



Birds of Bhanubhakta Zoological Garden



2023

Cover photo:

Nepali name: घनरक्त सुनचरी

English name: Maroon oriole

Scientific name: *Oriolus traillii*

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Background

Bhanubhakta Zoological Garden (BZG) is established on first May, 2017 as a second zoological garden of Department of National Parks and Wildlife Conservation (DNPWC) under the Ministry of Forests and Environment (MOFE) with an area of 425 ha in Tanahun district, Nepal. The main purpose of the zoological garden is to provide educational, spiritual and recreational opportunities to general public and to support and enhance ex-situ conservation of wild flora and fauna found in the country.

Major Flora and Fauna

Despite the small area, Bhanubhakta Zoological Garden is rich in biodiversity. It covers more than 87% area with forest, mostly Sal (*Shorea robusta*), chilaune (*schima wallichii*), katus (*Castanopsis indica*) and asna (*Terminalia tomentosa*). The garden is habitat to more than 13 species of mammals, 185 species of birds and 15 species of amphibians and reptiles.

Location and Topography

The Bhanubhakta Zoological Garden is situated in Tanahun district (Bhanu and Byas municipalities) of Gandaki province, Nepal. It is located in Latitude: 27° 59'13" N, Longitude: 84° 21' 16"E. The boundary of the garden is:

East : Way to Chhirkane Bhanjyang Jauwari Village - Pokhari Bhanjyang - Rai Kholsi - Chalise Khola - Shisha Khola and Garam Bhanjyang

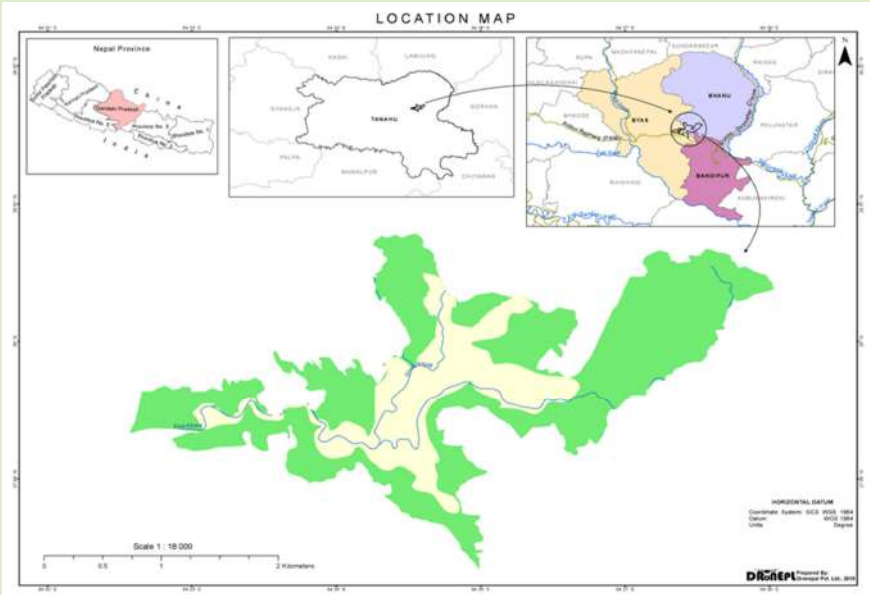
West : Moti Chautara - Katahare Phant - Tin Pate Danda - Bhumitar Village - Sathimure Khola - Bhanjyang Chautara.

North : Village road way to Nabrung and settalment - Baguwa village with Nepal Danda settlement, way to Bhanjyang Chautara through Simne khola and Bhalu Khola.

South : Chhirkane Bhanjyang through Prithvi Highway, Deaurali Settlement with Moti Chautara to Katahare Phant.

It covers ward number 11 & 12 of Vyas Municipality and ward number 5 & 6 of Bhanu Municipality partly. The elevation of the zoological garden ranges from 450 m to 890 m.

The Zoological Garden is situated on the alluvial deposits of two major streams Shisha Khola and Bhalu Khola, it is generally flat to moderately sloping with a natural meandering water body lying on the northern side of the Garden premises covering an area of 425 ha.



Land Use Area

The government of Nepal has approved 425 ha area for the Zoological Garden that includes eight community forests, five leasehold forests and Barren parts of forest managed by government of Nepal. Most of the area i.e. 87 % of total area is covered by the forest, 11% by the cultivated land and 2% by the water cover and remaining by settlement and road. Similarly, nearly 94% of forest land is covered by community forest whereas leasehold forests comprise 6%.

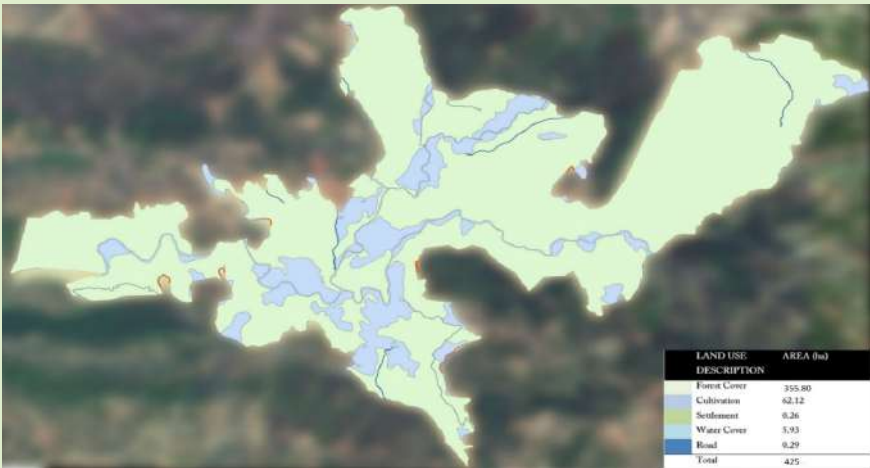


Figure: Land use Map

Accessibility

The Zoological Garden is accessible via the Prithvi Highway which is around 142 km west from Kathmandu. The most common way to get to the Garden is by vehicles from Kathmandu to Pokhara. Public vehicles are easily available on the daily basis from Kathmandu following Tribhuvan High Way upto Naubise and Prithvi High Way to Chhirkhan, Tahahun crossing Muglin. The journey is about five hours to be in the Garden.

Kathmandu	: 142 km
Bharatpur	: 70 km
Mugling	: 31 km
Pokhara	: 59 km
Damauli	: 11 km
Dumre Bazar	: 7 km
Kurintar	: 37 km
Manakamana Temple	: 46 km

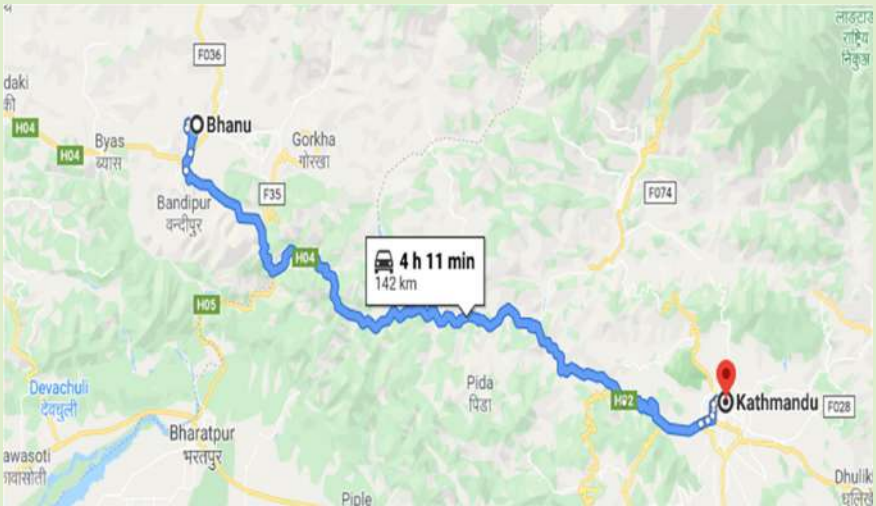


Figure: Access road to Bhanubhakta Zoological Garden

Climate and Rainfall

The climate is mild and generally a warm. It has subtropical climate with an average annual temperature of 23.1°C. June, July and August are the hottest months with an average temperature above 27.9 °C and January is the coldest one with an average temperature of 15.1° C. It is the lowest average temperature of the whole year. The temperature generally varies based on the topographic variations.

Winter rains are more common in this sites however December is the driest months with an average of 7mm rainfall and most precipitation falls in July with an average of 635mm. The average annual rainfall is 2443mm.

SN	Common Name	Order	Family	Genus	Species	IUCN Status
1	Mountain hawk eagle	Accipitriformes	Accipitridae	Nisaetus	nipalensis	NT
2	Egyptian vulture	Accipitriformes	Accipitridae	Neophron	percnopterus	EN
3	Himalayan vulture	Accipitriformes	Accipitridae	Gyps	himalayensis	NT
4	Black kite	Accipitriformes	Accipitridae	Milvus	migrans	LC
5	Booted eagle	Accipitriformes	Accipitridae	Hieraaetus	pennatus	LC
6	Crested serpent eagle	Accipitriformes	Accipitridae	Spilornis	cheela	LC
7	Himalayan buzzard	Accipitriformes	Accipitridae	Buteo	burmanicus	LC
8	Besra	Accipitriformes	Accipitridae	Accipiter	virgatus	LC
9	Black baza	Accipitriformes	Accipitridae	Aviceda	leuphptes	LC
10	Shikra	Accipitriformes	Accipitridae	Accipiter	badius	LC
11	Steppe eagle	Accipitriformes	Accipitridae	Aquila	nipalensis	EN
12	Bonelli's eagle	Accipitriformes	Accipitridae	Aquila	fasciate	LC
13	Himalayan swiftlet	Apodiformes	Apodidae	Aerodarnus	brevirostris	LC
14	House swift	Apodiformes	Apodidae	Apus	nipalensis	LC
15	Large tailed nightjar	Caprimulgi- formes	Caprimulgidae	Caprimulgus	macrurus	LC
16	Red wattled lapwing	Charadriiformes	Charadriidae	Vanellus	indicus	LC
17	Oriental turtle dove	Columbiformes	Columbidae	Streptopelia	orientalis	LC
18	Spotted dove	Columbiformes	Columbidae	Spilopelia	suratensis	LC
19	Wedge-tailed green pigeon	Columbiformes	Columbiformes	Treron	sphenurus	LC
20	White-throated kingfisher	Coraciiformes	Alcedinidae	Halcyon	smymensis	LC
21	Indian roller	Coraciiformes	Coraciidae	Coracias	benghalensis	LC
22	Dollar bird	Coraciiformes	Coraciidae	Eurystomus	orientalis	LC
23	Blue-bearded bee-eater	Coraciiformes	Meropidae	Nyctornis	athertoni	LC

SN	Common Name	Order	Family	Genus	Species	IUCN Status
24	Chestnut-headed bee-eater	Coraciiformes	Meropidae	Merops	leschelaulti	LC
25	Green bee-eater	Coraciiformes	Meropidae	Merops	orientalis	LC
26	Greater coucal	Cuculiformes	Cuculidae	Centropus	sinensis	LC
27	Green-billed malkoha	Cuculiformes	Cuculidae	Phaenico- phaeus	tristis	LC
28	Sirkeer malkoha	Cuculiformes	Cuculidae	Taccocua	leschenaultii	LC
29	Common hawk cuckoo	Cuculiformes	Cuculidae	Hierococcyx	varius	LC
30	Eurasian cuckoo	Cuculiformes	Cuculidae	Cuculus	canorus	LC
31	Lesser cuckoo	Cuculiformes	Cuculidae	Cuculus	poliocephalus	LC
32	Grey bellied cuckoo	Cuculiformes	Cuculidae	Cacomantis	passerinus	LC
33	Plaintive cuckoo	Cuculiformes	Cuculidae	Cacomantis	merulinus	LC
34	Asian koel	Cuculiformes	Cuculidae	Eudynamys	scolopaceus	LC
35	Indian cuckoo	Cuculiformes	Cuculidae	Cuculus	micropterus	LC
36	Common kestrel	Falconiformes	Falconidae	Falco	tinnunculus	LC
37	Eurasian hobby	Falconiformes	Falconidae	Falco	subbuteo	LC
38	Collared falconet	Falconiformes	Falconidae	Microhierax	caerulescens	LC
39	Peregrine falcon	Falconiformes	Falconidae	Falco	peregrinus	LC
40	Black francolin	Galliformes	Phasianidae	Francolinus	francolinus	LC
41	Hill partige	Galliformes	Phasianidae	Arborophila	torqueola	LC
42	White-breasted waterhen	Ralligae	Gruiformes	Amauornis	phoenicurus	LC
43	Kalij pheasant	Galliformes	Phasianidae	Lophura	leucomelanos	LC
44	Red jungle fowl	Galliformes	Phasianidae	Gallus	gallus	LC
45	Thick-billed warbler	Passeriformes	Arundinax	Iduna	aedon	LC
46	Oriental skylark	Passeriformes	Alaudidae	Alauda	gulgula	LC
47	Scarlet minivet	Passeriformes	Campephagi- dae	Pericrocotus	speciosus	LC
48	Large cuckoo shrike	Passeriformes	Campephagi- dae	Coracina	macei	LC
49	Black-winged cuckoo shrike	Passeriformes	Campephagi- dae	Coracina	melaschistos	LC
50	Aberrant bush warbler	Passeriformes	Cettiidae	Horornis	flavovivaceus	LC
51	Grey-sided bush warbler	Passeriformes	Cettiidae	Cettia	brunnifrons	LC
52	Grey-bellied tesia	Passeriformes	Cettiidae	Tesia	cyaniventer	LC
53	Common tailorbird	Passeriformes	Cisticolidae	Orthotomus	sutorius	LC

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54	Grey-breasted prinia	Passeriformes	Cisticolidae	Prinia	hodgsonii	LC
55	Rufous treepie	Passeriformes	Corvidae	Dendrocitta	vagabunda	LC
56	Grey treepie	Passeriformes	Corvidae	Dendrocitta	formosae	LC
57	Red-billed blue magpie	Passeriformes	Corvidae	Urocissa	erythroryncha	LC
58	Common green magpie	Passeriformes	Corvidae	Cissa	chinensis	LC
59	Large-billed crow	Passeriformes	Corvidae	Corvus	macrorhynchus	LC
60	Fire-breasted flower-pecker	Passeriformes	Dicaeidae	Dicaeum	ignipectus	LC
61	Black drongo	Passeriformes	Dicruridae	Dicrurus	macrocerus	LC
62	Lesser racket-tailed drongo	Passeriformes	Dicruridae	Dicrurus	remifer	LC
63	Bronzed drongo	Passeriformes	Dicruridae	Dicrurus	aeneus	LC
64	Spangled drongo	Passeriformes	Dicruridae	Dicrurus	barctatus	LC
65	Greater racket-tailed drongo	Passeriformes	Dicruridae	Dicrurus	paradiseus	LC
66	White-bellied drongo	Passeriformes	Dicruridae	Dicrurus	caerulescens	LC
67	White-rumped munia	Passeriformes	Estrildidae	Lonchura	striata	LC
68	Long-tailed broadbilled	Passeriformes	Eurylaimidae	Psarisomus	dalhousiae	LC
69	Long-tailed shrike	Passeriformes	Laniidae	Lanius	schach	LC
70	Brown shrike	Passeriformes	Laniidae	Lanius	cristatus	LC
71	Grey-backed shrike	Passeriformes	Laniidae	Lanius	tephronotus	LC
72	Jungle babbler	Passeriformes	Leiothrichidae	Argya	striata	LC
73	Chestnut-crowned laughingthrush	Passeriformes	Leiothrichidae	Trochalopteron	erythrocephalum	LC
74	Spiny babbler	Passeriformes	Leiothrichidae	Turdoides	nipalensis	LC
75	White-crested laughingthrush	Passeriformes	Leiothrichidae	Garrulax	leucolophus	LC
76	Red-billed leiothrix	Passeriformes	Leiothrichidae	Leiothrix	lutea	LC
77	Asian paradise flycatcher	Passeriformes	Monarchidae	Terpsiphone	paradisi	LC
78	Olive-backed pipit	Passeriformes	Motacillidae	Anthus	hodgsoni	LC
79	Grey wagtail	Passeriformes	Motacillidae	Motacilla	cinerea	LC
80	White wagtail	Passeriformes	Motacillidae	Motacilla	alba	LC
81	Oriental magpie robin	Passeriformes	Muscicapidae	Copsychus	saularis	LC
82	Rufous-bellied niltava	Passeriformes	Muscicapidae	Niltava	sundara	LC
83	Small niltava	Passeriformes	Muscicapidae	Niltava	macgrigoriae	LC

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84	Slaty blue flycatcher	Passeriformes	Muscicapidae	Ficedula	tricolor	LC
85	Taiga flycatcher	Passeriformes	Muscicapidae	Ficedula	albicilla	LC
86	Verditer flycatcher	Passeriformes	Muscicapidae	Eumyias	thalassinus	LC
87	Rufous-gorgeted flycatcher	Passeriformes	Muscicapidae	Ficedula	strophiaata	LC
88	Blue-fronted redstart	Passeriformes	Muscicapidae	Phoenicurus	frontalis	LC
89	Plumbeous water redstart	Passeriformes	Muscicapidae	Rhyacornis	fuliginosa	LC
90	Blue rock thrush	Passeriformes	Muscicapidae	Monticola	solitarius	LC
91	Chestnut-bellied rock thrush	Passeriformes	Muscicapidae	Monticola	rufiventris	LC
92	Grey bushchat	Passeriformes	Muscicapidae	Saxicola	ferreus	LC
93	Pied bushchat	Passeriformes	Muscicapidae	Saxicola	caprata	LC
94	Common stonechat	Passeriformes	Muscicapidae	Saxicola	torquata	LC
95	Pale blue flycatcher	Passeriformes	Muscicapidae	Cyornis	unicolor	LC
96	Bluethroat	Passeriformes	Muscicapidae	Luscinia	svecica	LC
97	Siberian rubythroat	Passeriformes	Muscicapidae	Luscinia	calliope	LC
98	Blue whistling thrush	Passeriformes	Muscicapidae	Myophonus	caeruleus	LC
99	Slaty-backed forktail	Passeriformes	Muscicapidae	Enicurus	schistaceus	LC
100	Spotted forktail	Passeriformes	Muscicapidae	Enicurus	maculatus	LC
101	Black-backed forktail	Passeriformes	Muscicapidae	Enicurus	immaculatus	LC
102	Dark-sided flycatcher	Passeriformes	Muscicapidae	Muscicapa	sibirica	LC
103	Blue-throated blue-flycatcher	Passeriformes	Muscicapidae	Cyornis	rubeculoides	LC
104	Black redstart	Passeriformes	Muscicapidae	Phoenicurus	ochruros	LC
105	Red-throated flycatcher	Passeriformes	Muscicapidae	Ficedula	parva	LC
106	Purple sunbird	Passeriformes	Nectariniidae	Cinnyris	asiaticus	LC
107	Crimson sunbird	Passeriformes	Nectariniidae	Aethopyga	siparaja	LC
108	Maroon oriole	Passeriformes	Oriolidae	Oriolus	traillii	LC
109	Black-lored tit	Passeriformes	Paridae	Machlolophus	xanthogenys	LC
110	Great tit	Passeriformes	Paridae	Parus	major	LC
111	Green-backed tit	Passeriformes	Paridae	Parus	monticolus	LC
112	House sparrow	Passeriformes	Passeridae	Passer	domesticus	LC
113	Eurasian tree sparrow	Passeriformes	Passeridae	Passer	montanus	LC
114	Hume's leaf warbler	Passeriformes	Phylloscopidae	Phylloscopus	humei	LC

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115	Grey-hooded warbler	Passeriformes	Phylloscopidae	Phylloscopus	xanthoschistos	LC
116	Chestnut-crowned warbler	Passeriformes	Phylloscopidae	Phylloscopus	castaniceps	LC
117	Buff-barred warbler	Passeriformes	Phylloscopidae	Phylloscopus	pulcher	LC
118	Ashy-throated warbler	Passeriformes	Phylloscopidae	Phylloscopus	muculipennis	LC
119	Greenish warbler	Passeriformes	Phylloscopidae	Phylloscopus	trochiloides	LC
120	Whistler's warbler	Passeriformes	Phylloscopidae	Seicercus	whistleri	LC
121	Black-crested bulbul	Passeriformes	Pycnonotidae	Pycnonotus	melanicterus	LC
122	Red-vented bulbul	Passeriformes	Pycnonotidae	Pycnonotus	cafer	LC
123	Himalayan bulbul	Passeriformes	Pycnonotidae	Pycnonotus	leucogenys	LC
124	Ashy bulbul	Passeriformes	Pycnonotidae	Hemixos	flavala	LC
125	Black bulbul	Passeriformes	Pycnonotidae	Hypsipetes	leucocephalus	LC
126	White-throated fantail	Passeriformes	Rhipiduridae	Rhipidura	hypoxantha	LC
127	Chestnut-bellied nuthatch	Passeriformes	Sittidae	Sitta	cinnamoven-tris	LC
128	Velvet-fronted nuthatch	Passeriformes	Sittidae	Sitta	frontalis	LC
129	White-tailed nuthatch	Passeriformes	Sittidae	Sitta	himalayensis	LC
130	Grey-headed canary flycatcher	Passeriformes	Stenostiridae	Culicicapa	ceylonensis	LC
131	Yellow-bellied fantail	Passeriformes	Stenostiridae	Chelidorhynch	hypoxantha	LC
132	Common myna	Passeriformes	Sturnidae	Acridotheres	tristis	LC
133	Chestnut-tailed starling	Passeriformes	Sturnidae	Sturnia	malabarica	LC
134	Jungle myna	Passeriformes	Sturnidae	Acridotheres	fuscus	LC
135	Barn swallow	Passeriformes	Hirundinidae	Hirundo	rustica	LC
136	Black-chinned babbler	Passeriformes	Timaliidae	Cyanoderma	pyrrhops	LC
137	Rusty-cheeked scimitar babbler	Passeriformes	Timaliidae	Pomatorhinus	erythrogenys	LC
138	Streak-breasted scimitar babbler	Passeriformes	Timaliidae	Pomatorhinus	ruficollis	LC
139	Black-throated thrush	Passeriformes	Turdidae	Turdus	atrogularis	LC
140	Pied thrush	Passeriformes	Turdidae	Geokichla	wardii	LC
141	White-bellied erpornis	Passeriformes	Vireonidae	Erpornis	zantholeuca	LC
142	Oriental white-eye	Passeriformes	Zosteropidae	Zosterops	palpebrosus	LC
143	Common iora	Passeriformes	Aegithinidae	Aegithina	tiphia	LC
144	Indian cuckooshrike	Passeriformes	Campephagi-dae	Coracina	macei	LC

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145	Indian golden oriole	Passeriformes	Oriolidae	Oriolus	kundoo	LC
146	Long-tailed minivet	Passeriformes	Campephagi- dae	Pericrotus	ethologus	LC
147	Orange-bellied leafbird	Passeriformes	Chloropseidae	Chloropsis	hardwickii	LC
148	Orange-headed thrush	Passeriformes	Turdidae	Geokichla	citrina	LC
149	Scaly thrush	Passeriformes	Turdidae	Zoothera	dayma	LC
150	Pale-footed bush warbler	Passeriformes	Cettiidae	Urosphena	pallidipes	LC
151	Pin-striped tit babbler	Passeriformes	Timaliidae	Mixornis	gularis	LC
152	Puff-throated babbler	Passeriformes	Pallorneidae	Pellorneum	ruficeps	LC
153	Striated prinia	Passeriformes	Passeriformes	Prinia	crinigera	LC
154	Tickell's leaf warbler	Passeriformes	Passeriformes	Phylloscopus	affinis	LC
155	White-browed scimitar babbler	Passeriformes	Passeriformes	Pomotorhinus	schisticeps	LC
156	White-rumped shama	Passeriformes	Passeriformes	Copsychus	malabaricus	LC
157	Ashy drongo	Passeriformes	Dicruridae	Dicrurus	leucophaeus	LC
158	Ashy woodswallow	Passeriformes	Artamidae	Artamus	fuscus	LC
159	Bar-winged flycatcher-shrike	Passeriformes	Vangidae	Hemipus	picatus	LC
160	Red-rumped swallow	Passeriformes	Mirundinidae	Cecropis	daurica	LC
161	Indian pond heron	Pelecaniformes	Ardeidae	Ardeola	grayii	LC
162	Little egret	Pelecaniformes	Ardeidae	Egretta	garzetta	LC
163	Cattle egret	Pelecaniformes	Ardeidae	Bubulcus	ibis	LC
164	Lineated barbet	Piciformes	Megalaimidae	Megalaima	lineata	LC
165	Blue-throated barbet	Piciformes	Megalaimidae	Megalaima	asiatica	LC
166	Great barbet	Piciformes	Megalaimidae	Psilopogon	virens	LC
167	Grey-headed woodpecker	Piciformes	Picidae	Picus	canus	LC
168	Lesser yellownape	Piciformes	Picidae	Picus	chlorolophus	LC
169	Fluvious-breasted woodpecker	Piciformes	Picidae	Dendrocopos	macei	LC
170	Grey-capped pygmy woodpecker	Piciformes	Picidae	Dendrocopos	canicapillus	LC
171	Greater yellownape	Piciformes	Picidae	Chrysophlegma	flavinucha	LC
172	Himalayan goldenback	Piciformes	Picidae	Dinopium	shorii	LC

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173	Black-naped woodpecker	Piciformes	Picidae	Picus	guerini	LC
174	Greater flameback	Piciformes	Picidae	Chrysocolaptes	guttacristatus	LC
175	Rufous woodpecker	Piciformes	Picidae	Micropternus	brachyurus	LC
176	Streak-throated woodpecker	Piciformes	Piciformes	Picus	xanthopygaeus	LC
177	Rose-ringed parakeet	Psittaciformes	Psittaculidae	Psittacula	krameri	LC
178	Slaty-headed parakeet	Psittaciformes	Psittaculidae	Psittacula	himalayana	LC
179	Asian barred owl	Strigiformes	Strigidae	Glaucidium	cuculoides	LC
180	Collared owl	Strigiformes	Strigidae	Glaucidium	brodiei	LC
181	Jungle owl	Strigiformes	Strigidae	Glaucidium	radiatum	LC
182	Spotted owl	Strigiformes	Strigidae	Athene	brama	LC
183	Brown wood owl	Strigiformes	Strigidae	Strix	leptogrammica	LC
184	Oriental scops owl	Strigiformes	Strigidae	Otus	sunia	LC
185	Brown boobook	Strigiformes	Strigidae	Ninox	scutulata	LC

IUCN Status

LC-Least Concern, EN-Endangered, NT- Near threatened, VU- Vulnerable



सेतो गिद्ध

Egyptian vulture

Neophron percnopterus



जुल्फे जुरेली

Himalayan bulbul

Pycnonotus leucogensis



कालो घिबे
Black drongo
Dicrurus macrocercus



पाण्डु चिचिलकोटे
Black lored tit
Parus xanthogenys



चस्मे उलुक
Brown wood owl
Strix leptagrammica



ठेउवा
Indian roller
Coracias benghalensis



पहाडी कोकले
Grey treepie
Dendrocitta formosae



सिपराजा बुङ्गेचरा
Crimson sunbird
Aethopyga siparaja

