

Out of the sixty one species, forty six (75.41%) species were found to be residents, whilst twelve (19.67%) species were winter migrant and three species (4.92%) were local migrant visitors. Whereas the abundance of thirty seven species (60.66%) was found to be common, fifteen species (24.59 %) were in fairly common and nine species (14.75%) were in rare.

There were highest Feeding guild of birds 16 (26.23%) species in omnivore, followed by 13 (21.31%) species in insectivore, 11 (18.03%) species in carnivore, 10 (16.39%) species in predator, 4 (6.56%) species in granivore and was found lowest food habit birds 3 (4.92%) species each were herbivore. The checklist of avifauna observed during study period is given in table 1 and figure 1.

**Table 1** Status, distribution and habitat type of avifauna of the study area

Family	Common Name	Scientific Name	Status/ Abundance	Habitat	Feeding Guild
Accipitridae	Shikra	<i>Accipiter badius</i>	RS/C	OF	PR
	Black shouldered Kite	<i>Elanus caeruleus</i>	RS/C	CU, OF	PR
	White bellied Sea Eagle	<i>Haliaeetus leucogaster</i>	RS/FC	CU, OF	PR
	Brahminy Kite	<i>Haliastur indus</i>	RS/ FC	CU, OF,W	CV
Alcedinidae	Common king Fisher	<i>Alcedo atthis</i>	RS/C	OF, W	PR
	Black Capped Kingfisher	<i>Halcyon pileata</i>	RS/C	SP,W	CV
Anatidae	Cotton Teal	<i>Anas crecca</i>	M/R	W	O
	Eurasian Wigeon	<i>Anas penelope</i>	M/R	W	H
	Spot billed Duck	<i>Anas poecilorhyncha</i>	M/R	W	H
	Lesser Whistling Duck	<i>Dendrocygna javanica</i>	RS/C	W	O
	Ruddy Shelduck	<i>Tadorna ferruginea</i>	M/R	SP	O
	Red crested Poachard	<i>Netta rufina</i>	M/FC	WT	H
	Common Poachard	<i>Aythya ferina</i>	M/R	WT	O
	Cotton pygmy goose /cotton teal	<i>Nettapus coromandelianus</i>	LM/FC	WT (MR)	O
Anhingidae	Darter	<i>Anhinga melanogaster</i>	RS/C	SP, W	P
Ardeidae	Grey Heron	<i>Ardea cinerea</i>	RS/C	MR,SP & W	CV
	Goliath Heron	<i>Ardea goliath</i>	RS/ FC	MR, W	CV
	Purple Heron	<i>Ardea purpurea</i>	RS/C	MR,W	CV
	Indian Pond Heron	<i>Ardeola grayii</i>	RS/C	MR,W	CV
	Cattle Egret	<i>Bubulcus ibis</i>	RS/C	HH, MR	CV
	Great Egret	<i>Casmerodius albus</i>	RS/C	SP & W	PR
	Little Egret	<i>Egretta garzetta</i>	RS/C	SP,C	PR
	Median Egret	<i>Mesophoyx intermedia</i>	RS/C	SP, W &	P

				CU	
	black-crowned night heron	<i>Nycticorax nycticorax</i>	LM/R	WT (MR)	CV
Aves	Rock Pigeon	<i>Columba livia</i>	RS/C	Village, CU	G
	Sportted Dove	<i>Streptopelia chinensis</i>	RS/C	CU, HH	G
Bucerotidae	Indian Grey Hornbil	<i>Ocyrceros birostris</i>	LM/ FC	P	I
Cerylidae	Pied Kingfisher	<i>Ceryle rudis</i>	RS/C	W & P	PR
Charadriidae	Red wattled Lapwing	<i>Vanellus indicus</i>	RS/C	SP, W	I
Ciconiidae	Asian Openbill Stork	<i>Anastomus oscitans</i>	RS/C	MR,SP	PR
	Painted Stork	<i>Mycteria leucocephala</i>	M/R	SP	CV
Coraciidae	Indian Roller	<i>Coracias benghalensis</i>	RS/C	HH, CU	I
Corvidae	House Crow	<i>Corvus splendens</i>	RS/C	HH	O
Cuculidae	Greater Coucal	<i>Centropus sinensis</i>	RS/C	CU	PR
	Asian Koel	<i>Eudynamys scolopacea</i>	RS/C	G, CU	O
Dicruridae	Black Drongo	<i>Dicrurus macrocercus</i>	RS/C	HH, CU	I
Halcyonidae	White throated Kingfisher	<i>Halcyon smyrnensis</i>	RS/C	SP, W	CV
Jacaniidae	Bronze winged Jacana	<i>Metopidius indicus</i>	RS/C	MR, W	I
Laridae	Black headed Gull	<i>Larus ridibundus</i>	M/R	SP, W	O
	Brown headed Gull	<i>Chroicocephalus brunnicephalus</i>	M/R	SP, W	O
Megalaimidae	Brown headed Barbet	<i>Megalaima zeylanica</i>	RS/C	P, G	I
Meropidae	Green bee Eater	<i>Merops orientalis</i>	RS/C	CU, GS, HH	I
Passeridae	House sparrow	<i>Passer domesticus</i>	RS/ FC	HH	G
Phalacrocoracidae	Little Cormorant	<i>Phalacrocorax niger</i>	RS/C	MR, SP & W	P
Podicipedidae	Little Greb	<i>Tachybaptus ruficollis</i>	RS/C	W	I
Rallidae	White breasted Waterhen	<i>Amaurornis phoenicurus</i>	RS/C	W	O
	Common Coot	<i>Fulica atra</i>	RS/ FC	SP, W	O
	Watercock	<i>Gallicrex cinerea</i>	M/FC	MR	G
	Common Moorhen	<i>Gallinula chloropus</i>	RS/FC	SP, W	O
	Purple Swamp hen	<i>Porphyrio porphyrio</i>	RS/ FC	SP, MR	O
Scolopacidae	Eurasian Curlew	<i>Numenius arquata</i>	M/R	W	I
	Spotted	<i>Tringa erythropus</i>	RS/ FC	SP, W	I

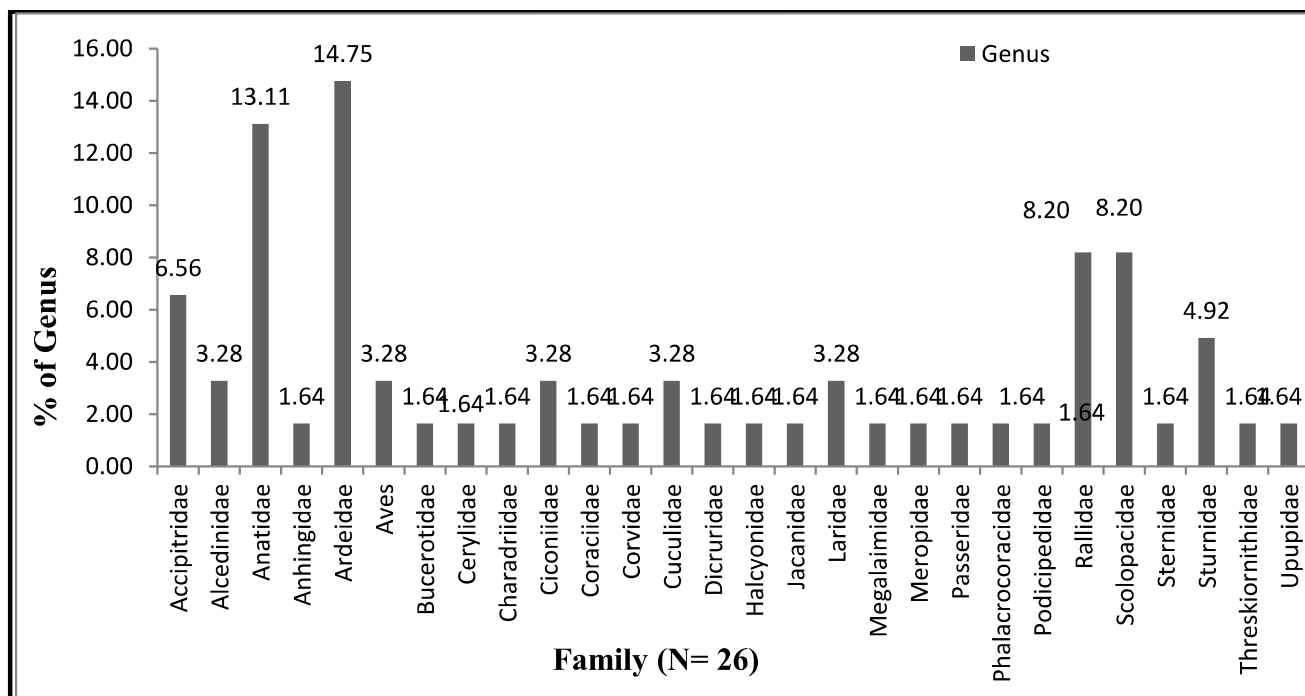
	Redshank				
	Common Greenshank	<i>Tringa nebularia</i>	RS/ FC	OF, W	I
	Common Redshank	<i>Tringa totanus</i>	RS/C	OF, W	I
	Marsh Sandpiper	<i>Tringa stagnatilis</i>	RS/C	MR,W	CV
Sternidae	River Tern	<i>Sterna aurantia</i>	RS/ FC	SP, W	P
Sturnidae	Bank Myna	<i>Acridotheres ginginianus</i>	RS/C	CU, HH	O
	Common Myna	<i>Acridotheres tristis</i>	RS/C	HH	O
	Asian pied Starling	<i>Gracupica contra</i>	RS/C	CU, HH	O
Threskiornithidae	Black headed Ibis	<i>Threskiornis melanocephalus</i>	M/FC	MR,W	PR
Upupidae	Common Hoopoe	<i>Upupa epops</i>	RS/C	CU,HH	I

**Status:** Resident=RS, Migrant= M, Local Migration= LM

**Abundance:** C= Common (Seen frequently >10 sightings), FC=Fairly Common (< 7 sightings), R = Rare (<3 sightings)

**Habitat:** Open Field = OF, Cultivation= CU, Human Habitation= HH, Salt Pan =SP, Wetland= W, Marsh =MR, Plantation= P, Grassland= GS, Garden=G, Coastal Beach=CB, Village=V

**Feeding Guild:** Piscivore=P, Omnivore=O, Insectivore=I, Herbivore=H, Granivore=G, Carnivore=CV, Predator=PR



**Figure 1** shows the family wise percentage of birds in the study area