

ANNEXURE

Birds associated with aquatic habitats of coastal Karnataka

The aquatic elements form some of the most important habitats for the birds of the districts of coastal Karnataka (Uttara Kannada, Udupi and Dakshina Kannada districts). The birds listed here are dependent on aquatic habitats to varied degrees. These aquatic habitats are:

1. The sea coast (beach, inter-tidal and part of the marine area)
2. Estuary (including mangroves)
3. Fresh water and brackish water marshes
4. Rice fields and other wet agricultural fields
5. Ponds and lakes
6. Rivers

Of course most birds here are not purely aquatic birds. They use more than one landscape elements for their life. A generalist bird like the Lesser serpent eagle, for example, uses number of landscape such as all kinds of forests of the region, betlenut gardens, teak and eucalyptus plantations, cultivation and fresh water marshes. On the other hand the Indian moorhen is a more specialist bird associated only with fresh water marshes. Yet another specialist bird is the Indian whiskered tern found mainly in the estuaries. The birds of generalist nature use wetlands or aquatic bodies as one of the habitats. They do not face so much of threat unlike their counterparts exclusively associated with wetlands. The birds associated with water bodies of coastal Karnataka are listed here:

Ref: Daniels, Hussein and Hussain et al.,

Annexure 1: Birds of Coastal Karnataka

Sl. No.	Common name	Scientific name	Presence (P)		Ref
			UK	DK-Udupi	
1	Indian shikra	<i>Accipitor badius</i>	P	P	1,3
2	Jungle myna	<i>Acridotheres fuscus</i>	P		1
3	Indian myna	<i>Acridotheres tristis</i>	P	P	1,3
4	Blyth's reed warbler	<i>Acrocephalus dumetorum</i>	P	P	1,3
5	Peninisular Indian Iora	<i>Aegithena tiphia</i>	P	P	1,3
6	Indian small skylark	<i>Alauda gulgula</i>	P	P	1,3
7	Small blue kingfisher	<i>Alcedo atthis</i>	P	P	1,3
8	Blue-eared kingfisher	<i>Alcedo meninting</i>		P	1,3
9	Whitebreasted waterhen	<i>Amaurornis phoenicurus</i>	P	P	1,3
10	Pintail	<i>Anas acuta</i>	P		1
11	Common teal	<i>Anas crecca</i>	P	P	1,3
12	Spotbill duck	<i>Anas poecilorhyncha</i>	P		1
13	Bluewinged teal	<i>Anas querquedula</i>	P		1
14	Openbill stork	<i>Anastomus oscitans</i>	P		1
15	Darter	<i>Anhinga rufa</i>	P	P	3
16	Indian paddyfield pippit	<i>Anhus noveaseelandiae</i>	P	P	1,3
17	Noddy tern	<i>Anous stolidus</i>		P	3
18	Tawny pippit	<i>Anthus campestris</i>	P		1

19	Indian paddyfield pippit	<i>Anthus novaeseelandiae rufulus</i>	P		1
20	Indian house swift	<i>Apus affinis</i>	P		1
21	Greater spotted eagle	<i>Aquila cranga</i>	P		1
22	Tawny eagle	<i>Aquila rapax</i>	P		1
23	Little spiderhunter	<i>Arachnothera longirostris</i>	P		1
24	Little egret	<i>Ardea alba</i>	P		1,3
25	Grey heron	<i>Ardea cinerea</i>	P	P	1,3
26	Purple heron	<i>Ardea purpurea</i>	P	P	1,3
27	Pond heron	<i>Ardeola grayii</i>	P		1,3
28	Little green heron	<i>Ardeola striatus</i>		P	3
29	Turnstone	<i>Arenaria interpres</i>	P	P	1,3
30	Indian great reed warbler	<i>Arocephalus stentorius</i>	P		1
31	Ashy swallowshrike	<i>Artamus fuscus</i>	P	P	1,3
32	Spotted owlet	<i>Athene brama</i>	P	P	1,3
33	Brown fish owl	<i>Bubo zeylonensis</i>		P	3
34	Cattle egret	<i>Bulbulcus ibis</i>	P		1,3
35	Longlegged buzzard	<i>Buteo rufinus</i>	P		1
36	Little green heron	<i>Butorides striatus</i>	P		1
37	Indian babybanded cuckoo	<i>Cacomantis sonneratii</i>	P		1
38	Little stint	<i>Calidris minuta</i>	P	P	1,3
39	Curlew sandpiper	<i>Calidris testacea</i>	P	P	1,3
40	Crow pheasant	<i>Centropus sinensis</i>	P		1
41	Indian pied kingfisher	<i>Ceryle rudis</i>	P	P	1,3
42	White rumped spine-tailed swift	<i>Chaetura sylvatica</i>	P		1
43	Kentish plover	<i>Charadrius alexandrianus</i>	P	P	1,3
44	Large sandplover	<i>Charadrius leschenaultii</i>	P	P	1,3
45	Pamir's lesser sand plover	<i>Charadrius mongolus</i>	P	P	1,3
46	European little ringed plover	<i>Charidarius dubius</i>	P	P	1,3
47	Indian whiskered tern	<i>Chlidonias hybrida</i>	P	P	1,3
48	Goldenfronted chloropsis	<i>Chloropsis aurifrons</i>	P	P	1,3
49	Larger goldenbacked w.p	<i>Chrysocolaptus lucidus</i>	P	P	1,3
50	Whitenecked stork	<i>Ciconia episcopus</i>	P	P	1,3
51	Shoe-toed eagle	<i>Circaetus gallicus</i>	P		1
52	Marsh harrier	<i>Circus aeruginosus</i>	P	P	1,3
53	Fantail warbler	<i>Cisticola exilis</i>		P	3
54	Streaked fantailed warbler	<i>Cisticola juncidis</i>	P	P	1,3
55	Blue rock pigeon	<i>Columba livia</i>	P	P	1,3
56	Indian magpie robin	<i>Copsychus saularis</i>	P	P	1,3
57	Blackheaded cuckoo shrike	<i>Coracina melanoptera</i>	P	P	1,3
58	Indian large cuckoo shrike	<i>Coracina novaehollandiae</i>	P	P	1,3
59	Indian jungle crow	<i>Corvus macrorhynchos</i>	P	P	1,3
60	Indian house crow	<i>Corvus splendens</i>	P	P	1,3
61	Common hawk cuckoo	<i>Cuculus varius</i>	P		1
62	Indian palm swift	<i>Cypsiurus parvus</i>	P		1
63	Hill myna	<i>Dendrocitta vagabunda</i>	P		1
64	Lesser whistling teal	<i>Dendrocygna javanica</i>	P	P	1,3
65	Thickbilled flowerpecker	<i>Dicaeum agile</i>	P	P	1,3

66	Nilgiri flowerpecker	<i>Dicaeum concolor</i>	P		1
67	Tickell's flowerpecker	<i>Dicaeum erythrorhynchos</i>	P	P	1,3
68	Southern black drongo	<i>Dicrurus adsimilis</i>	P	P	1,3
69	Haircrested drongo	<i>Dicrurus hottentottus</i>	P	P	1,3
70	Indian grey drongo	<i>Dicrurus leucophaeus</i>	P	P	1,3
71	Racket tailed drongo	<i>Dicrurus paradisius</i>	P	P	1,3
72	Malabar goldenbacked w p	<i>Dinopium bengalense</i>	P	P	1,3
73	Little egret	<i>Egreta garzetta</i>	P		1,3
74	Indian reef heron	<i>Egreta gularis</i>	P		1,3
75	Small egret	<i>Egreta intermedia</i>	P	P	1,3
76	Blackwinged kite	<i>Elanus caeruleus</i>	P		1
77	Ashycrowned pinchlark	<i>Erimopterix grisea</i>	P		1
78	Indian koel	<i>Eudymamys scolopacea</i>	P		1
79	Peregrine falcon	<i>Falco peregrinus</i>	P		1
80	European kestrel	<i>Falcon tinnunculus</i>	P	P	1,3
81	Indian grey partridge	<i>Francolinus pondicerianus</i>	P		1
82	Least frigate bird	<i>Fregata ariel</i>		P	2
83	Coot	<i>Fulica atra</i>	P	P	1,3
84	Malabar crested lark	<i>Galerida malabarica</i>	P	P	1,3
85	Common snipe	<i>Gallinago gallinago</i>	P	P	1,3
86	Pintail snipe	<i>Gallinago stenura</i>	P		1
87	Indian moorhen	<i>Gallinula chloropus</i>	P	P	1,3
88	Red spurfowl	<i>Galloperdix spadicea</i>	P		1
89	Grey junglefowl	<i>Gallus sonneratii</i>	P	P	1,3
90		<i>Gelochelidon nilotica</i>		P	3
91	Small Indian pratincole	<i>Glaroeola lactea</i>	P	P	1,3
92	Whitebacked vulture	<i>Gyps bengalensis</i>	P		1
93	Black-capped kingfisher	<i>Halcyon pileata</i>	P	P	1,3
94	Whitebreasted kingfisher	<i>Halcyon smyrnensis</i>	P	P	1,3
95	White bellied sea eagle	<i>Haliaeetus leucogaster</i>	P	P	1,3
96	Brahmini kite	<i>Haliaster Indus</i>	P	P	1,3
97	Crested tree swift	<i>Hemiprocne longipennis</i>	P		1
98	Slender black eagle	<i>Hieraetus fasciatus</i>	P		1
99	Indian blackwinged stilt	<i>Himantopus himantopus</i>	P	P	1,3
101	Himalayan striated swallow	<i>Hirundo daurica</i>	P		1
102	Indian redrumped swallow	<i>Hirundo daurica erythrogygia</i>	P		1
103	Indian cliffswallow	<i>Hirundo fluvicola</i>	P		1
104	Eastern swallow	<i>Hirundo rustica</i>	P	P	1,3
105	Indian wiretailed swallow	<i>Hirundo smithii</i>	P		1
106	Caspian tern	<i>Hydroprogne caspia</i>		P	3
107	Pheasant-tailed jacana	<i>Hydrophasianus chirurgus</i>	P	P	1,3
108	Indian roller	<i>Koracis benghalensis</i>	P		1
109	Brown shrike	<i>Lanius cristatus</i>	P	P	1,3
110	Rufousbacked shrike	<i>Lanius schach</i>	P	P	1,3
111	Indian greybacked shrike	<i>Lanius schach caniseps</i>	P		1
112		<i>Lanius schach erythronotus</i>	P		1
113	Herring gull	<i>Larus argenteus</i>		P	3

114	Brownheaded gull	<i>Larus brunnicephalus</i>	P		1
115	Lesser blackbacked gull	<i>Laurus fuscus</i>		P	3
116	Great blackheaded gull	<i>Larus icthyaetus</i>	P		1
117	Blackheaded gull	<i>Larus ridibundus</i>	P	P	1,3
118	Blackheaded muniya	<i>Lonchura Malacca</i>	P	P	3,11
119	Whitethroated muniya	<i>Lonchura malabarica</i>		P	3
120	Indian spotted muniya	<i>Lonchura punctulata</i>	P	P	3,11
121	Whitebacked muniya	<i>Lonchura striata</i>	P	P	1,3
122	Indian loriquet	<i>Loriculus vernalis</i>	P		1
123	Crimsonthroated barbet	<i>Megalaema rubricapilla</i>	P	P	1,3
124	Small green barbet	<i>Megalaema viridis</i>	P	P	1,3
125	Chestnut headed bee-eater	<i>Merops leschenaulti</i>	P	P	1,3
126	Small green bee-eater	<i>Merops orientalis</i>	P	P	1,3
127	Small green bee eater	<i>Merops philippnus</i>	P	P	1,3
128	Bronzewinged jacana	<i>Metopedius indicus</i>	P	P	1,3
129	Pariah kite	<i>Milvus migrans</i>	P	P	1,3
130	Redwinged bushlark	<i>Mirafra erythroptera</i>	P		1
131	Indian white wagtail	<i>Motacilla alba</i>	P		1
132	Grey wagtail	<i>Motacilla cinerea</i>	P	P	1,3
133	Yellowheaded wagtail	<i>Motacilla citreola</i>	P		1
134	Large pied wagtail	<i>Motacilla maderaspatensis</i>	P	P	1,3
135	Western redbreasted flycatcher	<i>Muscicapa parva</i>	P	P	1,3
136	Indian purple sunbird	<i>Nectarinia asiatica</i>	P	P	1,3
137	Purplerumped sunbird	<i>Nectarinia zeylanica</i>	P	P	1,3
138	White scavenger vulture	<i>Neophron percnopterus</i>	P		1
139	Common teal	<i>Nettapus coromandelianus</i>	P	P	1,3
140	Eastern curlew	<i>Numenius arquata</i>	P	P	1,3
141	Whimbrel	<i>Numenius phaeopus</i>	P	P	1,3
142	Night heron	<i>Nycticorax nycticorax</i>	P	P	1,3
143	Wilson's storm petrel	<i>Oceanites oceanicus</i>		P	2
144	Indian golden oriole	<i>Oriolus oriolus</i>	P	P	1,3
145	Indian blackheaded oriole	<i>Oriolus xanthornus</i>	P	P	1,3
146	Indian tailor bird	<i>Orthotomus sutorius</i>	P	P	1,3
147	Indian peafowl	<i>Pavo cristatus</i>	P	P	1,3
148	Brownheaded storkbilled k.f	<i>Pelargopsis capensis</i>	P	P	1,3
149	Peninsular spotted babbler	<i>Pellornium ruficeps</i>	P	P	1,3
150	Malabarsmall minivet	<i>Pericrocotus cinnamomeus</i>	P	P	1,3
151	Crested honey buzzard	<i>Pernis ptilorhynchus</i>	P		1
152	Yellowthroated sparrow	<i>Petronia xanthocollis</i>	P	P	1,3
153	Indian shag	<i>Phalacrocorax fuscicollis</i>	P	P	3
154	Little cormorant	<i>Phalacrocorax niger</i>	P	P	3
155	Redbilled tropic bird	<i>Pheaton aethereus</i>		P	2
156	Redbilled tropic bird	<i>Pheaton lepturus</i>		P	2
157	Ruff & Reeve	<i>Philomachus pugnax</i>		P	3
158	Black redstart	<i>Phoenicurus ochruros</i>	P		1
159	Olivaceous leaf warbler	<i>Phylloscopus griseolus</i>	P		1
160	Largecrowned leaf warbler	<i>Phylloscopus occipitalis</i>	P		1
161	Greenish leaf warbler	<i>Phylloscopus trochiloides</i>	P	P	1,3

162	Spoonbill	<i>Platalea leucoria</i>	P		1
163	Indian baya	<i>Ploceus philippinus</i>	P	P	1,3
164	Golden plover	<i>Pluvialis dominica</i>	P	P	1,3
165	Grey plover	<i>Pluvialis squatarola</i>	P	P	1,3
166	Little grebe	<i>Podiceps ruficollis</i>	P		1
167	Purple moorhen	<i>Porphyrio porphyrio</i>	P	P	1,3
167	Franklin's ashy grey wren warbler	<i>Prinia hodgsonii</i>	P	P	1,3
168	Ashy wren warbler	<i>Prinia socialis</i>	P	P	1,3
169	Indian plain wren warbler	<i>Prinia subflava</i>	P	P	1,3
170	Wedgetailed shearwater	<i>Procellaria pacifica</i>		P	2
171	Abdubon's shearwater	<i>Procellaria persica</i>		P	2
172	Blossomheaded parakeet	<i>Psittacula cyanocephala</i>	P		1
173	Roseringed parakeet	<i>Psittacula kramerii</i>	P		1
174	Redvented bulbul	<i>Pycnonotus cafer</i>	P	P	1,3
175	Redwhiskered bulbul	<i>Pycnonotus jocosus</i>	P	P	1,3
176	Whitebrowed bulbul	<i>Pycnonotus luteolus</i>	P	P	1,3
177	Avocet	<i>Recurvirostra avosetta</i>	P		1
178	Whitespotted fantail flycatcher	<i>Rhipidura albicollis</i>	P	P	1,3
179	Southern whitebrowed flycatcher	<i>Rhipidura aureola</i>	P		1
180	Painted snipe	<i>Rosratula benghalensis</i>		P	3
181	Comb duck	<i>Sarkidiornis melanotos</i>	P		1
182	Pied bushchat	<i>Saxicola caprata</i>	P	P	1,3
183	Indian collared bushchat	<i>Saxicola torquata</i>	P		1
184	Blackheaded Indian robin	<i>Saxicoloides fulvicata</i>	P	P	1,3
185	Lesser serpent eagle	<i>Spilornis cheela</i>	P	P	1,3
186	Little tern	<i>Sterna albifrons</i>			1
187	River tern	<i>Sterna aurantia</i>	P		1
189	Indian lesser crested tern	<i>Sterna bengalensis</i>	P	P	1,3
190	Common tern	<i>Sterna hirundo</i>		P	3
191	Sandwich tern	<i>Sterna sandvicensis</i>	P		1
192	Indian spotted dove	<i>Streptopelia chinensis</i>	P		1
193	Turtle dove	<i>Streptopelia orientalis</i>	P		1
194	Indian red turtle dove	<i>Streptopelia tranquebarica</i>	P		1
195	Greyheaded myna	<i>Sturnus malabaricus</i>	P	P	1,3
196	Blackheaded myna	<i>Sturnus pagodarum</i>	P	P	1,3
197	Rosy pastor	<i>Sturnus roseus</i>	P		1
198	Masked booby	<i>Sula dactylatra</i>		P	2
199	Brown booby	<i>Sula leucogaster</i>		P	2
200	Indian drongo cuckoo	<i>Surniculus lugubris</i>	P		1
201	Brahminy duck	<i>Tadorna ferruginea</i>	P		1
202	Indian wood shrike	<i>Tephrodornis pondicerianus</i>	P	P	1,3
203	Himalayan paradise flycatcher	<i>Terpsiphone paradise</i>	P	P	1,3
204	Ibis	<i>Threskiornis aethiopica</i>	P	P	1,3
205	Grey fronted green pigeon	<i>Treron pompadora</i>	P		1

206	Spotted sandpiper	<i>Tringa glareorla</i>	P	P	1,3
207	Common sandpiper	<i>Tringa hypoleucos</i>	P	P	1,3
208	Green shank	<i>Tringa nebularia</i>	P	P	1,3
209	Green sandpiper	<i>Tringa ochropus</i>	P		1
210	Marsh sandpiper	<i>Tringa stagnatilis</i>	P	P	1,3
211	Eastern redshank	<i>Tringa totanus</i>	P	P	1,3
212	Whiteheaded babbler	<i>Turdoides affinis</i>	P	P	1,3
213	Bombay jungle babbler	<i>Turdoides striatus</i>	P	P	1,3
214	Rufous babbler	<i>Turdoides subrufus</i>	P	P	1,3
215	Blackcapped blackbird	<i>Turdus merula</i>	P	P	1,3
216	Tibetan hoopoe	<i>Upupa epops</i>	P	P	1,3
217	Greyheaded lapwing	<i>Vanellus cinereus</i>	P		1
218	Redwattled lapwing	<i>Vanellus indicus</i>	P	P	1,3
219	Yellow-wattled lapwing	<i>Vanellus malabaricus</i>		P	3
220	Indian white eye	<i>Zostrirops palpebrosa</i>	P	P	1,3

Reference

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