

Appendix 1. List of observed Avifauna in the study area (Kaliganj, Jhenaidah) during the study period. (Note: RA- Relative abundance; KJ: Kaligonj, BB: Barobazar, M: Maliat, All- All areas; OS- Observation Status; F- Few, UC- Uncommon, C-Common, VC- Very Common; Se- Season, A- Year-round, S- Summer, W-Winter, R- Rainy; MH- Microhabitat, MF- Mudflat, GL-Grassland, RS- Road-side area, WB- Water body, AG- Agricultural land, HF Homestead Forest).

Scientific Name	RA	Site	MH	OS	Se	Scientific Name	RA	Site	MH	OS	Se
<i>Spilopelia chinensis</i>	4.27	All	AG, HF	VC	A	<i>Ixobrychus sinensis</i>	0.31	BB,M	WB	C	A
<i>Dicrurus macrocercus</i>	4.13	All	AG, HF	VC	A	<i>Tephrodornis pondicerianus</i>	0.31	All	HF	UC	S,W
<i>Bubulcus ibis</i>	3.32	All	GL,WB	VC	A	<i>Elanus caeruleus</i>	0.29	All	AG, HF	VC	A
<i>Corvus splendens</i>	3.06	All	HF	VC	A	<i>Nettapus coromandelianus</i>	0.29	BB, M	WB	UC	R, W
<i>Turdoides striata</i>	3.03	All	HF	VC	A	<i>Prinia inornata</i>	0.28	All	GL	C	A
<i>Acridotheres fuscus</i>	2.69	All	AG, GL, HF	VC	A	<i>Motacilla flava</i>	0.26	All	MF	UC	W
<i>Sturnus contra</i>	2.62	All	AG, HF, GL, WB, RS	VC	A	<i>Dicaeum erythrorhynchos</i>	0.24	All	HF	C	S,W
<i>Passer domesticus</i>	2.53	All	AG, HF, RS	VC	A	<i>Phylloscopus fuscatus</i>	0.24	All	HF	UC	W
<i>Pycnonotus cafer</i>	2.48	All	HF, AG, FL	VC	A	<i>Rhipidura albicollis</i>	0.24	All	HF	C	A
<i>Dendrocygna javanica</i>	2.46	All	WB	VC	A	<i>Amaurornis phoenicurus</i>	0.23	All	WB	C	A
<i>Ardeola grayii</i>	2.19	All	MF, WB	VC	A	<i>Coracina melanoptera</i>	0.23	All	HF	UC	W
<i>Acridotheres tristis</i>	2.17	All	AG, HF, RS	VC	A	<i>Merops leschenaulti</i>	0.23	BB,M	HF	F	W
<i>Columba livia</i>	2.12	All	AG, GL, HF	VC	A	<i>Cacomantis merulinus</i>	0.21	BB,M	HF	UC	A
<i>Zosterops palpebrosus</i>	2.12	All	HF	VC	A	<i>Charadrius alexandrinus</i>	0.19	BB	MF	F	W
<i>Apus nipalensis</i>	2.02	All	HF, RS	VC	A	<i>Motacilla citreola</i>	0.19	All	MF, WB	UC	W
<i>Lonchura punctulata</i>	1.88	All	AG, GL, HF	VC	A	<i>Calidris minuta</i>	0.18	BB,M	MF	F	W
<i>Copsychus saularis</i>	1.83	All	GL, HF	VC	A	<i>Haliastur indus</i>	0.18	All	AG, HF	UC	A
<i>Merops orientalis</i>	1.83	All	HF	VC	A	<i>Lanius cristatus</i>	0.18	All	HF	UC	R
<i>Treron phoenicopterus</i>	1.57	All	HF	C	A	<i>Actitis hypoleucos</i>	0.16	BB,M	MF, WB	F	W
<i>Cypsiurus balasiensis</i>	1.54	All	HF	VC	A	<i>Malacocincla abbotti</i>	0.16	BB,M	HF	UC	W, R
<i>Pericrocotus cinnamomeus</i>	1.54	All	HF	C	A	<i>Ninox scutulata</i>	0.16	All	HF	C	S,W
<i>Hirundo rustica</i>	1.47	All	WB	UC	A	<i>Psittacula cyanocephala</i>	0.16	BB,M	HF	UC	A
<i>Microcarbo niger</i>	1.42	All	HF, WB	VC	A	<i>Tringa glareola</i>	0.16	All	MF	UC	W
<i>Egretta garzetta</i>	1.33	All	MF, WB	C	A	<i>Falco tinnunculus</i>	0.15	All	AG, GL, RS	C	A

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<i>Tachybaptus ruficollis</i>	1.30	BB, M	WB	UC	A	<i>Micropternus brachyurus</i>	0.15	KJ, M	HF	F	S,W
<i>Sturnus malabaricus</i>	1.21	All	HF	VC	A	<i>Butorides striata</i>	0.13	BB,M	MF	F	W
<i>Vanellus indicus</i>	1.21	All	AG, GL	VC	A	<i>Ficedula albicilla</i>	0.13	All	HF	UC	R,W
<i>Acridotheres ginginianus</i>	1.20	All	AG, RS, WB	VC	A	<i>Mirafra assamica</i>	0.13	BB, M	GL, HF	UC	A
<i>Psittacula krameri</i>	1.08	All	HF	VC	A	<i>Saxicola torquatus</i>	0.13	BB,M	GL	F	W
<i>Artamus fuscus</i>	0.97	All	AG, HF, RS	C	A	<i>Centropus bengalensis</i>	0.11	BB,M	HF	UC	S,W
<i>Milvus migrans</i>	0.97	BB, KJ	AG, RS	UC	A	<i>Cuculus micropterus</i>	0.11	BB,M	HF	F	S
<i>Orthotomus sutorius</i>	0.97	All	HF	VC	A	<i>Larus brunnicephalus</i>	0.11	BB,M	WB	F	W
<i>Lonchura malabarica</i>	0.94	All	AG, GL, HF	VC	A	<i>Pluvialis fulva</i>	0.11	BB	MF	F	W
<i>Ardea alba</i>	0.91	BB, M	WB	C	A	<i>Terpsiphone paradisi</i>	0.11	All	HF	UC	A
<i>Nectarinia zeylonica</i>	0.89	All	HF	VC	A	<i>Buteo rufinus</i>	0.10	BB,M	GL, WB	F	W
<i>Aegithina tiphia</i>	0.86	All	HF	VC	A	<i>Picus xanthopygaeus</i>	0.10	BB,M	HF	F	S,W
<i>Ploceus philippinus</i>	0.86	All	GL, HF	VC	A	<i>Ploceus benghalensis</i>	0.10	M	GL	F	W
<i>Dinopium benghalense</i>	0.84	All	HF	VC	A	<i>Tephrodornis gularis</i>	0.10	BB	GL	F	W
<i>Corvus leuillanti</i>	0.83	All	AG, HF	VC	A	<i>Accipiter badius</i>	0.08	BB,M	AG, HF, WB	UC	S,W
<i>Oriolus xanthornus</i>	0.83	All	HF	VC	A	<i>Ketupa zeylonensis</i>	0.08	M	HF	F	W, R
<i>Nectarinia asiatica</i>	0.81	All	HF	VC	A	<i>Mareca strepera</i>	0.08	BB	WB	F	W
<i>Lonchura striata</i>	0.79	All	AG, GL, HF	C	A	<i>Motacilla cinerea</i>	0.08	KJ, M	MF	F	W
<i>Motacilla alba</i>	0.79	All	MF	UC	W	<i>Tringa ochropus</i>	0.08	BB, M	MF	F	W
<i>Streptopelia decaocto</i>	0.76	All	GL, HF	VC	A	<i>Turdoides earlei</i>	0.08	BB,M	AG	F	W
<i>Hypothymis azurea</i>	0.74	All	HF	VC	A	<i>Tyto alba</i>	0.08	M	HF	F	S,W
<i>Ardea intermedia</i>	0.73	BB, M	WB	C	A	<i>Clamator jacobinus</i>	0.06	BB,M	HF	F	S
<i>Dendrocitta vagabunda</i>	0.70	All	HF	VC	A	<i>Gallinago stenura</i>	0.06	M	MF	F	W
<i>Anastomus oscitans</i>	0.68	All	HF	C	A	<i>Megalurus palustris</i>	0.06	BB,M	GL	F	W
<i>Lanius schach</i>	0.66	All	AG, GL, HF	VC	A	<i>Acrocephalus dumetorum</i>	0.05	M	HF	F	W
<i>Vanellus cinereus</i>	0.65	All	AG	UC	W	<i>Acrocephalus stentoreus</i>	0.05	BB	GL	F	W
<i>Streptopelia tranquebarica</i>	0.63	All	AG, HF	VC	A	<i>Caprimulgus macrurus</i>	0.05	KJ,M	HF	F	R
<i>Hydrophasianus chirurgus</i>	0.62	BB, M	WB	UC	A	<i>Clanga hastata</i>	0.05	BB,K J	HF	F	W

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<i>Alcedo atthis</i>	0.60	All	WB	VC	A	<i>Dicrurus aeneus</i>	0.05	BB,M	HF	F	W
<i>Anthus rufulus</i>	0.60	BB, M	GL	UC	A	<i>Dicrurus leucophaeus</i>	0.05	M	HF	F	W
<i>Psilopogon asiaticus</i>	0.60	All	HF	VC	A	<i>Gallinago gallinago</i>	0.05	BB	MF	F	W
<i>Psilopogon lineatus</i>	0.60	All	HF	VC	A	<i>Lanius tephronotus</i>	0.05	KJ,M	AG	F	W
<i>Halcyon smyrnensis</i>	0.57	All	WB	VC	A	<i>Saxicola leucurus</i>	0.05	BB, M	GL	F	W
<i>Merops philippinus</i>	0.52	BB, M	AG	F	R	<i>Acrocephalus agricola</i>	0.03	BB	GL	F	W
<i>Motacilla madaraspatensis</i>	0.52	All	MF	UC	S, W	<i>Calidris temminckii</i>	0.03	BB	MF	F	W
<i>Athene brama</i>	0.50	All	HF	VC	A	<i>Chlidonias hybrida</i>	0.03	M	WB	F	W
<i>Eudynamys scolopaceus</i>	0.50	All	HF	VC	A	<i>Gallinula chloropus</i>	0.03	BB	WB	F	W
<i>Prinia gracilis</i>	0.49	BB, M	GL	C	A	<i>Nisaetus cirrhatus</i>	0.03	BB, M	HF	F	R,W
<i>Metopidius indicus</i>	0.45	BB, M	WB	C	A	<i>Oriolus chinensis</i>	0.03	M	HF	F	W
<i>Upupa epops</i>	0.45	All	AG, GL	VC	A	<i>Oriolus oriolus</i>	0.03	M	HF	F	W
<i>Zoothera citrina</i>	0.45	All	HF	VC	A	<i>Pandion haliaetus</i>	0.03	BB	WB	F	W
<i>Pelargopsis capensis</i>	0.44	All	AG, WB	C	A	<i>Pernis ptilorhynchus</i>	0.03	BB,M	HF	F	S,W
<i>Nycticorax nycticorax</i>	0.42	BB, M	HF, WB	C	A	<i>Spatula querquedula</i>	0.03	BB	WB	F	W
<i>Psilopogon haemacephala</i>	0.42	All	HF	VC	A	<i>Butastur teesa</i>	0.02	BB	AG	F	W
<i>Ceryle rudis</i>	0.40	All	MF	C	A	<i>Circus spilonotus</i>	0.02	M	GL	F	W
<i>Charadrius dubius</i>	0.40	All	MF	UC	W	<i>Clanga clanga</i>	0.02	M	HF	F	W
<i>Coracias benghalensis</i>	0.40	All	AG, HF	VC	A	<i>Coracina melaschistos</i>	0.02	BB	HF	F	W
<i>Phalacrocorax carbo</i>	0.40	BB, M	WB	F	W	<i>Falco chicquera</i>	0.02	KJ	RS	F	W
<i>Dendrocopos macei</i>	0.37	All	HF	VC	A	<i>Ichthyophaga ichthyaetus</i>	0.02	M	HF	F	W
<i>Centropus sinensis</i>	0.34	BB, M	HF	C	A	<i>Luscinia svecica</i>	0.02	M	GL	F	W
<i>Hierococcyx varius</i>	0.32	All	HF	VC	A	<i>Otus lettia</i>	0.02	BB	HF	F	S
<i>Ixobrychus cinnamomeus</i>	0.32	BB, M	WB	UC	A	<i>Spilornis cheela</i>	0.02	M	HF	F	W
<i>Cisticola juncidis</i>	0.31	BB, M	GL, HF	C	A						