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SHORT COMMUNICATION

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A CHECKLIST OF THE AVIAN FAUNA OF CHITTAGONG UNIVERSITY CAMPUS, BANGLADESH

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Abstract: Avian composition of the Chittagong University Campus (CUC), Chittagong, Bangladesh was studied through direct field observations between 2007 and 2014. Two-hundred-and-fifteen species belonging to 63 families were recorded during the study period, which are 33.08% of the country's total species of birds. Among the birds, 160 species were resident, 51 migratory and 4 vagrant; of which 101 species were very common, 36 common, 29 uncommon, 22 few and 27 rare. The status of these birds in CUC has also been compared with the country's status. The species richness of birds in the study area reveals that it is a potential habitat for birds, so an urgent step should be taken to conserve this unique habitat in Bangladesh.

Keywords: Bangladesh, birds, Chittagong University Campus, diversity, species richness, status.

Bangladesh sustains diverse avian composition compared to its small land area (Khan 1982; Sarker & Sarker 1988; Khan 2008; Siddiqui et al. 2008). More than 650 species of birds have so far been sighted in the country (Siddiqui et al. 2008). Chittagong University Campus (CUC) is a notable bird habitat in the country. Asmat et al. (1985) published the first list of the birds of CUC and then Ahsan & Khanom (2005). Later, Kamruzzaman et al. (2007) made an additional

list of birds of the CUC. Similarly, birds of some other institutional campuses in Bangladesh have also been reported, for instance, Rajshahi University Campus, Rajshahi (Haque 1976; Reza et al. 2012), Jahangirnagar University Campus, Savar, Dhaka (Feeroz et al. 1988; Mohsanin & Khan 2009), BARD (Bangladesh Academy for Rural Development), Comilla (Jaman et al. 2011) and Dhaka University Campus (Chowdhury et al. 2014). The last adding list of birds of the CUC (see Kamruzzaman et al. 2007) has already been passed one decade. Since the last published paper, many researchers have added new sightings to the checklist of the birds of the CUC from time to time based on regular intensive field visits. This paper provides the list of all the birds observed during the present study period in the CUC.

Study area and ecological features

The CUC is situated at Fatehpur, a village of Hathazari Upazila (sub-district) under Chittagong District of Bangladesh; about 22km north of Chittagong City and 3km southwest of Hathazari Upazila headquarter. It

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is connected with the Chittagong-Rangamati road little closer to Chittagong–Nazirhat railway branch line. The study area is situated at the close proximity of Sitakunda Hill Forest. The area lies between 22.45833333–22.48333333 N & 91.77500000–91.79583333 E (Fig. 1). The campus covers an area of 7km² (<http://180.211.172.166/ctguni/com>). The CUC is dominated by hills, valleys, creeks and streams, lakes, cropfields, and grass and fallow lands. This is the junction of hills and plains adorned with hilly streams. These features constitute a suitable habitat for avian diversity. Approximately, 72% of the total land is constituted by hillocks, which are 15–90 m high (Islam et al. 1979). The rest of the land is valley and/or plain.

The primary semi-evergreen vegetation of CUC area (Champion 1936) is heavily affected due to anthropogenic factors and consequently lost and now it is a secondary growth (Ahsan & Khanom 2005). Through plantation and natural regeneration the area has become a unique habitat for birds and other wildlife (see also Asmat et al. 2003; Ahsan & Khanom 2005; Ahsan & Chowdhury 2008; Ahsan & Rahman 2014; Ahsan et al. 2015). About 665 species of plants have so far been reported from the CUC (Alam & Pasha 1999). During observation of the study period, birds consumed either nectar, pulp, or fruit of 87 plants species of which 59 and 28 species are native and exotic respectively. Although the upper canopy is not yet prominently distinct but planted

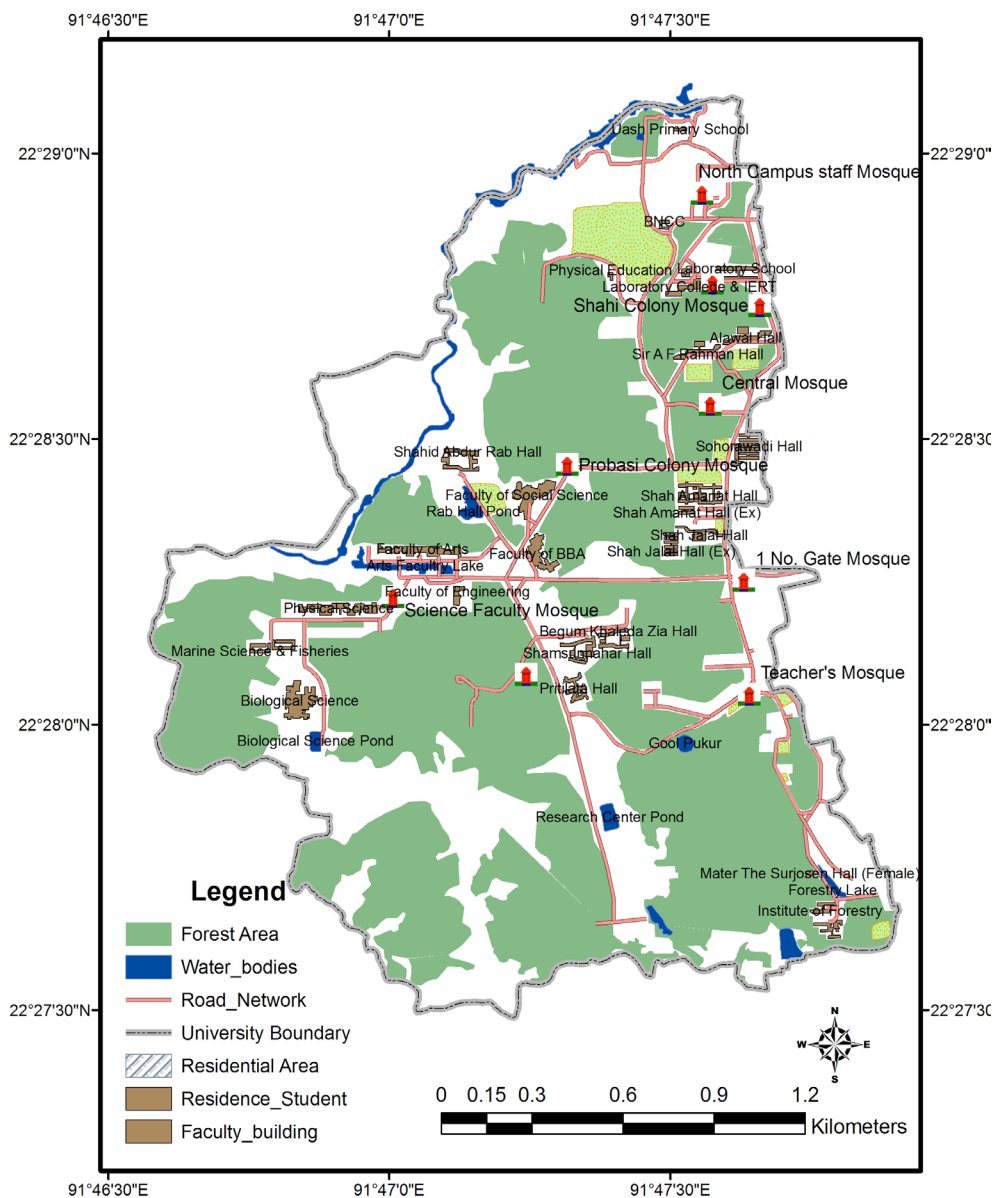


Figure 1. Map of the Chittagong University Campus.

Dipterocarpus spp. cover it. The middle canopy, lower canopy and undergrowth are the major nesting, roosting and foraging habitat of the birds. Hilly stream, lake and water bodies attract waders and other water birds. Trees, scrub forest, undergrowth and water bodies constitute unique habitats for the birds in the campus. The major habitats for the birds in the CUC are Katapahar, Botanical garden, south campus, Vice Chancellor’s Hill, and north side of the Shaheed Abdur Rab Hall (Fig. 1).

MATERIALS AND METHODS

The present checklist is a result of long time field work from 2007–2014. Field observations were conducted early morning (06:00–10:00 hr) and evening (16:00–18:00 hr) in every month from 2007–2010 and every week of every month from 2011–2014. Observations were made by walking through the existing roads, walking trails, bridle paths and streams/creeks. Birds were identified through direct sightings and calls. Opportunistic sightings have also been included in this checklist, which are sighted by the authors and/or other bird watchers. Bushnell (10x42), Opticron (8x32) and Vixen (8x32) binoculars and field guides (Ali & Ripley 1983; Grimmett et al. 2001; Siddiqui et al. 2008) were used in the field for identification of the recorded birds. Photographs and long hand notes were also taken to identify the bird species following guidebooks on birds. The relative frequency of the presence of the species has been assessed as very common (VC): seen during 80–100 % of the field visits; common (C): found during 50–79 % of the field visits; uncommon (UC): observed during 20–49% of the field visits; few (F): met less than 19% field visits and rare (R): found occasionally (Khan 1982). Scientific and common names are based on BirdLife International (2016). All species have been categorized as resident, migrants and vagrants based on Siddiqui et al. (2008).

RESULTS

Two-hundred-and-fifteen species of birds representing 63 families were observed from the CUC during 2007–2014, of which 107 (49.77%) species were non-passerine and 108 (50.23%) passerine (Table 1). Resident birds (74.42%) constituted major avifaunal composition in the campus and local migrants (0.47%) the lowest (Fig. 2). Very Common and Few constituted the highest (46.98%) and the lowest (10.23%) composition respectively (Fig. 3). Among them, Chestnut-winged Cuckoo *Clamator coromandus*, Baillon’s Crake *Zapornia pusilla*, Yellow-wattled Lapwing *Vanellus malabaricus*, Griffon Vulture *Gyps fulvus*, Blue-naped Pitta *Hydrornis*

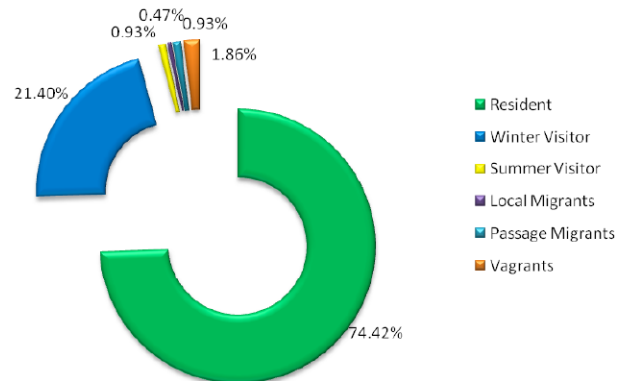


Figure 2. Country status of the birds of CUC.

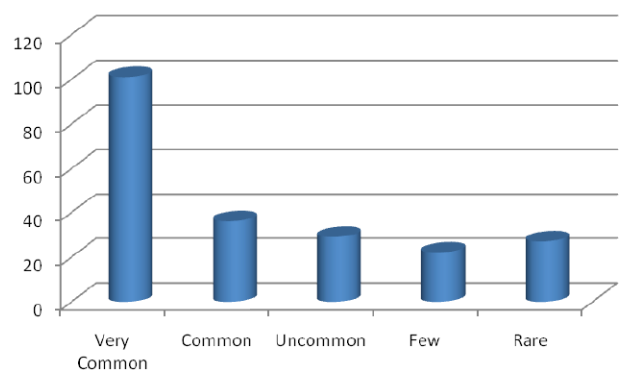


Figure 3. Relative frequency of the presence of the birds of CUC.

nipalensis, Crow-billed Drongo *Dicrurus annectens*, Black-breasted Thrush *Turdus dissimilis*, and Thick-billed Flowerpecker *Dicaeum agile* are rare resident birds at the CUC and are rare in the whole country (Siddiqui et al. 2008). The CUC is a natural breeding ground of many bird species and the Red Junglefowl *Gallus gallus* and Kalij Pheasant *Lophura leucomelanos* are the most important breeding species of the CUC. Breeding ecology and habits of these species are little known and population is also declining at an alarming rate at CUC (M. Tarik Kabir per. obs. 2014).

DISCUSSION

Though the CUC is a small area its bird life is quite rich and diverse, and it supports 33.08% of the total avian fauna of Bangladesh. Furthermore, every year new records are being added, so, the total number of bird species in the CUC is expected to increase in due course of time.

Ahsan (M. Farid Ahsan pers. comm. 15 March 2014) listed 75 species during 1983–84 and Asmat et al. (1985) reported 79 species of birds from the CUC. Ahsan &

Table 1. Observed birds species at the University of Chittagong, Chittagong, Bangladesh.

	Common name	Scientific name	CUC status	Country status
	Phasianidae			
1	Red Junglefowl	<i>Gallus gallus</i>	C	Resident
2	Kalij Pheasant	<i>Lophura leucomelanos</i>	F	Resident
	Anatidae			
3	Lesser Whistling-duck	<i>Dendrocygna javanica</i>	UC	Resident
	Picidae			
4	Eurasian Wryneck	<i>Jynx torquilla</i>	C	Winter visitor
5	Grey-capped Woodpecker	<i>Picoides canicapillus</i>	UC	Resident
6	Fulvous-breasted Woodpecker	<i>Dendrocopos macei</i>	VC	Resident
7	Rufous Woodpecker	<i>Micropternus brachyurus</i>	UC	Resident
8	Black-naped Woodpecker	<i>Picus guerini</i>	C	Resident
9	Streak-throated Woodpecker	<i>Picus xanthopygaeus</i>	VC	Resident
10	Black-rumped Flameback	<i>Dinopium benghalense</i>	VC	Resident
11	Greater Flameback	<i>Chrysocolaptes guttacrastatus</i>	F	Resident
	Megalaimidae			
12	Blue-throated Barbet	<i>Psilopogon asiaticus</i>	VC	Resident
13	Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	VC	Resident
14	Lineated Barbet	<i>Psilopogon lineatus</i>	VC	Resident
	Bucerotidae			
15	Oriental Pied Hornbill	<i>Anthracoceros albirostris</i>	R	Resident
	Upupidae			
16	Common Hoopoe	<i>Upupa epops</i>	VC	Resident
	Trogonidae			
17	Red-headed Trogon	<i>Harpactes erythrocephalus</i>	R	Resident
	Coraciidae			
18	Indian Roller	<i>Coracias benghalensis</i>	VC	Resident
	Alcedinidae			
19	Common Kingfisher	<i>Alcedo atthis</i>	VC	Resident
20	Stork-billed Kingfisher	<i>Pelargopsis capensis</i>	VC	Resident
21	Black-capped Kingfisher	<i>Halcyon pileata</i>	R	Winter visitor
22	White-breasted Kingfisher	<i>Halcyon smyrnensis</i>	VC	Resident
23	Collared Kingfisher	<i>Todiramphus chloris</i>	R	Resident
24	Pied Kingfisher	<i>Ceryle rudis</i>	VC	Resident
	Meropidae			
25	Blue-bearded Bee-eater	<i>Nyctyornis athertoni</i>	F	Resident
26	Chestnut-headed Bee-eater	<i>Merops leschenaulti</i>	VC	Resident
	Cuculidae			
27	Asian Green Bee-eater	<i>Merops orientalis</i>	VC	Resident
28	Blue-tailed Bee-eater	<i>Merops philippinus</i>	C	Local migratory
	Cuculidae			
29	Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	R	Summer visitor
30	Jacobin Cuckoo	<i>Clamator jacobinus</i>	F	Summer visitor
31	Common Hawk-cuckoo	<i>Hierococcyx varius</i>	UC	Resident
32	Indian Cuckoo	<i>Cuculus micropterus</i>	VC	Resident
33	Plaintive Cuckoo	<i>Cacomantis merulinus</i>	VC	Resident
34	Square-tailed Drongo-cuckoo	<i>Surniculus lugubris</i>	R	Resident
35	Western Koel	<i>Eudynamis scolopaceus</i>	VC	Resident
36	Green-billed Malkoha	<i>Phaenicophaeus tristis</i>	VC	Resident
37	Lesser Coucal	<i>Centropus bengalensis</i>	VC	Resident
38	Greater Coucal	<i>Centropus sinensis</i>	VC	Resident
	Psittacidae			
39	Vernal Hanging-parrot	<i>Loriculus vernalis</i>	F	Resident
40	Red-breasted Parakeet	<i>Psittacula alexandri</i>	VC	Resident
41	Rose-ringed Parakeet	<i>Psittacula krameri</i>	VC	Resident
	Apodidae			
42	Asian Palm-swift	<i>Cypsiurus balasienis</i>	C	Resident
43	House Swift	<i>Apus nipalensis</i>	C	Resident
	Tytonidae			
44	Common Barn-owl	<i>Tyto alba</i>	C	Resident
	Strigidae			
45	Collared Scops-owl	<i>Otus lettia</i>	C	Resident
46	Oriental Scops-owl	<i>Otus sunia</i>	VC	Resident
47	Brown Fish-owl	<i>Ketupa zeylonensis</i>	VC	Resident
48	Asian Barred Owlet	<i>Glaucidium cuculoides</i>	C	Resident
49	Spotted Owlet	<i>Athene brama</i>	VC	Resident
50	Brown Boobook	<i>Ninox scutulata</i>	UC	Resident
	Caprimulgidae			
51	Large-tailed Nightjar	<i>Caprimulgus macrurus</i>	VC	Resident
	Columbidae			
52	Rock Dove	<i>Columba livia</i>	VC	Resident
53	Eastern Spotted Dove	<i>Spilopelia chinensis</i>	VC	Resident
54	Eurasian Collared-dove	<i>Streptopelia decaocto</i>	C	Resident
55	Oriental Turtle-dove	<i>Streptopelia orientalis</i>	UC	Resident

	Common name	Scientific name	CUC status	Country status
56	Red Turtle-dove	<i>Streptopelia tranquebarica</i>	UC	Resident
57	Grey-capped Emerald Dove	<i>Chalcophaps indica</i>	F	Resident
58	Yellow-footed Green-pigeon	<i>Treron phoenicopterus</i>	VC	Resident
59	Ashy-headed Green-pigeon	<i>Treron phayrei</i>	F	Resident
	Rallidae			
60	Slaty-breasted Rail	<i>Lewinia striata</i>	R	Resident
61	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	VC	Resident
62	Ruddy-breasted Crake	<i>Zapornia fusca</i>	R	Resident
63	Baillon's Crake	<i>Zapornia pusilla</i>	R	Winter visitor
64	Watercock	<i>Gallicrex cinerea</i>	R	Resident
65	Common Moorhen	<i>Gallinula chloropus</i>	C	Resident
	Scolopacidae			
66	Common Snipe	<i>Gallinago gallinago</i>	VC	Winter visitor
67	Pintail Snipe	<i>Gallinago stenura</i>	C	Winter visitor
68	Wood Sandpiper	<i>Tringa glareola</i>	VC	Winter visitor
69	Common Greenshank	<i>Tringa nebularia</i>	UC	Winter visitor
70	Green Sandpiper	<i>Tringa ochropus</i>	UC	Winter visitor
71	Marsh Sandpiper	<i>Tringa stagnatilis</i>	UC	Winter visitor
72	Common Sandpiper	<i>Actitis hypoleucos</i>	VC	Winter visitor
	Rostratulidae			
73	Greater Painted-snipe	<i>Rostratula benghalensis</i>	VC	Resident
	Jacaniidae			
74	Bronze-winged Jacana	<i>Metopidius indicus</i>	VC	Resident
	Charadriidae			
75	Pacific Golden Plover	<i>Pluvialis fulva</i>	UC	Winter visitor
76	Kentish Plover	<i>Charadrius alexandrinus</i>	UC	Winter visitor
77	Little Ringed Plover	<i>Charadrius dubius</i>	UC	Resident
78	Lesser Sandplover	<i>Charadrius mongolus</i>	F	Winter visitor
79	Grey-headed Lapwing	<i>Vanellus cinereus</i>	F	Winter visitor
80	Red-wattled Lapwing	<i>Vanellus indicus</i>	VC	Resident
81	Yellow-wattled Lapwing	<i>Vanellus malabaricus</i>	R	Resident
	Accipitridae			
82	Jerdon's Baza	<i>Aviceda jerdoni</i>	UC	Resident
83	Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	F	Resident
84	Black-winged Kite	<i>Elanus caeruleus</i>	F	Resident
85	Black Kite	<i>Milvus migrans</i>	VC	Resident
86	Brahminy Kite	<i>Haliastur indus</i>	VC	Resident

	Common name	Scientific name	CUC status	Country status
87	White-bellied Sea-eagle	<i>Haliaeetus leucogaster</i>	R	Resident
88	Grey-headed Fish-eagle	<i>Ichthyophaga ichthyaetus</i>	VC	Resident
89	Griffon Vulture	<i>Gyps fulvus</i>	R	Vagrant
90	Crested Serpent-eagle	<i>Spilornis cheela</i>	VC	Resident
91	Shikra	<i>Accipiter badius</i>	VC	Resident
92	Long-legged Buzzard	<i>Buteo rufinus</i>	R	Winter Visitor
	Falconidae			
93	Amur Falcon	<i>Falco amurensis</i>	R	Passage migrant
94	Common Kestrel	<i>Falco tinnunculus</i>	F	Winter visitor
	Podicipedidae			
95	Little Grebe	<i>Tachybaptus ruficollis</i>	F	Resident
	Phalacrocoracidae			
96	Little Cormorant	<i>Microcarbo niger</i>	VC	Resident
	Ardeidae			
97	Little Egret	<i>Egretta garzetta</i>	VC	Resident
98	Intermediate Egret	<i>Ardea intermedia</i>	UC	Resident
99	Great White Egret	<i>Ardea alba</i>	UC	Resident
100	Cattle Egret	<i>Bubulcus ibis</i>	VC	Resident
101	Chinese Pond-heron	<i>Ardeola bacchus</i>	R	Vagrant
102	Indian Pond-heron	<i>Ardeola grayii</i>	VC	Resident
103	Green-backed Heron	<i>Butorides striata</i>	R	Resident
104	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	C	Resident
105	Cinnamon Bittern	<i>Ixobrychus cinnamomeus</i>	VC	Resident
106	Yellow Bittern	<i>Ixobrychus sinensis</i>	VC	Resident
	Ciconiidae			
107	Asian Openbill	<i>Anastomus oscitans</i>	UC	Resident
	Pittidae			
108	Blue-naped Pitta	<i>Hydrornis nipalensis</i>	R	Resident
	Irenidae			
109	Asian Fairy-bluebird	<i>Irena puella</i>	R	Resident
	Chloropseidae			
110	Blue-winged Leafbird	<i>Chloropsis moluccensis</i>	R	Resident
111	Golden-fronted Leafbird	<i>Chloropsis aurifrons</i>	C	Resident
	Laniidae			
112	Brown Shrike	<i>Lanius cristatus</i>	VC	Winter visitor
113	Long-tailed Shrike	<i>Lanius schach</i>	VC	Resident
114	Grey-backed Shrike	<i>Lanius tephronotus</i>	UC	Winter visitor
	Corvidae			
115	Common Green Magpie	<i>Cissa chinensis</i>	C	Resident
116	Rufous Treepie	<i>Dendrocitta vagabunda</i>	VC	Resident

	Common name	Scientific name	CUC status	Country status
117	Large-billed Crow	<i>Corvus macrorhynchos</i>	VC	Resident
118	House Crow	<i>Corvus splendens</i>	VC	Resident
	Artamidae			
119	Ashy Woodswallow	<i>Artamus fuscus</i>	VC	Resident
	Oriolidae			
120	Black-naped Oriole	<i>Oriolus chinensis</i>	UC	Winter visitor
121	Black-hooded Oriole	<i>Oriolus xanthornus</i>	VC	Resident
	Campephagidae			
122	Large Cuckoo-shrike	<i>Coracina javensis</i>	VC	Resident
123	Black-headed Cuckoo-shrike	<i>Lalage melanoptera</i>	UC	Resident
124	Black-winged Cuckoo-shrike	<i>Lalage melaschistos</i>	UC	Winter visitor
125	Swinhoe's Minivet	<i>Pericrocotus cantonensis</i>	UC	Vagrant
126	Small Minivet	<i>Pericrocotus cinnamomeus</i>	VC	Resident
127	Ashy Minivet	<i>Pericrocotus divaricatus</i>	UC	Winter visitor
128	Scarlet Minivet	<i>Pericrocotus flammeus</i>	F	Resident
129	Rosy Minivet	<i>Pericrocotus roseus</i>	F	Winter visitor
	Vangidae			
130	Large Wood-shrike	<i>Tephrodornis virgatus</i>	UC	Resident
131	Common Wood-shrike	<i>Tephrodornis pondicerianus</i>	F	Resident
	Rhipiduridae			
132	White-throated Fantail	<i>Rhipidura albicollis</i>	VC	Resident
	Dicruridae			
133	Bronzed Drongo	<i>Dicrurus aeneus</i>	VC	Resident
134	Crow-billed Drongo	<i>Dicrurus annectens</i>	R	Vagrant
135	Hair-crested Drongo	<i>Dicrurus hottentottus</i>	C	Resident
136	Ashy Drongo	<i>Dicrurus leucophaeus</i>	C	Winter visitor
137	Black Drongo	<i>Dicrurus macrocercus</i>	VC	Resident
138	Lesser Racquet-tailed Drongo	<i>Dicrurus remifer</i>	F	Winter visitor
	Monarchidae			
139	Black-naped Monarch	<i>Hypothymis azurea</i>	VC	Resident
140	Indian Paradise-flycatcher	<i>Terpsiphone paradisi</i>	R	Resident
	Aegithinidae			
141	Common Iora	<i>Aegithina tiphia</i>	VC	Resident
	Muscicapidae			
142	Blue Rock-thrush	<i>Monticola solitarius</i>	C	Winter visitor
143	Red-throated Flycatcher	<i>Ficedula albicilla</i>	VC	Winter visitor
144	Little Pied Flycatcher	<i>Ficedula westermanni</i>	F	Winter visitor

	Common name	Scientific name	CUC status	Country status
145	Verditer Flycatcher	<i>Eumyias thalassinus</i>	UC	Winter visitor
146	Pale-chinned Flycatcher	<i>Cyornis poliogenys</i>	F	Resident
147	Blue-throated Blue-flycatcher	<i>Cyornis rubeculoides</i>	F	Winter visitor
148	Siberian Rubythroat	<i>Calliope calliope</i>	UC	Winter visitor
149	White-rumped Shama	<i>Kittacincla malabarica</i>	UC	Resident
150	Oriental Magpie-robin	<i>Copsychus saularis</i>	VC	Resident
151	Black-backed Forktail	<i>Enicurus immaculatus</i>	VC	Resident
152	Common Stonechat	<i>Saxicola torquatus</i>	VC	Winter visitor
153	Blue Whistling-thrush	<i>Myophonus caeruleus</i>	C	Winter visitor
	Stenostiridae			
154	Grey-headed Canary-flycatcher	<i>Culicicapa ceylonensis</i>	C	Winter visitor
	Turdidae			
155	Orange-headed Thrush	<i>Geokichla citrina</i>	VC	Resident
156	Black-breasted Thrush	<i>Turdus dissimilis</i>	R	Winter visitor
	Sturnidae			
157	Asian Pied Starling	<i>Gracupica contra</i>	VC	Resident
158	Chestnut-tailed Starling	<i>Sturnia malabarica</i>	VC	Resident
159	Jungle Myna	<i>Acridotheres fuscus</i>	VC	Resident
160	Common Myna	<i>Acridotheres tristis</i>	VC	Resident
161	Common Hill Myna	<i>Gracula religiosa</i>	R	Resident
	Paridae			
162	Great Tit	<i>Parus major</i>	VC	Resident
	Hirundinidae			
163	Collared Sand Martin	<i>Riparia riparia</i>	C	Winter visitor
164	Red-rumped Swallow	<i>Cecropis daurica</i>	C	Winter visitor
165	Barn Swallow	<i>Hirundo rustica</i>	VC	Resident
	Pycnonotidae			
166	Red-vented Bulbul	<i>Pycnonotus cafer</i>	VC	Resident
167	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	VC	Resident
168	Black-crested Bulbul	<i>Pycnonotus flaviventris</i>	C	Resident
169	White-throated Bulbul	<i>Alophoixus flaveolus</i>	C	Resident
	Cisticolidae			
170	Zitting Cisticola	<i>Cisticola juncidis</i>	C	Resident
171	Grey-breasted Prinia	<i>Prinia hodgsonii</i>	UC	Resident
172	Plain Prinia	<i>Prinia inornata</i>	VC	Resident
173	Rufescent Prinia	<i>Prinia rufescens</i>	F	Resident
174	Dark-necked Tailorbird	<i>Orthotomus atrogularis</i>	F	Resident
175	Common Tailorbird	<i>Orthotomus sutorius</i>	VC	Resident

	Common name	Scientific name	CUC status	Country status
	Zosteropidae			
176	Oriental White-eye	<i>Zosterops palpebrosus</i>	VC	Resident
	Acrocephalidae			
177	Blyth's Reed-warbler	<i>Acrocephalus dumetorum</i>	C	Winter visitor
178	Clamorous Reed-warbler	<i>Acrocephalus stentoreus</i>	C	Winter visitor
	Phylloscopidae			
179	Dusky Warbler	<i>Phylloscopus fuscatus</i>	VC	Winter visitor
180	Greenish Warbler	<i>Phylloscopus trochiloides</i>	VC	Winter visitor
	Locustellidae			
181	Striated Grassbird	<i>Megalurus palustris</i>	VC	Resident
	Leiotrichidae			
182	Greater Necklaced Laughingthrush	<i>Garrulax pectoralis</i>	VC	Resident
183	Rufous-necked Laughingthrush	<i>Garrulax ruficollis</i>	VC	Resident
184	Striated Babbler	<i>Argya earlei</i>	VC	Resident
	Timaliidae			
185	Pin-striped Tit-babbler	<i>Mixornis gularis</i>	VC	Resident
186	Chestnut-capped Babbler	<i>Timalia pileata</i>	C	Resident
187	Grey-throated Babbler	<i>Stachyris nigriceps</i>	R	Resident
	Pellorneidae			
188	Puff-throated Babbler	<i>Pellorneum ruficeps</i>	VC	Resident
189	Abbott's Babbler	<i>Malacocincla abbotti</i>	VC	Resident
	Alaudidae			
190	Bengal Bushlark	<i>Mirafra assamica</i>	VC	Resident
191	Oriental Skylark	<i>Alauda gulgula</i>	UC	Resident
	Dicaeidae			
192	Thick-billed Flowerpecker	<i>Dicaeum agile</i>	R	Resident
193	Scarlet-backed Flowerpecker	<i>Dicaeum cruentatum</i>	VC	Resident
194	Pale-billed Flowerpecker	<i>Dicaeum erythrorhynchos</i>	C	Resident

	Common name	Scientific name	CUC status	Country status
	Nectariniidae			
195	Ruby-cheeked Sunbird	<i>Chalcoparia singalensis</i>	C	Resident
196	Maroon-bellied Sunbird	<i>Leptocoma brasiliana</i>	C	Resident
197	Purple-rumped Sunbird	<i>Leptocoma zeylonica</i>	VC	Resident
198	Purple Sunbird	<i>Cinnyris asiaticus</i>	VC	Resident
199	Crimson Sunbird	<i>Aethopyga siparaja</i>	C	Resident
200	Little Spiderhunter	<i>Arachnothera longirostra</i>	VC	Resident
201	Streaked Spiderhunter	<i>Arachnothera magna</i>	R	Resident
	Passeridae			
202	House Sparrow	<i>Passer domesticus</i>	VC	Resident
	Motacillidae			
203	Forest Wagtail	<i>Dendronanthus indicus</i>	C	Passage migrant
204	White Wagtail	<i>Motacilla alba</i>	VC	Winter visitor
205	Grey Wagtail	<i>Motacilla cinerea</i>	VC	Winter visitor
206	Citrine Wagtail	<i>Motacilla citreola</i>	VC	Winter visitor
207	Western Yellow Wagtail	<i>Motacilla flava</i>	VC	Winter visitor
208	Olive-backed Pipit	<i>Anthus hodgsoni</i>	VC	Winter visitor
209	Richard's Pipit	<i>Anthus richardi</i>	C	Winter visitor
210	Paddyfield Pipit	<i>Anthus rufulus</i>	VC	Resident
	Ploceidae			
211	Baya Weaver	<i>Ploceus philippinus</i>	VC	Resident
	Estrildidae			
212	Indian Silverbill	<i>Euodice malabarica</i>	C	Resident
213	Tricoloured Munia	<i>Lonchura malacca</i>	VC	Resident
214	Scaly-breasted Munia	<i>Lonchura punctulata</i>	VC	Resident
215	White-rumped Munia	<i>Lonchura striata</i>	C	Resident

C - common; VC - very common; UC - uncommon; R - rare; F - few

Khanom (2005) accounted for the occurrence of 92 species at the campus. Later, Kamruzzaman et al. (2007) added 34 species to the list of Asmat et al. (1985), which made a total of 113 species for the CUC. Kamruzzaman et al. (2007) also listed three species: Brown-headed Barbet *Ptilinopus zeylanicus*, White-cheeked Barbet *Ptilinopus viridis* and White-naped Tit *Machlolophus nuchalis*, which are, in fact, new records for the country, although they did not mention it, but assessed their status as 'very common' (Brown-headed Barbet) and fairly common (White-cheeked Barbet and White-naped

Tit). Obviously, they (Kamruzzaman et al. 2007) made a mistake in identifying these three birds because of the occurrence of these birds in Bangladesh has not yet been confirmed by any other researcher. It should be mentioned here that 39 species of birds were reported from the CUC by other researchers (Table 2) but these were not seen during this study period (2007–2014), and hence these species have not been included in the present list. This list further provides reconfirmation of the continual occurrence of the bird species recorded previously by other researchers.

Table 2. Bird species of earlier checklists which are not included in the present list.

	Family	Scientific name	Common Name	Source	Remarks
1	Picidae	<i>Dendrocopos atratus</i>	Stripe-breasted Woodpecker	Ahsan & Khanom 2005	Possibly misidentification with fulvous breasted woodpecker
2	Picidae	<i>Lepiopicus mahrattensis</i>	Yellow-crowned Woodpecker	Ahsan & Khanom 2005; Asmat et al. 1985	Not observed during the study period
3	Picidae	<i>Dinopium javanense</i>	Common Flameback	Ahsan & Khanom 2005	Not observed during the study period
4	Picidae	<i>Dendrocopos hyperythrus</i>	Rufous-bellied Woodpecker	Kamruzzaman et al. 2007	No record in Bangladesh
5	Megalaimidae	<i>Psilopogon zeylanicus</i>	Brown-headed Barbet	Kamruzzaman et al. 2007	New record; Probably misidentification with lined barbet
6	Megalaimidae	<i>Psilopogon viridis</i>	White-cheeked Barbet	Kamruzzaman et al. 2007	No record; Probably misidentification with lined barbet
7	Alcedinidae	<i>Alcedo meninting</i>	Blue-eared Kingfisher	Kamruzzaman et al. 2007	Probably Misidentification with the common kingfisher but there is a chance to be present here
8	Cuculidae	<i>Cuculus canorus</i>	Common Cuckoo	Ahsan & Khanom 2005	Not observed during present study
9	Strigidae	<i>Otus spilocephalus</i>	Mountain Scops-owl	Kamruzzaman et al. 2007	Not observed during the study period
10	Strigidae	<i>Bubo bubo</i>	Eurasian Eagle-owl	Kamruzzaman et al. 2007	No record in Bangladesh
11	Scolopacidae	<i>Calidris ferruginea</i>	Curlew Sandpiper	Kamruzzaman et al. 2007	Possibly present in the study area
12	Accipitridae	<i>Buteo rufinus</i>	Long-legged Buzzard	Kamruzzaman et al. 2007	Not observed during study period
13	Phalacrocoracidae	<i>Phalacrocorax fuscicollis</i>	Indian Cormorant	Kamruzzaman et al. 2007	Not observed during the study period
14	Threskiornithidae	<i>Pseudibis papillosa</i>	Red-naped Ibis	Ahsan & Khanom 2005	Extirpated. Last record from Dhaka by Godwin Austen, 1870.
15	Oriolidae	<i>Oriolus traillii</i>	Maroon Oriole	Kamruzzaman et al. 2007	Not observed during the study period
16	Rhipiduridae	<i>Rhipidura aureola</i>	White-browed Fantail	Kamruzzaman et al. 2007	No record in Bangladesh. Possibly misidentification with white-throated fantail
17	Dicruridae	<i>Dicrurus paradiseus</i>	Greater Racquet-tailed Drongo	Kamruzzaman et al. 2007	Not observed during the study period
18	Muscicapidae	<i>Saxicola caprata</i>	Pied Bushchat	Asmat et al. 1985	Not observed during the study period
19	Muscicapidae	<i>Saxicola leucurus</i>	White-tailed Stonechat	Kamruzzaman et al. 2007	Probably misidentification with common stonechat
20	Sturnidae	<i>Aplonis panayensis</i>	Asian Glossy Starling	Ahsan & Khanom 2005	Not observed during the study period
21	Sturnidae	<i>Acridotheres cinereus</i>	Pale-bellied Myna	Ahsan & Khanom 2005	Not observed during the study period
22	Paridae	<i>Macholophus nuchalis</i>	White-naped Tit	Kamruzzaman et al. 2007	No record in Bangladesh. Possibly misidentification with great tit
23	Hirundinidae	<i>Riparia paludicola</i>	African Plain Martin	Kamruzzaman et al. 2007	No observation during study period
24	Cisticolidae	<i>Prinia socialis</i>	Ashy Prinia	Ahsan & Khanom 2005	Not observed during the study period
25	Cisticolidae	<i>Prinia subflava</i>	Tawny-flanked Prinia	Asmat et al. 1985	No record in Bangladesh
26	Locustellidae	<i>Locustella naevia</i>	Common Grasshopper-warbler	Ahsan & Khanom 2005	No record for Chittagong. Not observed during the study period
27	Phylloscopidae	<i>Phylloscopus affinis</i>	Tickell's Leaf-warbler	Ahsan & Khanom 2005; Asmat et al. 1985	Not observed during the study period
28	Leiotrichidae	<i>Garrulax delesserti</i>	Wynaad Laughingthrush	Kamruzzaman et al. 2007	No record in Bangladesh
29	Leiotrichidae	<i>Argya caudata</i>	Common Babbler	Asmat et al. 1985	Not observed during the study period
30	Leiotrichidae	<i>Turdoides striata</i>	Jungle Babbler	Asmat et al. 1985	Probably misidentification with striated babbler
31	Timaliidae	<i>Dumetia hyperythra</i>	Tawny-bellied Babbler	Kamruzzaman et al. 2007	No record in Bangladesh
32	Alaudidae	<i>Mirafra javanica</i>	Horsfield's Bushlark	Kamruzzaman et al. 2007	No record in Bangladesh
33	Alaudidae	<i>Eremopterix griseus</i>	Ashy-crowned Sparrow-lark	Asmat et al. 1985	Not observed during the study period
34	Dicaeidae	<i>Dicaeum chrysorrheum</i>	Yellow-vented Flowerpecker	Kamruzzaman et al. 2007	Not observed during the study period
35	Dicaeidae	<i>Dicaeum concolor</i>	Nilgiri Flowerpecker	Ahsan & Khanom 2005	Not observed during the study period
36	Neectariniidae	<i>Aethopyga gouldiae</i>	Gould's Sunbird	Asmat et al. 1985	Not observed during the study period
37	Ploceidae	<i>Ploceus manyar</i>	Streaked Weaver	Ahsan & Khanom 2005	Not observed during the study period
38	Fringillidae	<i>Carpodacus erythrinus</i>	Common Rosefinch	Asmat et al. 1985	Not observed during the study period
39	Estrildidae	<i>Amandava amandava</i>	Red Avadavat	Asmat et al. 1985	Possibly present in the study area

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