



## BIODIVERSITY OF BIRDS IN MALANGAON DAM, SAKRI (DHULIA)

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### ABSTRACT:

Malangaon Dam Sakri is a perennial lake. It provided a much more habitat for residential and migratory birds. The present study related with birds of Malangaon Dam Sakri which showed the presence of 16 species of bird with 11 different orders. The order Passeriformes is dominant over other bird species. Due to encroachment and anthropogenic disturbances, the resident and local migratory birds are threatened.

**Keywords:-** Bird, Perennial, Wetland, Malangaon Sakri, Poaching etc.

### INTRODUCTION :

Fresh water wetlands are fragile ecosystems which are fast deteriorating and shrinking due to manmade activities. India has 65,000 Wetlands covering an area of 4.5 million hectares (Anon, 1990). Indian Subcontinent represents 2094 forms belonging to 1200 species of avifauna (Ali and Ripley, 1983; Ripley, 1992). The abundance of high ecological diversity in the country and the diverse aquatic ecosystems of India represent 417 forms belonging to 318 species and 146 genera of the avifauna of the Subcontinent (Vijayan, 1991). A good number of works in relation to birds have been done in India (Sampath and Krishnamurthy, 1993; Pentewar, 2018). The present study is carried out to assess Avianfauna of Malangaon Dam Sakri.

### MATERIAL AND METHODS:

Malangaon Dam is an ideal habitat for wetland birds. The Survey of the birds of this Dam was undertaken throughout the year. The birds were identified by available guideline given by Ali (1996); Sonobe and Usui (1993) and with a pair of binoculars 7x and 8 x magnifications while walking over the bund of the dam.

### RESULTS AND DISCUSSION:

The observed birds are listed in Table-1 on the basis of their scientific names, common names, orders and family. A total 16 species of birds were identified in the area of the Malangaon Dam Sakri. Some are resident some are resident cum local movements, while other are winter migrants. We observed total 16 birds belonging to 11 orders and 14 families. The order Passeriformes is dominant over other orders presented 4 species, followed by order Galliformes 3 species. Order Accipitriformes, Pelicaniformes, Columbiformes, Psittaciformes, Strigiformes, Cuculiformes, Perciformes, Anseriformes and Caraciformes with each single species. The major populations of species in the dam are Pigeon (*Columba livia*), Parrot (*Psittacula eupatria*), Sparrows (*Passer domestics*), crows, (*Corvus splendens*), Grey herons (*Ardea cinerea*) and others were seen in small flocks in wet land of dam. The species like grey heron were locally migratory found in and around the dam depending upon the water conditions. The major species of the dam viz. Pigeon, parrot, sparrows and crows were more in the month of October. This number gradually increased in the month of February respectively.



The uncommon bird pheasant make its presence only when the dam was with major amount of water. The present study is corroborative with the earlier works viz. Islam and Rahmani (2004); Donar et al (2012); Singh and Banyal (2013); Kumar and Paliwal (2015); Pentewar, (2018) and Pawar et al (2019). Kumar and Paliwal (2015) studied the bird of Pond dam and recorded over 415 bird species and 65 families. Sharief et al 2018 study avian faunal diversity of Pong Dam revealed presence of 169 bird species, 16 orders and 48 families of birds. Bhoi, 2021 observed a total 18 species of birds belong to 11 orders in the area of the Malangaon Dam.

#### CONCLUSION:

The bird species are abundant in Malangaon Dam Sakri but protect them from encroachment and poaching by constant patrolling in the dam to minimize poaching of birds. Reduce the fishing, agricultural and anthropogenic activities around Malangaon dam Sakri. Educate the people about the importance of this ecosystem.

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**Table-1. List of Birds of Malangaon Dam, Sakri (Dhulia) MS (India).**

Sr. No.	Scientific Names	Order	Family	Common Name
1	<i>Acridotheres tristis</i>	Passeriformes	Strurnidae	Myna
2	<i>Alcedo atthis</i>	Caraciformes	Alcedinidae	Kingfisher
3	<i>Anas creca</i>	Anseriformes	Anatidae	Duck
4	<i>Ardea cinerea</i>	Pelicaniformes	Ardeidae	Grey heron
5	<i>Bubo bubo</i>	Strigiformes	Strigidae	Horne owl
6	<i>Centrocercus minimus</i>	Galliformes	Phasianidae	Pheasant
7	<i>Columba livia</i>	Columbiformes	Columbidae	Pigeon
8	<i>Corvus splendens</i>	Passeriformes	Corvidae	House crow
9	<i>Dendrocopus mahrattensis</i>	Perciformes	Picidae	Woodpecker
10	<i>Eudynamis scolopaceus</i>	Cuculiformes	Cuculidae	Cuckoo
11	<i>Gallus gallus</i>	Galliformes	Phasinidae	Red jungle fowl
12	<i>Milvus migrans</i>	Accipitriformes	Accipitridae	Black kite
13	<i>Passer domesticus</i>	Passeriformes	Passerdae	House sparrow
14	<i>Pava cristatus</i>	Galliformes	Phasianidae	Peacock
15	<i>Psittacula eupatria</i>	Psittaciformes	Cacatuidae	Parrot
16	<i>Quelea cardinalis</i>	Passeriformes	Ploceidae	Weaver bird