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### RESEARCH ARTICLE

#### BIRDS OF MOULING NATIONAL PARK, ARUNACHAL PRADESH, INDIA.

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#### Abstract

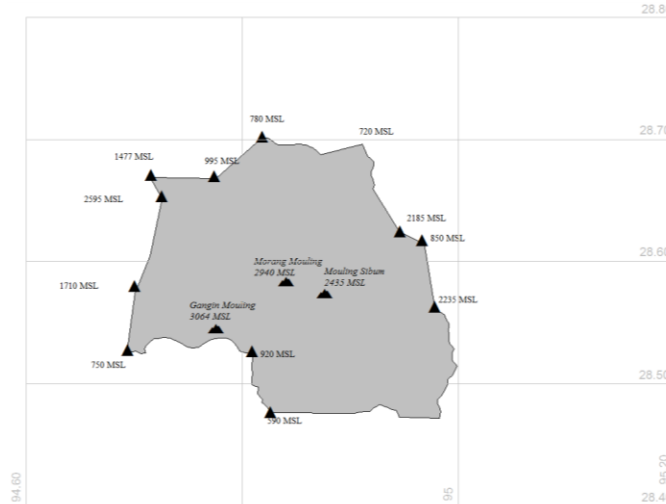
Mouling National Park is situated at E 94° 41' 17.38"-E 94° 59' 82" and N 28° 28' 39"-N 28° 41' 56" in the Dihang- Dibang Biosphere Reserve in Arunachal Pradesh, India. It covers an area of 483 km<sup>2</sup>. A bird list of 314 species, compiled from studies undertaken from 2010 to 2016 is presented along with information on status, conservation status and method of confirmation. In absence of adequate documented information on the biodiversity wealth in the national park, this study holds a lot of value and significance. Such information, as presented in this paper is crucial in order to develop conservation action plans for this protected area.

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#### Study Area:-

Falling in India's Protected Area Network, Mouling National Park is nestled in the middle elevation forest areas of Eastern Himalayas- a global biodiversity hotspot. Mouling National Park is situated at E 94° 41' 17.38"-E 94° 59' 82" and N 28° 28' 39"-N 28° 41' 56" in the Dihang- Dibang Biosphere Reserve, covering an area of 483 km<sup>2</sup>. Mouling Reserve Forest was notified in August 1986 (Government order No. FOR/55/Gen/81) and re-notified as Mouling National Park vide gazette notification (No. FOR/55/Gen/81) in December 1986. Limited published and unpublished information exists on biodiversity and conservation issues of Mouling National Park. Rodgers and Panwar (1988) in their volumes "Planning a protected area network for India" observed that Mouling National Park, had no buffer area and recommended that the existing Park be extended by 800 sq km and a sanctuary of 700 sq km be created as a peripheral buffer zone. Lack of adequate documented information on the biodiversity of the Park, hampers the development of conservation action plans. The altitude ranges from 500 – 3,064 MSL. The overall area can be divided into three mountain ranges – Gangang Mouling, Marang Mouling and Mouling Sibum extending from north to south. Highest peaks of these mountain ranges *vis* Gangang is at 3,064 MSL, Marang at 2,940 MSL and Sibum at 2,745 MSL (Figure 1). According to the management plan of the National Park, the vegetation comprises of the forest types: Assam valley tropical wet evergreen, Assam valley semi evergreen, Eastern Hollock moist deciduous, Eastern Himalaya subtropical, Himalayan sub-tropical pine, East Himalayan wet temperate, Himalayan moist temperate, Eastern Himalayan Montane Bamboo and East Himalayan sub alpine birch/fir forests (Champion and Seth, 1968). The low to mid altitudes along the inner valleys are dominated by tropical wet evergreen and semi evergreen forests, tending towards wet subtropical broad leaved forests and temperate upper reaches (Table 1).

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**Figure 1:-** Mouling National Park boundary.

**Table 1:-** Vegetation and land cover classes of Mouling National Park (Singh *et al.*, 2005).

Vegetation/ Land Use Types	Area (km <sup>2</sup> )	Area (Champion & Seth (1968) Classification scheme (%))
Tropical Evergreen	7.63	1.50 Assam Valley Tropical Evergreen Forest and Upper Assam Valley Tropical Evergreen Forest
Tropical Semi-evergreen	3.99	0.78 Assam Alluvial Plains Semi-Evergreen Forest and Sub-Himalayan Light Alluvial Semi- Evergreen Forest
Subtropical Evergreen	252.8	49.96 East Himalayan Subtropical Wet Hill Forest
Temperate Broad Leaf	147.09	29.07 East Himalayan Wet Temperate Forests, Lauraceous Forests and Bak Oak Forests
Temperate Conifer	3.28	0.65 East Himalayan Mixed Coniferous Forest
Temperate Scrub	3.32	0.65 East Himalayan Sub-alpine Birch/Fir Forest
Abandoned <i>Jhum</i>	33.17	6.54 -
Degraded Forest	0.36	0.07 -
Bamboo	3.49	0.67 Cane Brakes
Agriculture/Current <i>Jhum</i>	3.96	0.77 -
Barren/Sand	0.76	0.15
River Channel	0.03	-0.01

Mouling National Park spreads across the administrative boundaries of three districts in the state of Arunachal Pradesh – East Siang, West Siang and Upper Siang with headquarters at Pasighat, Along and Yingkiong respectively. The Park administrative office is at Jenging which is outside the National Park area and there is no road connectivity to the National Park. The road from Along and Pasighat to Tuting is circling around the National Park from south to the north eastern part of the National Park and connects the villages lying outside the National Park. Another motorable road connects the villages of *Yubuk, Suble, Subsing, Hottek, Pareng* to the main road and encircles the Park from southern side towards south eastern boundary. There are 26 villages are located within the 10 km radius of Mouling National Park (Figure 2). These are *Bomdo Pucing, Gette, Yingkiong, Shimong, Ramsing, Moying, Gusang, Karko, Jenging, Taggeng, Kumko (Pangkang), Jorkong, Riga, Subsing, Sine, Yinku, Yubuk, Messing, Lissing, Bogo, Yio, Payum, Gameng, Gasheng and Gatte (Pange)*. All these villages are inhabited by members of *Adi* tribe. The area is sparsely populated, most settlements being concentrated along rivers Siang, Sikke and Siyom.

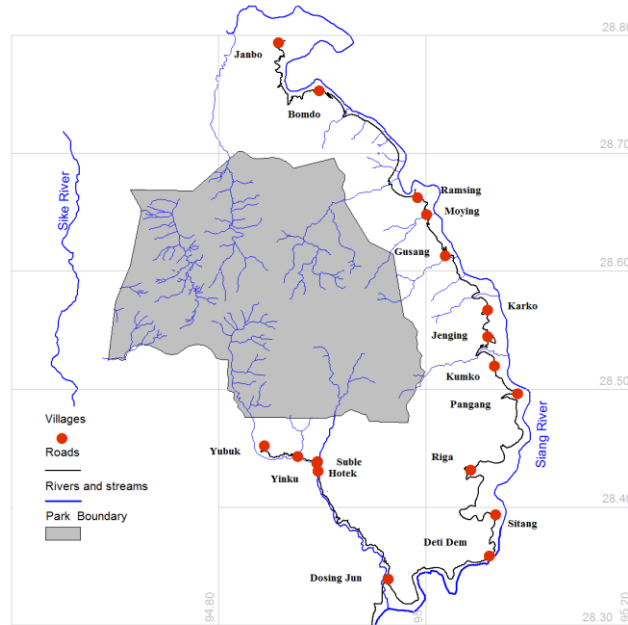


Figure 2:- Mouling National Park -connectivity, drainages and villages

**Methods:-**

This bird list spans a period of seven years (2010-2016) during which Mouling National Park was visited regularly and all seasons were covered. Birds seen were identified and recorded along with status (resident/migrant, breeding/nonbreeding), and IUCN conservation status. Birds were recorded either by direct sighting or in a participatory way by showing photographs to local community members (who are traditionally hunters). Grimmett *et al* (1999) was used to confirm the identification of different species.

**Results:-**

Overall, 314 bird species (Appendix 1) have been recorded through different methods from the National Park, out of which 7 are vulnerable and 7 are near threatened (Figure 3). Out of the list of 314 bird species recorded from the area 250 were direct sightings and the rest were confirmed in a participatory way – photographs were shown to the local community to confirm the presence of the species. The National Park thus harbours unique avifaunal diversity, the conservation of which is highly essential.

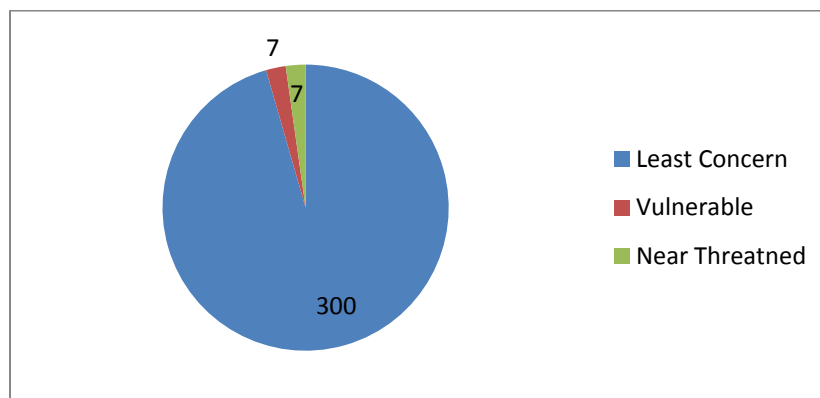


Figure 3:- Conservation status of the recorded avifaunal species

**Acknowledgements:-**

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**Appendix 1:-****Bird species observed in Mouling National Park:-**

SN	Common Name	Scientific Name	Status	Conservation Status	Method of confirmation
1.	Great Cormorant	<i>Phalacrocorax carbo</i>	Resident	Least Concern	Direct Sighting
2.	Striated Heron	<i>Butorides striata</i>	Resident	Least Concern	Direct Sighting
3.	Little Egret	<i>Egretta garzetta</i>	Resident	Least Concern	Direct Sighting
4.	Black Stork	<i>Ciconia nigra</i>	Migrant	Least Concern	Photo Identification
5.	Greylag Goose	<i>Anser anser</i>	Winter visitor	Least Concern	Photo Identification
6.	Ruddy Shelduck	<i>Tadorna ferruginea</i>	Winter visitor	Least Concern	Direct Sighting
7.	Common Teal	<i>Anas crecca</i>	Winter visitor	Least Concern	Photo Identification
8.	Garganey	<i>Anas querquedula</i>	Winter visitor	Least Concern	Photo Identification
9.	Goosander	<i>Mergus merganser</i>	Winter visitor	Least Concern	Direct Sighting
10.	Black Baza	<i>Aviceda leuphotes</i>	Resident	Least Concern	Direct Sighting
11.	Oriental Honey Buzzard	<i>Pernis ptilorhynchus</i>	Resident	Least Concern	Direct Sighting
12.	Shikra	<i>Accipiter badius</i>	Resident	Least Concern	Direct Sighting
13.	Crested Goshawk	<i>Accipiter trivirgatus</i>	Resident	Least Concern	Direct Sighting
14.	Eurasian Sparrowhawk	<i>Accipiter nisus</i>	Winter visitor	Least Concern	Direct Sighting
15.	Long legged Buzzard	<i>Buteo rufinus</i>	Winter visitor	Least Concern	Direct Sighting
16.	Upland Buzzard	<i>Buteo hemilasius</i>	Winter visitor	Least Concern	Photo Identification
17.	Common Buzzard	<i>Buteo buteo</i>	Winter visitor	Least Concern	Direct Sighting
18.	Mountain Hawk Eagle	<i>Nisaetus nipalensis</i>	Resident	Least Concern	Direct Sighting
19.	Changeable Hawk Eagle	<i>Nisaetus limaneetus</i>	Resident	Least Concern	Direct Sighting
20.	Rufous-bellied Eagle	<i>Lophotriorchis kienerii</i>	Resident	Least Concern	Photo Identification
21.	Palla's Fish Eagle	<i>Haliaeetus leucoryphus</i>	Resident	Vulnerable	Direct Sighting
22.	Golden Eagle	<i>Aquila chrysaetos</i>	Resident	Least Concern	Photo Identification
23.	Eastern Imperial Eagle	<i>Aquila heliaca</i>	Winter visitor	Vulnerable	Photo Identification
24.	Black Eagle	<i>Ictinaetus malayensis</i>	Resident	Least Concern	Direct Sighting
25.	Crested Serpent Eagle	<i>Spilornis cheela</i>	Resident	Least Concern	Direct Sighting
26.	Hen Harrier	<i>Circus cyaneus</i>	Migratory	Least Concern	Direct Sighting
27.	Common Kestrel	<i>Falco tinnunculus</i>	Resident	Least Concern	Direct Sighting
28.	Eurasian Hobby	<i>Falco subbuteo</i>	Migratory	Least Concern	Direct Sighting
29.	Snow Partridge	<i>Lerwa lerwa</i>	Resident	Least Concern	Photo Identification
30.	Tibetan Snowcock	<i>Tetraogallus tibetanus</i>	Resident	Least Concern	Photo Identification

31.	Hill Partridge	<i>Arborophila torqueola</i>	Resident	Least Concern	Photo Identification
32.	Rufous-throated Partridge	<i>Arborophila rufogularis</i>	Resident	Least Concern	Photo Identification
33.	Blood Pheasant	<i>Ithaginis cruentus</i>	Resident	Least Concern	Photo Identification
34.	Chestnut-breasted Partridge	<i>Arborophila mandellii</i>	Resident	Vulnerable	Photo Identification
35.	Blyth's Tragopan	<i>Tragopan blythii</i>	Resident	Vulnerable	Direct Sighting
36.	Temminck's Tragopan	<i>Tragopan temminckii</i>	Resident	Least Concern	Photo Identification
37.	Himalayan Monal	<i>Lophophorus impejanus</i>	Resident	Least Concern	Photo Identification
38.	Sclater's Monal	<i>Lophophorus sclateri</i>	Resident	Vulnerable	Photo Identification
39.	Khalij Pheasant	<i>Lophura leucomelanos</i>	Resident	Least Concern	Photo Identification
40.	Red Junglefowl	<i>Gallus gallus</i>	Resident	Least Concern	Direct Sighting
41.	Grey Peacock Pheasant	<i>Polyplectron bicalcaratum</i>	Resident	Least Concern	Photo Identification
42.	Common Crane	<i>Grus grus</i>	Winter visitor	Least Concern	Direct Sighting
43.	White-breasted Waterhen	<i>Amauornis phoenicurus</i>	Resident	Least Concern	Direct Sighting
44.	Brown Crake	<i>Amauornis akool</i>	Resident	Least Concern	Direct Sighting
45.	Northern Lapwing	<i>Vanellus vanellus</i>	Winter visitor	Least Concern	Photo Identification
46.	River Lapwing	<i>Vanellus duvaucelii</i>	Resident	Near Threatened	Photo Identification
47.	Little Ringed Plover	<i>Charadrius dubius</i>	Resident	Least Concern	Direct Sighting
48.	Common Greenshank	<i>Tringa nebularia</i>	Winter visitor	Least Concern	Direct Sighting
49.	Common Sandpiper	<i>Actitis hypoleucos</i>	Winter visitor	Least Concern	Direct Sighting
50.	Ibisbill	<i>Ibidorhyncha struthersii</i>	Resident	Least Concern	Direct Sighting
51.	Great Thick-knee	<i>Esacus recurvirostris</i>	Resident	Least Concern	Direct Sighting
52.	Small Pratincole	<i>Glareola lactea</i>	Resident	Least Concern	Photo Identification
53.	Common Wood Pigeon	<i>Columba palumbus</i>	Resident	Least Concern	Direct Sighting
54.	Rock Pigeon	<i>Columba livia</i>	Resident	Least Concern	Direct Sighting
55.	Oriental Turtle Dove	<i>Streptopelia orientalis</i>	Resident	Least Concern	Direct Sighting
56.	Emerald Dove	<i>Chalcophaps indica</i>	Resident	Least Concern	Photo Identification
57.	Tawny Fish Owl	<i>Ketupa flavipes</i>	Resident	Least Concern	Direct Sighting
58.	Tawny Owl	<i>Strix aluco</i>	Resident	Least Concern	Photo Identification
59.	Brown Wood Owl	<i>Strix leptogrammica</i>	Resident	Least Concern	Photo Identification
60.	Mountain Scops Owl	<i>Otus spilocephalus</i>	Resident	Least Concern	Photo Identification
61.	Collared Owlet	<i>Glaucidium brodiei</i>	Resident	Least Concern	Photo Identification
62.	Asian Barred Owlet	<i>Glaucidium cuculoides</i>	Resident	Least Concern	Photo Identification
63.	Spotted Owlet	<i>Athene brama</i>	Resident	Least Concern	Direct Sighting
64.	Savanna Nightjar	<i>Caprimulgus affinis</i>	Resident	Least Concern	Photo Identification
65.	Indian Nightjar	<i>Caprimulgus asiaticus</i>	Resident	Least Concern	Direct Sighting
66.	Himalayan Swiftlet	<i>Collocalia brevirostris</i>	Resident	Least Concern	Direct Sighting
67.	White-throated Needletail	<i>Hirundapus caudacutus</i>	Summer visitor	Least Concern	Photo Identification
68.	Alpine Swift	<i>Tachymarptis melba</i>	Resident	Least Concern	Direct Sighting
69.	House Swift	<i>Apus (affinis) nipalensis</i>	Resident	Least Concern	Direct Sighting
70.	Brown-Backed Needletail	<i>Hirundapus</i>	Resident	Least Concern	Photo Identification

		<i>giganteus</i>			
71.	Pied Kingfisher	<i>Ceryle rudis</i>	Resident	Least Concern	Direct Sighting
72.	Common Kingfisher	<i>Alcedo atthis</i>	Resident	Least Concern	Direct Sighting
73.	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Resident	Least Concern	Direct Sighting
74.	Blue-bearded Bee-eater	<i>Nyctornis athertoni</i>	Resident	Least Concern	Direct Sighting
75.	Common Hoopoe	<i>Upupa epops</i>	Resident	Least Concern	Direct Sighting
76.	Rufous-necked Hornbill	<i>Aceros nipalensis</i>	Resident	Vulnerable	Direct Sighting
77.	Wreathed Hornbill	<i>Rhyticeros undulates</i>	Resident	Least Concern	Photo Identification
78.	Great Barbet	<i>Megalaima virens</i>	Resident	Least Concern	Direct Sighting
79.	Golden-throated Barbet	<i>Magalaima franklinii</i>	Resident	Least Concern	Photo Identification
80.	Yellow-rumped Honeyguide	<i>Indicator xanthonotus</i>	Resident	Near Threatened	Photo Identification
81.	Ward's Trogon	<i>Harpactes wardi</i>	Resident	Near Threatened	Photo Identification
82.	Speckled Piculet	<i>Picumnus innominatus</i>	Resident	Least Concern	Direct Sighting
83.	White-Browed Piculet	<i>Sasia ochracea</i>	Resident	Least Concern	Photo Identification
84.	Darjeeling Woodpecker	<i>Dendrocops darjellensis</i>	Resident	Least Concern	Direct Sighting
85.	Rufous Woodpecker	<i>Micropternus brachyurus</i>	Resident	Least Concern	Direct Sighting
86.	Grey-headed Woodpecker	<i>Picus canus</i>	Resident	Least Concern	Photo Identification
87.	Greater Yellownape	<i>Picus flavinucha</i>	Resident	Least Concern	Direct Sighting
88.	Lesser Yellownape	<i>Picus chlorolophus</i>	Resident	Least Concern	Direct Sighting
89.	Rufous-bellied Woodpecker	<i>Dendrocopos hyperythrus</i>	Resident	Least Concern	Direct Sighting
90.	Lesser Goldenback	<i>Dinopium benghalense</i>	Resident	Least Concern	Direct Sighting
91.	Crimson-breasted Woodpecker	<i>Dendrocops cathpharius</i>	Resident	Least Concern	Photo Identification
92.	Bay Woodpecker	<i>Blythipicus pyrrhotis</i>	Resident	Least Concern	Direct Sighting
93.	Blue Pitta	<i>Pitta cyanea</i>	Resident	Least Concern	Direct Sighting
94.	Barn Swallow	<i>Hirundo rustica</i>	Resident	Least Concern	Photo Identification
95.	Asian House Martin	<i>Delichon dasypus</i>	Resident	Least Concern	Direct Sighting
96.	Nepal House Martin	<i>Delichon nepalensis</i>	Resident	Least Concern	Photo Identification
97.	Burmese Shrike	<i>Lanius colluriooides</i>	Migrant	Least Concern	Direct Sighting
98.	Grey backed Shrike	<i>Lanius tephronotus</i>	Resident	Least Concern	Direct Sighting
99.	Long-tailed Shrike	<i>Lanius schach</i>	Resident	Least Concern	Direct Sighting
100.	Brown Shrike	<i>Lanius cristatus</i>	Migrant	Least Concern	Direct Sighting
101.	Maroon Oriole	<i>Oriolus trailii</i>	Resident	Least Concern	Direct Sighting
102.	Slender-Billed Oriole	<i>Oriolus tenuirostris</i>	Migratory	Least Concern	Direct Sighting
103.	Ashy Drongo	<i>Dicrurus leucophaues</i>	Resident	Least Concern	Direct Sighting
104.	Bronzed Drongo	<i>Dicrurus aeneus</i>	Resident	Least Concern	Direct Sighting
105.	Ashy Woodswallow	<i>Artamus fuscus</i>	Resident	Least Concern	Direct Sighting
106.	Common Myna	<i>Acridotheres tristis</i>	Resident	Least Concern	Direct Sighting
107.	Jungle Myna	<i>Acridotheres fuscus</i>	Resident	Least Concern	Direct Sighting
108.	Hill Myna	<i>Gracula religiosa</i>	Resident	Least Concern	Direct Sighting
109.	Eurasian Jay	<i>Garrulus glandarius</i>	Resident	Least Concern	Direct Sighting
110.	Common Green Magpie	<i>Cissa chinensis</i>	Resident	Least Concern	Direct Sighting
111.	Yellow-billed Blue Magpie	<i>Urocissa flavirostris</i>	Resident	Least Concern	Photo Identification
112.	Grey Treepie	<i>Dendrocitta formosae</i>	Resident	Least Concern	Photo Identification
113.	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>	Resident	Least Concern	Photo Identification
114.	Large- Billed Crow	<i>Corvus macrorhynchos</i>	Resident	Least Concern	Direct Sighting
115.	Bar-Winged Flycatcher-	<i>Hemipus picatus</i>	Resident	Least Concern	Direct Sighting

	Shrike				
116.	Large Woodshrike	<i>Tephrodornis gularis</i>	Resident	Least Concern	Direct Sighting
117.	Large Cuckooshrike	<i>Coracina macei</i>	Resident	Least Concern	Photo Identification
118.	Scarlet Minivet	<i>Pericrocotus flammeus</i>	Resident	Least Concern	Direct Sighting
119.	Long-Tailed Minivet	<i>Pericrocotus ethologus</i>	Resident	Least Concern	Direct Sighting
120.	Grey-Chinned Minivet	<i>Pericrocotus solaris</i>	Resident	Least Concern	Photo Identification
121.	Orange-bellied Leafbird	<i>Chloropsis hardwickii</i>	Resident	Least Concern	Photo Identification
122.	Asian Fairy Bluebird	<i>Irena puella</i>	Resident	Least Concern	Photo Identification
123.	Red-Whiskered Bulbul	<i>Pycnonotus jocosus</i>	Resident	Least Concern	Direct Sighting
124.	Red-Vented Bulbul	<i>Pycnonotus cafer</i>	Resident	Least Concern	Direct Sighting
125.	White-Throated Bulbul	<i>Alophoixus flaveolus</i>	Resident	Least Concern	Direct Sighting
126.	Mountain Bulbul	<i>Hypsipetes mccllellandii</i>	Resident	Least Concern	Direct Sighting
127.	Black Bulbul	<i>Hypsipetes leucocephalus</i>	Resident	Least Concern	Direct Sighting
128.	Puff-Throated Babbler	<i>Pellorneum fuscicapillum</i>	Resident	Least Concern	Direct Sighting
129.	White-Browed Scimitar Babbler	<i>Pomatorhinus schisticeps</i>	Resident	Least Concern	Direct Sighting
130.	Streak-Breasted Scimitar Babbler	<i>Pomatorhinus ruficollis</i>	Resident	Least Concern	Direct Sighting
131.	Orange-Bellied Leafbird	<i>Chloropsis hardwickii</i>	Resident	Least Concern	Direct Sighting
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136.	Mountain Bulbul	<i>Hypsipetes mccllellandii</i>	Resident	Least Concern	Direct Sighting
137.	Black Bulbul	<i>Hypsipetes leucocephalus</i>	Resident	Least Concern	Direct Sighting
138.	Puff-Throated Babbler	<i>Pellorneum ruficeps</i>	Resident	Least Concern	Direct Sighting
139.	White-Browed Scimitar Babbler	<i>Pomatorhinus schisticeps</i>	Resident	Least Concern	Direct Sighting
140.	Coral-Billed Scimitar Babbler	<i>Pomatorhinus ferruginosus</i>	Resident	Least Concern	Photo Identification
141.	Slender-Billed Scimitar Babbler	<i>Xiphirhynchus superciliaris</i>	Resident	Least Concern	Direct Sighting
142.	Wedge-Billed Wren Babbler	<i>Sphenocichla humei</i>	Resident	Near Threatened	Photo Identification
143.	Rufous-Throated Wren Babbler	<i>Spelaornis caudatus</i>	Resident	Near Threatened	Direct Sighting
144.	Bar-Winged Wren Babbler	<i>Spelaornis troglodytoides</i>	Resident	Least Concern	Photo Identification
145.	Brown Parrotbill	<i>Paradoxornis unicolor</i>	Resident	Least Concern	Direct Sighting
146.	Spot-Breasted Parrotbill	<i>Paradoxornis guttaticollis</i>	Resident	Least Concern	Photo Identification
147.	Black-Faced Laughingthrush	<i>Garrulax affinis</i>	Resident	Least Concern	Direct Sighting
148.	Elliot's Laughingthrush	<i>Garrulax elliotii</i>	Resident	Least Concern	Photo Identification

149.	Golden Babbler	<i>Stachyris chrysaea</i>	Resident	Least Concern	Direct Sighting
150.	Grey-Throated Babbler	<i>Stachyris nigriceps</i>	Resident	Least Concern	Direct Sighting
151.	Black-Throated Parrotbill	<i>Paradoxornis nipalensis</i>	Resident	Least Concern	Photo Identification
152.	Greater Rufous-Headed Parrotbill	<i>Paradoxornis ruficeps</i>	Resident	Least Concern	Direct Sighting
153.	Striated Laughingthrush	<i>Garrulax nuchalis</i>	Resident	Near Threatened	Direct Sighting
154.	White-Crested Laughingthrush	<i>Garrulax leucolophus</i>	Resident	Near Threatened	Direct Sighting
155.	Rufous-Chinned Laughingthrush	<i>Garrulax rufogularis</i>	Resident	Least Concern	Direct Sighting
156.	Grey-Sided Laughingthrush	<i>Garrulax caerulatus</i>	Resident	Least Concern	Direct Sighting
157.	Rufous-Necked Laughingthrush	<i>Garrulax ruficollis</i>	Resident	Least Concern	Direct Sighting
158.	Blue-Winged Laughingthrush	<i>Garrulax squamatus</i>	Resident	Least Concern	Direct Sighting
159.	Black-Faced Laughingthrush	<i>Garrulax affinis</i>	Resident	Least Concern	Photo Identification
160.	Chestnut-Crowned Laughingthrush	<i>Garrulax erythrocephalus</i>	Resident	Least Concern	Direct Sighting
161.	Silver-Eared Mesia	<i>Leiothrix argentauris</i>	Resident	Least Concern	Direct Sighting
162.	Red-Billed Leiothrix	<i>Leiothrix lutea</i>	Resident	Least Concern	Direct Sighting
163.	Cutia	<i>Cutia nipalensis</i>	Resident	Least Concern	Direct Sighting
164.	White-Browed Shrike Babbler	<i>Pteruthius flaviscapis</i>	Resident	Least Concern	Direct Sighting
165.	Black-Eared Shrike Babbler	<i>Pteruthius melanotis</i>	Resident	Least Concern	Direct Sighting
166.	Rusty Fronted Barwing	<i>Actinodura egertoni</i>	Resident	Least Concern	Direct Sighting
167.	Streak-Throated Barwing	<i>Actinodura waldeni</i>	Resident	Least Concern	Direct Sighting
168.	Red-Tailed Minla	<i>Minla ignotincta</i>	Resident	Least Concern	Direct Sighting
169.	Chestnut-Tailed Minla	<i>Minla strigula</i>	Resident	Least Concern	Direct Sighting
170.	Striated Yuhina	<i>Yuhina castaniceps</i>	Resident	Least Concern	Direct Sighting
171.	White-naped Yuhina	<i>Yuhina bakeri</i>	Resident	Least Concern	Direct Sighting
172.	Whiskered Yuhina	<i>Yuhina flavicollis</i>	Resident	Least Concern	Direct Sighting
173.	Stripe-Throated Yuhina	<i>Yuhina gularis</i>	Resident	Least Concern	Direct Sighting
174.	Rufous-Vented Yuhina	<i>Yuhina occipitalis</i>	Resident	Least Concern	Direct Sighting
175.	Black-Chinned Yuhina	<i>Yuhina nigrimenta</i>	Resident	Least Concern	Direct Sighting
176.	White-Bellied Yuhina	<i>Yuhina zantholeuca</i>	Resident	Least Concern	Direct Sighting
177.	Golden-Breasted Fulvetta	<i>Alcippe chrysotis</i>	Resident	Least Concern	Direct Sighting
178.	Yellow-Throated Fulvetta	<i>Alcippe cinerea</i>	Resident	Least Concern	Photo Identification
179.	Rufous-Winged Fulvetta	<i>Alcippe castaneiceps</i>	Resident	Least Concern	Direct Sighting
180.	Brown-Throated Fulvetta	<i>Alcippe ludlowi</i>	Resident	Least Concern	Direct Sighting
181.	Nepal Fulvetta	<i>Alcippe nipalensis</i>	Resident	Least Concern	Direct Sighting
182.	Beautiful Sibia	<i>Heterophasia pulchella</i>	Resident	Least Concern	Direct Sighting
183.	Long-Tailed Sibia	<i>Heterophasia picaoides</i>	Resident	Least Concern	Direct Sighting
184.	Blue-and-White Flycatcher	<i>Cyanoptila cyanomelana</i>	Resident	Least Concern	Direct Sighting
185.	Dark-Sided Flycatcher	<i>Muscicapa sibirica</i>	Migratory	Least Concern	Direct Sighting
186.	Ferruginous Flycatcher	<i>Muscicapa ferruginea</i>	Migratory	Least Concern	Direct Sighting
187.	Red-Throated Flycatcher	<i>Ficedula parva</i>	Migratory	Least Concern	Direct Sighting
188.	Rufous-Gorgeted Flycatcher	<i>Ficedula strophitata</i>	Resident	Least Concern	Direct Sighting
189.	Little Pied Flycatcher	<i>Ficedula</i>	Resident	Least Concern	Direct Sighting



		<i>westermanni</i>			
190.	Slaty-Blue Flycatcher	<i>Ficedula tricolor</i>	Resident	Least Concern	Direct Sighting
191.	White-Gorgeted Flycatcher	<i>Ficedula monileger</i>	Resident	Least Concern	Direct Sighting
192.	Slaty-Backed Flycatcher	<i>Ficedula hodgsonii</i>	Resident	Least Concern	Direct Sighting
193.	Vivid Niltava	<i>Niltava vivida</i>	Resident	Least Concern	Direct Sighting
194.	Hill Blue Flycatcher	<i>Cyornis banyumas</i>	Resident	Least Concern	Direct Sighting
195.	Large Niltava	<i>Niltava grandis</i>	Resident	Least Concern	Direct Sighting
196.	Small Niltava	<i>Niltava macgrigoriae</i>	Resident	Least Concern	Photo Identification
197.	Rufous-Bellied Niltava	<i>Niltava sundara</i>	Resident	Least Concern	Direct Sighting
198.	Verditer Flycatcher	<i>Eumyias thalassina</i>	Resident	Least Concern	Direct Sighting
199.	Grey-Headed Canary Flycatcher	<i>Culicicapa ceylonensis</i>	Resident	Least Concern	Direct Sighting
200.	Asian Paradise Flycatcher	<i>Terpsiphone paradise</i>	Resident	Least Concern	Direct Sighting
201.	Yellow-Bellied Fantail	<i>Rhipidura hypoxantha</i>	Resident	Least Concern	Direct Sighting
202.	White-Throated Fantail	<i>Rhipidura aureola</i>	Resident	Least Concern	Direct Sighting
203.	Black-Naped Monarch	<i>Hypothymis azurea</i>	Resident	Least Concern	Direct Sighting
204.	White-Throated Fantail	<i>Rhipidura albicollis</i>	Resident	Least Concern	Direct Sighting
205.	Grey-Bellied Tesia	<i>Tesia cyaniventer</i>	Resident	Least Concern	Direct Sighting
206.	Chestnut-Headed Tesia	<i>Tesia castaneocoronata</i>	Resident	Least Concern	Direct Sighting
207.	Brownish-Flanked Bush Warbler	<i>Cettia fortipes</i>	Resident	Least Concern	Direct Sighting
208.	Rufescent Prinia	<i>Prinia rufescens</i>	Resident	Least Concern	Direct Sighting
209.	Grey-Breasted Prinia	<i>Prinia hodgsonii</i>	Resident	Least Concern	Direct Sighting
210.	Hill Prinia	<i>Prinia atrogularis</i>	Resident	Least Concern	Direct Sighting
211.	Common Tailorbird	<i>Orthotomus sutorius</i>	Resident	Least Concern	Direct Sighting
212.	Mountain Tailorbird	<i>Orthotomus cuculatus</i>	Resident	Least Concern	Direct Sighting
213.	Smoky Warbler	<i>Phylloscopus fuligiventer</i>	Migratory	Least Concern	Direct Sighting
214.	Ashy-Throated Warbler	<i>Phylloscopus maculipennis</i>	Resident	Least Concern	Direct Sighting
215.	Yellow-Vented Warbler	<i>Phylloscopus cantator</i>	Resident	Least Concern	Direct Sighting
216.	White-Spectacled Warbler	<i>Seicercus affinis</i>	Resident	Least Concern	Direct Sighting
217.	Golden-Spectacled Warbler	<i>Seicercus burkii</i>	Migratory	Least Concern	Direct Sighting
218.	Grey-Hooded Warbler	<i>Seicercus xanthoschistos</i>	Migratory	Least Concern	Direct Sighting
219.	Grey-Cheeked Warbler	<i>Seicercus poliogenys</i>	Resident	Least Concern	Direct Sighting
220.	Chestnut-Crowned Warbler	<i>Seicercus castaniceps</i>	Resident	Least Concern	Direct Sighting
221.	Slaty-Bellied Tesia	<i>Tesia olivea</i>	Resident	Least Concern	Direct Sighting
222.	Japanese Bush Warbler	<i>Cettia diphone</i>	Migrant	Least Concern	Direct Sighting
223.	Grey-Sided Bush Warbler	<i>Cettia brunnifrons</i>	Resident	Least Concern	Direct Sighting
224.	Russet Bush Warbler	<i>Bradypterus seebohmi</i>	Resident	Least Concern	Direct Sighting
225.	Brown Bush Warbler	<i>Bradypterus luteoventris</i>	Resident	Least Concern	Direct Sighting
226.	Striated Prinia	<i>Prinia criniger</i>	Resident	Least Concern	Direct Sighting
227.	Lemon-Rumped Warbler	<i>Phylloscopus chloronotus</i>	Resident	Least Concern	Direct Sighting
228.	Ashy-Throated Warbler	<i>Phylloscopus maculipennis</i>	Resident	Least Concern	Direct Sighting
229.	Large-Billed Leaf Warbler	<i>Phylloscopus magnirostris</i>	Migratory	Least Concern	Direct Sighting

230.	Blyth's Leaf Warbler	<i>Phylloscopus reguloides</i>	Migratory	Least Concern	Direct Sighting
231.	Black-Faced Warbler	<i>Abroscopus schisticeps</i>	Resident	Least Concern	Direct Sighting
232.	Rufous-Faced Warbler	<i>Abroscopus albogularis</i>	Resident	Least Concern	Direct Sighting
233.	Broad-Billed Warbler	<i>Tickellia hodgsoni</i>	Resident	Least Concern	Direct Sighting
234.	White-Browed Shortwing	<i>Brachypteryx montana</i>	Resident	Least Concern	Direct Sighting
235.	White-Tailed Rubythroat	<i>Luscinia pectoralis</i>	Resident	Least Concern	Direct Sighting
236.	White-Browed Bush Robin	<i>Tarsiger indicus</i>	Resident	Least Concern	Direct Sighting
237.	Orange-Flanked Bush Robin	<i>Tarsiger cyanurus</i>	Resident	Least Concern	Direct Sighting
238.	Rufous-Breasted Bush Robin	<i>Tarsiger hyperythrus</i>	Resident	Least Concern	Direct Sighting
239.	Oriental Magpie Robin	<i>Copsychus saularis</i>	Resident	Least Concern	Direct Sighting
240.	Black Redstart	<i>Phoenicurus ochruros</i>	Resident	Least Concern	Direct Sighting
241.	Hodgson's Redstart	<i>Phoenicurus schisticeps</i>	Resident	Least Concern	Direct Sighting
242.	Blue-Fronted Redstart	<i>Phoenicurus frontalis</i>	Resident	Least Concern	Direct Sighting
243.	Daurian Redstart	<i>Phoenicurus aureus</i>	Resident	Least Concern	Direct Sighting
244.	White-Winged Redstart	<i>Phoenicurus erythrogaster</i>	Resident	Least Concern	Direct Sighting
245.	Plumbeous Water Redstart	<i>Rhyacornis fuliginosus</i>	Resident	Least Concern	Direct Sighting
246.	White-Tailed Robin	<i>Myiomela leucura</i>	Resident	Least Concern	Direct Sighting
247.	Little Forktail	<i>Enicurus scouleri</i>	Resident	Least Concern	Direct Sighting
248.	Black-Backed Forktail	<i>Enicurus immaculatus</i>	Resident	Least Concern	Direct Sighting
249.	Slaty-Backed Forktail	<i>Enicurus schistaceus</i>	Resident	Least Concern	Direct Sighting
250.	White-Crowned Forktail	<i>Enicurus leschenaulti</i>	Resident	Least Concern	Direct Sighting
251.	Spotted Forktail	<i>Enicurus maculatus</i>	Resident	Least Concern	Direct Sighting
252.	Common Stonechat	<i>Saxicola torquata</i>	Resident	Least Concern	Direct Sighting
253.	Grey Bushchat	<i>Saxicola ferrea</i>	Resident	Least Concern	Direct Sighting
254.	White-Capped Water Redstart	<i>Chaimarrornis leucocephalus</i>	Resident	Least Concern	Direct Sighting
255.	Blue Rock Thrush	<i>Monticola solitaries</i>	Resident	Least Concern	Direct Sighting
256.	Blue Whistling Thrush	<i>Myophonus caeruleus</i>	Resident	Least Concern	Direct Sighting
257.	Orange-Headed Thrush	<i>Zoothera sibirica</i>	Migratory	Least Concern	Direct Sighting
258.	Plain-Backed Thrush	<i>Zoothera mollissima</i>	Resident	Least Concern	Photo Identification
259.	Scaly Thrush	<i>Zoothera dauma</i>	Migratory	Least Concern	Direct Sighting
260.	Black-Breasted Thrush	<i>Turdus dissimilis</i>	Resident	Least Concern	Direct Sighting
261.	White-Collared Blackbird	<i>Turdus albocinctus</i>	Resident	Least Concern	Direct Sighting
262.	Grey-Winged Blackbird	<i>Turdus boulboul</i>	Resident	Least Concern	Direct Sighting
263.	Dark-Throated Thrush	<i>Turdus ruficollis</i>	Migratory	Least Concern	Direct Sighting
264.	Brown Dipper	<i>Cinclus pallasii</i>	Resident	Least Concern	Direct Sighting
265.	Rufous-Breasted Accentor	<i>Prunella strophciata</i>	Resident	Least Concern	Direct Sighting
266.	Great Tit	<i>Parus major</i>	Resident	Least Concern	Direct Sighting
267.	Green- Backed Tit	<i>Parus monticolus</i>	Resident	Least Concern	Direct Sighting
268.	Yellow- Cheeked Tit	<i>Parus spilonotus</i>	Resident	Least Concern	Direct Sighting
269.	Black-Throated Tit	<i>Aegithalos concinnus</i>	Resident	Least Concern	Direct Sighting
270.	Rufous-Fronted Tit	<i>Aegithalos</i>	Resident	Least Concern	Direct Sighting

		<i>iouschistos</i>			
271.	White-Tailed Nuthatch	<i>Sitta himalayensis</i>	Resident	Least Concern	Direct Sighting
272.	Beautiful Nuthatch	<i>Sitta formosa</i>	Resident	Vulnerable	Direct Sighting
273.	Wall Creeper	<i>Tichodroma muraria</i>	Resident	Least Concern	Direct Sighting
274.	Brown-Throated Treedrepper	<i>Certhia discolor</i>	Resident	Least Concern	Direct Sighting
275.	Olive-Backed Pipit	<i>Anthus hodgsoni</i>	Migratory	Least Concern	Direct Sighting
276.	Yellow Wagtail	<i>Motacilla flava</i>	Migratory	Least Concern	Direct Sighting
277.	Grey Wagtail	<i>Motacilla cinerea</i>	Migratory	Least Concern	Direct Sighting
278.	White Wagtail	<i>Motacilla alba</i>	Migratory	Least Concern	Direct Sighting
279.	Fire-Breasted Flowerpecker	<i>Dicaeum ignipectus</i>	Resident	Least Concern	Direct Sighting
280.	Green-Tailed Sunbird	<i>Aethopyga nipalensis</i>	Resident	Least Concern	Direct Sighting
281.	Black-Throated Sunbird	<i>Aethopyga saturata</i>	Resident	Least Concern	Photo Identification
282.	Fire-Tailed Sunbird	<i>Aethopyga ignicauda</i>	Resident	Least Concern	Direct Sighting
283.	Streaked Spiderhunter	<i>Arachnothera magna</i>	Resident	Least Concern	Direct Sighting
284.	Oriental White-Eye	<i>Zosterops palpebrosus</i>	Resident	Least Concern	Direct Sighting
285.	Eurasian Tree Sparrow	<i>Passer montanus</i>	Resident	Least Concern	Direct Sighting
286.	Scaly-Breasted Munia	<i>Lonchura punctulata</i>	Resident	Least Concern	Direct Sighting
287.	Black-Headed Greenfinch	<i>Carduelis ambigua</i>	Resident	Least Concern	Direct Sighting
288.	Tibetan Siskin	<i>Carduelis thibetana</i>	Migratory	Least Concern	Photo Identification
289.	Common Rosefinch	<i>Carpodacus erythrinus</i>	Migratory	Least Concern	Direct Sighting
290.	Japanese Grosbeak	<i>Eophona personata</i>	Migratory	Least Concern	Photo Identification
291.	Scarlet Finch	<i>Haematospiza sipahi</i>	Resident	Least Concern	Direct Sighting
292.	Little Bunting	<i>Emberiza pusilla</i>	Migratory	Least Concern	Direct Sighting
293.	Purple Cochoa	<i>Cochoa purpurea</i>	Resident	Least Concern	Direct Sighting
294.	Long-Tailed Thrush	<i>Zoothera dixonii</i>	Resident	Least Concern	Direct Sighting
295.	Long-Billed Thrush	<i>Zoothera monticola</i>	Resident	Least Concern	Direct Sighting
296.	Chestnut Thrush	<i>Turdus rubrocanus</i>	Resident	Least Concern	Direct Sighting
297.	Winter Wren	<i>Troglodytes troglodytes</i>	Resident	Least Concern	Direct Sighting
298.	White-Throated Dipper	<i>Cinclus cinclus</i>	Resident	Least Concern	Photo Identification
299.	Alpine Accentor	<i>Prunella collaris</i>	Resident	Least Concern	Photo Identification
300.	Altai Accentor	<i>Prunella himalayana</i>	Migratory	Least Concern	Photo Identification
301.	Rusty-Flanked Treecreeper	<i>Certhia nipalensis</i>	Resident	Least Concern	Direct Sighting
302.	Water Pipit	<i>Anthus spinoletta</i>	Migratory	Least Concern	Direct Sighting
303.	Chaffinch	<i>Fringilla coelebs</i>	Migratory	Least Concern	Direct Sighting
304.	Collared Grosbeak	<i>Mycerobas affinis</i>	Resident	Least Concern	Direct Sighting
305.	Dark-Breasted Rosefinch	<i>Carpodacus nipalensis</i>	Resident	Least Concern	Direct Sighting
306.	Spot-Winged Rosefinch	<i>Carpodacus rodopeplus</i>	Resident	Least Concern	Direct Sighting
307.	Crimson-Browed Finch	<i>Propyrrhula subhimachala</i>	Resident	Least Concern	Photo Identification
308.	Gold-Naped Finch	<i>Pyrrhoplectus epauletta</i>	Resident	Least Concern	Photo Identification
309.	Grey-Headed Bullfinch	<i>Pyrrhula erythaca</i>	Resident	Least Concern	Direct Sighting
310.	Pine Bunting	<i>Emberiza leucocephalos</i>	Migratory	Least Concern	Direct Sighting
311.	Chestnut-Eared Bunting	<i>Emberiza fucata</i>	Resident	Least Concern	Direct Sighting
312.	Crested Bunting	<i>Melophus lathamii</i>	Resident	Least Concern	Direct Sighting
313.	Eurasian Marsh Harrier	<i>Circus aeruginosus</i>	Migratory	Least Concern	Direct Sighting
314.	Mrs Gould's Sunbird	<i>Aethopyga gouldiae</i>	Resident	Least Concern	Direct Sighting