

PRELIMINARY OBSERVATIONS ON AVIFAUNA DIVERSITY OF KAKATIYA UNIVERSITY CAMPUS, WARANGAL

N.C. Hiragond

Department of Zoology, Yashwantrao Chavan College, Halkarni – 416 552
Tal. Chandgad, Dt. Kolhapur, Maharashtra, India

E-mail: hiragond@gmail.com

Kakatiya University, Warangal (18.0°N 79.58°E) is located around 302 metres asl in Telangana state of India. I had an opportunity to stay in the said campus for the period of 15 days from 18.08.2014 to 01.09.2014. Since, there are no published records on avifauna of the said campus.

Attempts were made to prepare preliminary checklist of birds. Direct observations were made to document avifauna during 6.30 to 9.30 hrs and 17.30 to 18.30 hrs along the roadside and in thick vegetation of the campus. In some places of thick vegetation point transect method was also adopted.

Table 1. Showing avifauna recorded in Kakatiya University campus, Warangal

Sl. No.	Order/Family	Common Name	Scientific Name
1. Order GALLIFORMES			
1	1.Phasianidae	Indian Peafowl	<i>Pavo cristatus</i>
2		Jungle Bush Quail	<i>Perdica asiatica</i>
2. Order PODICIPEDIFORMES			
3	2.Podicipedidae	Little Grebe	<i>Tachybaptus ruficollis</i>
3. Order CICONIIFORMES			
4	3.Ardeidae	Indian Pond Heron	<i>Ardeola grayii</i>
5		Cattle Egret	<i>Bubulcus ibis</i>
6		Intermediate Egret	<i>Mesophoyx intermedia</i>
4. Order FALCONIFORMES			
7	4.Accipitridae	Brahminy Kite	<i>Haliastur indus</i>
8		Black Kite	<i>Milvus migrans</i>
9		Black-winged Kite	<i>Elanus caeruleus</i>
10		Shikra	<i>Accipiter badius</i>
5. Order GRUIFORMES			
11	5.Rallidae	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>
6. Order CHARADRIIFORMES			
12	6.Charadriidae	Red-wattled Lapwing	<i>Vanellus indicus</i>
7. Order COLUMBIFORMES			
13	7. Accipitridae	Common Pigeon	<i>Columba livia</i>
14		Spotted Dove	<i>Stigmatopelia chinensis</i>
15		Eurasian Collared Dove	<i>Streptopelia decaocto</i>
16		Yellow-footed Green Pigeon	<i>Treron phoenicopterus chlorigaster</i>

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Sl. No.	Order/Family	Common Name	Scientific Name
8. Order PSITTACIFORMES			
17	8.Psittacidae	Rose-ringed Parakeet	<i>Psittacula krameri</i>
9. Order CUCULIFORMES			
18	9.Cuculidae	Asian Koel	<i>Eudynamys scolopaceus</i>
19		Southern Coucal	<i>Centropus parroti</i>
10. Order STRIGIFORMES			
20	10.Strigidae	Spotted Owlet	<i>Athene brama</i>
11. Order APODIFORMES			
21	11.Apodidae	Asian Palm Swift	<i>Cypsiurus balasiensis</i>
22		Little Swift	<i>Apus affinis</i>
12. Order UPUIFORMES			
23	12.Upupidae	Common Hoopoe	<i>Upupa epops</i>
13. Order CORACIFORMES			
24	13.Coracidae	Indian Roller	<i>Coracias benghalensis</i>
25	14.Halcyonidae	White-throated Kingfisher	<i>Halcyon smyrnensis</i>
26	15.Cerylidae	Pied Kingfisher	<i>Ceryle rudis</i>
27	16.Meropidae	Green Bee-eater	<i>Merops orientalis</i>
14. Order BUCEROTIFORMES			
28	17.Bucerotidae	Indian Grey Hornbill	<i>Ocyrceros birostris</i>
15. Order PICIFORMES			
29	18.Ramphastidae	Coppersmith Barbet	<i>Megalaima haemacephala</i>
30		Brown-headed Barbet	<i>Megalaima zeylanica</i>
31	19.Picidae	Lesser Goldenback	<i>Dinopium benghalense benghalense</i>
16. Order PASSERIFORMES			
32	20.Aegithinidae	Common Iora	<i>Aegithina tiphia</i>
33	21.Campephagidae	Small Minivet	<i>Pericrocotus cinnamomeus</i>
34	22.Prionopidae	Common Woodshrike	<i>Tephrodornis pondicerianus</i>
35		Long -tailed Shrike	<i>Lanius schach</i>
36	23.Dicruridae	Black Drongo	<i>Dicrurus macrocercus</i>
37	24.Oriolidae	Indian Golden Oriole	<i>Oriolus kundoo</i>
38	25.Rhipiduridae	White-browed Fantail	<i>Rhipidura aureola</i>
39	26.Corvidae	House Crow	<i>Corvus splendens</i>
40	27.Hirundinidae	Dusky Crag Martin	<i>Ptyonoprogne concolor</i>
41	28.Pycnonotidae	Red-vented Bulbul	<i>Pycnonotus cafer</i>
42	29.Cisticolidae	Ashy Prinia	<i>Prinia socialis</i>
43		Plain Prinia	<i>Prinia inornata</i>
44	30.Sylviidae	Common Tailorbird	<i>Orthotomus sutorius</i>
45	31.Timaliidae	Jungle Babbler	<i>Turdoides striata orientalis</i>
46		Yellow-billed Babbler	<i>Turdoides affinis affinis</i>
47		Common Babbler	<i>Turdoides caudata</i>
48	32.Zosteropidae	Oriental White-eye	<i>Zosterops palpebrosus</i>
49	33.Sturnidae	Brahminy Starling	<i>Sturnia pagodarum</i>
50		Common Myna	<i>Acridothores tristis</i>
51	34.Muscicapinae	Oriental Magpie Robin	<i>Copsychus saularis</i>
52		Indian Robin	<i>Saxicoloides fulicatus</i>

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Sl. No.	Order/Family	Common Name	Scientific Name
53		Pied Bushchat	<i>Saxicola caprata</i>
54	35.Dicaeidae	Thick-billed Flowerpecker	<i>Dicaeum agile</i>
55		Pale-billed Flowerpecker	<i>Dicaeum erythrohynchos</i>
56	36.Nectariniidae	Purple-rumped Sunbird	<i>Leptocoma zeylonica</i>
57		Purple Sunbird	<i>Cinnyris asiaticus</i>
58	37.Passeridae	House Sparrow	<i>Passer domesticus</i>
59	38.Ploceidae	Baya Weaver	<i>Ploceus philippinus</i>
60	39.Estrildidae	Scaly-breasted Munia	<i>Lonchura punctulata</i>
61		Black-headed Munia	<i>Lonchura malacca</i>
62		Indian Silverbill	<i>Euodice malabarica</i>
63	40.Motacillidae	Paddyfield Pipit	<i>Anthus rufulus</i>

Table 2. Showing family wise number of birds recorded in Kakatiya University campus, Warangal

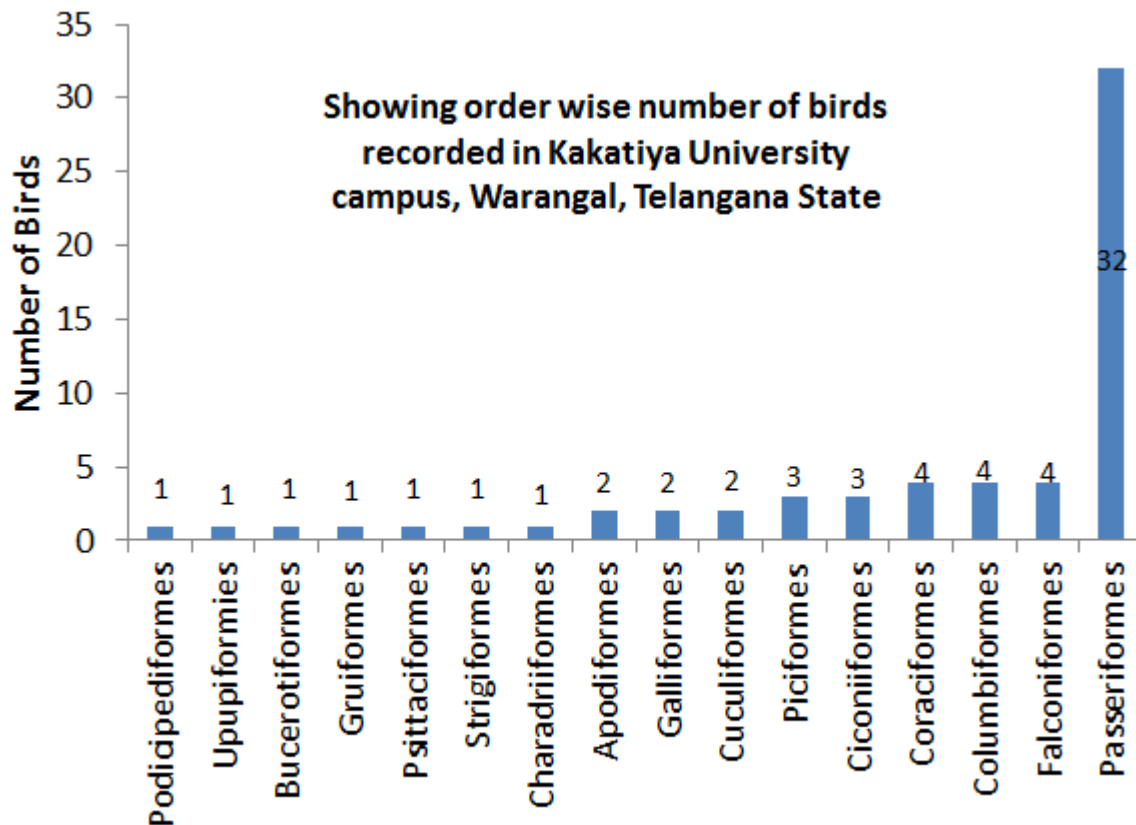
Sl. No.	Name of the Family	Number of birds recorded	Sl. No.	Name of the Family	Number of birds recorded
1	Aegithinidae	1	21	Rhipiduridae	1
2	Bucerotidae	1	22	Strigidae	1
3	Campephagidae	1	23	Sylviidae	1
4	Cerylidae	1	24	Upupidae	1
5	Charadriidae	1	25	Zosteropidae	1
6	Coraciidae	1	26	Apodidae	2
7	Corvidae	1	27	Cistcolidae	2
8	Dicruridae	1	28	Cuculidae	2
9	Halcyonidae	1	29	Dicaeidae	2
10	Hirundinidae	1	30	Nectariniidae	2
11	Meropidae	1	31	Phasianidae	2
12	Motacillidae	1	32	Prionopidae	2
13	Oriolidae	1	33	Ramphastidae	2
14	Passeridae	1	34	Sturnidae	2
15	Picidae	1	35	Ardeidae	3
16	Ploceidae	1	36	Estrildidae	3
17	Podicipedidae	1	37	Muscicapinae	3
18	Psittacidae	1	38	Timaliidae	3
19	Pycnonotidae	1	39	Accipitridae	4
20	Rallidae	1	40	Columbidae	4
Total number of birds					63

Birds were sighted by 10x50 X Olympus binocular and identified using field guides by Kazmierczak (2000) and Grimmett *et al.* (1998, 2011).

As a result of 15 days observations during the above said period 63 bird species were recorded

(Table 1) belonging to 16 orders, 40 families and 56 genera. Passeriformes dominating the study area representing 32 bird species followed by Falconiformes and Columbiformes (4 birds each, Figure 1) indicating study area supports insectivorous and frugivorous birds. Among the families Accipitridae and Columbidae represents

Figure 1. Showing order wise number of birds recorded in Kakatiya University campus, Warangal



4 species each. Rest of the families consist 3, 2 or 1 species (Table 2). In present observation I tried to identify the subspecies of Yellow footed Green Pigeon, Lesser Goldenback, Jungle Babbler and Yellow-billed Babbler (Table 1). IUCN assessment for conservation status is not available for Southern Coucal *Centropus parroti* and Indian Golden Oriole *Oriolus kundoo*. Rest of the birds is least concerned (IUCN 2014, BirdLife International 2014). These preliminary observations indicate that, Kakatiya university campus is full of vegetation with large number of fruiting and flowering trees supporting large number of avifauna diversity. Hence, some more observations are needed to prepare a complete avifauna checklist and to know their migratory and conservation status.

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