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Cover: Freshly emerged Footman Moth *Nepita conferta* from the cocoon on a brightly painted wall in the Nilgiris. Digital art on Procreate. © Aakanksha Komanduri.



INTRODUCTION

Avian diversity is an important component of forest ecosystems, as the avifauna composition in any landscape helps in conservation and associated ecosystems (Byju et al. 2025). Birds are involved in pollination, seed dispersal, insect predation, and the consumption of various resources. They are also widely used as indicators of habitat quality and function as indicators of the areas they inhabit (Blair 1999; Michel et al. 2020; Ceia et al. 2023).

Of the 1,353 species and subspecies of avifauna reported from the Indian subcontinent (Naveen et al. 2025), approximately 700 species have been recorded in Assam, a northeastern state of India. Owing to its location in the eastern Himalaya and the Brahmaputra River basin, the state supports bird populations in Important Bird and Biodiversity Areas (IBAs) as well as in urban and semi-urban sites, including institutional campuses (Bhaduri & Rathod 2022; BirdLife International 2022).

Monitoring bird populations can yield valuable information on the health of ecosystems (Fraixedas et al. 2020). Substantial contributions have been made to study the diversity, distribution, and ecology of birds in Assam in recent years (Barua & Sharma 2005; Choudhury 2006; Das & Deori 2010; Ahmed & Dey 2014; Chakdar et al. 2019; Kakati et al. 2022; Rahmani et al. 2023). But many areas remain to be studied. Therefore, extensive surveys are required to uncover all such unexplored regions.

In this context, the present study was conducted in the Raha sub-district of Nagaon, Assam. Despite its proximity to forested and riverine habitats, no avifaunal documentation from this region has been reported. Therefore, the current study provides the first avian checklist for the area and establishes baseline data for future ecological research and conservation initiatives.

MATERIALS AND METHODS

Study Area

The study was conducted in Raha sub-district of Nagaon, located in central Assam within the Nagaon Forest Division. The surveyed villages include Amsoi, Niz-Chahari, Balichara, Boralimari, and Pachim Bula, situated between 26.116°–26.179° N and 92.424°–92.438° E (Image 1). The surveyed villages are located within a 46 km² landscape that exhibits marked topographical and ecological variability. The area is bordered by the reserved forests of the western division of the Nagaon

Forest Division and the Karbi Hills to the south, while the Kopili River flows along the northern boundary. A water channel formed by the Kopili River, locally known as 'Bula' is also present in the area. The landscape is composed of riverine and hilly terrain with paddy fields, human settlements, open forests, moderately dense hill forests, and floodplain habitats, such as swamps and marshes, with emergent vegetation.

Bird surveys

The study was conducted from February 2024 to May 2025 using the point count method, with each count lasting 15 minutes (Drapeau et al. 1999). A total of 11 fixed point count stations were established across the study landscape, spaced 1.5–2.5 km apart and collectively visited 120 times during the study period (Naveen et al. 2025). The points were selected to represent the major habitat types present in the area, including paddy fields, human settlements, open forests, moderately dense hill forests, and floodplain habitats such as swamps and marshes with emergent vegetation. As the objective was to compile a species list, point counts with an unlimited radius were applied (Bibby et al. 2000). All birds that were seen and heard were recorded. Surveys were carried out between 0600–0900 h and 1500–1700 h by teams of two to three observers, and GPS coordinates were collected at each point. Field surveys were conducted four days per week. Birds were observed with a spotting scope (20 × 60) and a Nikon D5600 camera, and identification was performed using standard field guides (Grimmett et al. 2016). Taxonomy followed the Clements et al. (2023). The migratory status of the birds is given as per Billerman et al. (2022).

RESULTS

A total of 101 bird species were recorded, distributed across 17 orders and 41 families. Passeriformes was the dominant order with 45 species, followed by Pelecaniformes with eight species, Charadriiformes with seven species, Piciformes with six species, Accipitriformes and Coraciiformes with five species each, and Columbiformes with four species (Table 1; Figure 1; Image 2–5). Orders such as Anseriformes, Gruiformes, Cuculiformes, Falconiformes, Ciconiiformes, Psittaciformes, Strigiformes, and Suliformes were represented by fewer species. Among the recorded families, Ardeidae contributed the highest number of species (seven), followed by Sturnidae (six), Accipitridae (five), Columbidae, Muscicapidae, and Picidae (four

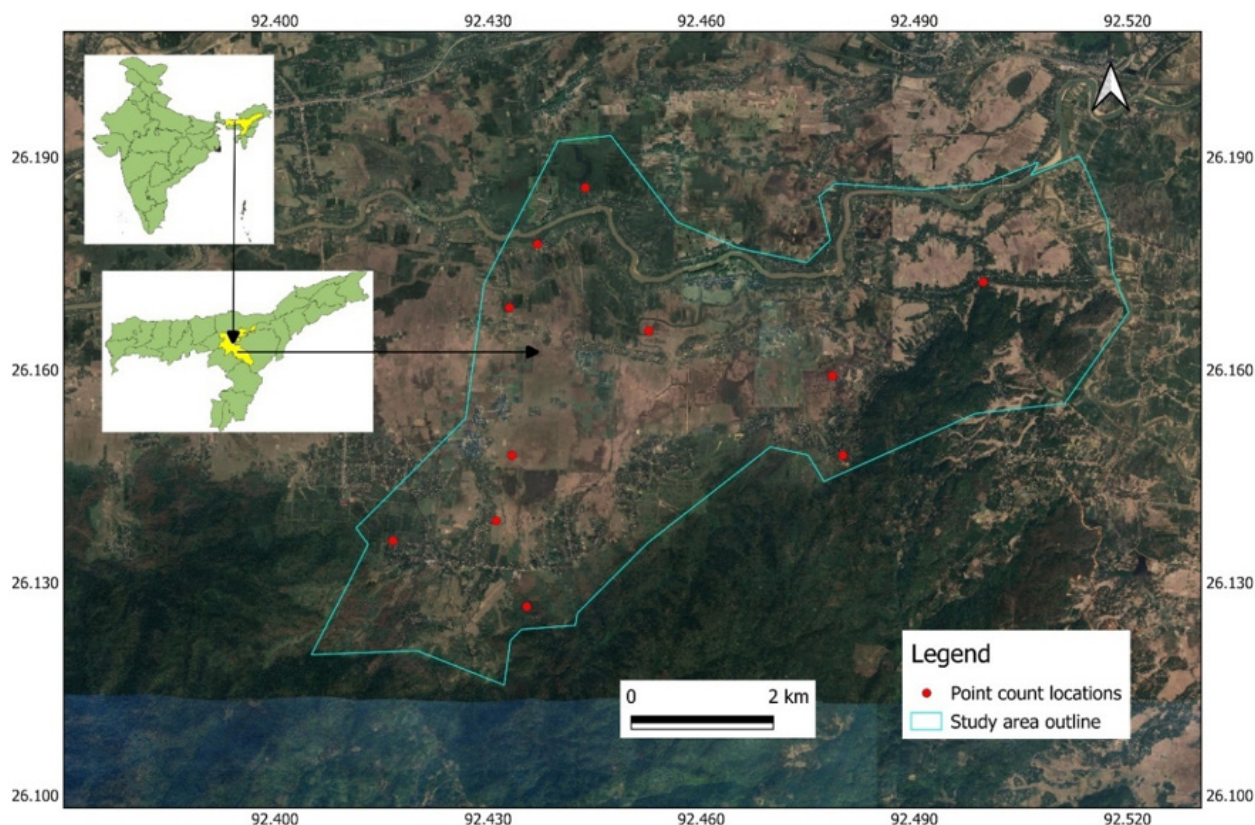


Image 1. Location map of the study area showing point count locations.

each). Families such as Charadriidae, Cuculidae, Rallidae, Motacillidae, Nectariniidae, and Psittaculidae were represented by three species each, while Falconidae, Alcedinidae, Alaudidae, Cisticolidae, Corvidae, Dicruridae, Laniidae, Passeridae, Phylloscopidae, Pycnonotidae, and Phalacrocoracidae had two species each. The remaining families, including Anatidae, Bucerotidae, Upupidae, Jacanidae, Laridae, Scolopacidae, Ciconiidae, Coraciidae, Meropidae, Aegithinidae, Campephagidae, Chloropseidae, Estrildidae, Hirundinidae, Leiothrichidae, Monarchidae, Oriolidae, Ploceidae, Stenostiridae, Turdidae, Vangidae, Zosteropidae, Threskiornithidae, Megalaimidae, Anhingidae, and Strigidae, were each represented by a single species (Table 1). With respect to conservation status, 96 species were listed as 'Least Concern', three species as 'Near Threatened', and two species as 'Vulnerable' on the IUCN Red List. Residency patterns showed that 81 species were resident, 19 were winter migrants, and one summer migrant.

DISCUSSION

This study recorded 101 bird species across 17 orders and 41 families, comparable to the 228 species from 18 orders and 64 families reported in the Suang Reserve Forest, Assam (Bora et al. 2024). The higher representation of Passeriformes with 45 species indicates the presence of heterogeneous habitat types in the study area (Hilaluddin & Sharma 2008). Such patterns suggest that the forest supports good habitat quality and retains significant biodiversity value (Saikia & Rabha 2006; Byju et al. 2023).

Species including the Common Hoopoe *Upupa epops*, Oriental Turtle Dove *Streptopelia orientalis*, Red Collared Dove *Streptopelia tranquebarica*, Spotted Dove *Spilopelia chinensis*, Yellow-footed Green Pigeon *Treron phoenicopterus*, Indochinese Roller *Coracias affinis*, Common Hawk-Cuckoo *Hierococyx varius*, Bengal Bush Lark *Mirafra assamica*, Ashy Woodswallow *Artamus fuscus*, Golden-fronted Leafbird *Chloropsis aurifrons*, Common Tailorbird *Orthotomus sutorius*, Zitting Cisticola *Cisticola juncidis*, House Crow *Corvus splendens*, Rufous Treepie *Dendrocitta vagabunda*, Black Drongo *Dicrurus macrocercus*, White-rumped Munia *Lonchura*

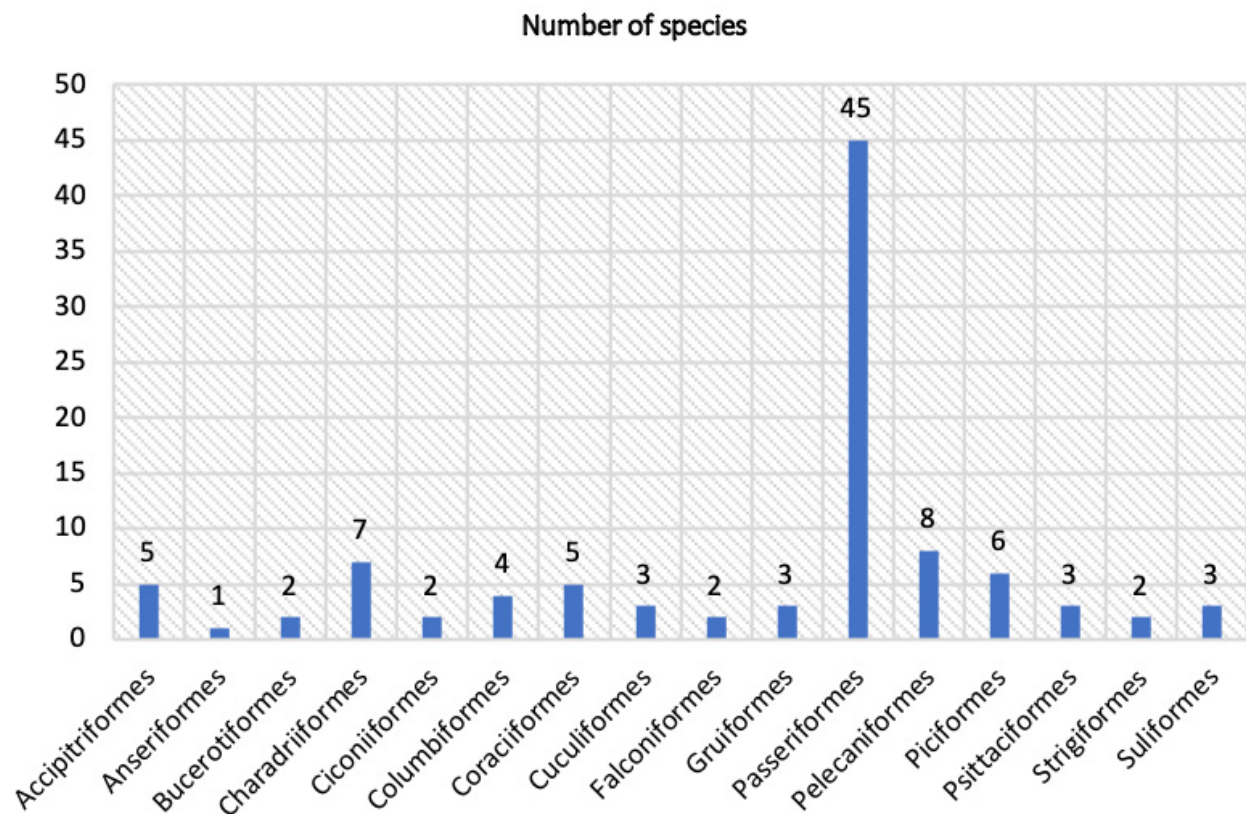


Figure 1. Order-wise species richness of avian fauna in the study area.

striata, Jungle Babbler *Argya striata*, Oriental Magpie-Robin *Copsychus saularis*, Crimson Sunbird *Aethopyga siparaja*, Little Spiderhunter *Arachnothera longirostra*, Black-hooded Oriole *Oriolus xanthornus*, Red-vented Bulbul *Pycnonotus cafer*, Black-crested Bulbul *Rubigula flaviventris*, Grey-headed Canary Flycatcher *Culicicapa ceylonensis*, Indian Pied Starling *Gracupica contra*, Chestnut-tailed Starling *Sturnia malabarica*, Common Myna *Acridotheres tristis*, Jungle Myna *Acridotheres fuscus*, Indian White-eye *Zosterops palpebrosus*, Blue-throated Barbet *Psilopogon asiaticus*, Lineated Barbet *Psilopogon lineatus*, Greater Flameback *Chrysocolaptes guttacristatus*, Black-rumped Flameback *Dinopium benghalense*, and Brown-capped Pygmy Woodpecker *Yungipicus nanus* were found to be abundant. These species were mostly observed in human-modified vegetation and forest edges. As residents, they were frequently encountered in the study area and adjoining agricultural lands. The prevalence of such species indicates the adaptability of many resident birds to mosaic landscapes shaped by anthropogenic activities. These areas, which include village surroundings and cultivated fields, provide foraging and nesting opportunities, thereby supporting a diverse assemblage

of generalist and edge-tolerant bird species.

The area also lies within the migratory route of the Amur Falcon *Falco amurensis*. This species was observed in the study area between the first and third weeks of November. The occurrence of species such as the Great Hornbill *Buceros bicornis* and River Tern *Sterna aurantia*, both listed as 'Vulnerable', along with the Lesser Adjutant *Leptoptilos javanicus*, Blossom-headed Parakeet *Psittacula roseata*, and Red-breasted Parakeet *Psittacula alexandri*, categorized as 'Near Threatened', highlights the conservation importance of the study area. The persistence of these species indicates that their habitat continues to provide critical resources, although their threatened status underscores the need for targeted monitoring and protection measures (Bora et al. 2024; Ali et al. 2025).

The only threat to the nearby forest habitat observed during the study period was tree-felling by local inhabitants. It is recommended that a detailed scientific study be undertaken on the biodiversity of the reserve forest, including its avifaunal community, as no previous documentation exists for this region. Such efforts would provide essential information for future conservation planning, with a particular focus on species

Table 1. List of avian species observed in the Raha sub-district of Nagaon

	Common name	Scientific name	Current IUCN Red List status	Residency
Order: Accipitriformes				
Family: Accipitridae				
	Black Kite	<i>Milvus migrans</i> (Boddaert, 1783)	LC	Resident
	Black-winged Kite	<i>Elanus caeruleus</i> (Desfontaines, 1789)	LC	Resident
	Hen Harrier	<i>Circus cyaneus</i> (Linnaeus, 1766)	LC	Winter Migrant
	Jerdons Baza	<i>Aviceda jerdoni</i> (Blyth, 1842)	LC	Resident
	Shikra	<i>Tachyspiza badia</i> (Gmelin, JF, 1788)	LC	Resident
Order: Anseriformes				
Family: Anatidae				
	Lesser Whistling Duck	<i>Dendrocygna javanica</i> (Horsfield, 1821)	LC	Resident
Order: Bucerotiformes				
Family: Bucerotidae				
	Great Hornbill	<i>Buceros bicornis</i> (Linnaeus, 1758)	VU	Resident
Family: Upupidae				
	Eurasian Hoopoe	<i>Upupa epops</i> (Linnaeus, 1758)	LC	Resident
Order: Charadriiformes				
Family: Charadriidae				
	Grey-headed Lapwing	<i>Vanellus cinereus</i> (Blyth, 1842)	LC	Winter Migrant
	Pacific Golden Plover	<i>Pluvialis fulva</i> (Gmelin J.F., 1789)	LC	Winter Migrant
	Red-wattled Lapwing	<i>Vanellus indicus</i> (Boddaert, 1783)	LC	Resident
Family: Jacanidae				
	Bronze-winged Jacana	<i>Metopidius indicus</i> (Latham, 1790)	LC	Resident
Family: Laridae				
	River Tern	<i>Sterna aurantia</i> (Gray, 1831)	VU	Resident
Family: Scolopacidae				
	Common Snipe	<i>Gallinago gallinago</i> (Linnaeus, 1758)	LC	Winter Migrant
	Wood Sandpiper	<i>Tringa glareola</i> (Linnaeus, 1758)	LC	Winter Migrant
Order: Ciconiiformes				
Family: Ciconiidae				
	Lesser Adjutant	<i>Leptoptilos javanicus</i> (Horsfield, 1821)	NT	Resident
	Asian Openbill Stork	<i>Anastomus oscitans</i> (Boddaert, 1783)	LC	Resident
Order: Columbiformes				
Family: Columbidae				
	Oriental Turtle Dove	<i>Streptopelia orientalis</i> (Latham, 1790)	LC	Resident
	Red-collared Dove	<i>Streptopelia tranquebarica</i> (Hermann, 1804)	LC	Resident
	Spotted Dove	<i>Spilopelia chinensis</i> (Scopoli, 1786)	LC	Resident
	Yellow-footed Green Pigeon	<i>Treron phoenicopterus</i> (Latham, 1790)	LC	Resident
Order: Coraciiformes				
Family: Alcedinidae				
	Common Kingfisher	<i>Alcedo atthis</i> (Linnaeus, 1758)	LC	Resident
	White-throated Kingfisher	<i>Halcyon smyrnensis</i> (Linnaeus, 1758)	LC	Resident
Family: Coraciidae				
	Indochinese Roller	<i>Coracias affinis</i> (Horsfield, 1840)	LC	Resident
Family: Meropidae				
	Asian Green Bee-eater	<i>Merops orientalis</i> (Latham, 1801)	LC	Resident
	Blue-tailed Bee-eater	<i>Merops philippinus</i> (Linnaeus, 1767)	LC	Resident

	Common name	Scientific name	Current IUCN Red List status	Residency
Order: Cuculiformes				
Family: Cuculidae				
	Asian Koel	<i>Eudynamys scolopaceus</i> (Linnaeus, 1758)	LC	Resident
	Common Hawk-cuckoo	<i>Hierococcyx varius</i> (Vahl, 1797)	LC	Resident
	Indian Cuckoo	<i>Cuculus micropterus</i> (Gould, 1838)	LC	Summer Migrant
Order: Falconiformes				
Family: Falconidae				
	Amur Falcon	<i>Falco amurensis</i> (Radde, 1863)	LC	Winter Migrant
	Common Kestrel	<i>Falco tinnunculus</i> (Linnaeus, 1758)	LC	Winter Migrant
Order: Gruiformes				
Family: Rallidae				
	White-breasted Waterhen	<i>Amaurornis phoenicurus</i> (Pennant, 1769)	LC	Resident
	Common Coot	<i>Fulica atra</i> (Linnaeus, 1758)	LC	Winter Migrant
	Grey-headed Swamphen	<i>Porphyrio poliocephalus</i> (Latham, 1801)	LC	Resident
Order: Passeriformes				
Family: Alaudidae				
	Bengal Bush Lark	<i>Plocealauda assamica</i> (Horsfield, 1840)	LC	Resident
Family: Artamidae				
	Ashy Woodswallow	<i>Artamus fuscus</i> (Vieillot, 1817)	LC	Resident
Family: Aegithinidae				
	Common Iora	<i>Aegithina tiphia</i> (Linnaeus, 1758)	LC	Resident
Family: Campephagidae				
	Large Cuckooshrike	<i>Coracina macei</i> (Lesson, 1831)	LC	Resident
Family: Chloropseidae				
	Golden-fronted Leafbird	<i>Chloropsis aurifrons</i> (Temminck, 1829)	LC	Resident
Family: Cisticolidae				
	Common Tailorbird	<i>Orthotomus sutorius</i> (Pennant, 1769)	LC	Resident
	Zitting Cisticola	<i>Cisticola juncidis</i> (Rafinesque, 1810)	LC	Resident
Family: Corvidae				
	House Crow	<i>Corvus splendens</i> (Vieillot, 1817)	LC	Resident
	Rufous Treepie	<i>Dendrocitta vagabunda</i> (Latham, 1790)	LC	Resident
Family: Dicruridae				
	Black Drongo	<i>Dicrurus macrocerus</i> (Vieillot, 1817)	LC	Resident
	Hair-crested Drongo	<i>Dicrurus hottentottus</i> (Linnaeus, 1766)	LC	Resident
Family: Estrildidae				
	White-rumped Munia	<i>Lonchura striata</i> (Linnaeus, 1766)	LC	Resident
Family: Hirundinidae				
	Barn Swallow	<i>Hirundo rustica</i> (Linnaeus, 1758)	LC	Winter Migrant
Family: Laniidae				
	Brown Shrike	<i>Lanius cristatus</i> (Linnaeus, 1758)	LC	Winter Migrant
	Long-tailed Shrike	<i>Lanius schach</i> (Linnaeus, 1758)	LC	Winter Migrant
Family: Leiothrichidae				
	Jungle Babbler	<i>Argya striata</i> (Dumont, 1823)	LC	Resident
Family: Monarchidae				
	Black-naped Monarch	<i>Hypothymis azurea</i> (Boddaert, 1783)	LC	Resident

	Common name	Scientific name	Current IUCN Red List status	Residency
Family: Motacillidae				
	Citrine Wagtail	<i>Motacilla citreola</i> (Pallas, 1776)	LC	Winter Migrant
	White Wagtail	<i>Motacilla alba</i> (Linnaeus, 1758)	LC	Winter Migrant
	Paddy-field pipit	<i>Anthus rufulus</i> (Vieillot, 1818)	LC	Resident
Family: Muscicapidae				
	Oriental magpie-Robin	<i>Copsychus saularis</i> (Linnaeus, 1758)	LC	Resident
	Taiga Flycatcher	<i>Ficedula albicilla</i> (Pallas, 1811)	LC	Winter Migrant
	Siberian Stonechat	<i>Saxicola maurus</i> (Pallas, 1773)	LC	Winter Migrant
	Whinchat	<i>Saxicola rubetra</i> (Linnaeus, 1758)	LC	Winter Migrant
Family: Nectariniidae				
	Crimson Sunbird	<i>Aethopyga siparaja</i> (Raffles, 1822)	LC	Resident
	Little Spiderhunter	<i>Arachnothera longirostra</i> (Latham, 1790)	LC	Resident
	Purple Sunbird	<i>Cinnyris asiaticus</i> (Latham, 1790)	LC	Resident
Family: Oriolidae				
	Black-hooded Oriole	<i>Oriolus xanthornus</i> (Linnaeus, 1758)	LC	Resident
Family: Passeridae				
	Eurasian Tree Sparrow	<i>Passer montanus</i> (Linnaeus, 1758)	LC	Resident
	House Sparrow	<i>Passer domesticus</i> (Linnaeus, 1758)	LC	Resident
Family: Phylloscopidae				
	Tickell's Leaf Warbler	<i>Phylloscopus affinis</i> (Tickell, 1833)	LC	Winter Migrant
	Dusty Warbler	<i>Phylloscopus fuscatus</i> (Blyth, 1842)	LC	Winter Migrant
Family: Ploceidae				
	Baya Weaver	<i>Ploceus philippinus</i> (Linnaeus, 1766)	LC	Resident
Family: Pycnonotidae				
	Red-vented Bulbul	<i>Pycnonotus cafer</i> (Linnaeus, 1766)	LC	Resident
	Black-crested Bulbul	<i>Rubigula flaviventris</i> (Tickell, 1833)	LC	Resident
Family: Stenostiridae				
	Grey-headed Canary Flycatcher	<i>Culicicapa ceylonensis</i> (Swainson, 1820)	LC	Resident
Family: Sturnidae				
	Indian Pied Starling	<i>Gracupica contra</i> (Linnaeus, 1758)	LC	Resident
	Chestnut-tailed Starling	<i>Sturnia malabarica</i> (Gmelin, 1789)	LC	Resident
	Common Myna	<i>Acridotheres tristis</i> (Linnaeus, 1766)	LC	Resident
	Common Hill Myna	<i>Gracula religiosa</i> (Linnaeus, 1758)	LC	Resident
	Jungle Myna	<i>Acridotheres fuscus</i> (Wagler, 1827)	LC	Resident
	Spot-winged Starling	<i>Saroglossa spiloptera</i> (Vigors, 1831)	LC	Winter Migrant
Family: Turdidae				
	Orange-headed Thrush	<i>Geokichla citrina</i> (Latham, 1790)	LC	Resident
Family: Vangidae				
	Common Woodshrike	<i>Tephrodornis pondicerianus</i> (Gmelin, 1789)	LC	Resident
Family: Zosteropidae				
	Indian White-eye	<i>Zosterops palpebrosus</i> (Temminck, 1824)	LC	Resident
Order: Pelecaniformes				
Family: Ardeidae				

	Common name	Scientific name	Current IUCN Red List status	Residency
	Cattle Egret	<i>Bubulcus ibis</i> (Linnaeus, 1758)	LC	Resident
	Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i> (Gmelin, 1789)	LC	Resident
	Eastern Cattle Egret	<i>Bubulcus coromandus</i> (Boddaert, 1783)	LC	Resident
	Great Egret	<i>Ardea alba</i> (Linnaeus, 1758)	LC	Resident
	Indian Pond Heron	<i>Ardeola grayii</i> (Sykes, 1832)	LC	Resident
	Little Egret	<i>Egretta garzetta</i> (Linnaeus, 1766)	LC	Resident
	Purple Heron	<i>Ardea purpurea</i> (Linnaeus, 1766)	LC	Resident
Family: Threskiornithidae				
	Glossy Ibis	<i>Plegadis falcinellus</i> (Linnaeus, 1766)	LC	Resident
Order: Piciformes				
Family: Megalaimidae				
	Blue-throated Barbet	<i>Psilopogon asiaticus</i> (Latham, 1790)	LC	Resident
	Lineated Barbet	<i>Psilopogon lineatus</i> (Vieillot, 1816)	LC	Resident
Family: Picidae				
	Greater Flameback	<i>Chrysocolaptes guttacristatus</i> (Tickell, 1833)	LC	Resident
	Black-rumped Flameback	<i>Dinopium benghalense</i> (Linnaeus, 1758)	LC	Resident
	Brown-capped Pygmy Woodpecker	<i>Yungipicus nanus</i> (Vigors, 1832)	LC	Resident
	Rufous Woodpecker	<i>Micropternus brachyurus</i> (Vieillot, 1818)	LC	Resident
Order: Psittaciformes				
Family: Psittaculidae				
	Rose-ringed Parakeet	<i>Psittacula krameri</i> (Scopoli, 1769)	LC	Resident
	Blossom-headed Parakeet	<i>Psittacula roseata</i> (Biswas, 1951)	NT	Resident
	Red-breasted Parakeet	<i>Psittacula alexandri</i> (Linnaeus, 1758)	NT	Resident
Order: Suliformes				
Family: Anhingidae				
	Oriental Darter	<i>Anhinga melanogaster</i> (Pennant, 1769)	LC	Resident
Family: Phalacrocoracidae				
	Little Cormorant	<i>Microcarbo niger</i> (Vieillot, 1817)	LC	Resident
	Great Cormorant	<i>Phalacrocorax carbo</i> (Linnaeus, 1758)	LC	Resident
Order: Strigiformes				
Family: Strigidae				
	Spotted Owlet	<i>Athene brama</i> (Temminck, 1821)	LC	Resident
	Barred Owlet	<i>Glaucidium cuculoides</i> (Vigors, 1830)	LC	Resident

IUCN—International Union for Conservation of Nature | LC—Least Concern | NT—Near Threatened | VU—Vulnerable.

of conservation concern. This survey provides important baseline data on the region's avifaunal composition, including the presence of several 'Near Threatened' and 'Vulnerable' species.

CONCLUSION

These findings highlight the ecological importance of the area and its potential role in supporting both resident and migratory bird populations of conservation concern.

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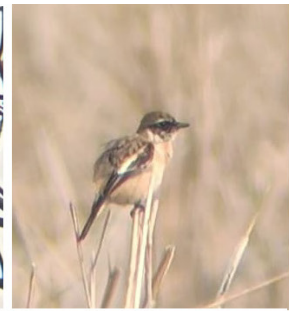
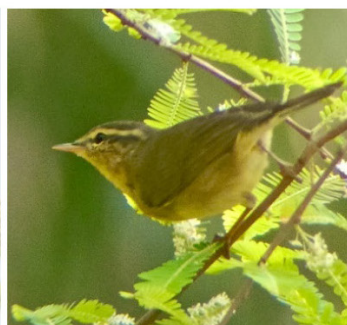
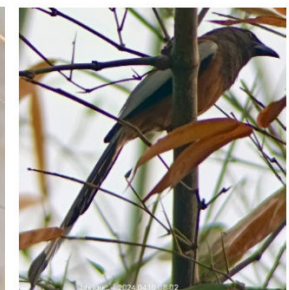
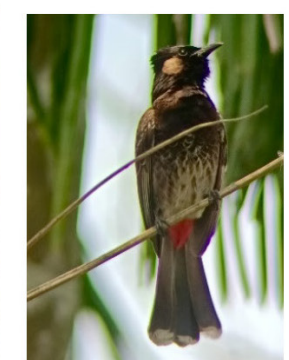
*Motacilla alba**Lonchura striata**Treron phoenicopterus**Saxicola rubetra**Micropternus brachyurus**Passer montanus**Phylloscopus affinis**Ficedula albicilla**Spilopelia chinensis**Plocealauda assamica**Saxicola maurus**Dendrocitta vagabunda**Tachypiza badia**Psittacula krameria**Vanellus indicus**Pycnonotus cafer*

Image 2. Photographs of some bird species observed in the Raha sub-district of Nagaon. © Bhrigumohan Manta.

*Streptopelia tranquebarica**Cinnyris asiaticus**Streptopelia orientalis**Anthus rufulus**Ardea purpurea**Geokichla citrina**Copsychus saularis**Leptoptilos javanicus**Anastomus oscitans**Pluvialis fulva**Chloropsis aurifrons**Ardeola grayii**Aviceda jerdoni**Vanellus cinereus**Falco tinnunculus**Phylloscopus fuscatus*

Image 3. Photographs of some bird species observed in the Raha sub-district of Nagaon. © Bhrigumohan Manta.

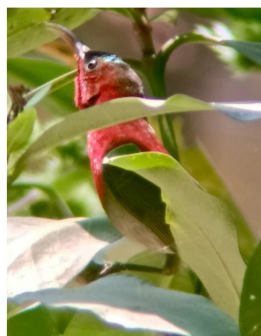
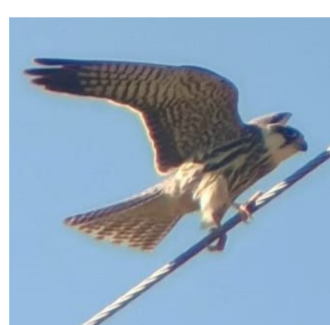
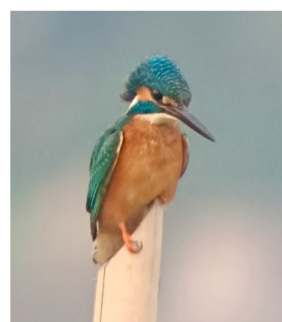
*Aethopyga siparaja**Hierococcyx varius**Motacilla citreola**Sturnia malabarica**Eudynamis scolopaceus**Rubigula flaviventris**Rubigula flaviventris**Falco amurensis**Alcedo atthis**Artamus fuscus**Passer montanus**Bubulcus ibis**Oriolus xanthornus**Milvus migrans**Gracupica contra**Halcyon smyrnensis*

Image 4. Photographs of some bird species observed in the Raha sub-district of Nagaon. © Bhrigumohan Manta.

*Microcarbo niger**Psilopogon asiaticus**Acridotheres fuscus**Orthotomus sutorius**Acridotheres tristis**Cuculus micropterus**Saroglossa spilopterus**Psilopogon lineatus**Anhinga melanogaster**Plóceus philippinus*

Image 5. Photographs of some bird species observed in the Raha sub-district of Nagaon. © Bhrigumohan Manta.

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