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Checklist of Birds of Kudal, Sindhudurg, Maharashtra

Sachin Chorge*, Manasi Karangutkar and Anjaney Karangutkar

Corresponding author* sachinvch@gmail.com

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Oriental Darter



Great Hornbill

Introduction

Kudal is a town in Kudal taluka (GPS Range: N16°9'E73°41', N16°10'E73°53', N16°1'E73°51', N15°54'E73°41') near the Western Ghats in Sindhudurg district of Maharashtra. The area is 464.754 sqkm or around. 46,500 hectares which includes major sub-tropical mixed type, semi-evergreen and dry deciduous forests, crop fields and densely populated villages.

The forested areas support a rich biodiversity of the taluka.. Forest patch of the region mainly include trees of *Syzygium cumini*, *Bridelia retusa*, *Buchanania lanzan*, *Strychnose nux-vomica*, *Terminalia arjuna*, *Terminalia tomentosa*, *Careya arborea*, *Erythrina indica*, *Pongamia pinnata*, *Ficus benghalensis* and *Ficus religiosa* which provide large tree trunks and canopies for nesting birds. Other flora observed includes *Caryota urens*, *Helicteresisora*, *Ixora parviflora*, *Ixora brachiata*, *Caranda carandus*, *Ziziphus rugosa*, *Hollarhena antidysentrica*, *Bambusa* species, etc.

Along with protected areas of Western Ghats, the non-protected or private forest and orchards play an important role in the distribution of wildlife throughout the region. Major part of cultivation comprises of varieties like Coconut (*Cococs nucifera*), Banana (*Musa sp.*), Cashew (*Anacardium occidentale*), Mango (*Mangifera indica*), Papaya (*Carica papaya*), Beetle nut (*Areca catechu*) that fulfil food requirements of birds like parakeets, flower peckers, sunbirds etc. In the mountain region of the study area, villages have paddy fields in patches within cleared forests where they grow crops like rice, raagi, beans, groundnut etc. In the plain areas, fields are intercepted by river and streams. Karli river is the longest perennial river connected with 5 major tributaries, 11 minor streams and number of small streams in its course of 83.7 km from Western Ghats to Arabian Sea. Tributaries measures about 79.4

km and minor streams 33 km. This makes it the largest riparian system of Kudal taluka. The narrow islets in river in the district are biodiversity hotspots. Many migratory birds like Oriental Dwarf Kingfisher, Indian Pitta along with passage migrants like Great Hornbill can be spotted every year.

Shallow lakes of Nerur and Pat villages are rich in aquatic plants creating an ideal habitat for aquatic birds. Percolation dams are surrounded by semi-aquatic plants and forests. These water bodies are also bordered by agricultural land, coconut orchards and roads. Patil et. al., (2015) have recorded 36 species of birds from the Pat Lake area.

Material and Methods

The study was conducted for a period of two years from June 2015 to May 2017. Field surveys were carried out in winter, summer and the monsoon season seven days in a month from morning 0630 to 1100 hours and from evening 1500 to 1800 hours. The sites visited during our surveys were Digas, Narur, Hirlok, Shivapur, Zarap, Pat Lake, Anav, Awalegaon, Pangrad, Kalsuli lake, Ghodge, some river banks of Karli river, water bodies and seasonal agricultural croplands. Observations were made by direct sighting with binoculars (Nikon Action ex 10x50) and photographs were taken with digital cameras. Identification was done with the help of a standard field guide 'Birds of Indian Subcontinent' (Grimmett et al. 2011). Different habitats as well as nesting sites were also noted. Species richness was calculated by recording the number of bird species observed in each habitat of the study area. The statuses of birds were classified as Resident (R) and Migratory (M) based on Grimmett et al. (2011), the IUCN status and endemism (E) based on Bird life international (2013) and Pande et al. (2003).

RESULT AND CONCLUSION

A total of 169 species distributed in 17 Orders and 59 Families were recorded during the survey period. 20 Families were represented only by one species each. Passeriformes was the richest Order with of 29 families and 66 species followed by Pelecaniformes (16 species). Falconiformes, Phoenicopteriformes and Upupiformes were represented by single species each. Indian Pitta and Indian Blackbird visited the study site

during summer. Osprey, Garganey, Northern Pintail and 20 other species were winter visitors to the study area. 7 endemic species to Western Ghats and 4 Near Threatened species (IUCN red list) were recorded

Pat Lake was visited by thousands of migratory and local migratory water birds including Lesser whistling Duck, Spot-billed Duck, Garganey, Bronze-winged Jacana, etc. Pat Lake, Nerur Lake and Kalsuli Lake are important bird areas for migratory birds. The abundance of aquatic avian species further emphasises the need to conserve these habitats. Unrestrained deforestation, loss of riparian habitat and land filling and urbanization are threats of immediate concern. Developmental plans need to be drawn in accordance with the local ecology for the long term sustenance of habitats and biodiversity while fulfilling needs of the society.

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REFERENCES

- Abdar Mohan Ramchandra (2013) Diversity and richness of bird species in newly formed habitats of Chandoli National Park in Western Ghats, Maharashtra State, *India Biodiversity Journal*, 4 (1) pp 235-242.
- Gadgil et al. (2011) Report of the Western Ghats Ecology Expert Panel, part I.
- Grimmett et al. (2011) *Birds of the Indian Subcontinent*. Second edition, Oxford University Press, London, p528.
- Khot M (2016) A checklist of avifauna from Malgaon-Bagayat and Malvan towns of Sindhudurg District, Maharashtra, India. *Journal of Threatened Taxa* 8(6) pp 8909-8918.
- Manakadan R & Pittie A (2004) Standardized common and scientific names of the birds of the Indian subcontinent. *Buceros (EnvisNewsletter)* 6(1) pp1-37.
- Mudappa D & Raman TRS (2008) Hornbills and

endemic birds: a conservation status survey across the Western Ghats, India. *NCF Technical Report No.17*, Nature Conservation Foundation, Mysore.

- Patil et al. (2015) *Proceedings of the UGC Sponsored National Seminar on Wetlands: Present Status, Ecology & Conservation* Published by Department of Zoology, Maharshi Dayanand College of Arts, Science & Commerce, Parel, Mumbai,
- Pande et al. (2003) *Birds of Western Ghats, Konkan and Malabar (including Birds of Goa)*. Oxford University Press, India, p 375.
- Praveen et al. (2016) A checklist of the birds of India. *Indian Birds*, (11)113-170.
- Praveen J & Nameer PO (2008) Bird diversity of Siruvani and Muthikulam Hills, Western Ghats, Kerala. *Indian Birds* 3(6) pp 210-217.
- Praveen J & Nameer PO (2009) Monitoring bird diversity in Western Ghats of Kerala *Current Science*, vol. 96(10) pp 1390-1395.
- Praveen J & Nameer PO (2013) Bird Diversity of Chinnar Wildlife Sanctuary, Southern Western

Ghats, IBCN and Kerala Forest Department, pp1-52.

- <https://avibase.bsc-eoc.org/species.jsp?avibaseid=1D3605F2A870DAA3>, accessed on 22/2/2018.
- <http://datazone.birdlife.org/species/factsheet/flame-throated-bulbul-pycnonotus-gularis>, accessed on 22/2/2018.
- IUCN Red List of Threatened Species. Version 2017.3. <<http://www.iucnredlist.org>> Downloaded on 22/2/2018.

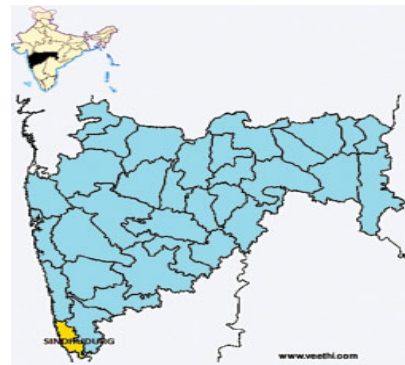
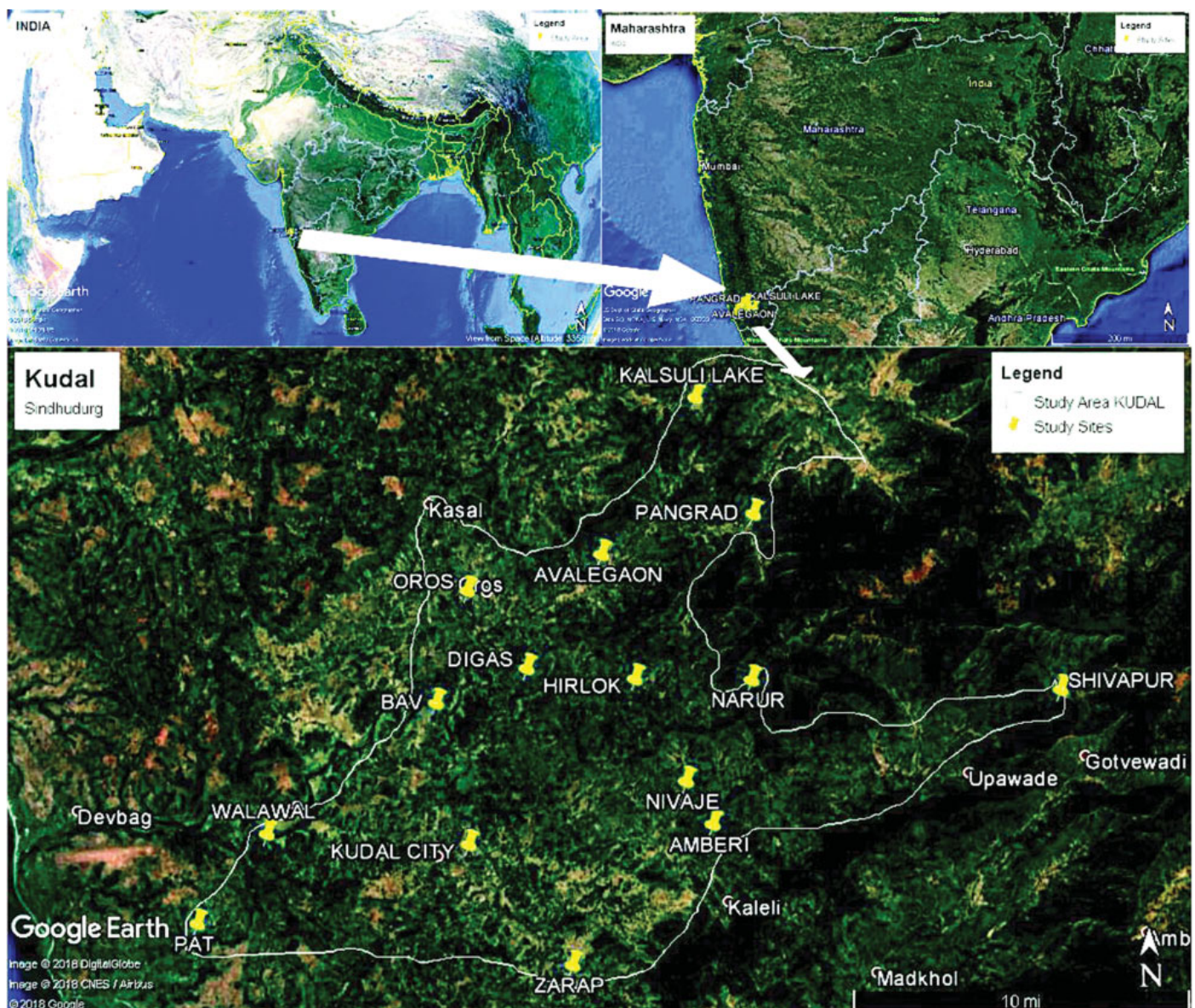


Figure 1



Checklist of birds Kudal, Sindhudurg, Maharashtra

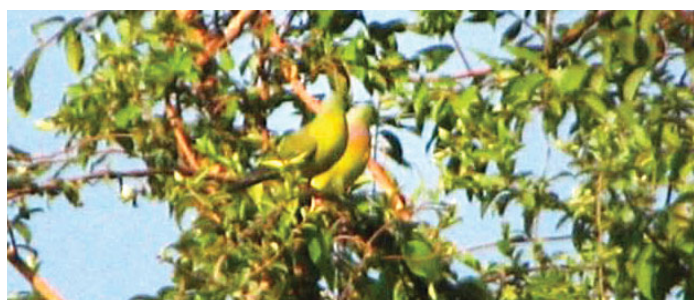
S.N.	Common Name	Family	Scientific Name	Author	Status
Order Accipitriformes					
	Black Eagle	Accipitridae	<i>Ictinaetus malaiensis</i>	(Temminck, 1822)	R
	Black Kite	Accipitridae	<i>Milvus migrans</i>	(Boddaert, 1783)	R
	Black-winged Kite	Accipitridae	<i>Elanus caeruleus</i>	(Desfontaines, 1789)	R
	Brahminy Kite	Accipitridae	<i>Haliastur indus</i>	(Boddaert, 1783)	R
	Crested Hawk Eagle	Accipitridae	<i>Nisaetus cirrhatus</i>	(J.F. Gmelin, 1788)	R
	Crested Serpent Eagle	Accipitridae	<i>Spilornis cheela</i>	(Latham, 1790)	R
	Oriental Honey Buzzard	Accipitridae	<i>Pernis ptilorhynchus</i>	(Temminck, 1821)	R
	Shikra	Accipitridae	<i>Accipiter badius</i>	(J.F. Gmelin, 1788)	R
	Western Marsh Harrier	Accipitridae	<i>Circus aeruginosus</i>	(J.F. Gmelin, 1788)	M
	White-bellied Sea Eagle	Accipitridae	<i>Haliaeetus leucogaster</i>	(Linnaeus, 1758)	M
	Osprey	Pandionidae	<i>Pandion haliaetus</i>	(Linnaeus, 1758)	M
Order Anseriformes					
	Cotton Pygmy-goose	Anatidae	<i>Nettapus coromandelianus</i>	(J.F. Gmelin, 1789)	R
	Garganey	Anatidae	<i>Spatula querquedula</i>	(Linnaeus, 1758)	M
	Indian Spot-billed Duck	Anatidae	<i>Anas poecilorhyncha</i>	J.R. Forster, 1781	R
	Lesser Whistling Duck	Anatidae	<i>Dendrocygna javanica</i>	(Horsfield, 1821)	R
	Northern Pintail	Anatidae	<i>Anas acuta</i>	Linnaeus, 1758	M
	Northern Shoveler	Anatidae	<i>Spatula clypeata</i>	(Linnaeus, 1758)	M
Order Bucerotiformes					
	Great Hornbill	Bucerotidae	<i>Buceros bicornis</i>	Linnaeus, 1758	R,NT
	Indian Grey Hornbill	Bucerotidae	<i>Ocyrceros birostris</i>	(Scopoli, 1786)	R
	Malabar Grey Hornbill	Bucerotidae	<i>Ocyrceros griseus</i>	(Latham, 1790)	R
	Malabar Pied Hornbill	Bucerotidae	<i>Anthracoceros coronatus</i>	(Boddaert, 1783)	R, NT
	Common Hoopoe	Upupidae	<i>Upupa epops</i>	Linnaeus, 1758	R
Order Caprimulgiformes					
	Indian House Swift	Apodidae	<i>Apus affinis</i>	(J.E. Gray, 1830)	R
	Crested Treeswift	Apodidae	<i>Hemiprocne coronata</i>	(Tickell, 1833)	R
	Indian Nightjar	Caprimulgidae	<i>Caprimulgus asiaticus</i>	Latham, 1790	R
	Jerdon's Nightjar	Caprimulgidae	<i>Caprimulgus atripennis</i>	Jerdon, 1845	R
	Savanna Nightjar	Caprimulgidae	<i>Caprimulgus affinis</i>	Horsfield, 1821	R
Order Charadriiformes					
	Kentish Plover	Charadriidae	<i>Charadrius alexandrinus</i>	Linnaeus, 1758	M
	Little Ringed Plover	Charadriidae	<i>Charadrius dubius</i>	Scopoli, 1786	R
	Red-wattled Lapwing	Charadriidae	<i>Vanellus indicus</i>	(Boddaert, 1783)	R
	Yellow-wattled Lapwing	Charadriidae	<i>Vanellus malabaricus</i>	(Boddaert, 1783)	M
	Bronze-winged Jacana	Jacanidae	<i>Metopidius indicus</i>	(Latham, 1790)	R
	Pheasant-tailed Jacana	Jacanidae	<i>Hydrophasianus chirurgus</i>	(Scopoli, 1786)	R
	River Tern	Laridae	<i>Sterna aurantia</i>	J.E. Gray, 1831	R, NT
	Greater Painted-snipe	Rostratulidae	<i>Rostratula benghalensis</i>	(Linnaeus, 1758)	R
	Common Greenshank	Scolopacidae	<i>Tringa nebularia</i>	(Gunnerus, 1767)	M
	Green Sandpiper	Scolopacidae	<i>Tringa ochropus</i>	Linnaeus, 1758	M
Order Columbiformes					
	Rock Pigeon	Columbidae	<i>Columba livia</i>	J.F. Gmelin, 1789	R
	Emerald Dove	Columbidae	<i>Chalcophaps indica</i>	(Linnaeus, 1758)	R
	Pompadour Green Pigeon	Columbidae	<i>Treron affinis</i>	(Jerdon, 1840)	ER
	Orange-breasted Green Pigeon	Columbidae	<i>Treron bicinctus</i>	(Jerdon, 1840)	NPR

	Oriental Turtle Dove	Columbidae	<i>Streptopelia orientalis</i>	(Latham, 1790)	M
	Spotted Dove	Columbidae	<i>Streptopelia chinensis</i>	(Scopoli, 1786)	R
	Yellow-legged Green Pigeon	Columbidae	<i>Treron phoenicopterus</i>	(Latham, 1790)	R
Order Coraciiformes					
	Blue-eared Kingfisher	Alcedinidae	<i>Alcedo meninting</i>	Horsfield, 1821	R
	Common Kingfisher	Alcedinidae	<i>Alcedo atthis</i>	(Linnaeus, 1758)	R
	Oriental Dwarf Kingfisher	Alcedinidae	<i>Ceyx erithaca</i>	(Linnaeus, 1758)	R
	Pied Kingfisher	Alcedinidae	<i>Ceryle rudis</i>	(Linnaeus, 1758)	R
	Stork-billed Kingfisher	Alcedinidae	<i>Pelargopsis capensis</i>	(Linnaeus, 1766)	R
	White-throated Kingfisher	Alcedinidae	<i>Halcyon smyrnensis</i>	(Linnaeus, 1758)	R
	Indian Roller	Coraciidae	<i>Coracias benghalensis</i>	(Linnaeus, 1758)	R
	Blue-bearded Bee-eater	Meropidae	<i>Nyctornis athertoni</i>	(Jardine & Selby, 1828)	R
	Chestnut-headed Bee-eater	Meropidae	<i>Merops leschenaulti</i>	Vieillot, 1817	R
	Green Bee-eater	Meropidae	<i>Merops orientalis</i>	Latham, 1801	R
Order Cuculiformes					
	Blue-faced Malkoha	Cuculidae	<i>Phaenicophaeus viridirostris</i>	(Jerdon, 1840)	NPR
	Common Hawk Cuckoo	Cuculidae	<i>Hierococyx varius</i>	(Vahl, 1797)	R
	Grey-bellied Cuckoo	Cuculidae	<i>Cacomantis passerinus</i>	(Vahl, 1797)	R
	Asian Koel	Cuculidae	<i>Eudynamys scolopaceus</i>	(Linnaeus, 1758)	R
	Banded Bay Cuckoo	Cuculidae	<i>Cacomantis sonneratii</i>	(Latham, 1790)	R
	Greater Coucal	Cuculidae	<i>Centropus sinensis</i>	(Stephens, 1815)	R
Order Falconiformes					
	Common Kestrel	Falconidae	<i>Falco tinnunculus</i>	Linnaeus, 1758	R
Order Galliformes					
	Grey Junglefowl	Phasianidae	<i>Gallus sonneratii</i>	Temminck, 1813	ER
	Indian Peafowl	Phasianidae	<i>Pavo cristatus</i>	Linnaeus, 1758	R
	Jungle Bush Quail	Phasianidae	<i>Perdica asiatica</i>	(Latham, 1790)	R
	Red Spurfowl	Phasianidae	<i>Galloperdix spadicea</i>	(J.F. Gmelin, 1789)	R
	Rock Bush Quail	Phasianidae	<i>Perdica argoondah</i>	(Sykes, 1832)	R
	Common Moorhen	Rallidae	<i>Gallinula chloropus</i>	(Linnaeus, 1758)	R
	Common Coot	Rallidae	<i>Fulica atra</i>	Linnaeus, 1758	R
	Purple Swampphen	Rallidae	<i>Porphyrio porphyrio</i>	(Linnaeus, 1758)	R
	Watercock	Rallidae	<i>Gallix cinerea</i>	(J.F. Gmelin, 1789)	M
	White-breasted Waterhen	Rallidae	<i>Amaurornis phoenicurus</i>	(Pennant, 1769)	R
Order Passeriformes					
	Clamorous Reed Warbler	Acrocephalidae	<i>Acrocephalus stentoreus</i>	(Hemprich & Ehrenberg, 1833)	M
	Common Iora	Aegithinidae	<i>Aegithina tiphia</i>	(Linnaeus, 1758)	R
	Malabar Lark	Alaudidae	<i>Galerida malabarica</i>	(Scopoli, 1786)	ER
	Black-headed Cuckooshrike	Campephagidae	<i>Lalage melanoptera</i>	(Rüppell, 1839)	M
	Large Cuckooshrike	Campephagidae	<i>Coracina javensis</i>	(Horsfield, 1821)	R
	Scarlet Minivet	Campephagidae	<i>Pericrocotus flammeus</i>	(J.R. Forster, 1781)	R
	Small Minivet	Campephagidae	<i>Pericrocotus cinnamomeus</i>	(Linnaeus, 1766)	R
	Golden-fronted Leafbird	Irenidae	<i>Chloropsis aurifrons</i>	(Temminck, 1829)	R
	Jerdon's Leafbird	Irenidae	<i>Chloropsis jerdoni</i>	(Blyth, 1844)	R
	Ashy Prinia	Cisticolidae	<i>Prinia socialis</i>	Sykes, 1832	R
	Common Tailorbird	Cisticolidae	<i>Orthotomus sutorius</i>	(Pennant, 1769)	R
	Grey-breasted Prinia	Cisticolidae	<i>Prinia hodgsonii</i>	Blyth, 1844	R
	Plain Prinia	Cisticolidae	<i>Prinia inornata</i>	Sykes, 1832	R
	House Crow	Corvidae	<i>Corvus splendens</i>	Vieillot, 1817	R

	Large-billed Crow	Corvidae	<i>Corvus culminatus</i>	Sytes, 1832	R
	Rufous Treepie	Corvidae	<i>Dendrocitta vagabunda</i>	(Latham, 1790)	R
	Pale-billed Flowerpecker	Dicaeidae	<i>Dicaeum erythrorhynchos</i>	(Latham, 1790)	R
	Thick-billed Flowerpecker	Dicaeidae	<i>Dicaeum agile</i>	(Tickell, 1833)	R
	Ashy Drongo	Dicruridae	<i>Dicrurus leucophaeus</i>	Vieillot, 1817	R
	Black Drongo	Dicruridae	<i>Dicrurus macrocercus</i>	Vieillot, 1817	R
	Greater Racket-tailed Drongo	Dicruridae	<i>Dicrurus paradiseus</i>	(Linnaeus, 1766)	R
	Scaly-breasted Munia	Estrildidae	<i>Lonchura punctulata</i>	(Linnaeus, 1758)	R
	White-rumped Munia	Estrildidae	<i>Lonchura striata</i>	(Linnaeus, 1766)	R
	Barn Swallow	Hirundinidae	<i>Hirundo rustica</i>	Linnaeus, 1758	M
	Dusky Crag Martin	Hirundinidae	<i>Ptyonoprogne concolor</i>	(Sykes, 1832)	R
	Red-rumped Swallow	Hirundinidae	<i>Cecropis daurica</i>	(Laxmann, 1769)	R
	Streak-throated Swallow	Hirundinidae	<i>Petrochelidon fluvicola</i>	(Blyth, 1855)	R
	Wire-tailed Swallow	Hirundinidae	<i>Hirundo smithii</i>	Leach, 1818	R
	Asian Fairy-bluebird	Irenidae	<i>Irena puella</i>	(Latham, 1790)	R
	Long-tailed Shrike	Laniidae	<i>Lanius schach</i>	Linnaeus, 1758	R
	Jungle Babbler	Leiothrichidae	<i>Turdoides striata</i>	(Dumont, 1823)	R
	Indian Paradise-flycatcher	Monarchidae	<i>Terpsiphone paradisi</i>	(Linnaeus, 1758)	R
	Black-naped Monarch	Monarchidae	<i>Hypothymis azurea</i>	(Boddaert, 1783)	R
	White-browed Wagtail	Motacillidae	<i>Motacilla maderaspatensis</i>	J.F. Gmelin, 1789	R
	White Wagtail	Motacillidae	<i>Motacilla alba</i>	Linnaeus, 1758	R
	Indian Robin	Muscicapidae	<i>Saxicoloides fulicatus</i>	(Linnaeus, 1766)	R
	Malabar Whistling Thrush	Muscicapidae	<i>Myophonus horsfieldii</i>	Vigors, 1831	ER
	Oriental Magpie Robin	Muscicapidae	<i>Copsychus saularis</i>	(Linnaeus, 1758)	R
	Pied Bushchat	Muscicapidae	<i>Saxicola caprata</i>	(Linnaeus, 1766)	R
	Tickell's Blue Flycatcher	Muscicapidae	<i>Cyornis tickelliae</i>	Blyth, 1843	R
	White-rumped Shama	Muscicapidae	<i>Kittacincla malabarica</i>	(Scopoli, 1786)	R
	Crimson-backed Sunbird	Nectariniidae	<i>Leptocoma minima</i>	(Sykes, 1832)	ER
	Loten's Sunbird	Nectariniidae	<i>Cinnyris lotenius</i>	(Linnaeus, 1766)	R
	Purple-rumped Sunbird	Nectariniidae	<i>Leptocoma zeylonica</i>	(Linnaeus, 1766)	R
	Purple Sunbird	Nectariniidae	<i>Cinnyris asiaticus</i>	(Latham, 1790)	R
	Vigors's Sunbird	Nectariniidae	<i>Aethopyga vigorsii</i>	(Sykes, 1832)	ER
	Black-hooded Oriole	Oriolidae	<i>Oriolus xanthornus</i>	(Linnaeus, 1758)	R
	Indian Golden Oriole	Oriolidae	<i>Oriolus kundoo</i>	Sykes, 1832	R
	Black-lored Tit	Paridae	<i>Machlolophus xanthogenys</i>	Blyth, 1847	R
	Yellow-throated Sparrow	Passeridae	<i>Gymnoris xanthocollis</i>	(E. Burton, 1838)	R
	House Sparrow	Passeridae	<i>Passer domesticus</i>	(Linnaeus, 1758)	R
	Puff-throated Babbler	Pellorneidae	<i>Pellorneum ruficeps</i>	Swainson, 1832	R
	Indian Pitta	Pittidae	<i>Pitta brachyura</i>	(Linnaeus, 1766)	M
	Baya Weaver	Ploceidae	<i>Ploceus philippinus</i>	(Linnaeus, 1766)	R
	Flame-throated Bulbul ¹⁶	Pycnonotidae	<i>Pycnonotus gularis</i>	(Gould, 1836)	NPR
	Red-vented Bulbul	Pycnonotidae	<i>Pycnonotus cafer</i>	(Linnaeus, 1766)	R
	Red-whiskered Bulbul	Pycnonotidae	<i>Pycnonotus jocosus</i>	(Linnaeus, 1758)	R
	White-browed Fantail	Rhipiduridae	<i>Rhipidura aureola</i>	Lesson, 1831	R
	Chestnut-tailed Starling	Sturnidae	<i>Sturnia malabarica</i>	(J.F. Gmelin, 1789)	M
	Blyth's Starling	Sturnidae	<i>Sturnia blythii</i>	(Jerdon, 1845)	R
	Common Myna	Sturnidae	<i>Acridotheres tristis</i>	(Linnaeus, 1766)	R
	Dark-fronted Babbler	Timaliidae	<i>Rhopocichla atriceps</i>	(Jerdon, 1839)	R
	Indian Scimitar Babbler	Timaliidae	<i>Pomatorhinus horsfieldii</i>	Sykes, 1832	R
	Tawny-bellied Babbler	Timaliidae	<i>Dumetia hypertyhra</i>	(Franklin, 1831)	R

	Indian Blackbird	Turdidae	<i>Turdus simillimus</i>	Jerdon, 1839	M
	Orange-headed Thrush	Turdidae	<i>Geokichla citrina</i>	(Latham, 1790)	R
	Bar-winged Flycatcher-shrike	Vangidae	<i>Hemipus picatus</i>	(Sykes, 1832)	R
Order Pelecaniformes					
	Oriental Darter	Anhingidae	<i>Anhinga melanogaster</i>	Pennant, 1769	M
	Black-crowned Night Heron	Ardeidae	<i>Nycticorax nycticorax</i>	(Linnaeus, 1758)	R
	Cattle Egret	Ardeidae	<i>Bubulcus ibis</i>	(Linnaeus, 1758)	R
	Grey Heron	Ardeidae	<i>Ardea cinerea</i>	Linnaeus, 1758	M
	Indian Pond Heron	Ardeidae	<i>Ardeola grayii</i>	(Sykes, 1832)	R
	Great Egret	Ardeidae	<i>Ardea alba</i>	Linnaeus, 1758	R
	Little Egret	Ardeidae	<i>Egretta garzetta</i>	(Linnaeus, 1766)	R
	Intermediate Egret	Ardeidae	<i>Ardea intermedia</i>	Wagler, 1829	R
	Purple Heron	Ardeidae	<i>Ardea purpurea</i>	Linnaeus, 1766	R
	Western Reef Egret	Ardeidae	<i>Egretta gularis</i>	(Bosc, 1792)	R
	Asian Openbill	Ciconiidae	<i>Anastomus oscitans</i>	(Boddaert, 1783)	M
	Black Stork	Ciconiidae	<i>Ciconia nigra</i>	(Linnaeus, 1758)	M
	Painted Stork	Ciconiidae	<i>Mycteria leucocephala</i>	(Pennant, 1769)	R,NT
	Woolly-necked Stork	Ciconiidae	<i>Ciconia episcopus</i>	(Boddaert, 1783)	R,VU
	Little Cormorant	Phalacrocoracidae	<i>Microcarbo niger</i>	(Vieillot, 1817)	R
	Indian Cormorant	Phalacrocoracidae	<i>Phalacrocorax fuscicollis</i>	Stephens, 1826	M
Order Phoenicopteriformes					
	Little Grebe	Podicipedidae	<i>Tachybaptus ruficollis</i>	(Pallas, 1764)	R
Order Piciformes					
	Brown-headed Barbet	Ramphastidae	<i>Psilopogon zeylanicus</i>	(J.F. Gmelin, 1788)	R
	Coppersmith Barbet	Ramphastidae	<i>Psilopogon haemacephalus</i>	(Statius Muller, 1776)	R
	White-cheeked Barbet	Ramphastidae	<i>Psilopogon viridis</i>	(Boddaert, 1783)	ER
	Lesser Golden-backed Woodpecker	Picidae	<i>Dinopium benghalense</i>	(Linnaeus, 1758)	R
	Brown-capped Pygmy Woodpecker	Picidae	<i>Dendrocopos moluccensis</i>	(J.F. Gmelin, 1788)	R
	Rufous Woodpecker	Picidae	<i>Micropternus brachyurus</i>	(Vieillot, 1818)	R
	White-naped Woodpecker	Picidae	<i>Chrysocolaptes festivus</i>	(Boddaert, 1783)	R
	Yellow-fronted Pied Woodpecker	Picidae	<i>Dendrocopos mahrattensis</i>	(Latham, 1801)	R
Order Psittaciformes					
	Plum-headed Parakeet	Psittaculidae	<i>Psittacula cyanocephala</i>	(Linnaeus, 1766)	R
	Rose-ringed Parakeet	Psittaculidae	<i>Psittacula krameri</i>	(Scopoli, 1769)	R
	Vernal Hanging Parrot	Psittaculidae	<i>Loriculus vernalis</i>	(Sparrman, 1787)	R
Order Strigiformes					
	Jungle Owlet	Strigidae	<i>Glaucidium radiatum</i>	(Tickell, 1833)	R
	Spotted Owlet	Strigidae	<i>Athene brama</i>	(Temminck, 1821)	R
	Common Barn Owl	Tytonidae	<i>Tyto alba</i>	(Scopoli, 1769)	R

Abb.: R= Resident, M= Migratory, ER = Endemic, Resident; NT= Near-threatened, NPR= No previous record for the study region; VU = Vulnerable



Orange-breasted Green Pigeon



Grey-fronted Green Pigeon



Chestnut-headed Bee-eater



Indian Backbird



Clamorous Reed Warbler



Chestnut-tailed Starling and Blyth's Starling



Lesser Golden-backed Woodpecker



Hornbill



Birds in Pat Lake: Lesser Whistling Ducks, Northern Shovellers, Spot-billed Ducks and Cotton Pygmy Goose

Checklist of Birds of Chauka & Sarola Hills, Aurangabad, Maharashtra

Rupali Shakkarwar, Pankaj Shakkarwar* and Ashwini Moharir

(*Corresponding author; Email: pankaj.shakkarwar@gmail.com)

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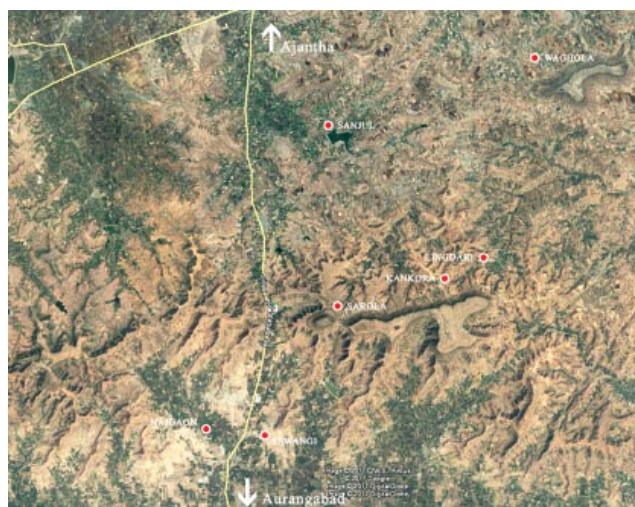
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Chauka & Sarola Hills are about 15 km from Aurangabad city towards the North and are spread East to West. Towards east they are connected with the hills of Ellora which are further connected to Aurangabad Hills forming an arc around the city. These ranges are a part of Ajantha-Satmala Hill Ranges.

Chauka & Sarola hills host a small Reserve Forest around Sarola Village (19°59'51.50"N and 75°24'22.84"E) which is managed by the Joint Forest Management Committee. The prominent landscape elements of the region are hills, open grasslands and scrubs adjacent to human habitats and croplands. The reserve forest and the surrounding hills harbor diverse fauna and flora. However, not much is known about the avian fauna of this area. Hence, the present study was undertaken from July 2016 to June 2017. The study was carried out at seven locations and along the roadside. The locations are Sawangi, Naigaon, Sarola, Kankora, Lingdari, Sanjul Lake & Waghola (Figure 1). Frequent visits were made to these locations having altitudes between 650 m to 934 m ASL (Figure 2). The various habitats encountered were grassland, scrub, deciduous forest, hills, ravines, perennial water bodies, seasonal



Google maps of the study area.





Figure 1

streams, cropland and human habitations. Birds were identified up to species level with the help of field guides (Ali S. & Ripley S. D., 1974, 1998; Grimmett R., Inskipp C. & Inskipp T., 2011, Pande S., Deshpande P. & Sant N., 2011).

During the study, 167 bird species from 53 different families were recorded along with their habitats. The family-wise list depicting their common and scientific names and status is given. There were 2 Near Threatened, 1 Vulnerable and 4 Endemic species (The IUCN Red List of Threatened Species. Version 2017-1). We observed White Capped Bunting (*Emberiza stewarti*) which is probably a new record to Maharashtra. Striolated Bunting (*Emberiza striolata*) has been recorded after a long gap around Aurangabad (previous records at Daulatabad - Ali S. & Ripley S. D., 1974, 1998: Handbook of the birds of India and Pakistan, Volume 10, Flowerpeckers to Buntings. 239-241). Indian Thick-Knee (*Burhinus indicus*) has been previously recorded at Jayakwadi Bird Sanctuary near Aurangabad, but finding it in Chauka & Sarola Hills is interesting. Bonelli's Eagle (*Hieraaetus fasciatus*) which was frequently seen before 2008 has not been seen during the study. Common Kestrel which was seen in abundance few years ago was recorded in less numbers. Overall the population of raptors was seen to be declining. The area was traditionally known for Francolins, Quails and Peafowl and we confirmed the presence of Painted Francolin (*Francolinus pictus*), Grey Francolin (*Francolinus pondicerianus*), Common Quail (*Coturnix coturnix*), Barred Buttonquail (*Turnix suscitator*) and Indian Peafowl (*Pavo cristatus*).

The list is likely to grow over time and further avifaunal study of the area is necessary at additional locations. The observed birds were categorized as C - Common / Abundant; U - Uncommon; O - Occasional; L - Rare according to their relative abundance (Abdulali, 1972).



Figure 2 (above); Figure 3 (below)



Figure 1 to 3: Landscapes in different Seasons

Status of birds were classified as resident (R), endemic resident (ER), winter migrants (WM), monsoon migrants (MM), local migrants (LM) and vagrants (V).



Figure 4



Figure 5



Figure 6



Figure 7 (Figure 1 to 7 - Landscapes in different Seasons)

References -

- Ali, S. & Ripley, S. D. (1974, 1998): *Handbook of the birds of India and Pakistan together with those of Bangladesh, Nepal, Bhutan and Sri Lanka*. 2nd ed. Bombay: (Sponsored by Bombay Natural History Society) Oxford University Press : Volume 1-10.
- Grimmett Richard, Inskipp Carol & Inskipp Tim (2011) : *Birds of the Indian Subcontinent*: Oxford University Press : 1-528
- Kasambe Raju (2016): Standard Marathi names of birds found in Maharashtra: Bombay Natural History Society, Mumbai : 1-28.
- Pande Satish., Pramod Deshpande & Niranjan Sant (2011): *Birds of Maharashtra*. (2nd Edition - 2013) : Ela Foundation, Pune, INDIA. Pages 1-330
- The IUCN Red List of Threatened Species. Version 2017-1. <www.iucnredlist.org>. Downloaded on **10 July 2017**.

Table listing the checklist of birds of Chauka & Sarola Hills

Sr. No.	Family	Scientific Name	Common Name	Status	
1	Phalacrocoracidae	<i>Phalacrocorax niger</i>	Little Cormorant	R	C
2	Phalacrocoracidae	<i>Phalacrocorax carbo</i>	Great Cormorant	R	U
3	Ardeidae	<i>Egretta garzetta</i>	Little Egret	R	C
4	Ardeidae	<i>Egretta albus</i>	Great Egret	R	C
5	Ardeidae	<i>Egretta intermedia</i>	Intermediate Egret	R	C
6	Ardeidae	<i>Bubulcus coromandus</i>	Western Cattle Egret	R	C
7	Ardeidae	<i>Ardeola grayii</i>	Indian Pond Heron	R	C
8	Ardeidae	<i>Ardea cinerea</i>	Grey Heron	R	U
9	Ciconiidae	<i>Mycteria leucocephala</i>	Painted Stork	R	U
10	Ciconiidae	<i>Ciconia episcopus</i>	White-necked Stork	R	O
11	Threskiornithidae	<i>Platalea leucorodia</i>	Eurasian Spoonbill	R	U
12	Threskiornithidae	<i>Pseudibis papillosa</i>	Indian Black Ibis	R	U
13	Threskiornithidae	<i>Plegadis falcinellus</i>	Glossy Ibis	R	U
14	Anatidae	<i>Anas poecilorhyncha</i>	Spot-billed Duck	R	U
15	Anatidae	<i>Tadorna ferruginea</i>	Brahminy Shelduck	WM	U
16	Accipitridae	<i>Elanus caeruleus</i>	Black-winged Kite	R	C
17	Accipitridae	<i>Milvus migrans</i>	Black Kite	R	C
18	Accipitridae	<i>Butastur teesa</i>	White-eyed Buzzard	R	U
19	Accipitridae	<i>Spilornis cheela</i>	Crested Serpent Eagle	R	O
20	Accipitridae	<i>Circaetus gallicus</i>	Short-toed Snake-Eagle	R	O
21	Accipitridae	<i>Accipiter nisus</i>	Eurasian Sparrowhawk	WM	O
22	Accipitridae	<i>Accipiter badius</i>	Shikra	R	C
23	Falconidae	<i>Falco tinnunculus</i>	Common Kestrel	WM	C
24	Phasianidae	<i>Francolinus pictus</i>	Painted Francolin	R	C
25	Phasianidae	<i>Francolinus pondicerianus</i>	Grey Francolin	R	C
26	Phasianidae	<i>Coturnix coturnix</i>	Common Quail	WM	C
27	Phasianidae	<i>Perdica argoondah</i>	Rock Bush Quail	ER	U
28	Phasianidae	<i>Pavo cristatus</i>	Indian Peafowl	R	C
29	Turnicidae	<i>Turnix suscitator</i>	Barred Buttonquail	R	C
30	Rallidae	<i>Fulica atra</i>	Eurasian Coot	R	U
31	Rallidae	<i>Amaurornis phoenicurus</i>	White-breasted Waterhen	R	C
32	Charadriidae	<i>Vanellus indicus</i>	Red-wattled Lapwing	R	C
33	Charadriidae	<i>Vanellus malabaricus</i>	Yellow-wattled Lapwing	R	U
34	Burhinidae	<i>Burhinus indicus</i>	Indian Thick-Knee	R	L
35	Recurvirostridae	<i>Himantopus himantopus</i>	Black-winged Stilt	WM	C
36	Scolopacidae	<i>Calidris temminckii</i>	Temminck's Stint	WM	U
37	Scolopacidae	<i>Actitis hypoleucos</i>	Common Sandpiper	WM	U
38	Sternidae	<i>Sterna aurantia</i>	River Tern	R	U
39	Columbidae	<i>Treron phoenicoptera</i>	Yellow-footed Green Pigeon	R	C
40	Columbidae	<i>Columba livia</i>	Blue Rock Pigeon	R	C

41	Columbidae	<i>Streptopelia senegalensis</i>	Little Brown Dove	R	C
42	Columbidae	<i>Streptopelia chinensis</i>	Spotted Dove	R	C
43	Columbidae	<i>Streptopelia decaocto</i>	Eurasian Collared Dove	R	U
44	Columbidae	<i>Streptopelia orientalis</i>	Oriental Turtle Dove	LM	O
45	Psittacidae	<i>Psittacula krameri</i>	Rose-ringed Parakeet	R	C
46	Psittacidae	<i>Psittacula cyanocephala</i>	Plum-headed Parakeet	R	U
47	Cuculidae	<i>Centropus sinensis</i>	Greater Coucal	R	C
48	Cuculidae	<i>Taccocua leschenaultii</i>	Sirkeer Malkoha	R	O
49	Cuculidae	<i>Eudynamys scolopacea</i>	Asian Koel	R	C
50	Cuculidae	<i>Hierococcyx varius</i>	Common Hawk Cuckoo	R	C
51	Cuculidae	<i>Cuculus canorus</i>	Common Cuckoo	V	U
52	Cuculidae	<i>Clamator jacobinus</i>	Jacobin Cuckoo	MM	C
53	Cuculidae	<i>Cacomantis passerinus</i>	Grey-bellied Cuckoo	R	O
54	Strigidae	<i>Bubo bengalensis</i>	Indian Eagle Owl	R	U
55	Strigidae	<i>Strix ocellata</i>	Mottled Wood Owl	ER	O
56	Strigidae	<i>Athene brama</i>	Spotted Owlet	R	C
57	Strigidae	<i>Asio flammeus</i>	Short-eared Owl	WM	O
58	Caprimulgidae	<i>Caprimulgus indicus</i>	Indian Jungle Nightjar	R	U
59	Caprimulgidae	<i>Caprimulgus asiaticus</i>	Indian Little Nightjar	R	U
60	Caprimulgidae	<i>Caprimulgus affinis</i>	Savanna Nightjar	R	U
61	Alcedinidae	<i>Halcyon smyrnensis</i>	White-throated Kingfisher	R	C
62	Alcedinidae	<i>Alcedo atthis</i>	Common Kingfisher	R	U
63	Alcedinidae	<i>Ceryle rudis</i>	Pied Kingfisher	R	U
64	Meropidae	<i>Merops orientalis</i>	Little Green Bee-eater	R	C
65	Coraciidae	<i>Coracias garrulus</i>	Eurasian Roller	WM	U
66	Coraciidae	<i>Coracias benghalensis</i>	Indian Roller	R	C
67	Upupidae	<i>Upupa epops</i>	Common Hoopoe	R	U
68	Bucerotidae	<i>Ocyrceros birostris</i>	Indian Grey Hornbill	R	U
69	Captionidae	<i>Megalaima haemacephala</i>	Coppersmith Barbet	R	C
70	Picidae	<i>Jynx torquilla</i>	Eurasian Wryneck	WM	U
71	Picidae	<i>Dendrocopos mahrattensis</i>	Yellow-fronted Pied Woodpecker	R	C
72	Picidae	<i>Dendrocopos nanus</i>	Indian Pigmy Woodpecker	R	U
73	Picidae	<i>Dinopium benghalense</i>	Black-rumped Flameback	R	U
74	Picidae	<i>Chrysocolaptes festivus</i>	Black-shouldered Woodpecker	R	U
75	Alaudidae	<i>Mirafra cantillans</i>	Singing Bush Lark	R	C
76	Alaudidae	<i>Mirafra erythroptera</i>	Indian Bush Lark	R	C
77	Alaudidae	<i>Eremopterix grisea</i>	Ashy-crowned Sparrow Lark	R	C
78	Alaudidae	<i>Ammomanes phoenicurus</i>	Rufous-tailed Lark	R	C
79	Alaudidae	<i>Galerida deva</i>	Sykes's Crested Lark	ER	C
80	Hirundinidae	<i>Hirundo daurica</i>	Red-rumped Swallow	R	C
81	Hirundinidae	<i>Hirundo concolor</i>	Dusky Crag Martin	R	C
82	Hirundinidae	<i>Hirundo smithii</i>	Wired-tailed Swallow	R	U
83	Hirundinidae	<i>Hirundo tahitica</i>	House Swallow	WM	U

84	Hirundinidae	<i>Hirundo rustica</i>	Barn Swallow	R	U
85	Motacillidae	<i>Motacilla maderaspatensis</i>	White-browed Wagtail	R	U
86	Motacillidae	<i>Motacilla cinerea</i>	Grey Wagtail	WM	C
87	Motacillidae	<i>Motacilla flava</i>	Western Yellow Wagtail	WM	C
88	Motacillidae	<i>Anthus rufulus</i>	Paddyfield Pipit	R	C
89	Motacillidae	<i>Anthus similis</i>	Long-billed Pipit	WM	C
90	Motacillidae	<i>Anthus trivialis</i>	Tree Pipit	WM	C
91	Motacillidae	<i>Anthus richardi</i>	Richard's Pipit	WM	C
92	Campephagidae	<i>Coracina macei</i>	Large Cuckoo-Shrike	R	U
93	Campephagidae	<i>Pericrocotus cinnamomeus</i>	Small Minivet	R	C
94	Campephagidae	<i>Tephrodornis pondicerianus</i>	Common Woodshrike	R	C
95	Monarchidae	<i>Hypothymis azurea</i>	Black-naped Monarch	R	L
96	Monarchidae	<i>Terpsiphone paradisi</i>	Asian Paradise Flycatcher	R	O
97	Rhipiduridae	<i>Rhipidura aureola</i>	White browed Fantail	R	C
98	Rhipiduridae	<i>Rhipidura albogularis</i>	White throated Fantail	ER	U
99	Pycnonotidae	<i>Pycnonotus cafer</i>	Red-vented Bulbul	R	C
100	Aegithinidae	<i>Aegithina tiphia</i>	Common Iora	R	C
101	Aegithinidae	<i>Aegithina nigrolutea</i>	Marshall's Iora	WM	O
102	Laniidae	<i>Lanius vittatus</i>	Bay-backed Shrike	R	C
103	Laniidae	<i>Lanius schach</i>	Long-tailed Shrike	R	C
104	Musicicapidae	<i>Monticola solitarius</i>	Blue Rock-Thrush	WM	O
105	Musicicapidae	<i>Copsychus saularis</i>	Magpie Robin	R	C
106	Musicicapidae	<i>Saxicoloides fulicatus</i>	Indian Robin	R	C
107	Musicicapidae	<i>Phoenicurus ochruros</i>	Black Redstart	WM	C
108	Musicicapidae	<i>Saxicola torquata</i>	Common Stonechat	WM	C
109	Musicicapidae	<i>Saxicola caprata</i>	Pied Bushchat	R	C
110	Musicicapidae	<i>Cercomela fusca</i>	Brown Rock chat	R	U
111	Musicicapidae	<i>Eumyias thalassina</i>	Verditer Flycatcher	WM	O
112	Musicicapidae	<i>Ficedula albicilla</i>	Red Throated Flycather	WM	U
113	Musicicapidae	<i>Ficedula parva</i>	Red-breasted Flycather	WM	C
114	Musicicapidae	<i>Muscicapa dauurica</i>	Asian Brown Flycatcher	WM	U
115	Musicicapidae	<i>Cyornis tickelliae</i>	Tickell's Blue Flycatcher	R	U
116	Musicicapidae	<i>Culicicapa ceylonensis</i>	Grey-headed Canary Flycatcher	WM	U
117	Timaliidae	<i>Dumetia hyperythra</i>	Tawny Bellied Babbler	R	C
118	Timaliidae	<i>Chrysomma sinense</i>	Yellow eyed Babbler	R	C
119	Timaliidae	<i>Turdoides malcolmi</i>	Large Grey Babbler	R	C
120	Timaliidae	<i>Turdoides striata</i>	Jungle Babbler	R	C
121	Cisticolidae	<i>Prinia buchanani</i>	Rufous-fronted Prinia	R	U
122	Cisticolidae	<i>Prinia hodgsonii</i>	Grey -breasted Prinia	R	C
123	Cisticolidae	<i>Prinia inornata</i>	Plain Prinia	R	C
124	Cisticolidae	<i>Prinia socialis</i>	Ashy Prinia	R	C
125	Cisticolidae	<i>Prinia sylvatica</i>	Jungle Prinia	R	U
126	Cisticolidae	<i>Orthotomus sutorius</i>	Common Tailorbird	R	C

127	Sylviidae	<i>Acrocephalus dumetorum</i>	Blyth's Reed Warbler	WM	C
128	Sylviidae	<i>Acrocephalus stentoreus</i>	Clamorous Warbler	R	U
129	Sylviidae	<i>Hippolais caligata</i>	Booted Warbler	WM	U
130	Sylviidae	<i>Phylloscopus collybita</i>	Common Chiffchaff	WM	U
131	Sylviidae	<i>Phylloscopus affinis</i>	Tickell's Leaf Warbler	WM	C
132	Sylviidae	<i>Phylloscopus griseolus</i>	Sulphur-bellied Warbler	WM	C
133	Sylviidae	<i>Phylloscopus humei</i>	Hume's Leaf Warbler	WM	U
134	Sylviidae	<i>Sylvia crassirostris</i>	Orphean Warbler	WM	O
135	Sylviidae	<i>Sylvia curruca</i>	Common Lesser Whitethroat	WM	U
136	Sylviidae	<i>Sylvia communis</i>	Greater Whitethroat	WM	U
137	Paridae	<i>Parus major</i>	Great Tit	R	C
138	Dicaeidae	<i>Dicaeum agile</i>	Thick-billed Flowerpecker	R	C
139	Dicaeidae	<i>Dicaeum erythrorhynchos</i>	Pale-billed Flowerpecker	R	C
140	Nectariniidae	<i>Leptocoma zeylonica</i>	Purple-rumped Sunbird	R	C
141	Nectariniidae	<i>Cinnyris asiaticus</i>	Purple Sunbird	R	C
142	Zosteropidae	<i>Zosterops palpebrosus</i>	Oriental White-Eye	R	C
143	Emberizidae	<i>Melophus lathami</i>	Crested Bunting	R	C
144	Emberizidae	<i>Emberiza striolata</i>	Striolated Bunting	R	L
145	Emberizidae	<i>Emberiza stewarti</i>	White-Capped Bunting	WM	L
146	Emberizidae	<i>Emberiza buchanani</i>	Grey-necked Bunting	WM	C
147	Emberizidae	<i>Emberiza bruniceps</i>	Red-headed Bunting	WM	C
148	Emberizidae	<i>Emberiza melanocephala</i>	Black-headed Bunting	WM	C
149	Fringillidae	<i>Carpodacus erythrinus</i>	Common Rosefinch	WM	C
150	Estrildidae	<i>Amandava amandava</i>	Red Avadavat	WM	U
151	Estrildidae	<i>Euodice malabarica</i>	Indian Sliver-bill	R	C
152	Estrildidae	<i>Lonchura malacca</i>	Tri-colored Munia	R	O
153	Estrildidae	<i>Lonchura punctulata</i>	Scaly-breasted Munia	R	C
154	Passeridae	<i>Passer domesticus</i>	House Sparrow	R	C
155	Passeridae	<i>Petronia xanthocollis</i>	Yellow-throated Sparrow	R	C
156	Ploceidae	<i>Ploceus manyar</i>	Streaked Weaver	R	O
157	Ploceidae	<i>Ploceus philippinus</i>	Baya Weaver	R	C
158	Sturnidae	<i>Sturnus pagodarum</i>	Brahminy Starling	R	C
159	Sturnidae	<i>Acridotheres tristis</i>	Common Myna	R	C
160	Sturnidae	<i>Gracupica contra</i>	Asian Pied Starling	R	L
161	Sturnidae	<i>Sturnus roseus</i>	Rosy Starling	WM	C
162	Oriolidae	<i>oriolus kundoo</i>	European Golden Oriole	R	U
163	Dicruridae	<i>Dicrurus macrocercus</i>	Black Drongo	R	C
164	Dicruridae	<i>Dicrurus leucophaeus</i>	Ashy Drongo	R	O
165	Corvidae	<i>Dendrocitta vagabunda</i>	Rufous Treepie	R	C
166	Corvidae	<i>Corvus splendens</i>	House Crow	R	C
167	Corvidae	<i>Corvus culminatus</i>	Jungle Crow	R	C

Abb.: R= Resident, M= Migratory, C= Common, O= Occasional, U= Uncommon, L= Least common

Checklist of Birds of Katta (Devgad), Maharashtra

Manasi Karangutkar*, Sachin Chorge and Anjaney Karangutkar
Corresponding author*manasik82@gmail.com

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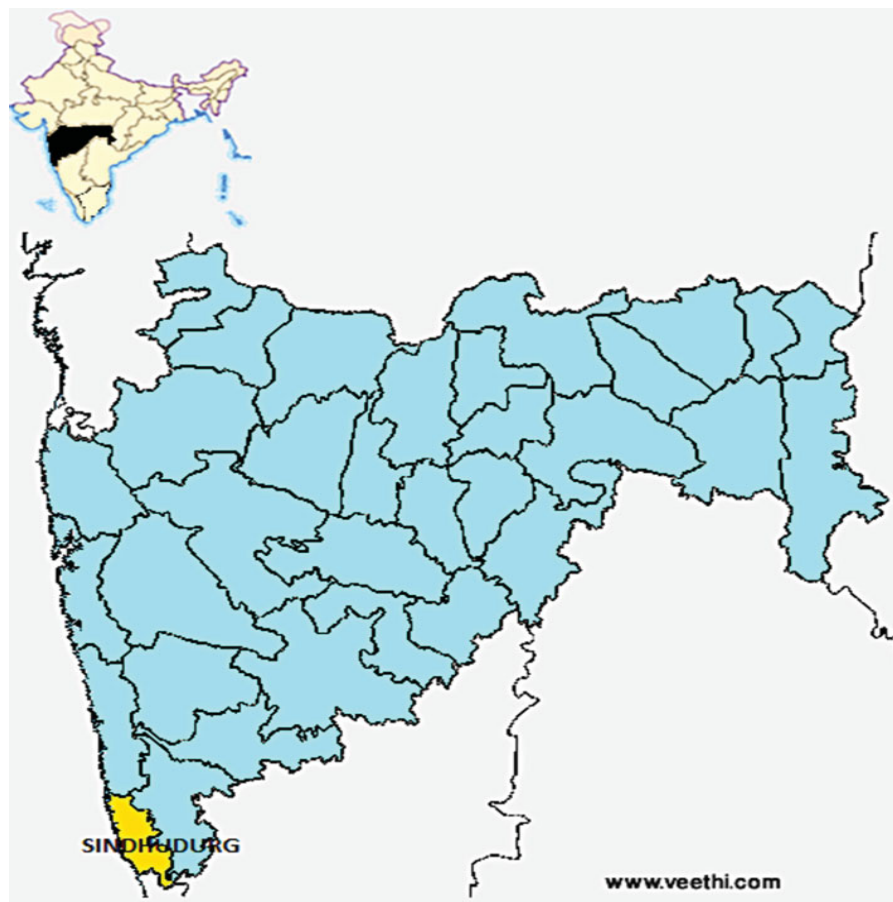
Malabar Pied Hornbill

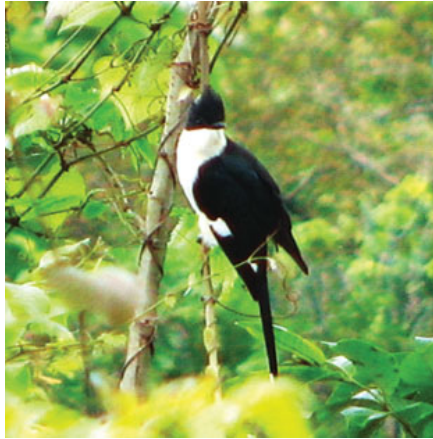
Introduction

Katta, Devgad taluka, Sindhudurg district, Maharashtra (16°24'00.0"N 73°25'42.0"E 74m ASL) is a small village situated near the coastline. It is located on the Devgad - Nipani highway about 8 km from Devgad town. Area of the village is 1132 hectares which includes mostly rocky lateritic plateau, but also a mangrove belt and little forest area. Vegetation is mixed semi-evergreen and dry deciduous in some parts. The climate is tropical. There are three perennial water bodies and Devgad River on the north of the village, which attract water birds.

More than a kilometre stretch of mangrove belt along the Devgad River adjacent to Katta village provides an excellent habitat for birds. Mangrove species like *Rhizophora mucronata*, *Ceriops tagal*, *Sonneratia alba*, *Acanthus ilicifolius* etc. provides good habitat for resident bird species like White-breasted Waterhen and Western Reef Egret (Grimmett et al. 2011). Forest patch along with cultivated trees like *Mangifera indica* (mango), *Artocarpus heterophyllus* (jackfruit), *Anacardium occidentale* (cashew), *Cococs nucifera* (coconut), *Musa spp.* (banana) and *Garcinia indica* (kokam) and wild trees like *Bridelia retusa*, *Bombax ceiba*, *Ficus benghalensis*, *Strychnose nux-vomica*, *Syzygium cumini*, *Terminalia bellerica*, *Mammea suriga* and shrubs like *Hollarhena antidysentrica*, *Woodfordia fruticosa*, and ornamental flowering plants cultivated in front of village houses fulfil food and nectar requirements of a variety of insect, fruit and nectar eating birds. Major part of the village has lateritic plateau which has wild plants like *Caranda carandus*, *Calotropis gigantea*, *Zizipus spp*, *Morinda pubescence*, *Lannea coromandelica*, etc. The village shows fairly good number of resident bird count due to availability of fruiting trees including *Bridelia* species, *Ficus* species and *Strychnose* which are a major food source for the resident Malabar Pied Hornbills, a near

Maps of the Katta village





Jacobin Cuckoo



Yellow-wattled Lapwing



Indian Pitta

threatened species (Balasubramanian et al. 2004). Coconut trees are favoured by more than 50 bird species for different purposes such as foraging, breeding and roosting (Basheer & Aarif 2013). After onset of monsoon the lateritic plateau turns into small grassland with small herbs and grasses. During monsoon season crops like rice, ragi, sesame, groundnut are cultivated. After harvesting these fields provide a good habitat for pipits and larks.

Material and Methods

The study was conducted for a period of two years from June 2015 to May 2017. Field surveys were carried out in winter, summer and monsoon season for seven days in a month from morning 0630 to 1100 hours and from evening 1500 to 1800 hours. Various habitats observed during our surveys are mangroves areas, semi-evergreen forest patches intermixed with mango cultivations, lateritic plateaus, perennial and seasonal water bodies and seasonal agricultural croplands. Observations were done by direct sighting with the help of binocular (Nikon action ex 10x50) and photographs were taken with digital cameras. Identification was done with the help of a standard field guide 'Birds of Indian Subcontinent' (Grimmett et al. 2011). Different habitats as well as nesting sites were also noted. Species richness was calculated by recording the number of bird species observed in each habitat of the study area. The birds were classified as Resident (R) and Migratory (M) based on Grimmett et al. (2011), the IUCN status and endemism (E) based on Bird life international (2013) and Pande et al. (2003).

Results

130 species of birds from 49 families were recorded including 2 near threatened species, 7 endemic species and 13 migratory species. Sixteen families were represented only by one species each. Passeriformes was represented by 26 families and 62 species followed by Pelecaniformes 10 species. Falconiformes, Gruiformes and Upupiformes were represented by single species each. Oriental Dwarf Kingfisher, Jacobin Cuckoo, Banded Bay Cuckoo and Indian Pitta visited the study site during late summer season. Common Hoopoe and 7 other species were winter visitors to the study area. Bar-winged Flycatcher-Shrike and Yellow-wattled Lapwing were not recorded during summer season. Mangrove belt and forest area with mixed type of vegetation are good feeding grounds for both migratory and residential birds. Major threat to these birds in the village was the use of chemical foliar sprays used as insecticides for mango cultivation. The number of birds appears to be decreasing probably due decrease in the prey and due consumption of poisoned insects by birds, but this aspect needs further detailed studies.

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Sykes's Crested Lark



Common Kestrel



Bar-winged Flycatcher-shrike



Grey Heron



Tree Pipit



Black-headed Bunting



Banded Bay Cuckoo



Indian River Tern

References

- Abdar Mohan Ramchandra (2013) Diversity and richness of bird species in newly formed habitats of Chandoli National Park in Western Ghats, Maharashtra State, India *Biodiversity Journal*, 4 (1) pp 235-242.
- Balasubramanian et al. (2004) Fruit preferences of Malabar Pied Hornbill *Anthracoceros coronatus* in Western Ghats, India, *Bird Conservation International* 14 pp 69-79.
- Bird Life International (2016) *Anthracoceros coronatus* The IUCN Red List of Threatened Species Version 2016-3. www.iucnredlist.org *International Union for Conservation of Nature* Downloaded on 10 December 2017.
- Bird Life International (2016) *Sterna aurantia* The IUCN Red List of Threatened Species Version 2016-3. www.iucnredlist.org *International Union for Conservation of Nature* Downloaded on 10 December 2017.
- Basheer M & Aarif KM (2013) Birds Associated with the Coconut Palm *Cocos nucifera* in an Agroecosystem in the Western Ghats Region of Kerala, southern India. *Podoces*, 8 (1) pp 19-21.
- Gadgil et al. (2011) Report of the Western Ghats Ecology Expert Panel, part I.
- Grimmett et al. (2011) *Birds of the Indian Subcontinent*. Second edition, Oxford University Press, London, p 528.
- Khot M (2016) A checklist of avifauna from Malgaon-Bagayat and Malvan towns of Sindhudurg District, Maharashtra, India. *Journal of Threatened Taxa* 8(6) pp 8909-8918.
- Manakadan R & Pittie A (2004) Standardized common and scientific names of the birds of the Indian subcontinent. *Buceros (Envis Newsletter)* 6(1) pp 1-37.
- Mudappa D & Raman TRS (2008) Hornbills and endemic birds: a conservation status survey across the Western Ghats, India. *NCF Technical Report No.17*, Nature Conservation Foundation, Mysore.
- Pande et al. (2003) Birds of Western Ghats, Konkan and Malabar (including Birds of Goa). Oxford University Press, India, p 375.
- Praveen et al. (2016) A checklist of the birds of India. *Indian Birds*, (11)113-170.
- Praveen J & Nameer PO (2008) Bird diversity of Siruvani and Muthikulam Hills, Western Ghats, Kerala. *Indian Birds* 3(6) pp 210-217.
- Praveen J & Nameer PO (2009) Monitoring bird diversity in Western Ghats of Kerala *Current Science*, vol. 96(10) pp 1390-1395.
- Praveen J & Nameer PO (2013) *Bird Diversity of Chinnar Wildlife Sanctuary, Southern Western Ghats*, IBCN and Kerala Forest Department, pp 1-52.

Checklist of birds

Sr.	Common Name	Family	Scientific Name	Author	Status
Order Accipitriformes					
1	Black Kite	Accipitridae	<i>Milvus migrans</i>	(Boddaert, 1783)	R
2	Black-Shouldered Kite	Accipitridae	<i>Elanus caeruleus</i>	(Desfontaines, 1789)	R
3	Brahminy Kite	Accipitridae	<i>Haliastur indus</i>	(Boddaert, 1783)	R
4	Crested Serpent Eagle	Accipitridae	<i>Spilornis cheela</i>	(Latham, 1790)	R
5	Oriental Honey Buzzard	Accipitridae	<i>Pernis ptilorhynchus</i>	(Temminck, 1821)	R
6	Shikra	Accipitridae	<i>Accipiter badius</i>	(J.F. Gmelin, 1788)	R
Order Bucerotiformes					
7	Indian Grey Hornbill	Bucerotidae	<i>Ocyrceros birostris</i>	(Scopoli, 1786)	R
8	Malabar Pied Hornbill	Bucerotidae	<i>Anthracoceros coronatus</i>	(Boddaert, 1783)	R,NT
9	Common Hoopoe	Upupidae	<i>Upupa epops</i>	Linnaeus, 1758	R
Order Caprimulgiformes					
10	Indian House Swift	Apodidae	<i>Apus affinis</i>	(J.E. Gray, 1830)	R
11	Jerdon's Nightjar	Caprimulgidae	<i>Caprimulgus atripennis</i>	Jerdon, 1845	R
12	Savanna Nightjar	Caprimulgidae	<i>Caprimulgus affinis</i>	Horsfield, 1821	M
Order Charadriiformes					
13	Red-wattled Lapwing	Charadriidae	<i>Vanellus indicus</i>	(Boddaert, 1783)	R
14	Yellow-wattled Lapwing	Charadriidae	<i>Vanellus malabaricus</i>	(Boddaert, 1783)	M
15	River Tern	Laridae	<i>Sterna aurantia</i>	J.E. Gray, 1831	R,NT
16	Common Sandpiper	Scolopacidae	<i>Actitis hypoleucos</i>	(Linnaeus, 1758)	M
Order Columbiformes					
17	Rock Pigeon	Columbidae	<i>Columba livia</i>	J.F. Gmelin, 1789	R
18	Emerald Dove	Columbidae	<i>Chalcophaps indica</i>	(Linnaeus, 1758)	R
19	Spotted Dove	Columbidae	<i>Streptopelia chinensis</i>	(Scopoli, 1786)	R
20	Yellow-footed Green Pigeon	Columbidae	<i>Treron phoenicopterus</i>	(Latham, 1790)	R
21	Grey-fronted Green Pigeon	Columbidae	<i>Treron pompadora</i>	(J.F. Gmelin, 1789)	ER
22	Common Kingfisher	Alcedinidae	<i>Alcedo atthis</i>	(Linnaeus, 1758)	R
23	Oriental Dwarf Kingfisher	Alcedinidae	<i>Ceyx erithaca</i>	(Linnaeus, 1758)	R
24	Pied Kingfisher	Alcedinidae	<i>Ceryle rudis</i>	(Linnaeus, 1758)	R
25	Stork-billed Kingfisher	Alcedinidae	<i>Pelargopsis capensis</i>	(Linnaeus, 1766)	R
26	White-throated Kingfisher	Alcedinidae	<i>Halcyon smyrnensis</i>	(Linnaeus, 1758)	R
27	Indian Roller	Coraciidae	<i>Coracias benghalensis</i>	(Linnaeus, 1758)	R
28	Small Green Bee-Eater	Meropidae	<i>Merops orientalis</i>	Latham, 1801	R
Order Cuculiformes					
29	Common Hawk Cuckoo	Cuculidae	<i>Hierococcyx varius</i>	(Vahl, 1797)	R
30	Grey-Bellied Cuckoo	Cuculidae	<i>Cacomantis passerinus</i>	(Vahl, 1797)	R
31	Jacobin Cuckoo	Cuculidae	<i>Clamator jacobinus</i>	(Boddaert, 1783)	M
32	Asian Koel	Cuculidae	<i>Eudynamys scolopaceus</i>	(Linnaeus, 1758)	R
33	Banded Bay Cuckoo	Cuculidae	<i>Cacomantis sonneratii</i>	(Latham, 1790)	R
34	Greater Coucal	Cuculidae	<i>Centropus sinensis</i>	(Stephens, 1815)	R

Order Falconiformes					
35	Common Kestrel	Falconidae	<i>Falco tinnunculus</i>	Linnaeus, 1758	M
Order Galliformes					
36	Indian Peafowl	Phasianidae	<i>Pavo cristatus</i>	Linnaeus, 1758	R
37	Grey Junglefowl	Phasianidae	<i>Gallus sonneratii</i>	Temminck, 1813	ER
38	Jungle Bush Quail	Phasianidae	<i>Perdicula asiatica</i>	(Latham, 1790)	R
39	Rock Bush Quail	Phasianidae	<i>Perdicula argoondah</i>	(Sykes, 1832)	R
40	White-breasted Waterhen	Rallidae	<i>Amaurornis phoenicurus</i>	(Pennant, 1769)	R
Order Passeriformes					
41	Common Iora	Aegithinidae	<i>Aegithina tiphia</i>	(Linnaeus, 1758)	R
42	Malabar Crested Lark	Alaudidae	<i>Galerida malabarica</i>	(Scopoli, 1786)	ER
43	Oriental Skylark	Alaudidae	<i>Alauda gulgula</i>	Franklin, 1831	R
44	Rufous-tailed Lark	Alaudidae	<i>Ammomanes phoenicura</i>	(Franklin, 1831)	R
45	Sykes's Lark	Alaudidae	<i>Galerida deva</i>	(Sykes, 1832)	NPR
46	Large Cuckooshrike	Campephagidae	<i>Coracina javensis</i>	(Horsfield, 1821)	R
47	Orange Minivet	Campephagidae	<i>Pericrocotus flammeus</i>	(J.R. Forster, 1781)	R
48	Small Minivet	Campephagidae	<i>Pericrocotus cinnamomeus</i>	(Linnaeus, 1766)	R
49	Golden-Fronted Leafbird	Irenidae	<i>Chloropsis aurifrons</i>	(Temminck, 1829)	R
50	Jerdon's Leafbird	Irenidae	<i>Chloropsis jerdoni</i>	(Blyth, 1844)	R
51	Ashy Prinia	Cisticolidae	<i>Prinia socialis</i>	Sykes, 1832	R
52	Common Tailorbird	Cisticolidae	<i>Orthotomus sutorius</i>	(Pennant, 1769)	R
53	Grey-breasted Prinia	Cisticolidae	<i>Prinia hodgsonii</i>	Blyth, 1844	R
54	Plain Prinia	Cisticolidae	<i>Prinia inornata</i>	Sykes, 1832	R
55	House Crow	Corvidae	<i>Corvus splendens</i>	Vieillot, 1817	R
56	Indian Jungle Crow	Corvidae	<i>Corvus macrorhynchos</i>	Wagler, 1827	R
57	Rufous Treepie	Corvidae	<i>Dendrocitta vagabunda</i>	(Latham, 1790)	R
58	Pale-Billed Flowerpecker	Dicaeidae	<i>Dicaeum erythrorhynchos</i>	(Latham, 1790)	R
59	Thick-Billed Flowerpecker	Dicaeidae	<i>Dicaeum agile</i>	(Tickell, 1833)	R
60	Ashy Drongo	Dicruridae	<i>Dicrurus leucophaeus</i>	Vieillot, 1817	M
61	Black Drongo	Dicruridae	<i>Dicrurus macrocercus</i>	Vieillot, 1817	R
62	Black-Headed Bunting	Emberizidae	<i>Granativora melanocephala</i>	(Scopoli, 1769)	M
63	Scaly-Breasted Munia	Estrildidae	<i>Lonchura punctulata</i>	(Linnaeus, 1758)	R
64	White-rumped Munia	Estrildidae	<i>Lonchura striata</i>	(Linnaeus, 1766)	R
65	Barn Swallow	Hirundinidae	<i>Hirundo rustica</i>	Linnaeus, 1758	M
66	Dusky Crag Martin	Hirundinidae	<i>Ptyonoprogne concolor</i>	(Sykes, 1832)	R
67	Red-rumped Swallow	Hirundinidae	<i>Cecropis daurica</i>	(Laxmann, 1769)	R
68	Streak-Throated Swallow	Hirundinidae	<i>Petrochelidon fluvicola</i>	(Blyth, 1855)	R
69	Wire-tailed Swallow	Hirundinidae	<i>Hirundo smithii</i>	Leach, 1818	R
70	Long-tailed Shrike	Laniidae	<i>Lanius schach</i>	Linnaeus, 1758	R
71	Jungle Babbler	Leiothrichidae	<i>Turdoides striata</i>	(Dumont, 1823)	R
72	Asian Paradise-Flycatcher	Monarchidae	<i>Terpsiphone paradisi</i>	(Linnaeus, 1758)	R
73	Black-naped Monarch	Monarchidae	<i>Hypothymis azurea</i>	(Boddaert, 1783)	R
74	Paddyfield Pipit	Motacillidae	<i>Anthus rufulus</i>	Vieillot, 1818	R

75	Tree Pipit	Motacillidae	<i>Anthus trivialis</i>	(Linnaeus, 1758)	M
76	White-browed Wagtail	Motacillidae	<i>Motacilla maderaspatensis</i>	J.F. Gmelin, 1789	R
77	Siberian Stonechat	Muscicapidae	<i>Saxicola maurus</i>	(Pallas, 1773)	R
78	Indian Robin	Muscicapidae	<i>Saxicoloides fulicatus</i>	(Linnaeus, 1766)	R
79	Malabar Whistling Thrush	Muscicapidae	<i>Myophonus horsfieldii</i>	Vigors, 1831	ER
80	Oriental Magpie Robin	Muscicapidae	<i>Copsychus saularis</i>	(Linnaeus, 1758)	R
81	Pied Bushchat	Muscicapidae	<i>Saxicola caprata</i>	(Linnaeus, 1766)	R
82	Tickell's Blue Flycatcher	Muscicapidae	<i>Cyornis tickelliae</i>	Blyth, 1843	R
83	White-rumped Shama	Muscicapidae	<i>Kittacincla malabarica</i>	(Scopoli, 1786)	R
84	Crimson-backed Sunbird	Nectariniidae	<i>Leptocoma minima</i>	(Sykes, 1832)	ER
85	Purple-rumped Sunbird	Nectariniidae	<i>Leptocoma zeylonica</i>	(Linnaeus, 1766)	R
86	Purple Sunbird	Nectariniidae	<i>Cinnyris asiaticus</i>	(Latham, 1790)	R
87	Vigors's Sunbird	Nectariniidae	<i>Aethopyga vigorsii</i>	(Sykes, 1832)	ER
88	Black-Hooded Oriole	Oriolidae	<i>Oriolus xanthornus</i>	(Linnaeus, 1758)	R
89	Indian Golden Oriole	Oriolidae	<i>Oriolus kundoo</i>	Sykes, 1832	R
90	Chestnut-shouldered Petronia	Passeridae	<i>Gymnoris xanthocollis</i>	(E. Burton, 1838)	R
91	House Sparrow	Passeridae	<i>Passer domesticus</i>	(Linnaeus, 1758)	R
92	Indian Pitta	Pittidae	<i>Pitta brachyura</i>	(Linnaeus, 1766)	M
93	Baya Weaver	Ploceidae	<i>Ploceus philippinus</i>	(Linnaeus, 1766)	R
94	Red-Vented Bulbul	Pycnonotidae	<i>Pycnonotus cafer</i>	(Linnaeus, 1766)	R
95	Red-whiskered Bulbul	Pycnonotidae	<i>Pycnonotus jocosus</i>	(Linnaeus, 1758)	R
96	White-browed Fantail	Rhipiduridae	<i>Rhipidura aureola</i>	Lesson, 1831	R
97	Common Myna	Sturnidae	<i>Acridotheres tristis</i>	(Linnaeus, 1766)	R
98	Jungle Myna	Sturnidae	<i>Acridotheres fuscus</i>	(Wagler, 1827)	R
99	Indian Blackbird	Turdidae	<i>Turdus simillimus</i>	Jerdon, 1839	R
100	Orange-headed Thrush	Turdidae	<i>Geokichla citrina</i>	(Latham, 1790)	R
101	Bar-winged Flycatcher- Shrike	Vangidae	<i>Hemipus picatus</i>	(Sykes, 1832)	R
102	Common Woodshrike	Vangidae	<i>Tephrodornis pondicerianus</i>	(J.F. Gmelin, 1789)	R

Order Pelecaniformes

103	Black-crowned Night Heron	Ardeidae	<i>Nycticorax nycticorax</i>	(Linnaeus, 1758)	R
104	Cattle Egret	Ardeidae	<i>Bubulcus ibis</i>	(Linnaeus, 1758)	R
105	Grey Heron	Ardeidae	<i>Ardea cinerea</i>	Linnaeus, 1758	M
106	Indian Pond Heron	Ardeidae	<i>Ardeola grayii</i>	(Sykes, 1832)	R
107	Striated Heron	Ardeidae	<i>Butorides striata</i>	(Linnaeus, 1758)	R
108	Little Egret	Ardeidae	<i>Egretta garzetta</i>	(Linnaeus, 1766)	R
109	Purple Heron	Ardeidae	<i>Ardea purpurea</i>	Linnaeus, 1766	R
110	Western Reef Egret	Ardeidae	<i>Egretta gularis</i>	(Bosc, 1792)	R
111	Little Cormorant	Phalacrocoracidae	<i>Microcarbo niger</i>	(Vieillot, 1817)	M
112	Indian Cormorant	Phalacrocoracidae	<i>Phalacrocorax fuscicollis</i>	Stephens, 1826	R

Order Piciformes					
113	Brown-Headed Barbet	Ramphastidae	<i>Psilopogon zeylanicus</i>	(J.F. Gmelin, 1788)	R
114	Coppersmith Barbet	Ramphastidae	<i>Psilopogon haemacephalus</i>	(Statius Muller, 1776)	R
115	White-cheeked Barbet	Ramphastidae	<i>Psilopogon viridis</i>	(Boddaert, 1783)	ER
116	Black-rumped Flameback	Picidae	<i>Dinopium benghalense</i>	(Linnaeus, 1758)	R
117	Brown-capped Pygmy Woodpecker	Picidae	<i>Dendrocopos moluccensis</i>	(J.F. Gmelin, 1788)	R
118	Rufous Woodpecker	Picidae	<i>Micropternus brachyurus</i>	(Vieillot, 1818)	R
119	White-Naped Woodpecker	Picidae	<i>Chrysocolaptes festivus</i>	(Boddaert, 1783)	R
120	Yellow-crowned Woodpecker	Picidae	<i>Dendrocopos mahrattensis</i>	(Latham, 1801)	R
Order Psittaciformes					
121	Alexandrine Parakeet	Psittaculidae	<i>Psittacula eupatria</i>	(Linnaeus, 1766)	NPR
122	Plum-headed Parakeet	Psittaculidae	<i>Psittacula cyanocephala</i>	(Linnaeus, 1766)	R
123	Rose-ringed Parakeet	Psittaculidae	<i>Psittacula krameri</i>	(Scopoli, 1769)	R
124	Vernal Hanging Parrot	Psittaculidae	<i>Loriculus vernalis</i>	(Sparman, 1787)	R
Order Strigiformes					
125	Brown Hawk Owl	Strigidae	<i>Ninox scutulata</i>	(Raffles, 1822)	R
126	Brown Wood Owl	Strigidae	<i>Strix leptogrammica</i>	Temminck, 1832	R
127	Jungle Owlet	Strigidae	<i>Glaucidium radiatum</i>	(Tickell, 1833)	R
128	Oriental Scops Owl	Strigidae	<i>Otus sunia</i>	(Hodgson, 1836)	R
129	Spotted Owlet	Strigidae	<i>Athene brama</i>	(Temminck, 1821)	R
130	Barn Owl	Tytonidae	<i>Tyto alba</i>	(Scopoli, 1769)	R

Checklist of Birds of Alibaug, District Raigad, Maharashtra, India

Pravin Kawle and Vaibhav Deshmukh

(Email: kawale.pravin@gmail.com; drvaibhav@gmail.com)

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Blue and White Flycatcher

Introduction

Alibaug is a coastal town and headquarter of Raigad district of Maharashtra. Alibaug is located about 120 km south of Mumbai, at 18°38'29"N 72°52'20"E. The average elevation is 0 metres ASL. East-west extent of Alibaug is about 10 Km and North South extent is around 40 Km. Temperature of Alibaug ranges between 15°C to 36°C with heavy moisture in Monsoon and it is humid throughout the year with annual average rainfall of 3000 mm.

Study area and habitats:

Alibaug has various types of habitats including Coasts and Mangroves, Western Ghats, Moist Deciduous, Evergreen and Semi-Evergreen Forest Patches, Grass land and Paddy fields. Alibaug has a number of birding areas including Kankeshwar, Sidheshwar-Sagargad and Ramdharneshwar Hills in Western Ghats ranges and Revas, Revdanda, Akshi, Nagaon and Kihim Beaches serve as a home for thousands of migratory birds during the winter season. According to our field records, Alibaug has a rich biodiversity consisting of more than 900 plant species, 140 species of butterflies along with number of Birds, mammals and Reptiles.

Study period:

January 2000 till September 2018 in Alibaug region. Different habitats were visited 8 times per month in all seasons.

Highlights

The present checklist of Alibaug has 320 bird species in 79 Families and 198 Genera. There are 178 resident, 127 migrant and 15 resident - migrant species. Blue and White Flycatcher (*Cyanoptita cyanomelena*) was first time recoded in India on 10th of March 2012 at foothills of Sidheshwar (18°39'37.13"N and 72°56'09.25"E, Elevation:390 ft). Blue-and-white Flycatcher is very common in Korea where it is a summer visitor. It breeds in Japan,

Korea, parts of China and Russia. It winters in South East Asia (Vietnam, Cambodia, Thailand, Sumatra and Borneo).

The Woodchat Shrike (*Lanius senator*) is the first record from the Indian subcontinent from this region on September 7, 2013, at Varsoli beach near Alibaug by Mr. Parag Nadgaonkar. This Woodchat Shrike breeds in southern Europe, the Middle East and northwest

Africa, and winters in tropical Africa.

Acknowledgement: We thank Krys Kazmierczak and Craig Robinson for confirming the identification of Blue and white Flycatcher.

Table: Checklist of Birds of Alibaug
(Abbreviations: R-Resident; M-Migrant; WPA-Wildlife Protection Act Schedules I and IV)

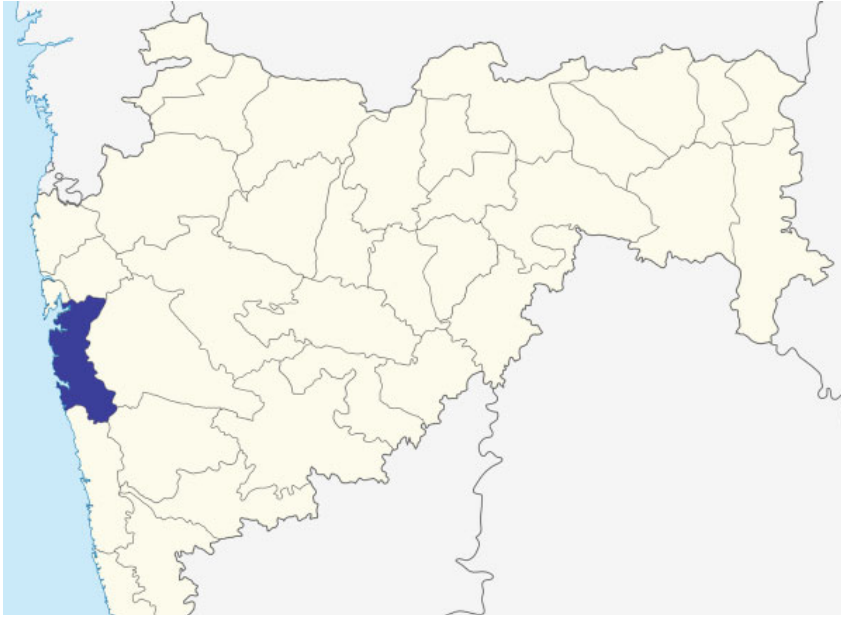
Sr. No	Family	Common English Name	Scientific Name	Status	WPA
1.	Podicipedidae	Little Grebe	<i>Tachybaptus ruficollis</i>	R	IV
2.	Phalacrocoracidae	Indian Cormorant	<i>Phalacrocorax fuscicollis</i>	R	IV
3.	Phalacrocoracidae	Great Cormorant	<i>Phalacrocorax carbo</i>	R	IV
4.	Phalacrocoracidae	Little Cormorant	<i>Phalacrocorax niger</i>	R	IV
5.	Anhingidae	Oriental Darter	<i>Anhinga melanogaster</i>	R	IV
6.	Ardeidae	Western Reef-Egret	<i>Egretta gularis</i>	R	IV
7.	Ardeidae	Little Egret	<i>Egretta garzetta</i>	R	IV
8.	Ardeidae	Great Egret	<i>Ardea alba</i>	R	IV
9.	Ardeidae	Intermediate Egret	<i>Mesophoyx intermedia</i>	R	IV
10.	Ardeidae	Cattle Egret	<i>Bubulcus ibis</i>	R	IV
11.	Ardeidae	Grey Heron	<i>Ardea cinerea</i>	R	IV
12.	Ardeidae	Purple Heron	<i>Ardea purpurea</i>	R	IV
13.	Ardeidae	Indian Pond-Heron	<i>Ardeola grayii</i>	R	IV
14.	Ardeidae	Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	R	IV
15.	Ardeidae	Chestnut Bittern	<i>Ixobrychus cinnamomeus</i>	R	IV
16.	Ciconiidae	Asian Openbill	<i>Anastomus oscitans</i>	R	IV
17.	Ciconiidae	White Stork	<i>Ciconia ciconia</i>	M	IV
18.	Ciconiidae	Asian Woollyneck (Woolly-necked Stork)	<i>Ciconia episcopus</i>	R	IV
19.	Ciconiidae	Painted Stork	<i>Mycteria leucocephala</i>	RM	IV
20.	Ciconiidae	Black Stork	<i>Ciconia nigra</i>	M	IV
21.	Threskiornithidae	Glossy Ibis	<i>Plegadis falcinellus</i>	R	IV
22.	Threskiornithidae	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	R	IV
23.	Threskiornithidae	Eurasian Spoonbill	<i>Platalea leucorodia</i>	RM	IV
24.	Threskiornithidae	Red-naped Ibis	<i>Pseudibis papillosa</i>	R	IV
25.	Phoenicopteridae	Lesser Flamingo	<i>Phoenicopeterus minor</i>	RM	IV
26.	Phoenicopteridae	Greater Flamingo	<i>Phoenicopeterus roseus</i>	RM	IV
27.	Anatidae	Lesser Whistling-Duck	<i>Dendrocygna javanica</i>	R	IV
28.	Anatidae	Ruddy Shelduck	<i>Tadorna ferruginea</i>	M	IV
29.	Anatidae	Comb Duck	<i>Sarkidiornis melanotos</i>	R	IV
30.	Anatidae	Common Teal	<i>Anas crecca</i>	M	IV
31.	Anatidae	Garganey	<i>Anas querquedula</i>	M	IV
32.	Anatidae	Gadwall	<i>Anas strepera</i>	M	IV

33.	Anatidae	Eurasian Wigeon	<i>Anas penelope</i>	M	IV
34.	Anatidae	Northern Shoveler	<i>Anas clypeata</i>	M	IV
35.	Anatidae	Northern Pintail	<i>Anas acuta</i>	M	IV
36.	Anatidae	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>	R	IV
37.	Anatidae	Mallard	<i>Anas platyrhynchos</i>	M	IV
38.	Anatidae	Ferruginous Duck	<i>Aythya nyroca</i>	M	IV
39.	Anatidae	Common Pochard	<i>Aythya ferina</i>	M	IV
40.	Anatidae	Cotton Pygmy-Goose	<i>Nettapus coromandelianus</i>	R	IV
41.	Accipitridae	Black-winged Kite	<i>Elanus caeruleus</i>	R	IV
42.	Accipitridae	Brahminy Kite	<i>Haliastur indus</i>	R	I
43.	Accipitridae	Black Kite	<i>Milvus migrans</i>	R	I
44.	Accipitridae	Black-eared Kite	<i>Milvus lineatus</i>	M	IV
45.	Accipitridae	Shikra	<i>Accipiter badius</i>	R	I
46.	Accipitridae	Eurasian Sparrowhawk	<i>Accipiter nisus</i>	M	I
47.	Accipitridae	Common Buzzard	<i>Buteo buteo</i>	RM	I
48.	Accipitridae	Long-legged Buzzard	<i>Buteo rufinus</i>	RM	I
49.	Accipitridae	Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	R	I
50.	Accipitridae	White-eyed Buzzard	<i>Butastur teesa</i>	R	I
51.	Accipitridae	Crested Serpent-Eagle	<i>Spilornis cheela</i>	R	I
52.	Accipitridae	Short-toed Snake-Eagle	<i>Circaetus gallicus</i>	R	I
53.	Accipitridae	Rufous-bellied Hawk Eagle	<i>Lophotriorchis kienerii</i>	M	I
54.	Accipitridae	Booted Eagle	<i>Hieraaetus pennatus</i>	M	I
55.	Accipitridae	Bonelli's Eagle	<i>Aquila fasciata</i>	R	I
56.	Accipitridae	Crested Hawk-Eagle	<i>Nisaetus cirrhatus</i>	R	I
57.	Accipitridae	Black Eagle	<i>Ictinaetus malayensis</i>	R	I
58.	Accipitridae	Indian Spotted Eagle	<i>Clanga hastata</i>	M	I
59.	Accipitridae	Greater Spotted Eagle	<i>Clanga clanga</i>	M	I
60.	Accipitridae	Steppe Eagle	<i>Aquila nipalensis</i>	M	I
61.	Accipitridae	Tawny Eagle	<i>Aquila rapax</i>	M	I
62.	Accipitridae	Eastern Imperial Eagle	<i>Aquila heliaca</i>	M	I
63.	Pandionidae	Osprey	<i>Pandion haliaetus</i>	R	I
64.	Accipitridae	White-bellied Sea-Eagle	<i>Haliaeetus leucogaster</i>	R	I
65.	Accipitridae	White-rumped Vulture	<i>Gyps bengalensis</i>	R	I
66.	Accipitridae	Indian Vulture	<i>Gyps indicus</i>	R	I
67.	Accipitridae	Egyptian Vulture	<i>Neophron percnopterus</i>	M	I
68.	Accipitridae	Montagu's Harrier	<i>Circus pygargus</i>	M	I
69.	Accipitridae	Pallid Harrier	<i>Circus macrourus</i>	M	I
70.	Accipitridae	Western Marsh-Harrier	<i>Circus aeruginosus</i>	M	I
71.	Falconidae	Common Kestrel	<i>Falco tinnunculus</i>	M	IV
72.	Falconidae	Oriental Hobby	<i>Falco severus</i>	M	IV
73.	Falconidae	Eurasian Hobby	<i>Falco subbuteo</i>	M	IV
74.	Falconidae	Amur Falcon	<i>Falco amurensis</i>	M	IV

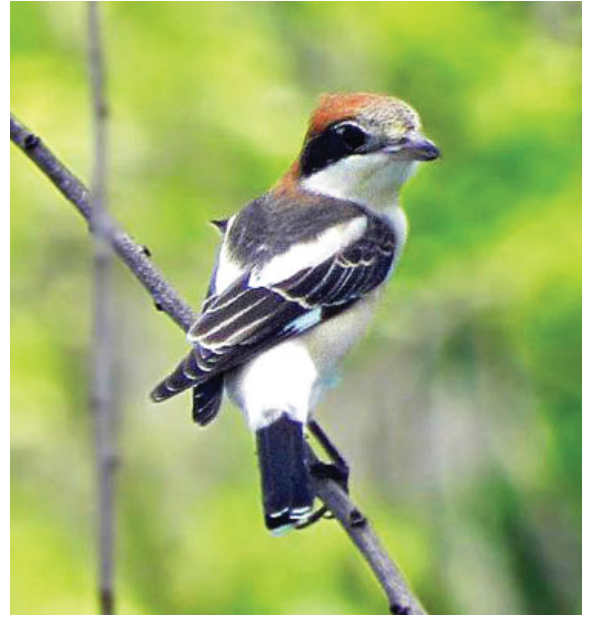
75.	Falconidae	Peregrine Falcon	<i>Falco peregrines calidus</i>	M	I
76.	Falconidae	Shaheen Falcon	<i>Falco peregrines peregrinator</i>	R	I
77.	Phasianidae	Jungle Bush-Quail	<i>Perdica asiatica</i>	R	IV
78.	Phasianidae	Barred button Quail	<i>Tumixsuscitator</i>	R	IV
79.	Phasianidae	Red Spurfowl	<i>Galloperdix spadicea</i>	R	IV
80.	Phasianidae	Grey Junglefowl	<i>Gallus sonneratii</i>	R	IV
81.	Phasianidae	Indian Peafowl	<i>Pavo cristatus</i>	R	I
82.	Turnicidae	Yellow-legged Buttonquail	<i>Turnix tanki</i>	R	IV
83.	Turnicidae	Barred button Quail	<i>Turnix suscitator</i>	R	IV
84.	Rallidae	Slaty-legged Crake	<i>Rallina eurizonoides</i>	R	IV
85.	Rallidae	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	R	IV
86.	Rallidae	Watercock	<i>Gallicrex cineria</i>	R	IV
87.	Rallidae	Purple Swamphen	<i>Porphyrio porphyrio</i>	R	IV
88.	Rallidae	Common Moorhen	<i>Gallinula chloropus</i>	R	IV
89.	Rallidae	Eurasian Coot	<i>Fulica atra</i>	RM	IV
90.	Scolopacidae	Common snipe	<i>Gallinago gallinago</i>	M	IV
91.	Rostratulidae	Greater Painted Snipe	<i>Rostratula benghalensis</i>	M	IV
92.	Dromadidae	Crab Plover	<i>Dromas ardeola</i>	M	IV
93.	Recurvirostridae	Black-winged Stilt	<i>Himantopus himantopus</i>	R M	IV
94.	Haemantopodidae	Eurasian Oystercatcher	<i>Haematopus ostralegus</i>	M	IV
95.	Jacaniidae	Bronze-winged Jacana	<i>Metopidius indicus</i>	R	IV
96.	Jacaniidae	Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	R	IV
97.	Glareolidae	Small Pratincole	<i>Glareola lactea</i>	M	IV
98.	Charadriidae	Red-wattled Lapwing	<i>Vanellus indicus</i>	R	IV
99.	Charadriidae	Yellow-wattled Lapwing	<i>Vanellus malabaricus</i>	R	IV
100.	Charadriidae	Pacific Golden-Plover	<i>Pluvialis fulva</i>	M	IV
101.	Charadriidae	Greater Sand-Plover	<i>Charadrius leschenaultii</i>	M	IV
102.	Charadriidae	Lesser Sand-Plover	<i>Charadrius mongolus</i>	M	IV
103.	Charadriidae	Common Ringed Plover	<i>Charadrius hiaticula</i>	M	IV
104.	Charadriidae	Little Ringed Plover	<i>Charadrius dubius</i>	M	IV
105.	Charadriidae	Kentish Plover	<i>Charadrius alexandrinus</i>	RM	IV
106.	Scolopacidae	Eurasian Curlew	<i>Numenius arquata</i>	M	IV
107.	Scolopacidae	Whimbrel	<i>Numenius phaeopus</i>	M	IV
108.	Scolopacidae	Western Black-tailed Godwit	<i>Limosa limosa</i>	M	IV
109.	Scolopacidae	Bar-tailed Godwit	<i>Limosa lapponica</i>	M	IV
110.	Scolopacidae	Terek Sandpiper	<i>Xenus cinereus</i>	M	IV
111.	Scolopacidae	Common Greenshank	<i>Tringa nebularia</i>	M	IV
112.	Scolopacidae	Wood Sandpiper	<i>Tringa glareola</i>	M	IV
113.	Scolopacidae	Green Sandpiper	<i>Tringa ochropus</i>	M	IV
114.	Scolopacidae	Common Sandpiper	<i>Actitis hypoleucos</i>	RM	IV
115.	Scolopacidae	Marsh Sandpiper	<i>Tringa stagnatilis</i>	M	IV
116.	Scolopacidae	Common Redshank	<i>Tringa totanus</i>	M	IV

117.	Scolopacidae	Ruddy Turnstone	<i>Arenaria interpres</i>	M	IV
118.	Scolopacidae	Broad-billed Sandpiper	<i>Calidris falcinellus</i>	M	IV
119.	Scolopacidae	Ruff	<i>Calidris pugnax</i>	M	IV
120.	Scolopacidae	Great Knot	<i>Calidris tenuirostris</i>	M	IV
121.	Scolopacidae	Curlew Sandpiper	<i>Calidris ferruginea</i>	M	IV
122.	Scolopacidae	Dunlin	<i>Calidris alpina</i>	M	IV
123.	Scolopacidae	Temminck's Stint	<i>Calidris temminckii</i>	M	IV
124.	Scolopacidae	Little Stint	<i>Calidris minuta</i>	M	IV
125.	Scolopacidae	Sanderling	<i>Calidris alba</i>	M	IV
126.	Stercoraridae	Brown Skua	<i>Catharacta antarctica</i>	M	IV
127.	Stercoraridae	Artic skua	<i>Stercorarius parasiticus</i>	M	IV
128.	Oceanitidae	Wilson's Storm Petrel	<i>Oceanites oceanicus</i>	M	IV
129.	Laridae	Heuglin's Gull	<i>Larus heuglini</i>	M	IV
130.	Laridae	Steppe Gull	<i>Larus barabensis</i>	M	IV
131.	Laridae	Pallas's Gull	<i>Larus ichthyaetus</i>	M	IV
132.	Laridae	Slender-billed Gull	<i>Chroicocephalus genei</i>	M	IV
133.	Laridae	Black-legged Kittiwake	<i>Rissa tridactyla</i>	M	IV
134.	Laridae	Brown-headed Gull	<i>Chroicocephalus brunnicephalus</i>	M	IV
135.	Laridae	Yellow legged Gull	<i>Larus cachinnaus</i>	M	IV
136.	Laridae	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	M	IV
137.	Sternidae	Little Tern	<i>Sternula albifrons</i>	R	IV
138.	Sternidae	Common Tern	<i>Sterna hirundo</i>	M	IV
139.	Sternidae	Gull-billed Tern	<i>Gelochelidon nilotica</i>	M	IV
140.	Sternidae	River Tern	<i>Sterna aurantia</i>	M	IV
141.	Sternidae	Bridled Tern	<i>Sterna anaethetus</i>	M	IV
142.	Sternidae	Sooty Tern	<i>Sterna fuscata</i>	M	IV
143.	Sternidae	Sandwich Tern	<i>Thalasseus sandvicensis</i>	M	IV
144.	Sternidae	Lesser Crested Tern	<i>Thalasseus bengalensis</i>	M	IV
145.	Sternidae	Great Crested Tern	<i>Thalasseus bergii</i>	M	IV
146.	Sternidae	Caspian Tern	<i>Hydroprogne caspia</i>	M	IV
147.	Sternidae	Whiskered Tern	<i>Chlidonias hybrida</i>	RM	IV
148.	Rynchopidae	Indian Skimmer	<i>Rynchops albicollis</i>	RM	IV
149.	Columbidae	Blue Rock Pigeon	<i>Columba livia</i>	R	IV
150.	Columbidae	Oriental Turtle-Dove	<i>Streptopelia orientalis</i>	R	IV
151.	Columbidae	Laughing Dove	<i>Streptopelia senegalensis</i>	R	IV
152.	Columbidae	Spotted Dove	<i>Streptopelia chinensis</i>	R	IV
153.	Columbidae	Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	R	IV
154.	Columbidae	Emerald Dove	<i>Chalcophaps indica</i>	R	IV
155.	Columbidae	Orange-breasted Green Pigeon	<i>Treron bicinctus</i>	R	IV
156.	Columbidae	Yellow-footed Green-Pigeon	<i>Treron phoenicopterus</i>	R	IV
157.	Psittacidae	Vernal Hanging-Parrot	<i>Loriculus vernalis</i>	R	IV
158.	Psittacidae	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>	R	IV

159.	Psittacidae	Rose-ringed Parakeet	<i>Psittacula krameri</i>	R	IV
160.	Psittacidae	Alexandrine Parakeet	<i>Psittacula eupatria</i>	R	IV
161.	Cuculidae	Grey-bellied Cuckoo	<i>Cacomantis passerinus</i>	R	IV
162.	Cuculidae	Banded Bay Cuckoo	<i>Cacomantis sonneratii</i>	R	IV
163.	Cuculidae	Jacobin Cuckoo	<i>Clamator jacobinus</i>	M	IV
164.	Cuculidae	Asian Koel	<i>Eudynamys scolopaceus</i>	R	IV
165.	Cuculidae	Eurasian Cuckoo	<i>Cuculus caronus</i>	M	IV
166.	Cuculidae	Common Hawk-Cuckoo	<i>Hierococcyx varius</i>	R	IV
167.	Cuculidae	Blue-faced Malkoha	<i>Phaenicophaeus viridirostris</i>	R	IV
168.	Cuculidae	Sirkeer Malkoha	<i>Phaenicophaeus leschenaultii</i>	R	IV
169.	Cuculidae	Greater Coucal	<i>Centropus sinensis</i>	R	IV
170.	Tytonidae	Barn Owl	<i>Tyto alba</i>	R	IV
171.	Strigidae	Brown Hawk-Owl	<i>Ninox scutulata</i>	R	IV
172.	Strigidae	Brown Wood-Owl	<i>Strix leptogrammica</i>	R	IV
173.	Strigidae	Brown Fish-Owl	<i>Ketupa zeylonensis</i>	R	IV
174.	Strigidae	Indian Eagle-Owl	<i>Bubo bengalensis</i>	R	IV
175.	Strigidae	Short-eared Owl	<i>Asio flammeus</i>	M	IV
176.	Strigidae	Spotted Owlet	<i>Athene brama</i>	R	IV
177.	Strigidae	Jungle Owlet	<i>Glaucidium radiatum</i>	R	IV
178.	Podargidae	Sri Lanka Frogmouth	<i>Batrachostomus moniliger</i>	R	I
179.	Caprimulgidae	Grey Nightjar	<i>Caprimulgus jotaka</i>	R	IV
180.	Caprimulgidae	Jerdon's Nightjar	<i>Caprimulgus atripennis</i>	R	IV
181.	Caprimulgidae	Savanna Nightjar	<i>Caprimulgus affinis</i>	M	IV
182.	Hemiprocnidae	Crested Treeswift	<i>Hemiprocte coronata</i>	R	IV
183.	Apodidae	Asian Palm-Swift	<i>Cypsiurus balasiensis</i>	R	IV
184.	Apodidae	Alpine Swift	<i>Apus melba</i>	M	IV
185.	Apodidae	House Swift	<i>Apus nipalensis</i>	R	IV
186.	Coraciidae	European Roller	<i>Coracias garrulus</i>	M	IV
187.	Coraciidae	Indian Roller	<i>Coracias benghalensis</i>	M	IV
188.	Upupidae	Eurasian Hoopoe	<i>Upupa epops</i>	M	IV
189.	Dacelonidae	Black-capped Kingfisher	<i>Halcyon pileata</i>	R	IV
190.	Dacelonidae	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	R	IV
191.	Cerylidae	Pied Kingfisher	<i>Ceryle rudis</i>	R	IV
192.	Alcedinidae	Common Kingfisher	<i>Alcedo atthis</i>	R	IV
193.	Alcedinidae	Oriental Dwarf Kingfisher	<i>Ceyx erithaca</i>	M	IV
194.	Meropidae	Blue-tailed Bee-eater	<i>Merops philippinus</i>	R	IV
195.	Meropidae	Green Bee-eater	<i>Merops orientalis</i>	R	IV
196.	Bucerotidae	Malabar Grey Hornbill	<i>Ocyrceros griseus</i>	R	IV
197.	Bucerotidae	Indian Grey Hornbill	<i>Ocyrceros birostris</i>	R	IV
198.	Megalaimidae	Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	R	IV
199.	Megalaimidae	White-cheeked Barbet	<i>Psilopogon viridis</i>	R	IV



Map of Study Area in Raigad District.



Woodchat Shrike



Great Knot



Eurasian Oystercatchers

Probable First Sighting of a Partially Leucistic *Terpsiphone paradisi* from India

Sudhakar Kurhade* and Sanjay Dalvi

* Sudhakar Kurhade: Professor of Zoology, New Arts, Commerce and Science College, Shevgaon – 414 502, (District: Ahmednagar), Maharashtra. Honorary Wildlife Warden (Govt. of Maharashtra), Riddhisiddhi, Vidya Colony, Near Ekvira Chowk, Pipeline Road, Ahmednagar – 414003, Maharashtra
sudhakarkurhade@gmail.com

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Referee: Satish Pande.



Photograph by : Sanjay Dalvi

Albinism and leucism are reported in several bird species by D'Abreu (1923), Sar (1987), Mahabal (1991), Grewal (2000), Salunkhe (2003), Sani and Kasambe (2006), Sonar and Shrivastava (2014), Trivedi (2016), Ram Mohan et. al. (2017) and many others. Albinism in birds is an uncommon phenomenon and has been reported in 72 different Indian bird species over a period of 129 years (Mahabal et al. 2016). The most obvious difference between albinism and leucism is in the colour of the eyes and bare parts: in an albino these are red, while in leucism they remain unaffected. A leucistic bird lacks pigment cells altogether and is therefore unable to deposit its feathers with melanin.

Ahmednagar district (Maharashtra) forms part of the great trap region of the Deccan. Though rainfall is uncertain in the district, sufficient rain was recorded for last four-five years (till 2018). Kapurwadi and Pimpalgaon Malavi are the two small water bodies nearby Ahmednagar city, the district head quarter. Dongargan (Latitude 19.2341333, Longitude 74.7638511) is a small village on the crest of the hill close to Pimpalgaon Malavi reservoir and is about 14 km from Ahmednagar city in northerly direction. The Dongargan region is also known as 'Happy Valley' as it is always flourished with number of grasses, shrubs and trees which keep the valley cool and pleasant all the year.

Asian Paradise-flycatcher *Terpsiphone paradisi*, a widespread resident of India, is also reported from Ahmednagar, Maharashtra (Kurhade, 1996 and 2015). The beautiful male is easily identified by long, white tail-streamers, jet blue-black head and black crest. We the members of Nisarga Mitra Mandal, Ahmednagar regularly visit nearby water bodies and surrounding areas for birding and photography.

On 17th March 2014, the second author (SD) while photographing the birds in Happy Valley, noticed a



White streaked crest of the male Asian Paradise Flycatcher

male Asian Paradise Flycatcher. The bird was male with long white tail-streamers and normal coloration except on the crest, which was white. While looking through the camera lens he noticed, that the crest was white streaked instead of usual black (Photo). Initially he thought that it might be due to reflected light. But on careful observation and further photographs it was confirmed that only the crest was white and the head was black as usual..

Next week other birders Bhairwnath Wakale, Rushikesh Lande, Vidyadhar Petkar and Prasad Katavkar visited the same place and photographed the same bird. There after we noticed the same bird several times in the same locality in successive years. This year in March 2018, few other bird photographers from Ahmednagar and other places visited the place and photographed the same bird from the same area. We were scanning the area keenly for last four years but could record only a single bird with leucism. In 72 species reported as albino or leucistic from different parts of India, Asian Paradise-flycatcher. Is not included (Mahabal et al, 2016). Therefore this could be the first report of leucistic Asian Paradise-flycatcher (*Terpsiphone paradisi*) from India.

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References:

- D'Abreu, E.A. (1923): Records of the Nagpur Museum, No.III, A Hand-list of the birds of the Central Provinces, Govt. Press, Nagpur. Pp. 1-65.
- Grewal, V. (2000): Birds of the Indian Subcontinent. Rare Albino Kingfisher (*Alcedo atthis*), Bharatpur, 1992.pp.XXXVII.
- Kurhade S. M. (1996): Avifauna of Ahmednagar. PAVO, 34: 53 – 59
- Kurhade Sudhakar (2015): Birds around Ahmednagar Fort, Maharashtra, India.
- Newsletter for Birdwatchers, 55 (4): 44-47. ISSN No. 0028-9426.
- Mahabal, Anil (1991): Cases of Albinism in House and Jungle Crows. Newsletter for Birdwatchers, 31 (9 &10): 24.
- Mahabal Anil, Hein van Grouw, Radheshyam Murlidhar Sharma & Sanjay Thakur (2016): Dutch Birding, 38: 301-309.
- Sani, T. & Kasambe, R. (2007): Photographic record of leucistic Jungle Babbler *Turdoides striata*. Indian Birds 3 (3): 112.
- Ram Mohan, M, M. Ravikanth, G, Surender and B. Laxmi Narayana (2017): A case of partial albinism in Red-vented Bulbul *Pycnonotus cafer* from Bejjur Reserved Forest, Telangana, India *Ela Journal of Forestry and Wildlife* 6(2): 387-388
- Salunkhe, P. S. (2003): Occurrence of mutant albino myna (*Acridotheres tristis*) at the Sulkai Hill near Vita in Maharashtra. Newsletter for Birdwatchers 43 (3): 42-43.
- Sar, C. K. (1987): Occurrence of albino Crow (*Corvus macrorhynchos*) in Bilaspur, Himachal Pradesh. Newsletter for Birdwatchers 27 (9 & 10): 15.
- Sani, T. & Kasambe, R. (2007): Photographic record of leucistic Jungle Babbler *Turdoides striata*. Indian Birds 3 (3): 112.
- Sonar Ganesh R. and Jatin J. Shrivastava (2014): Sighting of a Leucistic *Ploceus philippinus* Linn. from India, ZOO's PRINT, Volume XXIX, Number 10, 19 .
- Trivedi, R., (2016): Observations of some colour aberrations in birds seen in Gujarat. Indian BIRDS 12 (2&3): 74–75.

Recent Sighting of Red Phalarope *Phalaropus fulicarius* in Hatnur Dam Reservoir IBA, Maharashtra

Anil Mahajan and Sameer Neve

Chaatak Nature Conservation Society, Varangaon dist-Jalgaon

(Email: anil.birds@gmail.com)

Citation: Mahajan Anil and Sameer Neve (2018). Recent Sighting of Red Phalarope *Phalaropus fulicarius* in Hatnur Dam Reservoir IBA, Maharashtra.

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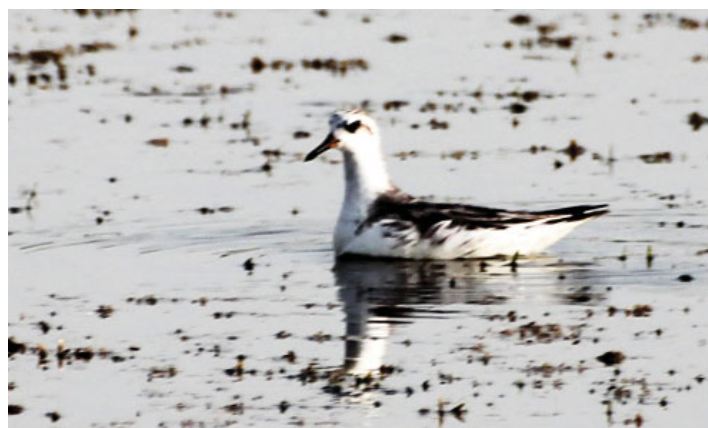
Date of Publication:

30 June 2018

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Red Phalarope of in non-breeding plumage

- **Name of species-** Red Phalarope.
- **Scientific Name-** *Phalaropus fulicarius*.
- **Status-** Least Concern. (IUCN Red List, 2015).
- **Date of sighting-** 10th May 2018.
- **Time of sighting-** 8:15 AM.
- **Weather parameters-** Sunny.
- **Number of times sighted-** Five days.
- **Number of birds-** Single.
- **Gender of bird-** Unidentified.
- **Locality-** Tahakali village, about 10 km from Varangaon town and about 22 km from Bhusawal city, close to Ordnance Factory Varangaon, Jalgaon district, Maharashtra.
- **Habitat description-** Mudflats including small ponds around grassy patches and baked land due to recession of dam water.
- **Distance from human habitation-** About 2-3 km.
- **Any other bird/animal associates-** One Ruff (with one leg broken), Two Pacific Golden Plovers, Eight Curlew Sandpipers, and three Kentish Plovers.
- **Bird behaviour-** Saw single bird feeding in a pond, around 100-150 feet from us, close to main water body of Tapi River. The bird was foraging and came close enabling an opportunity for photography. It had pale grey upperparts, stouter bill (than Red-necked Phalarope), with less conspicuous pale fringes and scapular stripes, hind crown black and fore crown white with black sides.
- **Threats to the habitat-** Over fishing and large growth of Ipomoea.
- **Photographs-** Attached.
- **Previous records-** Red Phalarope is a rare vagrant to the Indian subcontinent and this is only the 5th or 6th record. The first record was a specimen collected by Edward Blyth in Kolkata in May 1846. The next record was not until August 1987 from Rawalsar Lake in Pakistan. The other records are from Rajasthan. May 2013 in Nagpur and March 2016 at Bhigwan, Maharashtra.

Recent sighting of Grey headed lapwing (*Vanellus cinereus*) From Mudflats of Thane creek near Bhandup pumping station, Mumbai, Maharashtra, India

Omkar Dilip Adhikari¹

¹B/1972, 2 ND floor, Adarsh Co-op. Society, Pokharan RD No 1, Vartak Nagar, Thane (West),
Mumbai – 400 606, India. Email: adhikari.omkar3@gmail.com

Citation: Adhikari, O. D. (2018). Recent sighting of Grey headed lapwing (*Vanellus cinereus*) From Mudflats of Thane creek near Bhandup pumping station, Mumbai, Maharashtra, India.

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Referee: Pramod Deshpande.



- Name of species- Grey headed lapwing
- Scientific Name - *Vanellus cinereus*
- Status- Least Concern (IUCN 3.1)
- Date of sighting- 4 February 2018. Mudflats of Thane creek near Bhandup pumping station (19°08'02.3"N 72°57'44.2"E), Mumbai, Maharashtra, India.
- Time of sighting- 11.15 a.m.
- Weather parameters- Sunny.
- Number of times sighted- Once.
- Number of birds- 1.
- Gender of bird- Adult in non breeding plumage.
- Locality- Mudflats of Thane creek
- Habitat description – Open Mudflats on low tide.
- Distance from human habitation – 20 M.
- Any other bird/animal associates- No.
- Bird behaviour- Saw it foraging on mudflats.
- Threats- Habitat loss.
- Photographs- Attached.
- Previous records- According to following references, the same sighting was reported from nearby area like Dombivili and Kalyan in 2011 & 12. Earlier, The bird has been reported from elsewhere in the state, including, Gondia, Amravati, Jalgaon, Chiplun- Nashik.

REFERENCES:

- Kasambe, R., Wagh, G., Mahajan, A., Wadatkar, J. and Dhurve, M. (2012): Recent sighting records of Grey-headed Lapwing (*Vanellus cinereus*) in Maharashtra. Newsletter for Birdwatchers. 52(6):90-91+ one illustration on back cover.
- Palkar, S. B. (2010): First record of Grey-headed Lapwing (*Vanellus cinereus*) from Konkan. Newsletter for Birdwatchers. 50(5): 74.
- Prasad, A. (2003): Annotated checklist of the birds of Western Maharashtra. Buceros. 8(2&3): i–ii, pp. 55.

Interesting Record of an Albino Coot *Fulica atra* from Bhigwan, Pune district, Maharashtra, India

Sandip Nagare

(Email: sandipnagareagni@gmail.com)

Citation: Nagare Sandip (2018). Interesting Record of an Albino Coot *Fulica atra* from Bhigwan, Pune district, Maharashtra, India.

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Referee: Satish Pande & Satyajit Gujar.



- **Name of species** -Eurasian Coot
- **Scientific name**-*Fulica atra*
- **Status:** Common.
- **Date of sighting** -2 February 2018.
- **Weather parameters** – Clear and sunny.
- **Number of sightings** - 10-12 times.
- **Numbers of bird's**- Single albino coot.
- **Gender of the bird** - Unknown.
- **Locality** - Kumbhargaoon Bird Sanctuary, Bhigwan,, Maharashtra.
- **Habitat description** – Riverside. Reed grass on the shallow banks of the Bhima River.
- **Distance from human habitation** - 2-3 km
- **Any other birds** - Flock of coots in normal plumage.
- **Bird description:** The Eurasian Coot had an entire white plumage, contrary to the black plumage that it generally has. The beak was pink and eyes were red. The color of the legs could not be evaluated since the coot was always seen swimming in water.
- **Bird behavior** - Coots were feeding in flocks. The albino coot was very shy.
- **Photograph** – Attached. It was taken from 30 to 35 m from the albino coot.
- **Precious records** –Not known to me. None from the Bhigwan area.



Photograph by : Sandip Nagare

Albino Eurasian Coot

Recent Record of Flavinism in Rose-ringed Parakeet *Psittacula krameri* in Purandar, District Pune, Maharashtra

*Satish Pande, Rahul Lonkar, Rajkumar Pawar and Abhiram Rajandekar

(* Director, Ela foundation, Pune; Email: pande.satish@gmail.com)

Citation: Pande Satish, Rahul Lonkar, Rajkumar Pawar and Abhiram Rajandekar (2018). Recent Record of Flavinism in Rose-ringed Parakeet *Psittacula krameri* in Purandar, District Pune, Maharashtra.
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Referee: Jeet Singh.



Photograph by : Rajkumar Pawar

Flavinistic & normal Rose-ringed Parakeets

- **Name of Species:-** Rose-ringed Parakeet
- **Scientific Name:** *Psittacula krameri*
- **Status:** - Least Concern (IUCN 3.1)
- **Date of sighting:-** 4 March, 2018
- **Time of sighting:-** 09.45 AM
- **Weather parameters:** - Sunny
- **Number of times sighted:** - Once
- **Number of birds:** - Single
- **Gender of bird:** Unknown.
- **Locality:** - At village Rakh, Tal- Purandar, Dist- Pune
- **Habitat description:** - Rural outskirts, agricultural.
- **Distance from human habitation:-** 0 km
- **Any other bird/animal associates:** Several individuals of Rose-ringed Parakeet were seen with normal plumage, Red-vented Bulbul, House Crow, Rosy Starling, House Sparrow and Indian Grey Hornbill were also seen on the same tree.
- **Bird Behaviour:** - The flavinistic parakeet had yellow coloured plumage, instead of green, but the tail feathers retained faint blue colour. The beak was red. Hence, it was classified as a case of partial flavinism. It was feeding on *figus* fruits.
- **Threats to the habitat:** - Habitat modification
- **Photographs:** - Attached
- **Previous records:** - In 2014, one flavinistic Rose-ringed Parakeet was sighted at Daund, Dist, Pune (Per. Com. Pralhad Jadhav). In 2017, one flavinistic Rose-ringed Parakeet sighted at Kolvihire, Tal Purandaar, Dist Pune (Pers. Com. Dr. Omkar Sumant).

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- Cover Photograph : Vaibhav Gandhe (Brown Fish Owl)
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