# Birds of Osmanabad District of Maharashtra, India

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Pioneering study of the birds of the Deccan has been done by Davidson & Wenden (1878). Through an annotated checklist of the birds of western Maharashtra, Prasad (2003) compiled one for Solapur District which is the neighbouring area of our interest. Bharucha & Gogte (1990) studied the avian profile of a man-modified aquatic ecosystem in the backwaters of the Ujjani Dam while separate lists of birds of Solapur District are available in Rahmani (1989) and Mahabal (1989). Avian ecology of Solapur District, has been well studied, but the Marathwada region of Maharashtra has not yet been explored thoroughly. Through this paper we would like to draw attention towards the least known avifauna of the Osmanabad District.

## Study area

The study area comes under the Marathwada region of Maharashtra (Fig. 1). The forest types are semi arid biotope, open scrublands and southern tropical thorn forest (Champion & Seth 1968). It

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lies on the Deccan plateau at an average of 600m above sea level. Osmanabad District comes under the low rainfall region, with about 600mm annual precipitation.

We covered a total of 300km<sup>2</sup> area in three blocks of 10x10 km<sup>2</sup> areas at the following selected places.

(i) Yedshi grassland: This includes grassland area spread between northeast of Osmanabad City and Yedshi Town (18°15'N & 75°59'E).

(ii) Terna Lake: One of the largest dams of Osmanabad District, located 20km northwest of Osmanabad City, near Dhoki Town (18°19'N & 76°05'E).

(iii) Masla: This village is located 38km northeast from Solapur City and 20km south from Osmanabad City. Data was collected from a small wetland, agricultural area as well as from near human habitation (17<sup>0</sup>58'N & 76<sup>0</sup>05'E). We also covered the areas of adjoining villages named Dahivadi, Pangardarwadi, Savargaon, Kemwadi and Malumbra.

## Methods

Bimonthly surveys were carried out in the above mentioned selected areas from March 2007 to July 2008. The areas were surveyed using binoculars and digital cameras for proper bird records. Direct observations and species noting was made by walking on the roads, tracks, grassland and agriculture areas. The observations were carried out at different points around the large wetland. Birds were identified following Ali & Ripley (1983), Grimmett et al. (2000), and Rasmussen & Anderton (2005). The list of birds was arranged family wise following Manakadan & Pittie (2001). Current status of threatened categories was adopted from BirdLife International (2000). Habitat wise species count was carried out in four different habitats such as agriculture, wetland, grassland and near human habitation.

## Results

A total of 165 bird species were recorded during the above mentioned survey. Out of them 109 were resident birds species, 15 were local migratory, 41 species were migratory and eight species were under the threatened category. Fifty families represent the 165 bird species with Muscicapidae comprising small birds at the top,

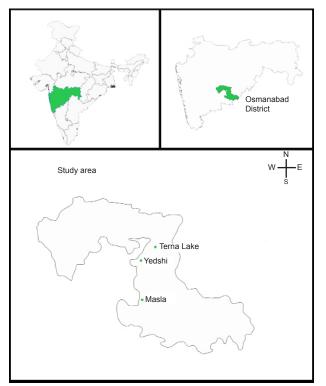


Figure 1. Study area

following Accipitridae (raptors) and Anatidae (mainly ducks), showing a healthy bird diversity in the region (Table 1). Relative commonness of a species has been given as common if species was sighted 7-8 times out

of eight visits, fairly common if sighted 4-5 times, uncommon if sighted 2-3 times and rare if sighted 0-2 times out of eight visits. It was observed that out of 165 species, 112 found were common, 11 fairly common, 31 uncommon and 11were rare (Table 2). The detailed information on the threatened birds observed during the surveys has been provided separately in Table 3.

General observations: Threatened birds such as Pallied Harrier Circus macrourus and European Roller Coracias garrulous (Image 1) were found over all the areas in winter. The Great Indian Bustard Ardeotis nigriceps, an endangered and endemic bird of India and Pakistan was also observed. Three bustards were seen feeding in a farmland area on the boundary of Kemwadi and Savargaon villages in November 2007. This area is just 8-10 km away from the Great Indian Bustard Sanctuary, Nannaj, Solapur. The sanctuary covers an area of 150km from Nannaj towards Ahmednagar District, but part of Osmanabad which is just 10km from the core area is still unprotected. A couple of nests and juveniles of ibises and storks found on large trees in Masla Village hinted at a heronry nearby (Images 2 & 3). We observed a colony of 12 nests of Little Tern Sterna albifrons within a 200m<sup>2</sup> area in the summer of 2007 at Masla Lake. It is important to note that only two confirmed breeding records of Little Tern in Maharashtra are available till

Family No. of species		Family	No. of species	Family	No. of species
Podicipedidae	1	Laridae	3	Hirundinidae	4
Phalacrocoracidae	1	Pteroclididae	2	Campephagidae	4
Anhingidae	1	Columbidae	3	Laniidae	3
Ardeidae	7	Psittacidae	cidae 1 Muscicapidae		17
Ciconiidae	3	Cuculidae	ulidae 7 Paridae		1
Threskiornithidae	3	Tytonidae	1	Motacillidae	7
Anatidae	10	Strigidae	3	Dicaeidae	1
Accipitridae	14	Caprimulgidae	1	Nectariniidae	2
Phasianidae	6	Apodidae	1	Zosteropidae	1
Turnicidae	3	Alcedinidae	2	Emberizidae	3
Rallidae	5	Meropidae	1	Estrildidae	4
Otididae	1	Coraciidae	2	Passeridae	2
Recurvirostridae	1	Upupidae	1	Sturnidae	3
Burhinidae	2	Bucerotidae	1	Oriolidae	1
Charadriidae	3	Capitonidae	1	Dicruridae	1
Scolopacidae	8	Picidae	1	Corvidae	3
Glareolidae	3	Alaudidae	5		

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Image 1. European Roller Coracias garrulous



Image 2. Painted Stork with juveniles



Image 3. Black-headed Ibis Threskiornis aethiopica

date (Ali & Ripley 1983; Bharucha & Gogte 1990).

Habitat wise seasonal changes in species count: A pie chart of habitat wise species count was prepared (Fig. 2) which indicates the use of the habitats by the

birds. The highest number of bird species was found in wetland areas following agricultural and grassland Eleven species were found using all four areas. habitats commonly. The highest number of species i.e. 130 in winter, indicates that the area provides suitable ground for many migratory birds. In summer many birds found in the afternoon, roosting near the edge of the water body to escape from the high temperatures, used to disperse into nearby areas in the evening. Juveniles and subadults of the ground nesting birds observed in winter indicate that the period of late summer and monsoons was the major breeding season. The population of some of the birds such as Blackwinged Stilt Himantopus himantopus was found high in winter, but a couple of birds observed in summer and the monsoons confirmed that some of the birds are residents. Birds such as lapwings and larks were found using wetland habitat extensively for nesting in their breeding season (Narwade et al. in press). In winter,

Table 3 Observation of the threatened birds of Osmanabad District

Species	Season	Area	Habitat	No. of birds	Activity
Great Indian Bustard Ardeotis nigriceps (EN)	Monsoon Winter	Devkuruli-Katgaon area Kemwadi-Savargaon	G A	1 3	Flying Feeding
Indian Spotted Eagle Aquila hastate (VU)	Summer	Terna	W	1	Soaring
Oriental Darter Anhinga melanogaster (NT)	Summer	Terna	W	1	Basking
Painted Stork Mycteria leucocephala (NT)	Summer Monsoon	Masla, Terna Masla, Terna	W W	45 7	Resting Feeding
Black-headed Ibis Threskiornis aethiopica (NT)	Monsoon	Terna	W	4	Feeding
Pallid Harrier Circus macrourus (NT)	Winter	Yedhsi, Masla	G G	14 4	Flying
European Roller Coracias garrulous (NT)	Winter	Masla	G/A	7	Feeding
Black-tailed Godwit Limosa limosa (NT)	Winter	Terna	W	4	Feeding

EN - Endangered; NT - Near Threatened; VU - Vulnerable; A - Agriculture; G - Grassland; W - Wetland.

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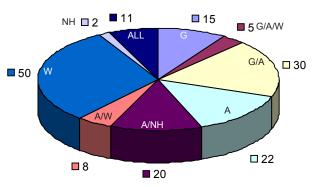


Figure 2. Number of bird species observed in various habitats

large flocks of small birds such as buntings, larks, weavers and sparrows were observed in agricultural areas. Seasonal variations observed in the species count at different habitats needs to be studied in detail for the bird conservation.

#### Discussion

The major cropping season here is during the monsoon, from July onwards and harvesting is carried out in October-November. Farmers cultivated short term crops such as Urid in monsoon followed by Jowar Sorghum vulgare as one of the major Kharif crops. Harvesting was carried out during January-February after which a large area of cropland becomes fallow due to the high temperatures and scarce water supply. This lean time was used by the people for social interactions such as weddings, which thus resulted in fewer disturbances to the wildlife. But the hunting communities got active in summer because of poor income resources which again put pressure on the wildlife. It was observed that hunters usually hunt for blackbuck, hare, quail and partridge. Rapid developmental activities are continuing to increase the crop yield, as well as, the sources for income. Factors such as use of machines in farming activities, irrigation facilities, use of fertilizers and pesticides are responsible for rapid changes in the cropping patterns throughout the area. Agricultural practices in the study area were found affecting the breeding success of ground nesting birds (Narwade et al. 2010).

Due to the developmental activities the entire habitat of this district has become vulnerable to the upcoming changes. The ambitious lake linking programmes by the Godavari Marathwada Irrigation Development Corporation (GMIDC) has been launched by the Government of Maharashtra. This may be beneficial to the farmers and wetland birds, but the existing grassland avifauna is under great threat.

The area still provides some potential habitats for the declining population of the threatened birds. It is the need of the hour to monitor these areas systematically in the rapidly changing environment with a focused study on status, distribution and conservation of the avifauna of the region. This can be achieved only through strengthening public participation in the study of status, distribution and conservation of birds of Marathwada region, Maharashtra. Once recorded as common birds of the Deccan, the Lesser Florican (EN), Black-necked Stork (NT), Red-headed Vulture (CR), White-rumped Vulture (CR), Sociable Lapwing (CR), Greater Adjutant, Lesser Adjutant (VU) were not sighted during our surveys. There is a great need to carry out proper and systematic surveys in the large geographical area of the Marathwada region of Maharashtra, India.

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A - Agriculture; G - Grassland; W - Wetland; NH - Near Human habitation; / - Sign indicates and.

# Table 2. List of birds of Osmanabad District, Maharashtra, India

	Common and scientific names	Habitat	Site name	Activity	Season	Abundance	R/LM/ M
	Podicipedidae						
1	Little Grebe Podiceps ruficollis	W	Terna	Breeding (chicks)	Monsoon	Fairly common	R
	Phalacrocoracidae						
2	Little Cormorant Phalacrocorax niger	W	Terna	Drying wings	All	Common	R
	Anhingidae						
3	Darter Anhinga melanogaster	W	Terna	Swimming	Winter	Rare	LM
	Ardeidae						
4	Grey Heron Ardea cinerea	W	Terna, Masla	Feeding	Summer	Fairly common	LM
5	Indian Pond Heron Ardeola grayii	W	Terna, Masla	Feeding	All	Common	R
6	Cattle Egret Bubulcus ibis	W/A	All areas	Feeding	All	Common	R
7	Intermediate Egret Egretta intermedia	W	Terna	Roosting	Winter	Uncommon	М
8	Great Egret Egretta alba	W	Terna	Roosting	Summer	Uncommon	LM
9	Little Egret Egretta garzetta	W	All areas	Feeding	All	Fairly common	LM
10	Purple Heron Ardea purpurea	W	Terna	Feeding	Winter	Rare	М
	Ciconiidae						
11	Painted Stork Mycteria leucocephala	W	Terna, Masla	Roosting along with Juveniles	Summer	Fairly common	R
12	Asian Openbill Anastomus oscitans	W	Terna	Feeding	Summer	Uncommon	LM
13	Woolly-necked Stork Ciconia episcopus	W/A/G	All areas	Breeding (Nest, chick), Feeding	All	Common	R
	Threskiornithidae						
14	Black-headed Ibis Threskiornis aethiopica	W/A	Terna	Feeding with a Juveniles	Summer	Uncommon	LM
15	Black Ibis Pseudibis papillosa	W/A	Masla	Feeding	Summer	Common	R
16	Eurasian Spoonbill Platalea leucorodia	W	Masla	Breeding	All	Common	R
	Anatidae						
17	Ruddy Shelduck Tadorna ferruginea	W	Terna	Swimming	Winter	Common	М
18	Northern Pintail Anas acuta	W	Terna	Swimming	Winter	Common	М
19	Common Teal Anas crecca	W	Terna	Swimming	Winter	Uncommon	М
20	Spot-billed Duck Anas poecilorhyncha	W	All wetland areas	Breeding, Feeding	All	Common	R
21	Gadwall Anas strepera	W	Terna	Swimming	Winter	Fairly common	М
22	Eurasian Wigeon Anas penelope	W	Terna	Swimming	Winter	Fairly common	М
23	Garganey Anas querquedula	W	Terna	Swimming	Winter	Common	М
24	Northern Shoveler Anas clypeata	W	Terna	Swimming	Winter	Common	М
25	Common Pochard Aythya ferina	W	Terna	Swimming	Winter	Uncommon	М
26	Comb Duck Sarkidionlis melanotos	W	Terna, Masla	Roosting	Summer	Common	LM
	Accipitridae						
27	Black-shouldered Kite Elanus caeruleus	All	All areas	Perching	All	Common	R
28	Black Kite Milvus migrans	G/W/A/ NH	All areas	Feeding, breeding	All	Common	R
29	Brahminy Kite Haliastur indus	W/A	All areas	Perching	All	Common	R
30	Shikra Accipiter badius	A/G	Masla	Perching	All	Common	R
31	White-eyed Buzzard Butastur teesa	A/G	Yedshi	Perching	All	Uncommon	R
32	Pallid Harrier Circus macrourus	A/G	Masla	Roosting	Winter	Common	М
33	Oriental Honey Buzzard Pernis ptilorhynchus	A/G	Yedshi	Perching	All	Uncommon	R

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	Common and scientific names	Habitat	Site name	Activity	Season	Abundance	R/LM/ M
34	Montagu's Harrier Circus pygargus	G	Masla	Roosting	Winter	Uncommon	м
35	Eurasian Marsh Harrier Circus aeruginosus	W/G	Terna	Feeding	Winter	Common	М
36	Crested Serpent Eagle Spilornis cheela	W	Terna	Perching	Winter	Rare	R
37	Short-toed Eagle Circaetus gallicus	G	Yedshi	Perching	Winter	Rare	R
38	Red-necked Falcon Falco chicquera	A/G	Masla	Perching	Monsoon	Common	R
39	Common Kestrel Falco tinnunculus	G	Masla	Perching	Winter	Rare	LM
40	Bonelli's Eagle Hieraaetus fasciatus	G	Masla	Perching	Monsoon	Common	R
	Phasianidae						
41	Painted Francolin Francolinus pictus	A/G	All areas	Calling, Breeding	All	Common	R
42	Grey Partridge Francolinus pondicerianus	A/G	All areas	Calling, Breeding	All	Common	R
43	Rain Quail Coturnix coromandelica	A/G	All areas	Calling	Monsoon	Common	М
44	Rock Bush Quail Perdicula argoondoh	A/G	Masla	Moving	Monsoon	Uncommon	R
45	Jungle Bush Quail Perdicula asiatica	A/G	Masla	Moving	Monsoon	Common	R
46	Indian Peafowl Pavo cristatus	A/G	All areas	Calling, Feeding	All	Common	R
	Turnicidae						
47	Barred Buttonquail Turnix suscitator	A/G	All areas	Calling	All	Common	R
48	Yellow-legged Buttonquail Turnix tanki	G	Yedshi	Moving	Monsoon	Rare	R
49	Small Buttonquail Turnix sylvaticus	G	Yedshi	Moving	Monsoon	Rare	R
	Rallidae						
50	White-breasted Waterhen Amaurornis phoenicurus	w	Masla, Terna	Feeding	All	Common	R
51	Purple Swamphen Porphyrio porphyrio	w	Terna	Feeding	Monsoon	Common	R
52	Common Moorhen Gallinula chloropus	w	Terna	Feeding	All	Uncommon	R
53	Eurasian Coot <i>Fulica atra</i>	w	Terna	Feeding	All	Common	R
54	Brown Crake Porzana akool	A/W	Masla	Moving	Monsoon	Rare	R
	Otididae						
55	Great Indian Bustard Ardeotis nigriceps	A/G	***	Flying	Monsoon	Uncommon	LM
	Recurvirostridae						
56	Black-winged Stilt Himantopus himantopus	w	Masla, Terna	Feeding	Summer, Winter	Common	R
	Burhinidae				vvintei		
57	Eurasian Thick-knee Burhinus oedicnemus	w	Masla	Feeding	Summer	Common	R
58	Eurasian Stonecurlew Burhinus oedicnemus	A/G	Masla	Feeding	Monsoon	Common	R
	Charadriidae						
59	Red-wattled Lapwing Vanellus indicus	G/W/A	All areas	Breeding (23 nests)	Summer	Common	R
60	Yellow-wattled Lapwing Vanellus malabaricus	G/W	All areas	Breeding (14 nests)	Summer	Common	LM
61	Little Ringed Plover Charadrius dubius	w	Masla, Terna	Breeding (one nest)	Summer	Common	R
	Scolopacidae						
62	Common Redshank Tringa totanus	w	Masla, Terna	Feeding	Winter	Uncommon	м
63	Spotted Redshank Tringa erythropus	w	Masla, Terna	Feeding	Winter	Common	М
64	Wood Sandpiper Tringa glareola	w	Masla	Feeding	Winter	Common	м
65	Common Sandpiper Actitis hypoleucos	w	Masla	Feeding	Winter	Common	R
66	Greater Painted Snipe Rostratula bengalensis	w	Terna	Feeding	Winter	Uncommon	R
67	Common Greenshank Tringa nebularia	w	Terna	Feeding	Winter	Uncommon	R
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	Common and scientific names	Habitat	Site name	Activity	Season	Abundance	R/LM/ M
68	Marsh Sandpiper Tringa stagnatilis	w	Terna	Feeding	Winter	Rare	м
69	Black-tailed Godwit Limosa limosa	W	Terna	Feeding	Winter	Rare	М
	Glareolidae						
70	Indian Courser Cursorius coromandelicus	G	Masla	Feeding	Monsoon	Common	LM
71	Little Stint Calidris minuta	w	Terna	Feeding	Winter	Uncommon	м
72	Small Pratincole Glareola lactea	W	Terna	Feeding	Summer	Common	R
	Laridae						
73	Indian River Tern Sterna aurantia	W	Masla	Feeding	Summer	Common	R
74	Little Tern Sterna albifrons	w	Masla	Breeding (8 nests)	Summer	Common	М
75	Whiskered Tern Chlidonias hybrida	W	Terna	Roosting	Winter	Fairly Common	М
	Pteroclididae						
76	Chestnut-bellied Sandgrouse Pterocles exustus	G	Masla	Breeding	All	Common	R
77	Painted Sandgrouse Pterocles indicus	G	Yedshi	Breeding	All	Common	R
	Columbidae						
78	Blue Rock Pigeon Columba livia	A/NH	Masla	Feeding	All	Common	R
79	Eurasian Collared Dove Streptopelia decaocto	A/NH/G	All areas	Perching	All	Common	R
80	Little Brown Dove Streptopelia senegalensis	A/NH	All areas	Feeding	All	Common	R
	Psittacidae						
81	Rose-ringed Parakeet Psittacula krameri	A	All areas	Calling	All	Common	R
	Cuculidae						
82	Pied Cuckoo Clamator jacobinus	A/NH	Masla	Perching	Monsoon	Uncommon	LM
83	Grey-bellied Cuckoo Cacomantis passerinus	A	Terna	Perching	Monsoon	Uncommon	LM
84	Common Hawk Cuckoo Hierococcyx varius	A/NH	Terna	Perching	Monsoon	Common	LM
85	Indian cuckoo Cuculus micropterus	A	Terna	Perching	Monsoon	Uncommon	LM
86	Asian Koel Eudynamys scolopacea	A/NH	All areas	Calling	All	Common	R
87	Southern Coucal Centropus sinensis	A	All areas	Feeding	All	Common	R
88	Sirkeer Malkoha Taccocua leschenaultii	A	Masla	Feeding	Summer	Rare	R
	Tytonidae						
89	Barn Owl <i>Tyto alba</i>	NH	All areas	calling	All	Common	R
	Strigidae						
90	Spotted Owlet Athene brama	A/W/NH	Masla	Perching	All	Common	R
91	Short-eared Owl Asio flammeus	A	Masla	Perching	Winter	Uncommon	М
91	Indian Eagle-owl Bubo bengalensis	W/A	Terna	Perching	All	Common	R
	Caprimulgidae						
93	Indian Nightjar Caprimulgus asiaticus	A/G	Yedshi, Terna	Calling	Winter	Common	R
	Apodidae						
94	Little Swift Apus affinis	A/NH	Yedshi	Flying	All	Common	R
	Alcedinidae						
95	Pied Kingfisher Ceryle rudis	w	Masla	Feeding	All	Common	R
	White-breasted Kingfisher Halcyon						
96	smyrnensis	A/W	All areas	Perching	All	Common	R

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	Common and scientific names	Habitat	Site name	Activity	Season	Abundance	R/LM/ M
	Meropidae						
97	Green Bee-eater Merops orientalis	A/G	All areas	Perching, calling	Winter	Common	R
	Coraciidae						
98	European Roller Coracias garrulous	A/G	Masla	Perching, calling	Winter	Common	М
99	Indian Roller Coracias benghalensis	A/G	Masla	Perching, calling	All	Common	R
	Upupidae						
100	Common Hoopoe Upupa epops	A/G	All areas	Perching, calling	Winter	Common	М
	Bucerotidae						
101	Indian Grey Hornbill Tockus birostris	A	Masla	Perching, calling	All	Common	R
	Capitonidae						
102	Coppersmith Barbet Megalaima haemacephala	A	Masla	Perching	All	Common	R
	Picidae						
103	Yellow-crowned Woodpecker Dendrocopos mahrattensis	A/G	Yedshi	Perching	All	Common	R
	Alaudidae						
104	Indian Bush Lark Mirafra erythroptera	A/G	All areas	Perching, calling	All	Common	R
105	Ashy-crowned Sparrow Lark <i>Eremopterix</i> grisea	G	All areas	Calling, Breeding	All	Common	R
106	Rufous-tailed Lark Ammomanes phoenicurus	G	All areas	Calling, Breeding	All	Common	R
107	Sykes's Lark Galerida deva	G	All areas	Calling, Breeding	All	Common	R
108	Eastern Skylark Alauda gulgula	G	Terna	sighting	All	Uncommon	R
	Hirundinidae						
109	Barn Swallow Hirundo rustica	A/NH	Masla	Near water	Winter	Common	М
110	Wire-tailed Swallow Hirundo smithii	A/W	Terna	Flying	Winter	Fairly common	R
111	Streak-throated Swallow Hirundo fluvicola	A	Masla, Terna	Flying	Winter	Fairly common	R
112	Red-rumped Swallow Hirundo daurica	A/G	Masla	Perching	All	Common	R
	Campephagidae						
113	Common Woodshrike <i>Tephrodornis</i> pondicerianus	А	Terna	Perching	Winter	Uncommon	R
114	Common lora Aegithina tiphia	A	Masla	Calling	All	Common	R
115	Red-vented Bulbul Pycnonotus cafer	A/W/G/ NH	Masla, Terna	Perching	All	Common	R
116	Red-whiskered Bulbul Pycnonotus jocosus	A/W	Terna	Perching	All	Uncommon	R
	Laniidae						
117	Southern Grey Shrike Lanius meridionalis	A/G	Masla	Perching	All	Common	R
118	Bay-backed Shrike Lanius vittatus	A/G	Masla	Perching	All	Uncommon	R
119	Long-tailed Shrike Lanius schach	A/G	Masla	Calling	Winter	Common	R
	Muscicapidae						
120	Oriental Magpie-Robin Copsychus saularis	W/NH	Terna	Feeding	All	Common	R
121	Black Redstart Phoenicurus ochruros rufiventris	A	Terna	Bathing	Winter	Common	М
122	Common Stonechat Saxicola torquata	A	Masla, Terna	Perching	Winter	Common	М
123	Pied Bushchat Saxicola caprata	A	Masla, Terna	Perching	All	Common	R
124	Indian Robin Saxicoloides fulicata	A/G/NH	Masla, Terna	Breeding	All	Common	R
125	Bluethroat Luscinia s. svecica	A/W/NH	Masla	Perching	Winter	Common	М
126	Small Minivet Pericrocotus cinnamomeus	A/NH	Masla	Feeding	All	Common	R

## S. Narwade & M.M. Fartade

	Common and scientific names	Habitat	Site name	Activity	Season	Abundance	R/LM/ M
127	Large Grey Babbler Turdoides malcolmi	A/NH	All areas	Calling, breeding	All	Common	R
128	Yellow-eyed Babbler Chrysoma sinense	A	Terna, Masla	Feeding	All	Common	R
129	Zitting Cisticola Cisticola juncidis	G	Masla	Perching	Winter	Fairly Common	R
130	Blue Rockthrush Monticola solitarius	G	Masla	Perching	Winter	Uncommon	М
131	Plain Prinia <i>Prinia subflava</i>	A/NH	Masla	Calling	All	Common	R
132	Ashy Prinia <i>Prinia socialis</i>	A/NH	Masla	Breeding	All	Common	R
133	Grey-breasted Prinia Prinia hodgsonii	A/NH	Masla	Calling	All	Common	R
134	Jungle Prinia Prinia sylvatica	A	Masla	On ground	All	Uncommon	R
135	Common Tailorbird Orthotomus sutorius	A/NH	Masla	Calling	All	Common	R
136	Lesser Whitethroat Sylvia curruca	A	Terna	Water Bath	Winter	Uncommon	М
	Paridae						
137	Great Tit Parus major	A/NH	Masla	Feeding	Winter	Common	R
	Motacillidae						
138	Yellow-headed Wagtail Motacilla citreola	w	Terna	Feeding	Winter	Common	М
139	Yellow Wagtail Motacilla flava	A/W	Terna	Feeding	Winter	Common	М
140	Grey Wagtail Motacilla cinerea	w	Terna	Feeding	Winter	Uncommon	М
141	White Wagtail Motacilla alba	w	Terna	Feeding	Winter	Common	М
143	White-browed Wagtail Motacilla maderaspatensis	w	Masla, Terna	Feeding	All	Common	R
143	Tree Pipit Anthus trivialis	W	Terna	Perching	Winter	Common	М
144	Paddyfield Pipit Anthus rufulus	w	Masla, Terna	Feeding	All	Common	R
	Dicaeidae						
145	Pale-billed Flowerpecker Dicaeum erythrorhynchos	A	Masla	Perching	All	Uncommon	R
	Nectariniidae						
146	Purple Sunbird Nectarinia asiatica	A	Masla, Terna	Feeding	All	Common	R
147	Purple-rumped Sunbird Nectarinia zeylonica	A	Masla, Terna	Feeding	All	Common	R
	Zosteropidae						
148	Oriental White-eye Zosterops palbebrosa	A	Masla, Terna	Feeding	Winter	Uncommon	R
	Emberizidae						
149	Red-headed Bunting Emberiza bruniceps	A/G	Masla	Perching	Winter	Uncommon	М
150	Grey-necked Bunting Emberiza buchanani	A/G	Masla	Feeding	Winter	Common	М
151	Black-headed Bunting Emberiza melanocephala	A/G	Terna	Perching	Winter	Common	М
	Estrildidae						
152	Indian Silverbill Lonchura malabarica	A/G	Masla, Terna	Feeding	Winter	Common	R
153	Red Avadavat Amandava amandva	A	Masla, Terna	Feeding	All	Common	R
154	Black-headed Munia Lonchura malacca	A	Masla, Terna	Feeding	Winter	Common	R
155	Scaly-breasted Munia Lonchura punctulata	A	Masla, Terna	Feeding	All	Common	R
	Passeridae						
156	House Sparrow Passer domesticus	A/NH	All areas	Breeding	All	Common	R
157	Baya Weaver Ploceus philippinus	A/W	All areas	Breeding	Monsoon	Common	R
	Sturnidae						
158	Rosy Starling Sturnus roseus	A/G	Masla	Feeding	Winter	Common	М
159	Brahminy Myna Sturnus pagodarum	A/NH	Masla, Terna	Feeding	All	Common	R
	Common Myna Acridotheres tristis	A/NH	All areas	Feeding	All	Common	R

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	Common and scientific names	Habitat	Site name	Activity	Season	Abundance	R/LM/ M
	Oriolidae						
161	Eurasian Golden Oriole Oriolus oriolus	A/NH	Terna	Perching	Winter	Fairly Common	R
	Dicruridae						
162	Black Drongo Dicrurus adsimilis	A/G	Masla	Feeding	Summer	Common	R
	Corvidae						
163	House Crow Corvus splendens	NH	Terna, Masla	Feeding	All	Common	R
164	Long-billed Crow Corvus macrorhynchos	A/NH	Terna	Calling	All	Common	R
165	Rufous Treepie Dendrocitta vagabunda	A	Terna	Calling	All	Common	R

A - Agriculture; G - Grassland; W - Wetland; NH - Near human habitation

Note - Breeding activity includes records such as display by male birds, nest, hatchlings, chicks and juveniles.

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