOT-BILLED DUCK	Anas poecilorhyncha	R	LC
23	NORTHERN SHOVELER	Anas clypeata	W	LC
24	NORTHERN PINTAIL	Anas acuta	W	LC
25	GARGANEY	Ana <mark>s querqu</mark> edula	W	LC
26	COMMON TEAL	Anas crecca	W	LC
27	RED-CRESTED POCHARD	Rhodonessa rufina	W	LC
28	COMMON POCHARD	Aythya ferina	W	VU
29	FERRUGINOUS POCHARD	Aythya nyroca	W	NT
30	TUFTED DUCK	Aythya fuligula	W	LC
	Order: PICIFOI	RMES		/ (
	Family: PICII	DAE		100
31	EURASIAN WRYNECK	Jynx torquilla	W	LC
32	BROWN-CAPPED PYGMY	Dendrocopos nanus	R	LC
	WOODPECKER		10	
33	YELLOW-CROWNED WOODPECKER	Dendrocopos mahrattensis	R	LC
34	BLACK-RUMPED FLAMEBACK	Dinopium benghalense	R	LC
35	WHITE-NAPED WOODPECKER	Chrysocolaptes festivus	R	LC
	Family: MEGALA	IMIDAE		
36	COPPERSMITH BARBET	Megalaima haemacephala	R	LC
	Order: BUCEROTI	FORMES		
	Family: BUCERO	TIDAE		
37	INDIAN GREY HORNBILL	Ocyceros birostris	R	LC
	Order: UPEPIFO			
	Family: UPUPI	DAE		
38	COMMON HOOPOE	Upupa epops	R	LC
	Order: CORACIIF			
	Family:CORACI			
39	INDIAN ROLLER	Coracias benghalensis	R	LC
·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		

		0 -0 10 0111   1 010111	,	,,
40	EUROPEAN ROLLER	Coracias garrulus	PV	NT
	Family:ALCED	OINIDAE		
41	COMMON KINGFISHER	Alcedo atthis	R	LC
	Family: HALCY			
42	STORK BILLED KINGFISHER	Halcyon capensis	R	LC
43	WHITE THROATED KINGFISHER	Halcyon smyrnensis	R	LC
	Family: CERY			
44	PIED KINGFISHER	Ceryle rudis	R	LC
	Family: MERO			
45	GREEN BEE EATER	Merops orientalis	R	LC
46	BLUE-TAILED BEE-EATER	Merops philippinus	BM	LC
47	BLUE CHEEK BEE-EATER	Merops persicus	PV	LC
	Order: CUCULI	FORMES		
	Family: CUCU	LIDAE		
48	PIED CUCKOO	Clamator jacobinus	BM	LC
49	COMMON HAWK CUCKOO	Hierococcyx varius	R	LC
50	INDIAN CUCKOO	Cuculus micropterus	BM	LC
51	EURASIAN CUCKCOO	Cuculus canorus	BM	LC
52	GREY -BELLIED CUCKOO	Cacomantis passerinus	BM	LC
53	SIRKEER MALKOHA	Тассосиа	R	LC
54	ASIAN KOEL	Eudynamys scolopacea	R	LC
	Family: CENTRO		/1	
55	SOURTHERN COUCAL	Centropus coucal	R	LC
	Family: PSITT			
56	ALEXANDRINE PARAKEET	Psittacula eupatria	R	NT
57	ROSE RINGED PARAKEET	Psittacula krameri	R	LC
58	PLUM-HEADED PARAKEET	Psittacula cyanoc <mark>ephala</mark>	R	LC
	Order: APODI		-/	
	Family: APO		< N	) ·
59	LITTLE SWIFT	Apus affinis	R	LC
60	ALPINE SWIFT	Tachymarptis melba	R	LC
61	ASIAN PALM SWIFT	Cypsiurus balasiensis	R	LC
- 01	Family: HEMIPR	1.5	K	LC
62	CRESTED TREESWIFT	Hemiprocne coronata	R	LC
02	Order: STRIGI	<u> </u>	K	LC
	Family: TYTO			
62	·		D	IC
63	COMMON BARN OWL	Tyto alba	R	LC
C 4	,	IGIDAE	D	I.C.
64	INDIAN SCOPS OWL	Otus bakkamoena	R	LC
65	BROWN FISH OWL	Ketupa zeylonensis	R	LC
66	MOTTLED WOOD OWL	Strix leptooogrammica	R	LC
67	BROWN HAWK OWL	Ninox scutulata	R	LC
68	ROCK EAGLE OWL	Bubo bengalensis	R	LC
69	JUNGLE OWLET	Glaucidium radiatum	R	LC
70	SPOTTED OWLET	Athene brama	R	LC
71	SHORT EARED OWL	Asio flammeus	W	LC
	Family: CAPRIN	MULGIDAE		

Telephone   Persona   Pe	** ** **	itioig	© ZOZZ IOOKI   VOIGIII	c 10, 133ac (	may zozz   100
Order: COLUMBIFORMES   Family: COLUMBIFORMES	72	INDIAN NIGHTJAR	Caprimulgus asiaticus	R	LC
Order: COLUMBITORMES   Family: COLUMBIDAE	73	GREY NIGHTJAR	Caprimulgus indicus	R	LC
Family: COLUMBIDAE  75 ROCK PIGEON  Columba livia  R LC  76 ORANGE BREASTED GREEN PIEGON  77 YELLOW-FOOTED GREEN PIGEON  78 OREINTAL TURTLE DOVE  Streptopelia crientalis  R LC  79 LAUGHING DOVE  Streptopelia crientalis  R LC  80 SPOTTED DOVE  Streptopelia crientalis  R LC  81 RED COLLARD DOVE  Streptopelia crientalis  R LC  82 EURASIAN COLLARED DOVE  Streptopelia decaocto  R LC  Order: GRUFORMES  Family: RALLIDAE  83 BROWN CRAKE  Amauromis akool  R LC  84 BAILLON'S CRAKE  Porzana pusilia  W LC  85 RUDD' BREASTED WATERHEN  Amauromis phoenicurus  R LC  86 WHITE BREASTED WATERHEN  Amauromis phoenicurus  R LC  87 PURPLE SWAMPHEN  R COMMON MOORHEN  Gallinale chloropus  R LC  Order: CICONIFORMES  Family: PTEROCLIDAE  Perocles custus  Palantee Sandorous  Family: SCOLOPACIDAE  COMMON SIPE  Lymnocryptes minimus  W LC  Gallinago stenura  W LC  PALINTED SANDGROUSE  Perocles indicus  R LC  Gallinago stenura  W LC  SPOTTED REDSHANK  Tringa cotanus  W LC  Gallinago stenura  W LC  PROMON REDSHANK  Tringa totanus  W LC  Tringa totanus  W LC  Tringa totanus  W LC  COMMON SANDPIPER  Tringa stagnantiis  W LC  COMMON SANDPIPER  Tringa stagnantiis  W LC  Tringa totanus  W LC  Tringa totanus  W LC  COMMON SANDPIPER  Tringa totanus  W LC  Tringa totanus  W	74	SAVANNAH NIGHTJAR	Caprimulgus affinis	R	LC
Total Common Process   Total		Order: COLUMBI	FORMES		
76 ORANGE BREASTED GREEN Treron bicincius W LC PIEGON 77 YELLOW-POOTED GREEN PIGEON Treron phoenicoptera R LC 78 ORIENTAL TURTLE DOVE Stretopelia orientalis R LC 79 LAUGHING DOVE Streptopelia senegalensis R LC 80 SPOTTED DOVE Streptopelia senegalensis R LC 81 RED COLLARD DOVE Streptopelia tranquebarica R LC 82 EURASIAN COLLARED DOVE Streptopelia decaocto R LC  Order: GRUIFORMES Fannily: RALLIDAE 83 BROWN CRAKE Amauromis akool R LC 84 BAILLON'S CRAKE Porzana fusca W LC 85 RUDDY BREASTED CRAKE Porzana fusca W LC 86 WHITE BREASTED WATERHEN Amauromis phoenicurus R LC 87 PURPLE SWAMPHEN Porphyrio porphyrio R LC 88 COMMON MOORHEN Gallinule chloropus R LC 89 COMMON COOT Fulica atra R LC 90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC 91 PAINTED SANDGROUSE Pterocles indicus R LC 92 COMMON SIPE Lymnocryptes minimus W LC 93 JACK SNIPE Gallinago gallinago W LC 94 PIN TAILED SNIPE Gallinago gallinago W LC 95 BLACK TAILED GODWIT Limosa limosa W NT 96 SPOTTED REDSHANK Tringa erythropus W LC 97 COMMON REDSHANK Tringa totanus W LC 98 MARSH SANDPIPER Tringa sugnatilis W LC 100 GREEN SNADPIPER Tringa sugnatilis W LC 101 WOOD SANDPIPER Tringa sugnatilis W LC 102 COMMON SANDPIPER Tringa galareola W LC 103 LITTLE STINT Calidris temminckii W LC 104 TEMMINCK'S STINT Calidris temminckii W LC 105 EURASIAN WHIMBREL Numenius praceurs W LC 106 EURASIAN WHIMBREL Numenius praceurs W LC 107 CIURLEW SANDPIPER Calidris temminckii W LC 108 CURLEW SANDPIPER Calidris ferruginea PV NT 109 DUNLIN Calidris alpina W LC		Family: COLUM	BIDAE		
PIEGON 77 YELLOW-FOOTED GREEN PIGEON Treron phoenicoptera R LC 78 ORIENTAL TURTLE DOVE Stretopelia orientalis R LC 79 LAUGHING DOVE Streptopelia senegalensis R LC 80 SPOTTED DOVE Streptopelia diniensis R LC 81 RED COLLARD DOVE Streptopelia chinensis R LC 82 EURASIAN COLLARED DOVE Streptopelia diniensis R LC 83 RED COLLARD DOVE Streptopelia diniensis R LC 84 BALLAND GRAKE Amauromis akool R LC 85 RUDDY BREASTED CRAKE Porzana pusilia W LC 86 WHITE BREASTED CRAKE Porzana fusca W LC 87 PURPLE SWAMPHEN Amauromis phoenicurus R LC 88 COMMON MOORHEN Gallinule chioropus R LC 89 COMMON COOT Fulica arra R LC  Family: PTEROCLIDAE 90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC 91 PAINTED SANDGROUSE Pterocles indicus R LC 92 COMMON SNIPE Gallinago stenura W LC 93 JACK SNIPE Gallinago gallinago W LC 94 PIN TAILED SNIPE Gallinago stenura W LC 95 BLACK TAILED GODWIT Limosa limosa W LC 96 SPOTTED REDSHANK Tringa totanus W LC 97 COMMON REDSHANK Tringa reythropus W LC 98 MARSH SANDPIPER Tringa totanus W LC 99 COMMON GREEN SHANK Tringa robularia W LC 100 GREEN SNADPIPER Tringa colropus W LC 101 WOOD SANDPIPER Tringa ochropus W LC 102 COMMON SANDPIPER Tringa ochropus W LC 103 LITTLE STINT Calladis temninckii W LC 104 TEMMINCK'S STINT Calladis temninckii W LC 105 EURASIAN WHIMBREL Numenius pracetus W LC 106 EURASIAN WHIMBREL Numenius pracetus W LC 107 TERKEN SANDPIPER Calladis terminckii W LC 107 TERKEN SANDPIPER Calladis ferruginea PV NT 109 DUNLIN Calidris alpina W LC	75	ROCK PIGEON		R	LC
78 ORIENTAL TURTLE DOVE Stretopelia orientalis R LC 79 LAUGHING DOVE Streptopelia senegalensis R LC 80 SPOTTED DOVE Streptopelia senegalensis R LC 81 RED COLLARD DOVE Streptopelia tranquebarica R LC 82 EURASIAN COLLARED DOVE Streptopelia decaocto R LC Order: GRUIFORMES Family: RALLIDAE 83 BROWN CRAKE Amauromis akool R LC 84 BALLON'S CRAKE Porzana pusilia W LC 85 RUDDY BREASTED CRAKE Porzana fusca W LC 86 WHITE BREASTED WATERHEN Amauromis phoenicurus R LC 87 PURPLE SWAMPHEN Porphyrio porphyrio R LC 88 COMMON MOORHEN Gallinule chloropus R LC 89 COMMON COOT Fulica atra R LC  Order: CICONIFORMES Family: PTEROCLIDAE 90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC 91 PAINTED SANDGROUSE Pterocles indicus R LC 92 COMMON SNIPE Lymnocryptes minimus W LC 93 JACK SNIPE Gallinago gallinago W LC 94 PIN TAILED SNIPE Gallinago stenura W LC 95 BLACK TAILED GODWIT Limosa limosa W NT 96 SPOTTED REDSHANK Tringa erythropus W LC 97 COMMON REDSHANK Tringa totanus W LC 98 MARSH SANDPIPER Tringa stagnatilis W LC 100 GREEN SNADPIPER Tringa stagnatilis W LC 101 WOOD SANDPIPER Tringa stagnatilis W LC 102 COMMON SANDPIPER Tringa stagnatilis W LC 103 LITTLE STINT Calidris minuta W LC 104 TEMMINCK'S STINT Calidris minuta W LC 105 EURASIAN WHIMBREL Numenius phaeouus W LC 107 TERKE SANDPIPER Calidris ferruginea PV NT 108 CURLEW SANDPIPER Calidris ferruginea PV NT 109 DUNLIN Calidris alpina W LC		PIEGON			
Top	77			R	
80 SPOTTED DOVE Streptopelia chinensis R LC  81 RED COLLARD DOVE Streptopelia tranquebarica R LC  82 EURASIAN COLLARED DOVE Streptopelia decaocto R LC  Order: GRUIFORMES  Family: RALLIDAE  83 BROWN CRAKE Amauromis akool R LC  84 BAILLON'S CRAKE Porzama pusilia W LC  85 RUDDY BREASTED CRAKE Porzama fusca W LC  86 WHITE BREASTED WATERHEN Amauromis phoenicurus R LC  87 PURPLE SWAMPHEN Porphyrio porphyrio R LC  88 COMMON MOORHEN Gallinule chloropus R LC  89 COMMON COOT Fulica atra R LC  90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  91 PAINTED SANDGROUSE Pterocles indicus R LC  92 COMMON SNIPE Lymnocryptes minimus W LC  93 JACK SNIPE Gallinago sallinago W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REBSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa totanus W LC  100 GREEN SNADPIPER Tringa galareola W LC  101 WOOD SANDPIPER Tringa galareola W LC  102 COMMON SNIPER Tringa galareola W LC  103 LITTLE STINT Calidris immuta W LC  104 TEMMINCK'S STINT Calidris temminckii W LC  105 EURASIAN CURLEW Numenius phaeotus W LC  107 TEREK SANDPIPER Calidris ferruginea PV NT  109 DUNLIN Calidris alpina W LC	78			R	
RED COLLARD DOVE   Streptopelia tranquebarica   R   LC					
82 EURASIAN COLLARED DOVE Streptopelia decaocto R LC  Order: GRUIFORMES  Family: RALLIDAE  83 BROWN CRAKE Amaurornis akool R LC  84 BAILLON'S CRAKE Porzana pusilia W LC  85 RUDDY BREASTED CRAKE Porzana fusca W LC  86 WHITE BREASTED WATERHEN Amaurornis phoenicurus R LC  87 PURPLE SWAMPHEN Porphyrio porphyrio R LC  88 COMMON MOORHEN Gallinule chloropus R LC  89 COMMON COOT Fulica atra R LC  Order: CICONIIFORMES  Family: PTEROCLIDAE  90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  Family: SCOLOPACIDAE  92 COMMON SNIPE Jymnocryptes minimus W LC  Family: Gallinago gallinago W LC  93 JACK SNIPE Gallinago stenura W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totamus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  100 GREEN SNADPIPER Tringa galareola W LC  101 WOOD SANDPIPER Tringa galareola W LC  102 COMMON SANDPIPER Tringa galareola W LC  103 LITTLE STINT Calidris minuta W LC  104 TEMMINCK'S STINT Calidris minuta W LC  105 EURASIAN WHIMBREL Numenius phaeotus W LC  106 CURLEW SANDPIPER Zealustin Furning PV NT  107 TERRE SANDPIPER Xeaus cinerus W LC  108 CURLEW SANDPIPER Xeaus cinerus W LC  109 DUNLIN Calidris ferruginea PV NT			= =		
Order: GRUIFORMES   Family: RALLIDAE					
Family: RALLIDAE   R	82		1 1	R	LC
83 BROWN CRAKE Amaurornis akool R LC  84 BAILLON'S CRAKE Porzana pusilia W LC  85 RUDDY BREASTED CRAKE Porzana fusca W LC  86 WHITE BREASTED WATERHEN Amaurornis phoenicurus R LC  87 PURPLE SWAMPHEN Porphyrio porphyrio R LC  88 COMMON MOORHEN Gallinule chloropus R LC  89 COMMON COOT Fulica atra R LC  90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  91 PAINTED SANDGROUSE Pterocles exustus R LC  92 COMMON SNIPE Samily: SCOLOPACIDAE  94 PIN TAILED SNIPE Gallinago gallinago W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  100 GREEN SNADPIPER Tringa glareola W LC  101 WOOD SANDPIPER Actitis hypoleucos W LC  102 COMMON SANDPIPER Actitis hypoleucos W LC  103 LITTLE STINT Calidris eminuta W LC  104 TEMMINCK'S STINT Calidris temminckii W LC  105 CURLEW SANDPIPER Xenus cinerus W LC  106 CURLEW SANDPIPER Xenus cinerus W LC  107 TEREK SANDPIPER Actitis hypoleucos W LC  108 CURLEW SANDPIPER Xenus cinerus W LC  109 DUNLIN Calidris depina W LC  100 CURLEW SANDPIPER Xenus cinerus W LC  101 TEREK SANDPIPER Xenus cinerus W LC  102 COMMON GREENSHAN WHIMBREL Numenius orauata W NT  106 EURASIAN WHIMBREL Numenius phaeotus W LC  107 TEREK SANDPIPER Zenus cinerus W LC  108 CURLEW SANDPIPER Zenus cinerus W LC  109 DUNLIN Calidris depina W LC					
84 BAILLON'S CRAKE					
85 RUDDY BREASTED CRAKE Porzana fusca W LC 86 WHITE BREASTED WATERHEN Amauromis phoenicurus R LC 87 PURPLE SWAMPHEN Porphyrio porphyrio R LC 88 COMMON MOORHEN Gallinule chloropus R LC 89 COMMON COOT Fulica arra R LC 89 COMMON COOT Fulica arra R LC 80 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC 91 PAINTED SANDGROUSE Pterocles indicus R LC 92 COMMON SNIPE Lymnocryptes minimus W LC 93 JACK SNIPE Gallinago gallinago W LC 94 PIN TAILED SNIPE Gallinago stenura W LC 95 BLACK TAILED GODWIT Limosa limosa W NT 96 SPOTTED REDSHANK Tringa erythropus W LC 97 COMMON REDSHANK Tringa totanus W LC 98 MARSH SANDPIPER Tringa stagnatilis W LC 100 GREEN SNADPIPER Tringa stagnatilis W LC 101 WOOD SANDPIPER Tringa glareola W LC 102 COMMON SANDPIPER Tringa glareola W LC 103 LITTLE STINT Calidris minuta W LC 104 TEMMINCK'S STINT Calidris minuta W LC 105 EURASIAN WHIMBERL Numenius orauata W NT 106 EURASIAN CURLEW Numenius orauata W LC 107 TEREK SANDPIPER Zenica W LC 108 CURLEW SANDPIPER Actidis ferruginea PV NT 109 DUNLIN Calidris ferruginea PV NT 109 DUNLIN Calidris ferruginea PV NT 109 DUNLIN Calidris ferruginea PV NT					
86 WHITE BREASTED WATERHEN  87 PURPLE SWAMPHEN  88 COMMON MOORHEN  88 COMMON MOORHEN  89 COMMON COOT  Fulica atra  Order: CICONIIFORMES  Family: PTEROCLIDAE  90 CHESTNUT-BELLIED SANDGROUSE  Pterocles indicus  Family: SCOLOPACIDAE  91 PAINTED SANDGROUSE  Pterocles indicus  R  LC  Family: SCOLOPACIDAE  92 COMMON SNIPE  Gallinago gallinago  UC  94 PIN TAILED SNIPE  Gallinago stenura  W  LC  95 BLACK TAILED GODWIT  Limosa limosa  W  NT  96 SPOTTED REDSHANK  Tringa erythropus  W  LC  97 COMMON REDSHANK  Tringa totanus  W  LC  98 MARSH SANDPIPER  Tringa stagnatilis  W  LC  100 GREEN SNADPIPER  Tringa glareola  W  LC  101 WOOD SANDPIPER  Tringa glareola  W  LC  102 COMMON SANDPIPER  Actitis hypoleucos  W  LC  103 LITTLE STINT  Calidris minuta  W  LC  104 TEMMINCK'S STINT  Calidris temminckii  W  LC  105 EURASIAN CURLEW  Numenius phaeotus  W  LC  NT  109 DUNLIN  Calidris ferruginea  PV  NT  109 DUNLIN  Calidris alpina  W  LC					
87 PURPLE SWAMPHEN Porphyrio porphyrio R LC  88 COMMON MOORHEN Gallinule chloropus R LC  89 COMMON COOT Fulica atra R LC  Order: CICONIIFORMES  Family: PTEROCLIDAE  90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  91 PAINTED SANDGROUSE Pterocles indicus R LC  Family: SCOLOPACIDAE  92 COMMON SNIPE Lymnocryptes minimus W LC  93 JACK SNIPE Gallinago gallinago W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  100 GREEN SNADPIPER Tringa stagnatilis W LC  101 WOOD SANDPIPER Tringa chropus W LC  102 COMMON SANDPIPER Tringa glareola W LC  103 LITTLE STINT Calidris temminckii W LC  104 TEMMINCK'S STINT Calidris temminckii W LC  105 EURASIAN CURLEW Numenius orauata W NT  106 EURASIAN CURLEW Numenius orauata W LC  107 TEREK SANDPIPER Xenus cinerus W LC  108 CURLEW SANDPIPER Calidris ferruginea PV NT  109 DUNLIN Calidris lepina W LC					
88 COMMON MOORHEN Gallinule chloropus R LC  89 COMMON COOT Fulica atra R LC  Order: CICONIIFORMES  Family: PTEROCLIDAE  90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  91 PAINTED SANDGROUSE Pterocles indicus R LC  Family: SCOLOPACIDAE  92 COMMON SNIPE Lymnocryptes minimus W LC  93 JACK SNIPE Gallinago gallinago W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  99 COMMON GREENSHANK Tringa nebularia W LC  100 GREEN SNADPIPER Tringa glareola W LC  101 WOOD SANDPIPER Tringa glareola W LC  102 COMMON SANDPIPER Actitis hypoleucos W LC  103 LITTLE STINT Calidris minuta W LC  104 TEMMINCK'S STINT Calidris minuta W LC  105 EURASIAN CURLEW Numenius orauata W NT  106 EURASIAN WHIMBREL Numenius phaeotus W LC  107 TEREK SANDPIPER Xenus cinerus W LC  108 CURLEW SANDPIPER Calidris ferruginea PV NT  109 DUNLIN Calidris alpina W LC	86	WHITE BREASTED WATERHEN	Amaurornis phoenicurus	R	LC
89 COMMON COOT Fulica atra R LC  Order: CICONIIFORMES  Family: PTEROCLIDAE  90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  91 PAINTED SANDGROUSE Pterocles indicus R LC  Family: SCOLOPACIDAE  92 COMMON SNIPE Lymnocryptes minimus W LC  93 JACK SNIPE Gallinago gallinago W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  99 COMMON GREENSHANK Tringa nebularia W LC  100 GREEN SNADPIPER Tringa ochropus W LC  101 WOOD SANDPIPER Tringa ochropus W LC  102 COMMON SANDPIPER Actitis hypoleucos W LC  103 LITTLE STINT Calidris minuta W LC  104 TEMMINCK'S STINT Calidris temminckii W LC  105 EURASIAN CURLEW Numenius orauata W NT  106 EURASIAN CURLEW Numenius orauata W LC  107 TEREK SANDPIPER Xenus cinerus W LC  108 CURLEW SANDPIPER Xenus cinerus W LC  109 DUNLIN Calidris lpina W LC	87	PURPLE SWAMPHEN	Por <mark>phyrio po</mark> rphy <mark>rio</mark>	R	LC
Order: CICONIFORMES   Family: PTEROCLIDAE	88	COMMON MOORHEN	Gallinule chloropus	R	LC
Family: PTEROCLIDAE  90 CHESTNUT-BELLIED SANDGROUSE   Pterocles exustus   R   LC    91 PAINTED SANDGROUSE   Pterocles indicus   R   LC    Family: SCOLOPACIDAE    92 COMMON SNIPE   Lymnocryptes minimus   W   LC    93 JACK SNIPE   Gallinago gallinago   W   LC    94 PIN TAILED SNIPE   Gallinago stenura   W   LC    95 BLACK TAILED GODWIT   Limosa limosa   W   NT    96 SPOTTED REDSHANK   Tringa erythropus   W   LC    97 COMMON REDSHANK   Tringa totanus   W   LC    98 MARSH SANDPIPER   Tringa stagnatilis   W   LC    99 COMMON GREENSHANK   Tringa nebularia   W   LC    100 GREEN SNADPIPER   Tringa ochropus   W   LC    101 WOOD SANDPIPER   Tringa glareola   W   LC    102 COMMON SANDPIPER   Actitis hypoleucos   W   LC    103 LITTLE STINT   Calidris minuta   W   LC    104 TEMMINCK'S STINT   Calidris temminckii   W   LC    105 EURASIAN CURLEW   Numenius orauata   W   NT    106 EURASIAN WHIMBREL   Numenius phaeotus   W   LC    107 TEREK SANDPIPER   Calidris ferruginea   PV   NT    109 DUNLIN   Calidris alpina   W   LC    100 LC    101 Calidris alpina   W   LC    102 COMLEW SANDPIPER   Calidris ferruginea   PV   NT    109 DUNLIN   Calidris alpina   W   LC    100 LC    101 CALIDER   Calidris alpina   W   LC    102 CALIDER   Calidris alpina   W   LC    103 LC    104 CALIDRIA   CALID	89	COMMON COOT	Fulica atra	R	LC
90 CHESTNUT-BELLIED SANDGROUSE Pterocles exustus R LC  91 PAINTED SANDGROUSE Pterocles indicus R LC  Family: SCOLOPACIDAE  92 COMMON SNIPE Lymnocryptes minimus W LC  93 JACK SNIPE Gallinago gallinago W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  99 COMMON GREENSHANK Tringa nebularia W LC  100 GREEN SNADPIPER Tringa ochropus W LC  101 WOOD SANDPIPER Tringa ochropus W LC  102 COMMON SANDPIPER Actitis hypoleucos W LC  103 LITTLE STINT Calidris minuta W LC  104 TEMMINCK'S STINT Calidris temminckii W LC  105 EURASIAN CURLEW Numenius orauata W NT  106 EURASIAN WHIMBREL Numenius orauata W LC  107 TEREK SANDPIPER Zenus cinerus W LC  108 CURLEW SANDPIPER Calidris ferruginea PV NT  109 DUNLIN Calidris alpina W LC		Order: CICONIIF	ORMES		
91 PAINTED SANDGROUSE Pterocles indicus R LC  Family: SCOLOPACIDAE  92 COMMON SNIPE Lymnocryptes minimus W LC  93 JACK SNIPE Gallinago gallinago W LC  94 PIN TAILED SNIPE Gallinago stenura W LC  95 BLACK TAILED GODWIT Limosa limosa W NT  96 SPOTTED REDSHANK Tringa erythropus W LC  97 COMMON REDSHANK Tringa totanus W LC  98 MARSH SANDPIPER Tringa stagnatilis W LC  99 COMMON GREENSHANK Tringa nebularia W LC  100 GREEN SNADPIPER Tringa ochropus W LC  101 WOOD SANDPIPER Tringa glareola W LC  102 COMMON SANDPIPER Actitis hypoleucos W LC  103 LITTLE STINT Calidris minuta W LC  104 TEMMINCK'S STINT Calidris temminckii W LC  105 EURASIAN CURLEW Numenius orauata W NT  106 EURASIAN WHIMBREL Numenius phaeotus W LC  107 TEREK SANDPIPER Zenus cinerus W LC  108 CURLEW SANDPIPER Zenus cinerus W LC  109 DUNLIN Calidris alpina W LC		Family: PTEROC	LIDAE		
Family: SCOLOPACIDAE  92 COMMON SNIPE     Lymnocryptes minimus     W    LC  93 JACK SNIPE     Gallinago gallinago     W    LC  94 PIN TAILED SNIPE     Gallinago stenura     W    LC  95 BLACK TAILED GODWIT     Limosa limosa     W    NT  96 SPOTTED REDSHANK     Tringa erythropus     W    LC  97 COMMON REDSHANK     Tringa totanus     W    LC  98 MARSH SANDPIPER     Tringa stagnatilis     W    LC  99 COMMON GREENSHANK     Tringa nebularia     W    LC  100 GREEN SNADPIPER     Tringa ochropus     W    LC  101 WOOD SANDPIPER     Tringa glareola     W    LC  102 COMMON SANDPIPER     Actitis hypoleucos     W    LC  103 LITTLE STINT     Calidris minuta     W    LC  104 TEMMINCK'S STINT     Calidris temminckii     W    LC  105 EURASIAN CURLEW     Numenius orauata     W    NT  106 EURASIAN WHIMBREL     Numenius phaeotus     W    LC  107 TEREK SANDPIPER     Zenus cinerus     W    LC  108 CURLEW SANDPIPER     Calidris alpina     W    LC	90	CHESTNUT-BELLIED SANDGROUSE	Pterocles exustus	R	LC
92 COMMON SNIPE    Sallinago gallinago   W   LC	91	PAINTED SANDGROUSE	Pterocles indicus	R	LC
93 JACK SNIPE Gallinago gallinago W LC 94 PIN TAILED SNIPE Gallinago stenura W LC 95 BLACK TAILED GODWIT Limosa limosa W NT 96 SPOTTED REDSHANK Tringa erythropus W LC 97 COMMON REDSHANK Tringa totanus W LC 98 MARSH SANDPIPER Tringa stagnatilis W LC 99 COMMON GREENSHANK Tringa nebularia W LC 100 GREEN SNADPIPER Tringa ochropus W LC 101 WOOD SANDPIPER Tringa glareola W LC 102 COMMON SANDPIPER Actitis hypoleucos W LC 103 LITTLE STINT Calidris minuta W LC 104 TEMMINCK'S STINT Calidris temminckii W LC 105 EURASIAN CURLEW Numenius orauata W NT 106 EURASIAN WHIMBREL Numenius phaeotus W LC 107 TEREK SANDPIPER Xenus cinerus W LC 108 CURLEW SANDPIPER Calidris ferruginea PV NT 109 DUNLIN Calidris alpina W LC		Family: SCOLOPA	ACIDAE		1112
94 PIN TAILED SNIPE  95 BLACK TAILED GODWIT  1 Limosa limosa  W NT  96 SPOTTED REDSHANK  Tringa erythropus  W LC  97 COMMON REDSHANK  Tringa totanus  W LC  98 MARSH SANDPIPER  Tringa stagnatilis  W LC  100 GREEN SNADPIPER  Tringa ochropus  W LC  101 WOOD SANDPIPER  Tringa glareola  W LC  102 COMMON SANDPIPER  Actitis hypoleucos  W LC  103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Calidris ferruginea  PV NT  109 DUNLIN  Calidris alpina  W LC	92	COMMON SNIPE	Lymnocryptes minimus	W	LC
95 BLACK TAILED GODWIT  Limosa limosa  W NT  96 SPOTTED REDSHANK  Tringa erythropus  W LC  97 COMMON REDSHANK  Tringa totanus  W LC  98 MARSH SANDPIPER  Tringa stagnatilis  W LC  99 COMMON GREENSHANK  Tringa nebularia  W LC  100 GREEN SNADPIPER  Tringa ochropus  W LC  101 WOOD SANDPIPER  Tringa glareola  W LC  102 COMMON SANDPIPER  Actitis hypoleucos  W LC  103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  W NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Xenus cinerus  W LC  108 CURLEW SANDPIPER  Calidris alpina  W LC	93	JACK SNIPE	Gallinago gallinago	W	LC
96 SPOTTED REDSHANK  7ringa erythropus  W LC  97 COMMON REDSHANK  Tringa totanus  W LC  98 MARSH SANDPIPER  Tringa stagnatilis  W LC  99 COMMON GREENSHANK  Tringa nebularia  W LC  100 GREEN SNADPIPER  Tringa ochropus  W LC  101 WOOD SANDPIPER  Tringa glareola  W LC  102 COMMON SANDPIPER  Actitis hypoleucos  W LC  103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  W NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Xenus cinerus  W LC  108 CURLEW SANDPIPER  Calidris alpina  W LC	94	PIN TAILED SNIPE	Gallinago stenura	W	LC
97 COMMON REDSHANK  Tringa totanus  W LC  98 MARSH SANDPIPER  Tringa stagnatilis  W LC  99 COMMON GREENSHANK  Tringa nebularia  W LC  100 GREEN SNADPIPER  Tringa ochropus  W LC  101 WOOD SANDPIPER  Tringa glareola  W LC  102 COMMON SANDPIPER  Actitis hypoleucos  W LC  103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  W NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Xenus cinerus  W LC  108 CURLEW SANDPIPER  Calidris ferruginea  PV NT  109 DUNLIN  Calidris alpina  W LC	95	BLACK TAILED GODWIT	Limosa limosa	W	NT
98 MARSH SANDPIPER  Tringa stagnatilis  W  LC  99 COMMON GREENSHANK  Tringa nebularia  W  LC  100 GREEN SNADPIPER  Tringa ochropus  W  LC  101 WOOD SANDPIPER  Tringa glareola  W  LC  102 COMMON SANDPIPER  Actitis hypoleucos  W  LC  103 LITTLE STINT  Calidris minuta  W  LC  104 TEMMINCK'S STINT  Calidris temminckii  W  LC  105 EURASIAN CURLEW  Numenius orauata  W  NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W  LC  107 TEREK SANDPIPER  Xenus cinerus  W  LC  108 CURLEW SANDPIPER  Calidris ferruginea  PV  NT  109 DUNLIN  Calidris alpina  W  LC	96	SPOTTED REDSHANK	Tringa erythropus	W	LC
99 COMMON GREENSHANK  Tringa nebularia  W LC  100 GREEN SNADPIPER  Tringa ochropus  W LC  101 WOOD SANDPIPER  Tringa glareola  W LC  102 COMMON SANDPIPER  Actitis hypoleucos  W LC  103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  W NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Xenus cinerus  W LC  108 CURLEW SANDPIPER  Calidris ferruginea  PV NT  109 DUNLIN  Calidris alpina  W LC	97	COMMON REDSHANK	Tringa totanus	W	LC
100 GREEN SNADPIPER  Tringa ochropus  W LC  101 WOOD SANDPIPER  Tringa glareola  W LC  102 COMMON SANDPIPER  Actitis hypoleucos  W LC  103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  W NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Xenus cinerus  W LC  108 CURLEW SANDPIPER  Calidris ferruginea  PV NT  109 DUNLIN  Calidris alpina  W LC	98	MARSH SANDPIPER	Tringa stagnatilis	W	LC
101 WOOD SANDPIPER  102 COMMON SANDPIPER  103 LITTLE STINT  104 TEMMINCK'S STINT  105 EURASIAN CURLEW  106 EURASIAN WHIMBREL  107 TEREK SANDPIPER  108 CURLEW SANDPIPER  109 DUNLIN  100 LC  101 Tringa glareola  W LC  Calidris hypoleucos  W LC  Calidris minuta  W LC  V LC  Calidris temminckii  W LC  Numenius orauata  W NT  LC  V LC  Calidris ferruginea  PV NT  Calidris alpina  W LC	99	COMMON GREENSHANK	Tringa nebularia	W	LC
102COMMON SANDPIPERActitis hypoleucosWLC103LITTLE STINTCalidris minutaWLC104TEMMINCK'S STINTCalidris temminckiiWLC105EURASIAN CURLEWNumenius orauataWNT106EURASIAN WHIMBRELNumenius phaeotusWLC107TEREK SANDPIPERXenus cinerusWLC108CURLEW SANDPIPERCalidris ferrugineaPVNT109DUNLINCalidris alpinaWLC	100	GREEN SNADPIPER	Tringa ochropus	W	LC
103 LITTLE STINT  Calidris minuta  W LC  104 TEMMINCK'S STINT  Calidris temminckii  W LC  105 EURASIAN CURLEW  Numenius orauata  W NT  106 EURASIAN WHIMBREL  Numenius phaeotus  W LC  107 TEREK SANDPIPER  Xenus cinerus  W LC  108 CURLEW SANDPIPER  Calidris ferruginea  PV NT  109 DUNLIN  Calidris alpina  W LC	101	WOOD SANDPIPER	Tringa glareola	W	LC
104TEMMINCK'S STINTCalidris temminckiiWLC105EURASIAN CURLEWNumenius orauataWNT106EURASIAN WHIMBRELNumenius phaeotusWLC107TEREK SANDPIPERXenus cinerusWLC108CURLEW SANDPIPERCalidris ferrugineaPVNT109DUNLINCalidris alpinaWLC	102	COMMON SANDPIPER	Actitis hypoleucos	W	LC
105EURASIAN CURLEWNumenius orauataWNT106EURASIAN WHIMBRELNumenius phaeotusWLC107TEREK SANDPIPERXenus cinerusWLC108CURLEW SANDPIPERCalidris ferrugineaPVNT109DUNLINCalidris alpinaWLC	103	LITTLE STINT	Calidris minuta	W	LC
106EURASIAN WHIMBRELNumenius phaeotusWLC107TEREK SANDPIPERXenus cinerusWLC108CURLEW SANDPIPERCalidris ferrugineaPVNT109DUNLINCalidris alpinaWLC	104		Calidris temminckii	W	LC
107TEREK SANDPIPERXenus cinerusWLC108CURLEW SANDPIPERCalidris ferrugineaPVNT109DUNLINCalidris alpinaWLC	105		Numenius orauata		NT
108CURLEW SANDPIPERCalidris ferrugineaPVNT109DUNLINCalidris alpinaWLC	106		Numenius phaeotus	W	LC
109 DUNLIN Calidris alpina W LC	107	TEREK SANDPIPER	Xenus cinerus		
·				DV	NT
110   PIED AVOCET   Recurvisrostra avosetta   W   LC			·		
	109	DUNLIN	Calidris alpina	W	LC

w.ijc	rt.org	© 2022 IJCK I   Voluli	ie 10, 155ue	3 Way 2022   1
111	RED NECKED PHALAROPE	Phalaropes lobatus	W	LC
112	RUFF	Philomachus pugnax	W	LC
	Family: ROSTI	RATUIDAE		
113	GREATER PAINTED SNIPE	Rostratula benghalensis	R	LC
	Family: JAC	ANIDAE		
114	PHEASANT TAILED JACANA	Hydrophasianus chirurgus	R	LC
115	BRONZE WINGED JACANA	Metopidius indicus	R	LC
	Family: BUR	HINIDAE		
116	INDIAN THICK-KNEE	Burhinus oedicnemus	R	LC
117	GREAT THICK-KNEE	Esacus recurvirostris	R	NT
	Family: CHAR	ADRIIDAE		
118	BLACK-WINGED STILT	Himantopus himantopus	RM	LC
119	KENTISH PLOVER	Charadrius alexandrinus	BM	LC
120	PACIFIC GOLDEN PLOVER	Pluvialis fulva	W	LC
121	GREATER SAND PLOVER	Charadrius leschenaultii	W	LC
122	LESSER SAND PLOVER	Charadrius mongolus	W	LC
123	GREY PLOVER	Pluvialis squatarola	W	LC
124	COMMON RING PLOVER	Charadrius haiticula	W	LC
125	LITTLE RINGED PLOVER	Charadrius dubius	W	LC
126	YELLOW WATTLED LAPWING	Vanellus malarbaricus	R	LC
		Y		
127	GREY HEADED LAPWING	Van <mark>ellus cine</mark> reus	W	LC
128	RIVER LAPWING	Vanellus spinosus	R	NT
129	RED WATTLED LAPWING	Vanellus indicus	R	LC
	Family: GLAI	REOLIDAE		
130	ORIENTAL PRATINCOLE	Glareola maldiva <mark>rum</mark>	BM	LC
131	COLLARD PRATINCOLE	Glareola pratinco <mark>la</mark>	PV	LC
132	INDIAN COURSER	Cursorius coromandelicus	R	LC
133	SMALL PRATINCOLE	Glareola lactea	R	LC
	Family: LA	ARIDAE		
134	BROWN-HEADED GULL	Larus brunnicephalus	W	LC
135	PALLAS'S GULL	Ichthyaetus ichthyaetus	W	LC
136	HEUGLIN'S GULL	Larus fuscus heuglini	W	LC
137	BLACK HEADED GULL	Chroicocephalus ridibundus	W	LC
138	INDIAN SKIMMER	Rynchops albicollis	W	VU
139	GULL BILL TERN	Gelochelidon nilotica	PV	LC
140	BLACK BELLIED TERN	Sterna acuticauda	PV	EN
141	CASPIAN TERN	Hydroprogne caspia	W	LC
142	RIVER TERN	Sterna aurantia	RM	NT
143	WHITE WING TERN	Chlidonias leucopterus	W	LC
144	SAUNDER'S TERN	Sterna saundersi	W	LC
145	LITTLE TERN	Sterna albifrons	BM	LC
	L MALICEZ LADIALS TEDM	Childonias hybridia	W	LC
146	WHISKERED TERN	•		
	Family- ACCII			
147	Family- ACCII OSPREY	Pandion haliaetus	W	LC
	Family- ACCII		W R R	LC LC LC

11 11 11	ittorg	© ZUZZ IOOKT   VOIGITI	c 10, 1334c c	Way Zozz   100
150	CRESTED GOSHHAWK	Accipiter trivirgatus	R	LC
151	BESRA SPARROW HAWK	Accipiter virgatus	R	LC
152	SHIKRA	Accipiter badius	R	LC
153	EGYPTIAN VULTURE	Neophron percnopterus	R	EN
154	EURASIAN SPARROWHAWK	Accipiter nisus	R	LC
155	ORIENTAL HONEY BUZZARD	Pernis ptilorhyncus	R	LC
156	WHITE-EYED BUZZARD	Butastur teesa	R	LC
157	SHORT TOED SNAKE EAGLE	Circaetus gallicus	R	LC
158	CRESTED SERPENT EAGLE	Spilornis cheela	R	LC
159	INDIAN SPOTTED EAGLE	Clanga hastata	W	VU
160	CRESTED HAWK EAGLE	Nisaetus cirrhatus	R	LC
161	GREY HEADED FISH EAGLE	Ichthyophaga ichthyaetus	W	NT
162	GREATER SPOTTED EAGLE	Aquila clanga	R	VU
163	BONELLI'S EAGLE	Hieraaetus fasciatus	R	LC
164	BLACK EAGLE	Ictinaetus malayensis	W	LC
165	BOOTED EAGLE	Hieraaetus pennatus	W	LC
166	PALLIED HARRIER	Circus macrourus	W	NT
167	EURASIAN MARSH HARR <mark>IER</mark>	Circus aeruginosus	W	LC
168	MONTAGU'S HARRIER	Circus pygargus	W	LC
169	PIED HARRIER	Circus melanoleucos	W	LC
	Fam <mark>ily- FA</mark> LCON	NIDAE		
170	RED NECKED FALCON	Falco chicquera	R	NT
171	AMUR FALCON	Falco amurensis	W	LC
172	EURASIAN HOBBY	Falco subbuteo	W	LC
173	PEREGRINE FALCON	Falco peregrines	R	LC
174	COMMON KESTRAL	Falco tinnunculus	W	LC
	Family- PODICIPI			21
175		Tachybaptus rufic <mark>ollis</mark>	R	LC
	Family- ANHING			
176	DARTER	Anhinga melanogaster	R	NT
	Family- PHALACROC			
177	LITTLE CORMORANT	Phalacrocorax niger	R	LC
178	INDIAN CORMORANT	Phalacrocorax fuscicollis	R	LC
179	GREAT CORMORANT	Phalacrocorax carbo	R	LC
	Family- ARDEI			
180	LITTLE EGRET	Egretta garzetta	R	LC
181	GREAT EGRET	Casmerodius albus	R	LC
182	WESTERN REEF EGRET	Egretta gularis	R	LC
183	INTERMEDIATE EGRET	Mesophoyx intermedia	R	LC
184	CATTLE EGRET	Bubulcus ibis	R	LC
185	GREY HERON	Ardea cinerea	W	LC
186	PURPLE HERON	Ardeela purpurea	R	LC
187	INDIAN POND HERON	Ardeola grayii	R	LC
188	STRIATED HERON	Butorides striatus	R	LC
189	BLACK CROWNED NIGHT HERON	Nycticorax nycticorax	R	LC
190 191	YELLOW BITTERN	Ixobrychus sinensis	R	LC
1 191	CINNAMON BITTERN	Ixobrychus cinnamomeus	R	LC

www.ijc	rt.org		© 2022 IJCK I   Volulli	e 10, 155ue 3	) Way 2022   133
192	BLACK BITTERN		Dupetor flavicollis	R	LC
	Family- PH	OENICOI	PTERIDAE		
193	GREATER FAMINGO		Phoenicopterus ruber	W	LC
	Famil	y- PHOEN	NICOPTERIDAE		
194	GLOSSY IBIS		Plegadis falcinellus	W	LC
195	BLACK-HEADED IBIS		Threskiornis melanocephalus	R	NT
196	BLACK IBIS		Pseudibis papillosa	R	LC
197	EURASIAN SPOONBILL		Platalea leucorodia	RM	LC
	Family	- CICONI	IIDAE		
198	PAINTED STORK		Mycteria leucocephala	RM	NT
199	ASIAN OPENBILL		Anastomus oscitans	W	LC
200	BLACK STORK		Ciconia nigra	W	LC
201	WOOLLY NECKED STORK		Ciconia episcopus	R	VU
	ORDER- I	PASSERI	FORMES		
	Fami	ly- PITTI	DAE		
202	INDIAN PITTA		Pitta brachyura	BM	LC
	Famil	ly- IRENI	DAE		
203			Chloropsis cochinchinensis	R	LC
204	JERDON'S LEAFBIRD	$ \forall$	Chloropsis aurifrons	R	LC
	GOLDEN FRONTED LEAFBIR	PD.			
		ly- LANII	DAF		
205	ISABELLINE SHRIKE	ly- LANII	Lanius isabellinus	W	LC
206	BROWN SHRIKE		Lanius cristatus	W	LC
207	BAY BACKED SHRIKE		Lanius vittatus	R	LC
208	LONG TAILED SHRIKE		Lanius schach	R	LC
209	SOUTHERN GREY SHRIKE		Lanius meridionalis	R	LC
	Famil	y- CORVI	DAE		
210	RUFOUS TREEPIE		Dendrocitta vagab <mark>unda</mark>	R	LC
211	LARGE BILLED CROW		Corvus macrorhynchos	R	LC
212	HOUSE CROW		Corvus splendens	R	LC
213	BLACK HOODED ORIOLE		Oriolus xanthornus	R	LC
214	EURASIAN GOLDEN ORIOLE	E	Oriolus oriolus	R	LC
215	BLACK WINGED CUCKOO S	HRIKE	Coracina melaschistos	W	LC
216	LARGE CUCKOOSHRIKE		Coracina macei	R	LC
217	BLACK HEADED CUCKOOSE	HRIKE	Coracina melanoptera	R	LC
			•		
218	WHITE BELLIED MINIVET		Pericrocotus erythropygius	R	LC
219	SMALL MINIVET		Pericrocotus cinnamomeus	R	LC
220	BLACK DRONGO		Dicrurus macrocercus	R	LC
221	WHITE BELLIED DRONGO		Dicrurus caerulescens		LC
222	ASHY DRONGO		Dicrurus leucophaeus	R	LC
223	WHITE BROWED FANTAIL		Rhipidura aureola	R	LC
224	WHITE THROATED FANTAII		Rhipidura albicollis	W	LC
225	ASIAN PARADISE FLYCATC	HER	Terpsiphone paradisi	R	LC
			•		
226	COMMON IORA		Aegithina tiphia	R	LC
			I .	<u> </u>	

	rt.org	© 2022 IJCR I   VOIUIII	e 10, issue :	
227	COMMON WOODSHRIKE	Tephrodornis pondicerianus	R	LC
	Family- MUSCIC	APIDAE		
228	BLUE ROCK THRUSH	Monticola solitarius	W	LC
229	BLUE CAPPED ROCK THRUSH	Monticola cinclorhynchus	PV	LC
230	MALABAR WHISTLING THRUSH	Myophonus horsfieldii	R	LC
231	ORANGE HEADED THRUSH	Zoothera citrina	R	LC
232	INDIAN BLACKBIRD	Turdus simillimus	R	LC
233	ASIAN BROWN FLYCATCHER	Muscicapa dauurica	W	LC
234	BROWN BREASTED FLYCATCHER	Muscicapa muttui	W	LC
234	RED BREASTED FLYCATCHER	Ficedula parva	W	LC
235	VERDITER FLYCATCHER	Eumyias thalassina	W	LC
236	TIAGA FLYCATCHER	Ficedula albicilla	W	LC
237	ULTRAMARINE FLYCATCHER	Ficedula superciliaris	W	LC
238	GREY HEADED CANARY FLYCATCHER	Culicicapa ceylonensis	W	LC
239	BLACK NAPED MONARCH	Hypothymis azurea	R	LC
240	TICKELL'S BLUE FLYCATCHER	Cyornis tickelliae	R	LC
241	BLUETHROAT	Luscinia svecica	W	LC
242	ORIENTAL MAGPIE ROBIN	Copsychus saularis	R	LC
243	INDIAN ROBIN	Saxicoloides fulicata	R	LC
244	BLACK REDSTART	Phoenicurus ochruros	W	LC
245	COMMON STONECHAT	Saxicola torquata	W	LC
246	PIED BUSHCHAT	Saxicola caprata	R	LC
247	ISABELLINE WHEATER	Oenathe deserti	W	LC
248	BROWN ROCK CHAT	Cercomela fusca	R	LC
249	DESERT WHEATER	Oenanthe desertii	W	LC
	Family- STURN			20
250	CHESTNUT-TAILED STARLING	Sturnus malabaricus	W	LC
251	ROSY STARLING	Sturnus roseus	W	LC
252	BRAHMINY STARLING	Sturnus pagodarum	R	LC
253	ASIAN PIED STARLING	Sturnus contra	R	LC
254	COMMON MYNAH	Acridotheres tristis	R	LC
255	JUNGLE MYNA	Acridotheres fuscus	W	LC
	Family- SITTI			
256	INDIAN NUTHATCH	Sitta castanea	R	LC
257	VELVET FRONTED NUTHATCH	Sitta frontalis	R	LC
	Family- PARI	DAE		
258	GREAT TIT	Parus major	R	LC
259	BLACK LORED TIT	Parus xanthogenys	R	LC
	Family- HIRUND	IDIDAE		
260	DUSKY CRAG MARTIN	Hirundo concolor	R	LC
261	COMMON SAND MARTIN	Riperia riperia		LC
262	COMMON HOUSE MARTIN	Delichon urbicum	W	LC
	PLAIN MARTIN	Riparia paludicola	R	LC
263	T LA III V IVII II VIII V			

WWW.ijo	itioig	© ZOZZ IOOKI   VOIGIII	0 10, 100a0 C	may 2022   100
265	WIRE TAILED SWALLOW	Hirundo smithii	R	LC
266	RED RUMPED SWALLOW	Hirundo daurica	R	LC
267	STREAK THROATED SWALLOW	Hirundo fluvicola	R	LC
	Family- PYCNON	OTIDAE		
268	RED VENTED BULBUL	Pycnonotus cafer	R	LC
269	WHITE BROWED BULBUL	Pycnonotus luteolus	R	LC
	Family- CISTICO	LIDAE		
270	ZITTING CISTICOLA	Cisticola juncidis	R	LC
271	GREY BREASTED PRINIA	Prinia hodgsonii	R	LC
272	ASHY PRINIA	Prinia socialis	R	LC
273	PLAIN PRINIA	Prinia inornata	R	LC
274	JUNGLE PRINIA	Prinia sylvatica	R	LC
	Family- ZOSTERO	OPIDAE		
275	ORIENTAL WHITE EYE	Zosterops palpebrosus	R	LC
	Family- SYLVI	DAE		
276	BLYTH'S REED WARBLER	Acrocephalus dumetorum	R	LC
277	CLAMOROUS REED WARBLER	Acrocephalus stentoreus	W	LC
278	HUME'S WARBLER	Phylloscopus humei	W	LC
279	GREENISH WARBLER	Phylloscopus affinis	W	LC
280	BOOTED WARBLER	Hippolais caligata	W	LC
281	WESTERN CROWNED WARBLER	Phylloscopus occipitalis	W	LC
282	SYKES'S WARBLER	Hippolais rama	W	LC
283	COMMON TAILORBIRD	Orthotomus sutori <mark>us</mark>	R	LC
284	COMMON CHIFFCHAFF	Phylloscopus collybita	W	LC
285	SULPHUR BELLIED WARBLER	Phylloscopus gris <mark>eolus</mark>	W	LC
286	TICKELL'S LEAF WARBLER	Phylloscopus affin <mark>is</mark>	R	LC
287	ORPHEAN WARBLER	Sylvia crassirostris	W	LC
288	LESSER WHITE THROAT	Sylvia curruca	W	LC
289	TAWNY BELLIED BABBLER	Dumetia hyperythra	R	LC
290	YELLOW EYED BABBLER	Chrysomma sinense	R	LC
291	COMMON BABBLER	Turdoides caudatus	R	LC
292	LARGE GREY BABBLER	Turdoides malcolmi	R	LC
293	JUNGLE BABBLER	Turdoides striatus	R	LC
	Family- ALAUD			
294	SINGING BUSHLARK	Mirafra cantillans	R	LC
295	INDIAN BUSHKARK	Mirafra erythroptera	R	LC
296	ASHY CROWNED SPARROW LARK	Eremopterix grisea	R	LC
297	RUFOUS TAILED LARK	Ammonomanes phoenicurus	R	LC
298	GREATER SHORT TOED LARK	Calanadrella brachydactyla	R	LC
299	SYKES'S LARK	Galerida deva	R	LC
300	ORIENTAL SKYLARK	Alauda gulgula	R	LC
	Family- NECTAR			
301	THICK BILLED FLOWERPECKER	Dicaeum agile	R	LC
302	PURPLE RUMPED SUNBIRD	Nectarinia zeylonica	R	LC
		•		

303	PURPLE SUNBIRD	Nectarinia asiatica	R	LC
	Family- PASSEI	RIDAE		
304	HOUSE SPARROW	Passer domesticus	R	LC
305	CHESTNUT SHOULDERED	Petronia xanthocollis	R	LC
206	PETRONIA WHITE WAGTAIL	Madazilla	W	LC
306		Motacilla personata		
307	WHITE BROWED WAGTAIL	Motacilla maderaspatensis	R	LC
308	CITRINE WAGTAIL	Motacilla citreola	W	LC
309	YELLOW WAGTAIL	Motacilla thunbergi	W	LC
310	GREY WAGTAIL	Motacilla cinerea	W	LC
311	PADDYFIELD PIPIT	Anthus rufulus	R	LC
312	BLYTH'S PIPIT	Anthus godlewskii	W	LC
313	OLIVE-BACKED PIPIT	Anthus hodgsoni	W	LC
314	TREE PIPIT	Anthus trivialis	R	LC
315	BAYA WEAVER	Ploceus philippinus	R	LC
316	RED AVADAVAT	Amandava amandava	R	LC
317	INDIAN SILVERBILL	Lonchura malabarica	R	LC
318	SCALY BREASTED MUNIA	Lonchura punctulata	R	LC
319	WHITE RUMPED MUNIA	Lonchura striata	R	LC
320	BLACK HEADED MUNIA	Lonchura malacca	R	LC
	Family- FRINGILLIDAE			
321	COMMON ROSEFINCH	Carpodacus eryth <mark>rinus</mark>	W	LC
322	CRESTED BUNTING	Melophus lathami	R	LC
323	GREY NECKED BUNTING	Emberiza buchanani	W	LC
324	BLACK HEADED BUNTING	Emberiza melano <mark>cepha</mark> la	W	LC
325	RED HEADED BUNTING	Emberiza brunice <mark>ps</mark>	W	LC

Taxonomically classification of diversity records of birds.

LC- Least Concern, NT- Near Threaten, VU- Vulnerable ,EN- Endangered. R- Wide Spread Resident, W- Wide Spread Winter Visitors, PV- Passage Visitor, RM- Residential Migrant, BM- Breeding Migrant, V- Vagrant.

Some birds of prey that are rare for the region are recorded annually in the habitat designated for study, and some have been observed only once or twice during this period, including the Greater Spotted Eagle, Indian Spotted Eagle, Osprey, Peregrine Falcon, Amur Falcon, Eurasian Hobby, Pied Harrier, Egyptian vulture, Black Eagle and Crested Goshawk. The habitat designated for the study consisted mainly of some rare birds in forests and grassland including Yellow Legged Button Quail, Common Quail, European Roller, Stork Billed Kingfisher, Blue Cheek Bee Eater, Short Eared Owl, Orange Breasted green pigeon, southern grey shrike, Black Winged cuckoo shrike, Malabar Whistling Thrush and thick Billed flower pecker. Of the 325 bird species recorded, 115 widespread winter visitors (W), 190 widespread residents (R), 7 passage visitors (PV), 9 breeding migrants (BM) and 4 resident migrants (RM). According to IUCN's Red Data List, 14 are in the Near Threatened includes Ferruginous Duck, Painted Stork, Black-headed Ibis, Oriental Darter, Great Thick-knee, River Lapwing, Eurasian Curlew, Black-tailed Godwit, Curlew Sandpiper, River Tern, Pallid Harrier, Grey-headed Fish-eagle, Red-headed Falcon, Alexandrine Parakeet, 5 in the Vulnerable these are Common Pochard, Asian Woollyneck, Indian Skimmer, Indian Spotted Eagle, Greater Eagle, and 2 in the Endangered category includes Black-bellied Tern and Egyptian Vulture. During the bird habitat study from 2009 to 2021, 325 different bird species were recorded in 8 talukas of Yavatmal district. Visited some important habitats in other talukas for bird watching and in future all talukas in Yayatmal district are to be explored for bird diversification. The reservoirs on which most bird species are found are: Nilona Dam, Bembala Dam, Borgaon Dam, Jamwadi Dam, Waghadi Dam and Pathrad Gole. The forests where bird diversity is found include Chausala, Bahiram and Durg. The most commonly recorded grassland bird species are Echori, Bembala and Durg. Records of 325 bird species between 2009 and 2021 are very important for Yavatmal district. Many talukas are still under study and visit session is underway. But due to human-

13CR

centered development, nature's forest and reservoirs are depleting the grassland area and are on the verge of extinction. This situation still needs to change. Only then will the habitat be secure and the bird diversity and numbers increase. Today, this census has given a new identity to Yavatmal in the state. In future, new entries will increase it, so dams like Bembala Nilona and Borgaon will become bird hotspots. It is hoped that the number of bird species will increase in future.

### References

Abdulali, H. (1972), Checklist of Birds of Maharashtra. Bombay Natural History society, Mumbai.

Ali, S. The book of Indian birds. (13th Edition). Bombay Natural History Society. 2012; 239 Oxford University Press.

Bibby C.J., N.D. Burgess & D.A. Hill (1992). *Bird Census Techniques*. Academic Press, London, 67–84 pp. Daniels, R.J.R. (1997). A Field Guide to the Birds of South-Western India. New Delhi: Oxford University Press, 217pp.

Grimmett, R., C. Inskipp & T. Inskipp, *Birds of the Indian Subcontinent*. Oxford University Press, New Delhi. 2012; 528pp.

IUCN - ENVIS Center, IUCN Red List of Threatened Species. 2018; IUCN category.

Kazmierczak, K. (2000). A Field Guide to the Birds of the Indian Subcontinent. A & C Black Publishers Ltd., Pica press, 352pp.

Kazmierczak, K. A Field Guide to the Birds of the Indian Subcontinent. A & C Black Publishers Ltd., Pica press. 2012; 352pp.

Kumar, A., J.P. Sati, P.C. Tak & J.R.B. Alfred . *Handbook on Indian Wetland Birds and their Conservation*. Zoological Survey of India. 2005; 218pp.

Grewal B., Harvey B. and Pfister O.Birds of India. Periplus Editions (HK) Ltd. 2011; 512 pp

Steward R.E. Jr., (1999). Technical aspects of wetlands: Wetlands as bird habitat. United States Geologic Water Supply Paper, pp. 24-25.