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Avian fauna in gun carriage factory estate area Jabalpur district, Madhya Pradesh, India

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Abstract

The present paper is based on observations and sighting records of birds taken from Gun Carriage Factory estate area of Jabalpur district of Madhya Pradesh, India including agricultural fields of those villages in and around estate area. The avian diversity of the estate includes 46 species of birds belonging to 13 Orders, 18 families.

Keywords: GCF, Madhya Pradesh, avian fauna, agricultural fields

Introduction

The Gun Carriage Factory Jabalpur, also known as G.C.F Jabalpur is a manufacturing establishment which comes under Ministry of Defense, Government of India in Jabalpur district in the state of Madhya Pradesh, India. Located in the scenic surroundings of the Satpura Range, this small government township is built around its namesake defense establishment. One of the famous hills present in the area is the Paatbaba Hill which is one of the major centre of spirituality. It is about 3 km from the Jabalpur City railway station, and is also closely connected to the city. It is surrounded by other defense establishments. Within the estate, there are central schools, hospitals, churches, temples and clubs.

Chandra and Singh (2004) ^[3], reported 65 and 197 species from Jabalpur. Chandra and Gupta, 2009 ^[2] (Bandhavgarh Tiger Reserve, 252 species), Chandra and Mahabal, 2009 ^[1] (Pachmarhi Biosphere Reserve, 255 species). The present paper includes 113 species of birds belonging to 14 Orders, 30 families from GCF Jabalpur, Madhya Pradesh

Results and Discussion

A list of 46 bird species reported from G.C.F Jabalpur District shown that order Ciconiiformes is very rich in that area; more investigation is needed for making a good faunistic profile about the abundance.

Table 1: Checklist of the birds of G.C.F Jabalpur.

S. No.	Order	Family	Scientific Name	Common Name
1	Podicipediformes	Podicipedidae	<i>Tachybaptus ruficollis</i>	Little Grebe
2	Pelecaniformes	Phalacrocoracidae	<i>Phalacrocorax niger</i>	Little Cormorant
3	Ciconiiformes	Ardeidae	<i>Bubulcus ibis</i>	Cattle Egret
4		Ardeidae	<i>Mesophoyx intermedia</i>	Median Egret
5		Ardeidae	<i>Casmerodius albus</i>	Large Egret
6		Ardeidae	<i>Ardea cinerea</i>	Grey Heron
7		Ardeidae	<i>Ardea purpurea</i>	Purple Heron
8		Ardeidae	<i>Ardeola grayii</i>	Indian Pond-Heron
9		Ciconiidae	<i>Leptoptilos javanicus</i>	Lesser Adjutant-Stork
10		Ciconiidae	<i>Mycteria leucocephala</i>	Painted Stork
11	Anseriformes	Anatidae	<i>Dendrocygna javanica</i>	Lesser Whistling-Duck
12		Anatidae	<i>Nettapus coromandelianus</i>	Cotton Teal
13		Anatidae	<i>Anser indicus</i>	Bar-headed Goose
14		Anatidae	<i>Anas crecca</i>	Common Teal
15	Falconiformes	Accipitridae	<i>Pernis ptilorhynchus</i>	Oriental Honey-Buzzard
16		Accipitridae	<i>Accipiter badius</i>	Shikra
17		Accipitridae	<i>Milvus migrans</i>	Black Kite

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S. No.	Order	Family	Scientific Name	Common Name
18		Accipitridae	<i>Elanus caeruleus</i>	Black-shouldered Kite
19	Galliformes	Phasianidae	<i>Francolinus pictus</i>	Painted Francolin
20		Phasianidae	<i>Coturnix coturnix</i>	Common Quail
21		Phasianidae	<i>Perdica asiatica</i>	Jungle Bush-Quail
22		Phasianidae	<i>Francolinus pondicerianus</i>	Grey Francolin
23		Phasianidae	<i>Pavo cristatus</i>	Indian Peafowl
24		Phasianidae	<i>Porphyrio porphyrio</i>	Purple Moorhen
25		Phasianidae	<i>Fulica atra</i>	Common Coot
26	Charadriiformes	Jacaniidae	<i>Hydrophasianus chirurgus</i>	Pheasant-tailed Jacana
27		Jacaniidae	<i>Metopidius indicus</i>	Bronze-winged Jacana
28		Charadriidae	<i>Charadrius dubius</i>	Little Ringed Plover
29		Charadriidae	<i>Vanellus indicus</i>	Red-wattled Lapwing
30	Columbiformes	Pteroclididae	<i>Pterocles indicus</i>	Painted Sandgrouse
31		Columbidae	<i>Columba livia</i>	Blue Rock Pigeon
32		Columbidae	<i>Streptopelia orientalis</i>	Oriental Turtle-Dove
33		Columbidae	<i>Streptopelia decaocto</i>	Eurasian Collared-Dove
34		Columbidae	<i>Treron phoenicoptera</i>	Yellow-legged Green-Pigeon
35	Psittaciformes	Psittacidae	<i>Psittacula eupatria</i>	Alexandrine Parakeet
36		Psittacidae	<i>Psittacula krameri</i>	Rose-ringed Parakeet
37		Psittacidae	<i>Psittacula cyanocephala</i>	Plum-headed Parakeet
38	Cuculiformes	Cuculidae	<i>Cuculus canorus</i>	Common Cuckoo
39			<i>Eudynamys scolopacea</i>	Asian Koel
40	Strigiformes	Tytonidae	<i>Tyto alba</i>	Barn Owl
41		Strigidae	<i>Bubo bubo</i>	Eurasian Eagle-Owl
42			<i>Strix ocellata</i>	Mottled Wood-Owl
43	Caprimulgiformes	Caprimulgidae	<i>Caprimulgus indicus</i>	Indian Jungle Nightjar
44	Coraciiformes	Alcedinidae	<i>Ceryle rudis</i>	Lesser Pied Kingfisher
45		Alcedinidae	<i>Halcyon smyrnensis</i>	White breasted Kingfisher
46		Coraciidae	<i>Coracias benghalensis</i>	Indian Roller

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