

Short communication

A CHECKLIST OF THE AVIAN SPECIES OF SAIDPUR UPAZILA OF BANGLADESH

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ABSTRACT

To understand birds' behaviour besides the residence more or less dominant as a whole. Bangalipur union of Saidpur is composed of many medium-sized trees with bushes that are a good shelter for those birds. This survey was carried out from 2019 to 2021. Quantitative, qualitative, and survey methods were carried out for this study. A total of 73 bird species of 39 families were identified, where 33 were very common, 18 common, 8 uncommon, 9 rare, and 5 few. In addition, the behaviour of birds found with winter visitors (7 species), summer visitors (3), local migrants (2), and residents (61). In the Ardeidae family, there was the highest number of birds (6 species) and then Cuculidae (5 species). The species richness of birds in the cantonment (protected) area revealed that it is safe for all resident birds.

1. INTRODUCTION

Bangladesh sustains diverse avian composition compared to its small land area (Khan, 1982; Sarker & Sarker 1988; Khan, 2008; Siddiqui *et al.*, 2008). Siddiqui *et al.* (2008) detected more than 650 bird species (Siddiqui *et al.*, 2008). As a cantonment, Saidpur upazila under the Nilphamari district of Bangladesh is a notably protected bird habitat in the country. This cantonment has a vast area with many long trees, and it has a Cantonment Public School and College with two teachers' quarters which have many bird species (Kabir, 2012; Kabir *et al.*, 2020). There is not enough data on the birds of cantonment areas of Bangladesh. This paper provides the list of all the birds observed during the present study period in the Bangalipur union of Saidpur upazila.

Study area and Ecological features

Bangalipur union under the Nilphamari district of Bangladesh ranges 41.44 square kilometres and has a population of 21,379 (Figure 1). Saidpur Cantonment is nearby this study area and covers ponds, crop fields, grass, and fallow lands.

During observation of the study period, birds consumed nectar, pulp, and ripe fruits of many local and exotic plant species. Since the cantonment is protected, many birds (eg. open-billed stork, Indian pied myna, house crow, and little egret) could play successful breeding performances. Trees, scrub forests, undergrowth, and water bodies constitute unique habitats for the birds in the cantonment area. The profound habitat for the birds in this area is Cantonment Public School and College, EME Centre and School, Bangladesh Army University of Science and Technology (BAUST), and Saidpur upazila.

2. MATERIALS AND METHODS

The present checklist focused on long-time fieldwork from 2019 to 2021 from early in the morning (5:00-8:00 hr) and evening (16:00-18:00 hr). During the observations, walk through the existing roads and trails of the crop fields, and sometimes their singing and call helped for proper identification. Vixen binoculars (palm-sized compact binoculars) (6X18) and field-guides (Ali & Ripley, 1983; Grimmitt *et al.*, 2001) helped in the field for identification of the recorded birds. Photographs from

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a digital camera (600D) assisted in a clear conception of the same type of different species of this area.

The relative frequency of the presence of the species assessed as very common (VC), seen during 80-100% of the field visits; common (C): 50-79% of the field visits; uncommon (UC): 20-49% of the field visit; few (F): met less than 19% and rare (R): found occasionally (Khan, 1982). Scientific and common names followed the IUCN Bangladesh 2015. All species have shown into residents, winter visitors, summer visitors, and local migrants (Table 1).

3. RESULTS AND DISCUSSION

Seventy-three species of birds representing 39 families were observed from the Bangalipur upazila of Saidpur from 2019 to 2021, of which 41 (56.16%) species were non-passerine and 32(43.84%) passerine (Table 1). Resident birds (83.56%) constituted the dominant avifaunal composition in the area, and local migrants (2.74%) were the lowest (Figure 2). Very common and few were the highest (45.21%) and the lowest (6.85%) composition accordingly (Figure 3). Among 73 species, *Pelargopsis capensis*, *Ceryle rudis*, *Butorides striata*, *Terpsiphone paradisi*, *Rhipidura albicollis*, *Upupa epops*, *Micropternus brachyurus*, *Coracina melanoptera*, and *Phoenicurus ochruros* were rare birds of this union. These birds were residents, and only *Upupa epops* and *Phoenicurus ochruros* were winter visitors, and *Coracina melanoptera* was a summer visitor. This union was a natural breeding ground for many bird species especially open-billed stork, Indian pied myna, house crow, and little egret. The breeding ecology and habits of these species were little known, and the population is also declining due to urbanization.

Though the Bangalipur union is a small area its birdlife is quite rich and diverse with 73 species. Many conservation programs especially 'Setubondhon' play a significant role in these birds. Kabir (2012) enlisted 14 species in the cantonment area and its teachers' quarters-2 of the Cantonment Public School and College showed 30 species of birds (Kabir et al., 2020). This study denotes 42 new species of birds than the previous works. This Bangalipur union was in the cantonment area so 18 species of birds were identified previously. Only one species of bird fork-tailed drongo (*Dicrurus adsimilis*) was misidentified due to the more or less the same appearance as the black drongo (*Dicrurus macrocercus*)

(Table 2). From the last study (Kabir et al., 2020) the birds were 30 (though those places were limited) but comparatively at present 73 species around this area are of course remarkable. This list will influence the reconfirmation and new identification of available bird species in this area by other researchers.

4. CONCLUSION

In conclusion, the study reveals a diverse bird species composition in the Bangalipur union of Saidpur, with 73 species identified. The area's vegetation, including medium-sized trees and bushes, provides suitable habitats for birds. The presence of winter and summer visitors, along with resident species, highlights the area's importance for bird conservation. The protected cantonment area plays a crucial role in supporting the richness of resident bird species.

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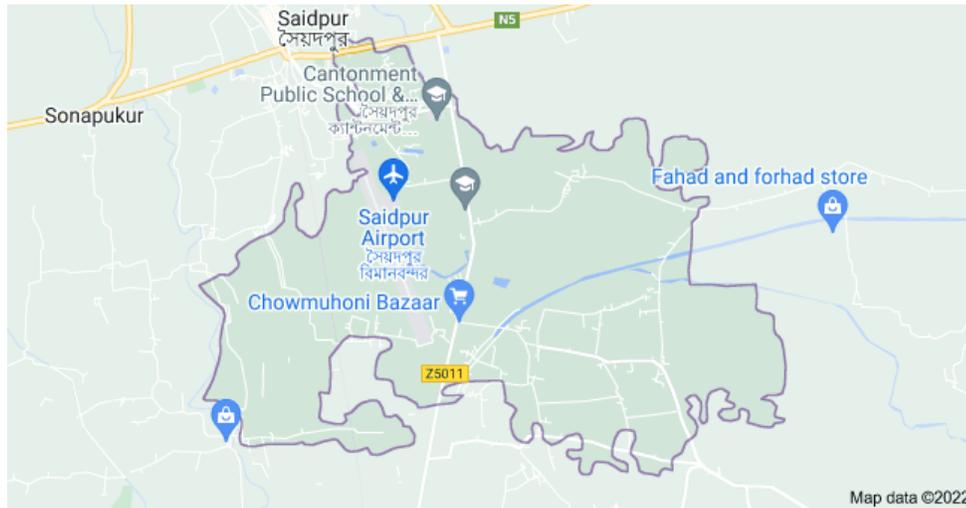


Figure 1. Map of Bangalipur union of Saidpur upazila

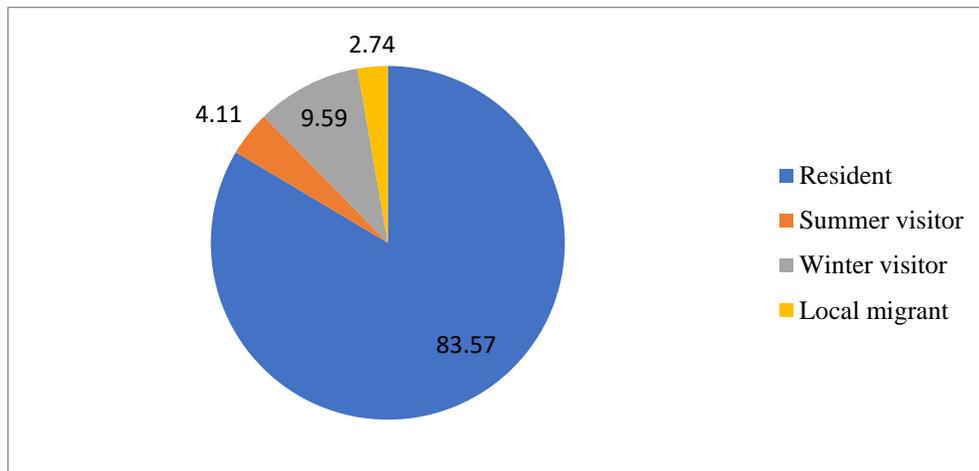


Figure 2. Union status of the birds in Bangalipur, Saidpur

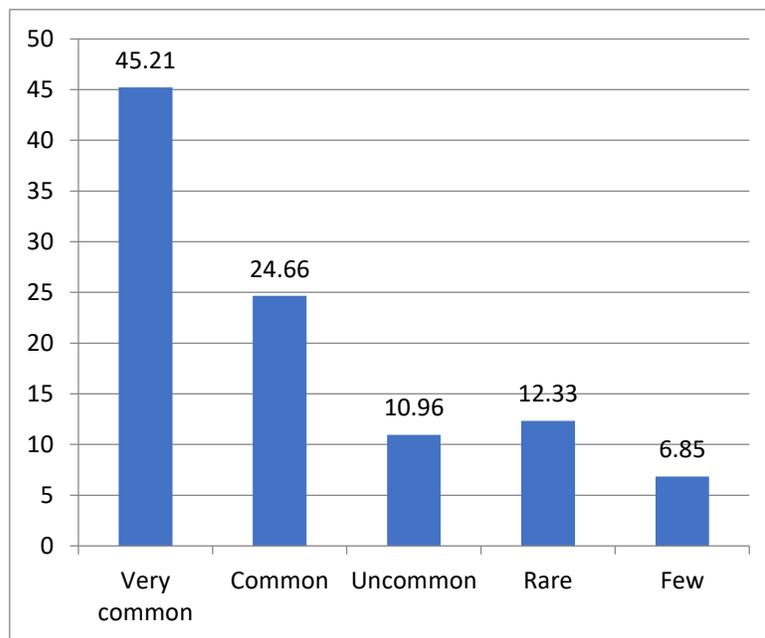


Figure 3. Relative frequency of the presence of the birds in Bangalipur

Table 1. Observed bird species in Bangalipur union of Saidpur, Bangladesh

Sl	Names	Saidpur status	Country Status
	Cuculidae		
1	Asian koel (<i>Eudynamys scolopaceus</i>)	F	Local migrant
2	Pied crested cuckoo (<i>Clamator jacobinus</i>)	F	Summer visitor
3	Indian cuckoo (<i>Cuculus micropterus</i>)	C	Summer visitor
4	Common hawk-cuckoo (<i>Hierococcyx varius</i>)	C	Resident
5	Greater coucal (<i>Centropus sinensis</i>)	VC	Resident
	Alcedinidae		
6	White-throated kingfisher (<i>Halcyon smyrnensis</i>)	VC	Resident
7	Common kingfisher (<i>Alcedo atthis</i>)	VC	Resident
8	Storkbilled kingfisher (<i>Pelargopsis capensis</i>)	R	Resident
9	Pied kingfisher (<i>Ceryle rudis</i>)	R	Resident
	Meropidae		
10	Green bee-eater (<i>Merops orientalis</i>)	C	Resident
11	Blue-tailed bee-eater (<i>Merops philippinus</i>)	C	Local migrant
	Motacillidae		
12	White Wagtail (<i>Motacilla alba</i>)	C	Winter visitor
	Nectariniidae		
13	Purple sunbird (<i>Cinnyris asiaticus</i>)	C	Resident
14	Purple-rumped sunbird (<i>Leptocoma zeylonica</i>)	UC	Resident
	Ciconiidae		
15	Asian openbill stork (<i>Anastomus oscitans</i>)	VC	Resident
	Ardeidae		

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16	Indian pond heron (<i>Ardeola grayii</i>)	VC	Resident
17	Striated heron (<i>Butorides striata</i>)	R	Resident
18	Cinnamon bittern (<i>Ixobrychus cinnamomeus</i>)	C	Resident
19	Little egret (<i>Egretta garzetta</i>)	VC	Resident
20	Cattle egret (<i>Bubulcus ibis</i>)	VC	Resident
21	Black-crowned night heron (<i>Nycticorax nycticorax</i>)	VC	Resident
	Pycnonotidae		
22	Red-vented Bulbul (<i>Pycnonotus cafer</i>)	VC	Resident
23	Red-whiskered Bulbul (<i>Pycnonotus jacosus</i>)	UC	Resident
	Monarchidae		
24	Indian paradise flycatcher (<i>Terpsiphone paradisi</i>)	R	Resident
	Oriolidae		
25	Black-hooded Oriole (<i>Oriolus xanthornus</i>)	VC	Resident
	Cisticolidae		
26	Common tailorbird (<i>Orthotomus sutorius</i>)	VC	Resident
	Paridae		
27	Great tit (<i>Parus major</i>)	C	Resident
	Passeridae		
28	House sparrow (<i>Passer domesticus</i>)	VC	Resident
29	Eurasian tree sparrow (<i>Passer montanus</i>)	VC	Resident
30	Weaver bird (<i>Ploceus philippinus</i>)	C	Resident
	Psittaculidae		
31	Rose-ringed parakeet (<i>Psittacula krameri</i>)	VC	Resident
	Columbidae		
32	Blue rock-pigeon (<i>Columba livia</i>)	VC	Resident
33	Spotted dove (<i>Spilopelia chinensis</i>)	VC	Resident
34	Eurasian collared dove (<i>Streptopelia decaocto</i>)	F	Resident
	Rhipiduridae		
35	White-throated fantail flycatcher (<i>Rhipidura albicollis</i>)	R	Resident
	Sturnidae		
36	Common myna (<i>Acridotheres tristis</i>)	C	Resident
37	Jungle myna (<i>Acridotheres fuscus</i>)	UC	Resident
38	Grey-headed myna (<i>Sturnia malabarica</i>)	VC	Resident
39	Pied myna (<i>Gracupica contra</i>)	VC	Resident
	Leiothrichidae		
40	Jungle babbler (<i>Turdoides striata</i>)	VC	Resident
	Upupidae		
41	Hoopoe (<i>Upupa epops</i>)	R	Winter visitor
	Picidae		
42	Black-rumped flameback woodpecker (<i>Dinopium benghalense</i>)	VC	Resident
43	Rufous woodpecker (<i>Micropternus brachyurus</i>)	R	Resident
44	Fulvous-breasted woodpecker (<i>Dendrocopos macei</i>)	VC	Resident
45	Streak-throated woodpecker (<i>Picus xanthopygaeus</i>)	C	Resident
	Megalaimidae		
46	Blue-throated barbet (<i>Megalaima asiatica</i>)	VC	Resident
47	Coppersmith barbet (<i>Megalaima haemacephala</i>)	VC	Resident
	Apodidae		

48	House swift (<i>Apus nipalensis</i>)	VC	Resident
49	Asian palm swift (<i>Cypsiurus balasiensis</i>)	C	Resident
	Hirundinidae		
50	Barn swallow (<i>Hirundo rustica</i>)	VC	Resident
	Rallidae		
51	White-breasted waterhen (<i>Amaurornis phoenicurus</i>)	VC	Resident
	Anatidae		
52	Lesser whistling duck (<i>Dendrocygna javanica</i>)	F	Resident
	Accipitridae		
53	Black kite (<i>Milvus migrans</i>)	VC	Resident
54	Black-shouldered kite (<i>Elanus caeruleus</i>)	C	Resident
	Falconidae		
55	Common kestrel (<i>Falco tinnunculus</i>)	C	Winter visitor
	Phalacrocoracidae		
56	Little cormorant (<i>Phalacrocorax niger</i>)	VC	Resident
	Scolopacidae		
57	Common sandpiper (<i>Actitis hypoleucos</i>)	UC	Winter visitor
	Rostratulidae		
58	Greater painted snipe (<i>Rostratula benghalensis</i>)	F	Resident
	Laniidae		
59	Brown shrike (<i>Lanius cristatus</i>)	VC	Winter visitor
60	Long-tailed shrike (<i>Lanius schach</i>)	C	Resident
	Aegithinidae		
61	Common iora (<i>Aegithinia tiphia</i>)	UC	Resident
	Campephagidae		
62	Black-headed cuckoo-shrike (<i>Coracina melanoptera</i>)	R	Summer visitor
	Corvidae		
63	House crow (<i>Corvus splendens</i>)	VC	Resident
64	Eastern jungle crow (<i>Corvus leuallantii</i>)	C	Resident
65	Rufous treepie (<i>Dendrocitta vagabunda</i>)	VC	Resident
	Dicruridae		
66	Black drongo (<i>Dicrurus macrocercus</i>)	VC	Resident
	Muscicapidae		
67	Black Redstart (<i>Phoenicurus ochruros</i>)	R	Winter visitor
68	Red-throated flycatcher (<i>Ficedula albicilla</i>)	C	Winter visitor
69	Oriental magpie-robin (<i>Copsychus saularis</i>)	UC	Resident
	Estrildidae		
70	Scaly-breasted munia (<i>Lonchura punctulata</i>)	UC	Resident
71	Indian silverbill (<i>Euodice malabarica</i>)	UC	Resident
	Strigidae		
72	Spotted owlet (<i>Athene brama</i>)	VC	Resident
	Tytonidae		
73	Barn owl (<i>Tyto alba</i>)	C	Resident

VC-very common; C-common; UC-uncommon; F-few; R-rare

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Table 2. Bird species of earlier checklists which are not included in the present list

Sl	Family	Names	Source	Remarks
1	Cuculidae	Asian koel (<i>Eudynamys scolopaceus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
2	Cuculidae	Pied crested cuckoo (<i>Clamator jacobinus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
3	Cuculidae	Indian cuckoo (<i>Cuculus micropterus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
4	Cuculidae	Common hawk-cuckoo (<i>Hierococcyx varius</i>)	Kabir, 2012	Mentioned this species previously
5	Cuculidae	Greater coucal (<i>Centropus sinensis</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
6	Alcedinidae	White-throated kingfisher (<i>Halcyon smyrnensis</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
7	Alcedinidae	Common kingfisher (<i>Alcedo atthis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
8	Alcedinidae	Storkbilled kingfisher (<i>Pelargopsis capensis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
9	Alcedinidae	Pied kingfisher (<i>Ceryle rudis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
10	Meropidae	Green bee-eater (<i>Merops orientalis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
11	Meropidae	Blue-tailed bee-eater (<i>Merops philippinus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
12	Motacillidae	White Wagtail (<i>Motacilla alba</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
13	Nectariniidae	Purple sunbird (<i>Cinnyris asiaticus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
14	Nectariniidae	Purple-rumped sunbird (<i>Leptocoma zeylonica</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
15	Ciconiidae	Asian openbill stork (<i>Anastomus oscitans</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
16	Ardeidae	Indian pond heron (<i>Ardeola grayii</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
17	Ardeidae	Striated heron (<i>Butorides striata</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period

18	Ardeidae	Cinnamon bittern (<i>Ixobrychus cinnamomeus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
19	Ardeidae	Little egret (<i>Egretta garzetta</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
20	Ardeidae	Cattle egret (<i>Bubulcus ibis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
21	Ardeidae	Black-crowned night heron (<i>Nycticorax nycticorax</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
22	Pycnonotidae	Red-vented Bulbul (<i>Pycnonotus cafer</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
23	Pycnonotidae	Red-whiskered Bulbul (<i>Pycnonotus jacosus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
24	Monarchidae	Indian paradise flycatcher (<i>Terpsiphone paradisi</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
25	Oriolidae	Black-hooded Oriole (<i>Oriolus xanthornus</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
26	Cisticolidae	Common tailorbird (<i>Orthotomus sutorius</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
27	Paridae	Great tit (<i>Parus major</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
28	Passeridae	House sparrow (<i>Passer domesticus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
29	Passeridae	Eurasian tree sparrow (<i>Passer montanus</i>)	Kabir <i>et al.</i> , 2020	Mentioned this species previously
30	Passeridae	Weaver bird (<i>Ploceus philippinus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously Not observed during the study period
31	Psittaculidae	Rose-ringed parakeet (<i>Psittacula krameri</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
32	Columbidae	Blue rock-pigeon (<i>Columba livia</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
33	Columbidae	Spotted dove (<i>Spilopelia chinensis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
34	Columbidae	Eurasian collared dove (<i>Streptopelia decaocto</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
35	Rhipiduridae	White-throated fantail flycatcher (<i>Rhipidura albicollis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period

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36	Sturnidae	Common myna (<i>Acridotheres tristis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
37	Sturnidae	Jungle myna (<i>Acridotheres fuscus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period Mentioned this species previously
38	Sturnidae	Grey-headed myna (<i>Sturnia malabarica</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
39	Sturnidae	Pied myna (<i>Gracupica contra</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
40	Leiothrichidae	Jungle babbler (<i>Turdoides striata</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed this species previously Mentioned this species previously
41	Upupidae	Hoopoe (<i>Upupa epops</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
42	Picidae	Black-rumped flameback woodpecker (<i>Dinopium benghalense</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed this species previously Mentioned this species previously
43	Picidae	Rufous woodpecker (<i>Micropternus brachyurus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
44	Picidae	Fulvous-breasted woodpecker (<i>Dendrocopos macei</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
45	Picidae	Streak-throated woodpecker (<i>Picus xanthopygaeus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed this species previously Mentioned this species previously
46	Megalaimidae	Blue-throated barbet (<i>Megalaima asiatica</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed this species previously Mentioned this species previously
47	Megalaimidae	Coppersmith barbet (<i>Megalaima haemacephala</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously Not observed this species previously
48	Apodidae	House swift (<i>Apus nipalensis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
49	Apodidae	Asian palm swift (<i>Cypsiurus balasiensis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
50	Hirundinidae	Barn swallow (<i>Hirundo rustica</i>)	Kabir, 2012;	Not observed during the study period

			Kabir <i>et al.</i> , 2020	
51	Rallidae	White-breasted waterhen (<i>Amaurornis phoenicurus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period Mentioned this species previously
52	Anatidae	Lesser whistling duck (<i>Dendrocygna javanica</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
53	Accipitridae	Black kite (<i>Milvus migrans</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
54	Accipitridae	Black-shouldered kite (<i>Elanus caeruleus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
55	Falconidae	Common kestrel (<i>Falco tinnunculus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
56	Phalacrocoracidae	Little cormorant (<i>Phalacrocorax niger</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
57	Scolopacidae	Common sandpiper (<i>Actitis hypoleucos</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
58	Rostratulidae	Greater painted snipe (<i>Rostratula benghalensis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
59	Laniidae	Brown shrike (<i>Lanius cristatus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period Mentioned this species previously
60	Laniidae	Long-tailed shrike (<i>Lanius schach</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously Not observed during the study period
61	Aegithinidae	Common iora (<i>Aegithinia tiphia</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period Mentioned this species previously
62	Campephagidae	Black-headed cuckoo-shrike (<i>Coracina melanoptera</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
63	Corvidae	House crow (<i>Corvus splendens</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
64	Corvidae	Eastern jungle crow (<i>Corvus leuallantii</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period Mentioned this species previously

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65	Corvidae	Rufous treepie (<i>Dendrocitta vagabunda</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
66	Dicruridae	Black drongo (<i>Dicrurus macrocercus</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Possibly misidentification with black drongo Mentioned this species previously
67	Muscicapidae	Black Redstart (<i>Phoenicurus ochruros</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
68	Muscicapidae	Red-throated flycatcher (<i>Ficedula albicilla</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
69	Muscicapidae	Oriental magpie-robin (<i>Copsychus saularis</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Mentioned this species previously
70	Estrildidae	Scaly-breasted munia (<i>Lonchura punctulata</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period Mentioned this species previously
71	Estrildidae	Indian silverbill (<i>Euodice malabarica</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
72	Strigidae	Spotted owlet (<i>Athene brama</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period
73	Tytonidae	Barn owl (<i>Tyto alba</i>)	Kabir, 2012; Kabir <i>et al.</i> , 2020	Not observed during the study period