



TAMIL NADU
SYNCHRONISED BIRD ESTIMATE 2025

WETLAND BIRDS

BRIEF REPORT



Tamil Nadu Forest Department



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Prepared by

Office of the Principal Chief Conservator of Forests (Head of Forest Force)

Tamil Nadu Forest Department, Government of Tamil Nadu

This report is confidential and the circulation of the same will be decided by office of the Principal Chief Conservator of Forests (HoFF), Tamil Nadu Forest Department

This brief report is prepared based on data generated and provided by Tamil Nadu forest divisions from the estimate held during 15th and 16th March 2025 across the wetlands of the state of Tamil Nadu.

The estimate was planned, designed and executed under the guidance of

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Report Preparation and Design, on behalf of TNFD: Prof. A Pavendhan

Pictures Credit: Cover Page-KMTR Kalakad (Manimutharu dam). Page 6– Moyar River (MTR Udhagai Division.). Birds: Balaji PB, A Pavendhan, , Raveendran Natarajan, Badri Narayanan T, Vinod Sadasivan. Other Pictures -Respective Divisions & participants. Bird & other icons, and maps– Internet free downloads. Copy right is owned by Photographers and creators.



Synchronised Bird Estimate 2025

Phase 1: Wetland Birds

Office of the Principal Chief Conservator of Forests, Tamil Nadu Forest Department, Government of Tamil Nadu in its directive to conduct “Tamil Nadu Synchronised Bird Estimate” for the year 2024-25 had advised the estimate conducted in phases.

It is informed that after the monsoon (especially North-east) in Tamil Nadu, the synchronised bird estimate has to be conducted for this season in all bird sanctuaries, marshlands, and other significant wetlands / water bodies in Tamil Nadu simultaneously.

The above objective was treated as Phase 1 of estimate, which was scheduled between 8th and 9th March, 2025.

The purpose and importance of this long term monitoring of birds of Tamil Nadu is aimed at not only recording presence of birds, but also observe other critical habitat variables including the threats factors for the better planning and long-term conservation of avian diversity and their habitats in Tamil Nadu.

All divisional offices have been provided with estimate methodology, selection methodology of wetlands, estimate tool kit (including data book to record observations), and on-line forms to enter data wetland wise and district wise.

The Phase 1 estimate was successfully held across all districts by the divisional offices by inviting volunteers and involving department staff. The results in prescribed formats are received for statewide consolidation.

The Phase 2 of the estimate, meant for terrestrial bird estimation will be held on 15th and 16th March, 2025.





8 & 9 Mar 2025

Phase 1 of the estimate meant for the estimation of birds across wetlands was held on 8th & 9th Jan 2025 across the state on all districts.



38 Districts

All thirty-eight districts of the state were covered. All divisions have participated in the exercise.



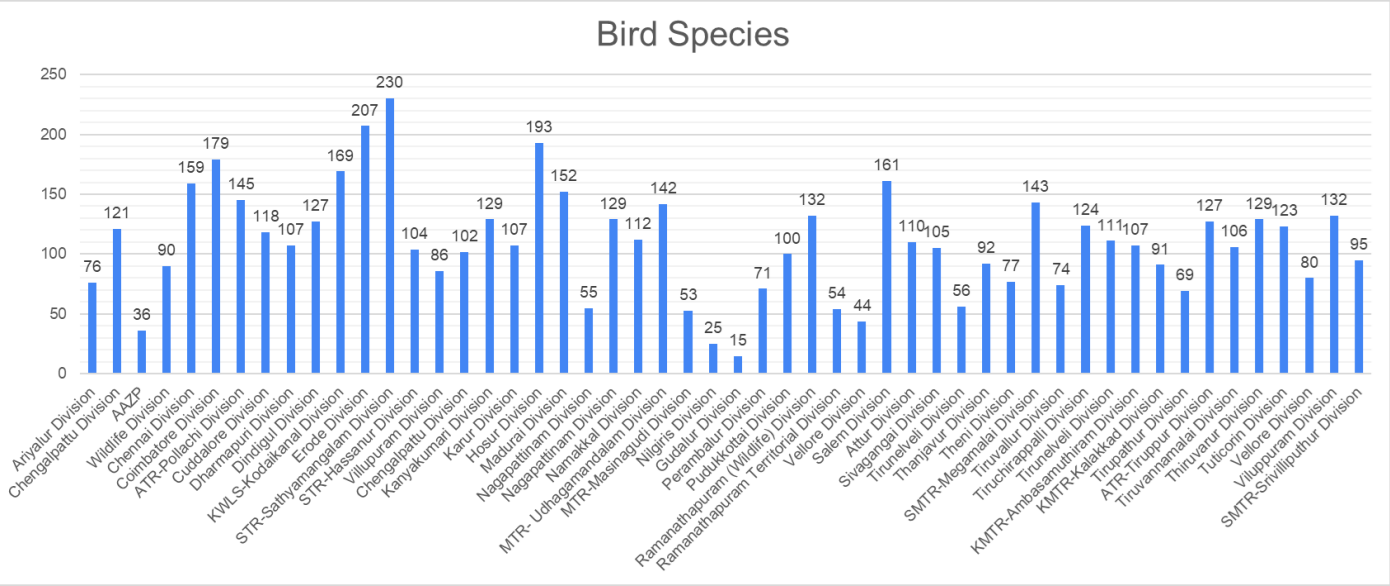
934 Wetlands

A total of 934 wetlands across the state were covered in this estimate. It was suggested to cover about 20 wetlands for each district

DIVISIONWISE CONSOLIDATED DATA

S. No	District	Division Name	No of wetlands	Total Birds		Waterbirds		Migrant Waterbirds	
				Bird Species	Bird Direct Count	Bird Species	Bird Direct Count	Bird Species	Bird Direct Count
1	Ariyalur	Ariyalur Division	11	76	59569	49	57841	15	4592
2	Chengalpattu	Chengalpattu Division	16	121	8420	63	7654	31	4008
3	Chengalpattu	AAZP	1	36	540	16	469	1	7
4	Chennai	Wildlife Division	14	90	19691	61	19510	29	1762
5	Chennai	Chennai Division	24	159	24048	70	18182	32	8118
6	Coimbatore	Coimbatore Division	25	179	13792	52	7497	15	384
7	Coimbatore	ATR-Pollachi Division	11	145	2790	28	1076	2	99
8	Cuddalore	Cuddalore Division	6	118	14309	65	12485	33	6693
9	Dharmapuri	Dharmapuri Division	30	107	11561	28	5550	4	26
10	Dindigul	Dindigul Division	23	127	7401	43	3451	13	267
11	Dindigul	KWLS-Kodaikanal Division	20	169	3974	37	1748	8	62
12	Erode	Erode Division	21	207	21896	60	11816	19	1171
13	Erode	STR-Sathyamangalam Division	11	230	7178	54	3116	16	197
14	Erode	STR-Hassanur Division	5	104	957	18	123	3	10
15	Kallakurichi	Villupuram Division	9	86	3619	34	2320	7	217
16	Kancheepuram	Chengalpattu Division	11	102	2517	42	1864	9	258
17	Kanyakumari	Kanyakumari Division	25	129	10405	62	6483	23	1183
18	Karur	Karur Division	20	107	6506	32	2973	7	187
19	Krishnagiri	Hosur Division	25	193	8509	45	3121	13	241
20	Madurai	Madurai Division	25	152	16789	54	11368	15	1021
21	Mayiladuthurai	Nagapattinam Division	3	55	1391	33	1159	12	168
22	Nagapattinam	Nagapattinam Division	15	129	33622	63	30808	34	25292
23	Namakkal	Namakkal Division	20	112	6747	44	4093	13	753
24	The Nilgiris	MTR- Udhamandalam Division	25	142	2401	27	324	7	43
25	The Nilgiris	MTR-Masinagudi Division	3	53	596	20	257	3	6
26	The Nilgiris	Nilgiris Division	14	25	789	17	689	3	23
27	The Nilgiris	Gudalur Division	20	15	134	12	91	1	1
28	Perambalur	Perambalur Division	20	71	14160	38	11657	10	222
29	Pudukkottai	Pudukkottai Division	25	100	6289	46	3994	15	336
30	Ramanathapuram	Ramanathapuram (Wildlife)	20	132	12004	70	10543	36	1881
31	Ramanathapuram	Ramanathapuram Territorial	6	54	5542	45	5469	24	4449
32	Ranipet	Vellore Division	5	44	1314	15	831	2	22
33	Salem	Salem Division	23	161	5445	43	1878	11	202
34	Salem	Attur Division	30	110	4548	33	2184	9	58
35	Sivagangai	Sivagangai Division	25	105	26326	40	20802	8	380
36	Tenkasi	Tirunelveli Division	20	56	4243	38	3277	8	292
37	Thanjavur	Thanjavur Division	23	92	13770	31	9729	7	1587
38	Theni	Theni Division	25	77	6243	34	4699	4	105
39	Theni	SMTR-Megamalai Division	28	143	7596	39	4694	5	70
40	Tiruvallur	Tiruvallur Division	25	74	3974	36	2907	7	171
41	Trichirappalli	Tiruchirappalli Division	20	124	10992	42	7635	12	790
42	Tirunelveli	Tirunelveli Division	20	111	23283	69	21734	30	9304
43	Tirunelveli	KMTR-Ambasamuthiram	8	107	1641	35	844	9	53
44	Tirunelveli	KMTR-Kalakkad Division	10	91	2309	38	1855	6	107
45	Tirupathur	Tirupathur Division	25	69	2233	29	1881	4	119
46	Tiruppur	ATR-Tiruppur Division	20	127	7324	43	3037	8	112
47	Tiruvannamalai	Tiruvannamalai Division	27	106	5206	37	3106	9	112
48	Thiruvarur	Thiruvarur Division	22	129	70356	63	63443	29	13783
49	Tuticorin	Tuticorin Division	21	123	11337	57	8823	22	773
50	Vellore	Vellore Division	15	80	3995	23	2261	4	126
51	Viluppuram	Viluppuram Division	12	132	9293	66	7429	26	1066
52	Virudhunagar	SMTR-Srivilliputhur Division	26	95	2775	38	2224	7	234
		Total	934	397	552349	118	423004	68	93143

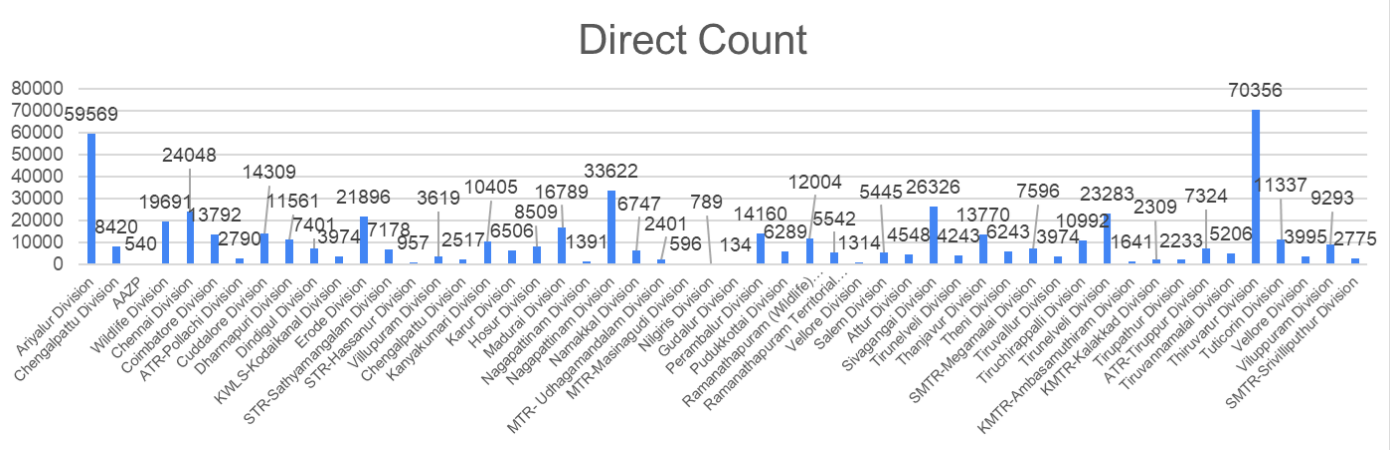
TOTAL NUMBER OF BIRD SPECIES AND POPULATION COUNT



397
Bird species

552349
Population count

Estimate results show that 397 bird species were associated with wetlands habitat across the state. A population count of 5, 52, 349 is recorded with 7 divisions contributing to maximum bird counts.



Birds Overview



118



Water birds

Birds that live near and walk or swim in water, especially rivers or lakes, can be broadly classified as waterbirds, and such birds include bird orders of waterfowls, flamingos, grebes, rails and crakes, waders, gulls and terns, storks, darters and cormorants, ibises, herons and pelicans.

During the estimate, 118 bird species from these group of bird orders were recorded across the state. No records found for the order storm-petrels and shearwaters.

279

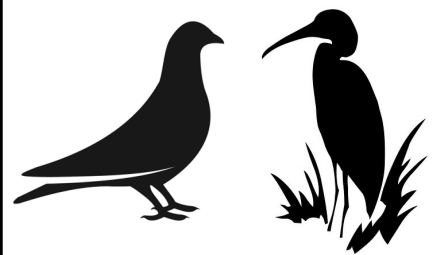


Land birds

Birds of lands, which include bird orders of ground-feeding birds, doves and pigeons, sandgrouses, cuckoos, nightjars and frogmouths, swifts, raptors, owls, trogons, hoopoes and hornbills, kingfishers, bee-eaters and rollers, barbets and woodpeckers, kestrels, hobbies and falcons, parrots and parakeets, and passerine birds.

During the estimate, 279 land bird species were recorded from/ around wetland habitat. Some specific groups are known to associate with wetlands regularly

397



Total birds

A total of 397 species are associated with wetlands directly or indirectly. This is a very healthy and important information emerging from the estimate.

The state of Tamil Nadu has a total of 547 estimated bird species, and the count of 397 forms about **73%** of total species.

	Species	Direct Count	
 Water birds	118		423004
 Land birds	279		129345
 Total birds	397		552349

Order	Birds Group	Species	Population
Anseriformes	Waterfowls	14	38584
Galliformes	Ground-feeding birds	7	4340
Columbiformes	Doves and Pigeons	12	5782
Pterocliiformes	Sandgrouses	2	11
Otidiformes	Bustards	0	0
Cuculiformes	Cuckoos	12	3152
Caprimulgiformes	Nightjars & Frogmouths	4	84
Apodiformes	Swifts	7	11626
Gruiformes	Rails & Crakes	9	16636
Charadriiformes	Waders, Gulls & Terns	66	93726
Phoenicopteriformes	Flamingos	1	6918
Podicipediformes	Grebes	1	6145
Procellariiformes	Storm-Petrels & Shearwaters	0	0
Ciconiiformes	Storks	4	32681
Suliformes	Darters & Cormorants	4	46633
Pelecaniformes	Ibises, Herons & Pelicans	19	181681
Accipitriformes	Raptors	31	2671
Strigiformes	Owls	10	294
Trogoniformes	Trogons	0	0
Bucerotiformes	Hoopoes & Hornbills	4	310
Coraciiformes	Kingfishers, Bee-eaters & Rollers	15	11968
Piciformes	Barbets & Woodpeckers	15	1183
Falconiformes	Kestrels, Hobbies & Falcons	4	25
Psittaciformes	Parrots & Parakeets	4	6573
Passeriformes	Passerine birds	152	81326
Total		397	552349

MIGRATORY BIRDS

Birds migrate, often flying hundreds and thousands of kilometres seasonally, mostly in a defined migratory flyways. Birds migrating to India fall within the central Asian flyway. 12% of birds from the Indian subcontinent checklist are migratory. With long coastal lines, rich hilly forests and fertile plains, Tamil Nadu has a significant share on migratory birds among its total birds checklist, with at least 41% of them are long-distant migrants. 6% of the birds are either with resident and migrant status or local migrant status.

68



Migrant Water birds

68 species of migrants from the group of birds, classified as water birds, were recorded during the estimate.

These include 9 species of waterfowls, 1 flamingo species, 1 rails and crakes species, 55 species from waders, gulls and terns. 1 species from storks, and 1 from Pelicans and Herons.

As expected, waders, gulls and terns are the dominant order.

68



Migrant Land birds

68 species of migrants from the group of birds, classified as land birds, were recorded during the estimate.

These include 2 species of cuckoos, 1 nightjar species, 12 species of raptors, 4 species of bee-eaters and rollers, 3 species from falcon, hobbies and kestrels and 46 passerine bird species.

136



Total Migrants

A total of 136 long distant migrants were recorded during the estimate.

Among the species recorded, 34% of the species are migrant species.

Apart from the long-distant migrants, 5 species with local migrant status and 10 species who have dual classification (species who are resident and migrant through different sub-species) were also recorded.

	Species	Direct Count	
 Water birds	68		93143
 Land birds	68		20463
 Total birds	136		113606

Order	Birds Group	Species	Population
Anseriformes	Waterfowls	9	13411
Galliformes	Ground-feeding birds	0	0
Columbiformes	Doves and Pigeons	0	0
Pterocliiformes	Sandgrouses	0	0
Otidiformes	Bustards	0	0
Cuculiformes	Cuckoos	2	16
Caprimulgiformes	Nightjars & Frogmouths	1	5
Apodiformes	Swifts	0	0
Gruiformes	Rails & Crakes	1	5
Charadriiformes	Waders, Gulls & Terns	55	72694
Phoenicopteriformes	Flamingos	1	6918
Podicipediformes	Grebes	0	0
Procellariiformes	Storm-Petrels & Shearwaters	0	0
Ciconiiformes	Storks	1	41
Suliformes	Darters & Cormorants	0	0
Pelecaniformes	Ibises, Herons & Pelicans	1	74
Accipitriformes	Raptors	12	129
Strigiformes	Owls	0	0
Trogoniformes	Trogons	0	0
Bucerotiformes	Hoopoes & Hornbills	0	0
Coraciiformes	Kingfishers, Bee-eaters & Rollers	4	2835
Piciformes	Barbets & Woodpeckers	0	0
Falconiformes	Kestrels, Hobbies & Falcons	3	22
Psittaciformes	Parrots & Parakeets	0	0
Passeriformes	Passerine birds	46	17456
Total		136	113606

MOST POPULOUS BIRDS



Little Egret

Resident
Population Count: 37493



Little Cormorant

Resident
Population Count: 29090



Asian Openbill

Resident
Population Count: 24932



Black-headed Ibis

Resident
Population Count: 23490



Glossy Ibis

Resident
Population Count: 22089



Indian Pond Heron

Resident
Population Count: 22061



Eastern Cattle Egret

Resident
Population Count: 21785



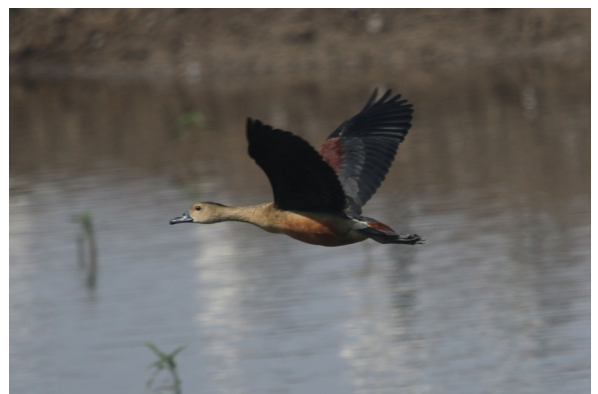
Little Stint

Migrant
Population Count: 20007



Medium Egret

Resident
Population Count: 13313



Lesser Whistling Duck

Resident
Population Count: 12939

IMPORTANT BIRDS



Greylag Goose

Migrant



Greater Flamingo

Migrant



Eurasian Curlew

Migrant



Pied Avocet

Migrant



Lesser Crested Tern

Migrant

IMPORTANT BIRDS



Eurasian Spoonbill

Resident



Long-toed Stint

Migrant



**Cotton Pygmy
Goose**

Resident



Bar-headed Goose

Migrant



Oriental Darter

Resident

LIST OF BIRDS– SIGHTED

S. No	Species Name	Scientific Name	Species Authority	Family
1	Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>	Vieillot, 1816	Anatidae
2	Lesser Whistling-Duck	<i>Dendrocygna javanica</i>	Horsfield, 1821	Anatidae
3	Bar-headed Goose	<i>Anser indicus</i>	Latham, 1790	Anatidae
4	Greylag Goose	<i>Anser anser</i>	Linnaeus, 1758	Anatidae
5	Knob-billed Duck	<i>Sarkidiornis melanotos</i>	Pennant, 1769	Anatidae
6	Ruddy Shelduck	<i>Tadorna ferruginea</i>	Pallas, 1764	Anatidae
7	Cotton Pygmy-goose	<i>Nettapus coromandelianus</i>	Gmelin, 1789	Anatidae
8	Garganey	<i>Spatula querquedula</i>	Linnaeus, 1758	Anatidae
9	Northern Shoveler	<i>Spatula clypeata</i>	Linnaeus, 1758	Anatidae
10	Eurasian Wigeon	<i>Mareca penelope</i>	Linnaeus, 1758	Anatidae
11	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>	Forster, 1781	Anatidae
12	Northern Pintail	<i>Anas acuta</i>	Linnaeus, 1758	Anatidae
13	Green-winged Teal	<i>Anas carolinensis</i>	Gmelin, 1789	Anatidae
14	Common Pochard	<i>Aythya ferina</i>	Linnaeus, 1758	Anatidae
15	Indian Peafowl	<i>Pavo cristatus</i>	Linnaeus, 1758	Phasianidae
16	Red Spurfowl	<i>Galloperdix spadicea</i>	Gmelin, 1789	Phasianidae
17	Painted Spurfowl	<i>Galloperdix lunulata</i>	Valenciennes, 1825	Phasianidae
18	Gray Junglefowl	<i>Gallus sonneratii</i>	Temminck, 1813	Phasianidae
19	Gray Francolin	<i>Ortygornis pondicerianus</i>	Gmelin, 1789	Phasianidae
20	Jungle Bush-Quail	<i>Perdicula asiatica</i>	Latham, 1790	Phasianidae
21	Rock Bush-Quail	<i>Perdicula argoondah</i>	Sykes, 1832	Phasianidae
22	Rock Pigeon	<i>Columba livia</i>	Gmelin, 1789	Columbidae
23	Nilgiri Wood-Pigeon	<i>Columba elphinstonii</i>	Sykes, 1832	Columbidae
24	Oriental Turtle-Dove	<i>Streptopelia orientalis</i>	Latham, 1790	Columbidae
25	Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	Frivaldszky, 1838	Columbidae
26	Red Collared-Dove	<i>Streptopelia tranquebarica</i>	Hermann, 1804	Columbidae
27	Spotted Dove	<i>Spilopelia chinensis</i>	Scopoli, 1786	Columbidae
28	Laughing Dove	<i>Spilopelia senegalensis</i>	Linnaeus, 1766	Columbidae
29	Asian Emerald Dove	<i>Chalcophaps indica</i>	Linnaeus, 1758	Columbidae
30	Gray-fronted Green-Pigeon	<i>Treron affinis</i>	Jerdon, 1840	Columbidae
31	Yellow-footed Green-Pigeon	<i>Treron phoenicopterus</i>	Latham, 1790	Columbidae
32	Green Imperial-Pigeon	<i>Ducula aenea</i>	Linnaeus, 1766	Columbidae
33	Malabar Imperial-Pigeon	<i>Ducula cuprea</i>	Jerdon, 1840	Columbidae
34	Chestnut-bellied Sandgrouse	<i>Pterocles exustus</i>	Temminck, 1825	Pteroclididae
35	Painted Sandgrouse	<i>Pterocles indicus</i>	Gmelin, 1789	Pteroclididae
36	Greater Coucal	<i>Centropus sinensis</i>	Stephens, 1815	Cuculidae
37	Sirkeer Malkoha	<i>Taccocua leschenaultii</i>	Lesson, 1830	Cuculidae
38	Blue-faced Malkoha	<i>Phaenicophaeus viridirostris</i>	Jerdon, 1840	Cuculidae
39	Chestnut-winged Cuckoo	<i>Clamator coromandus</i>	Linnaeus, 1766	Cuculidae
40	Pied Cuckoo	<i>Clamator jacobinus</i>	Boddaert, 1783	Cuculidae
41	Asian Koel	<i>Eudynamis scolopaceus</i>	Linnaeus, 1758	Cuculidae
42	Banded Bay Cuckoo	<i>Cacomantis sonneratii</i>	Latham, 1790	Cuculidae
43	Gray-bellied Cuckoo	<i>Cacomantis passerinus</i>	Vahl, 1797	Cuculidae
44	Fork-tailed Drongo-Cuckoo	<i>Surniculus dicruroides</i>	Hodgson, 1839	Cuculidae
45	Common Hawk-Cuckoo	<i>Hierococcyx varius</i>	Vahl, 1797	Cuculidae
46	Indian Cuckoo	<i>Cuculus micropterus</i>	Gould, 1838	Cuculidae
47	Common Cuckoo	<i>Cuculus canorus</i>	Linnaeus, 1758	Cuculidae
48	Jungle Nightjar	<i>Caprimulgus indicus</i>	Latham, 1790	Caprimulgidae
49	Jerdon's Nightjar	<i>Caprimulgus atripennis</i>	Jerdon, 1845	Caprimulgidae
50	Indian Nightjar	<i>Caprimulgus asiaticus</i>	Latham, 1790	Caprimulgidae
51	Savanna Nightjar	<i>Caprimulgus affinis</i>	Horsfield, 1821	Caprimulgidae
52	White-rumped Needletail	<i>Zoonavena sylvatica</i>	Tickell, 1846	Apodidae
53	Brown-backed Needletail	<i>Hirundapus giganteus</i>	Temminck, 1825	Apodidae

S. No	Species Name	Scientific Name	Species Authority	Family
54	Indian Swiftlet	<i>Aerodramus unicolor</i>	Jerdon, 1840	Apodidae
55	Alpine Swift	<i>Tachymarptis melba</i>	Linnaeus, 1758	Apodidae
56	Little Swift	<i>Apus affinis</i>	JE Gray, 1830	Apodidae
57	Asian Palm-Swift	<i>Cypsturus balasiensis</i>	JE Gray, 1829	Apodidae
58	Crested Treeswift	<i>Hemiprocne coronata</i>	Tickell, 1833	Hemiprocniidae
59	Slaty-breasted Rail	<i>Lewinia striata</i>	Linnaeus, 1766	Rallidae
60	Eurasian Moorhen	<i>Gallinula chloropus</i>	Linnaeus, 1758	Rallidae
61	Eurasian Coot	<i>Fulica atra</i>	Linnaeus, 1758	Rallidae
62	Grey-headed Swamphen	<i>Porphyrio poliocephalus</i>	Latham, 1801	Rallidae
63	Watercock	<i>Gallicrex cinerea</i>	Gmelin, 1789	Rallidae
64	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Pennant, 1769	Rallidae
65	Slaty-legged Crake	<i>Rallina eurizonoides</i>	Lafresnaye, 1845	Rallidae
66	Ruddy-breasted Crake	<i>Zapornia fusca</i>	Linnaeus, 1766	Rallidae
67	Baillon's Crake	<i>Zapornia pusilla</i>	Pallas, 1776	Rallidae
68	Great Thick-knee	<i>Esacus recurvirostris</i>	Cuvier, 1829	Burhinidae
69	Indian Thick-knee	<i>Burhinus indicus</i>	Salvadori, 1865	Burhinidae
70	Black-winged Stilt	<i>Himantopus himantopus</i>	Linnaeus, 1758	Recurvirostridae
71	Pied Avocet	<i>Recurvirostra avosetta</i>	Linnaeus, 1758	Recurvirostridae
72	Eurasian Oystercatcher	<i>Haematopus ostralegus</i>	Linnaeus, 1758	Haematopodidae
73	Black-bellied Plover	<i>Pluvialis squatarola</i>	Linnaeus, 1758	Charadriidae
74	Pacific Golden Plover	<i>Pluvialis fulva</i>	Gmelin, 1789	Charadriidae
75	Common Ringed Plover	<i>Charadrius hiaticula</i>	Linnaeus, 1758	Charadriidae
76	Little Ringed Plover	<i>Thinornis dubius</i>	Scopoli, 1786	Charadriidae
77	Yellow-wattled Lapwing	<i>Vanellus malabaricus</i>	Boddaert, 1783	Charadriidae
78	Gray-headed Lapwing	<i>Vanellus cinereus</i>	Blyth, 1842	Charadriidae
79	Red-wattled Lapwing	<i>Vanellus indicus</i>	Boddaert, 1783	Charadriidae
80	Caspian Plover	<i>Anarhynchus asiaticus</i>	Pallas, 1773	Charadriidae
81	Tibetan Sand-Plover	<i>Anarhynchus atrifrons</i>	Wagler, 1829	Charadriidae
82	Greater Sand-Plover	<i>Anarhynchus leschenaultii</i>	Lesson, 1826	Charadriidae
83	Kentish Plover	<i>Anarhynchus alexandrinus</i>	Linnaeus, 1758	Charadriidae
84	Greater Painted-Snipe	<i>Rostratula benghalensis</i>	Linnaeus, 1758	Rostratulidae
85	Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Scopoli, 1786	Jacanidae
86	Bronze-winged Jacana	<i>Metopidius indicus</i>	Latham, 1790	Jacanidae
87	Whimbrel	<i>Numenius phaeopus</i>	Linnaeus, 1758	Scolopacidae
88	Eurasian Curlew	<i>Numenius arquata</i>	Linnaeus, 1758	Scolopacidae
89	Bar-tailed Godwit	<i>Limosa lapponica</i>	Linnaeus, 1758	Scolopacidae
90	Black-tailed Godwit	<i>Limosa limosa</i>	Linnaeus, 1758	Scolopacidae
91	Wood Snipe	<i>Gallinago nemoricola</i>	Hodgson, 1836	Scolopacidae
92	Pin-tailed Snipe	<i>Gallinago stenura</i>	Bonaparte, 1831	Scolopacidae
93	Common Snipe	<i>Gallinago gallinago</i>	Linnaeus, 1758	Scolopacidae
94	Terek Sandpiper	<i>Xenus cinereus</i>	Güldenstädt, 1775	Scolopacidae
95	Common Sandpiper	<i>Actitis hypoleucos</i>	Linnaeus, 1758	Scolopacidae
96	Green Sandpiper	<i>Tringa ochropus</i>	Linnaeus, 1758	Scolopacidae
97	Marsh Sandpiper	<i>Tringa stagnatilis</i>	Bechstein, 1803	Scolopacidae
98	Wood Sandpiper	<i>Tringa glareola</i>	Linnaeus, 1758	Scolopacidae
99	Common Redshank	<i>Tringa totanus</i>	Linnaeus, 1758	Scolopacidae
100	Spotted Redshank	<i>Tringa erythropus</i>	Pallas, 1764	Scolopacidae
101	Common Greenshank	<i>Tringa nebularia</i>	Gunnerus, 1767	Scolopacidae
102	Ruddy Turnstone	<i>Arenaria interpres</i>	Linnaeus, 1758	Scolopacidae
103	Great Knot	<i>Calidris tenuirostris</i>	Horsfield, 1821	Scolopacidae
104	Ruff	<i>Calidris pugnax</i>	Linnaeus, 1758	Scolopacidae
105	Broad-billed Sandpiper	<i>Calidris falcinellus</i>	Pontoppidan, 1763	Scolopacidae
106	Curlew Sandpiper	<i>Calidris ferruginea</i>	Pontoppidan, 1763	Scolopacidae
107	Temminck's Stint	<i>Calidris temminckii</i>	Leisler, 1812	Scolopacidae
108	Long-toed Stint	<i>Calidris subminuta</i>	Middendorff, 1853	Scolopacidae

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109	Sanderling	<i>Calidris alba</i>	Pallas, 1764	Scolopacidae
110	Little Stint	<i>Calidris minuta</i>	Leisler, 1812	Scolopacidae
111	Barred Buttonquail	<i>Turnix suscitator</i>	Gmelin, 1789	Turnicidae
112	Crab-Plover	<i>Dromas ardeola</i>	Paykull, 1805	Dromadidae
113	Indian Courser	<i>Cursorius coromandelicus</i>	Gmelin, 1789	Glareolidae
114	Small Pratincole	<i>Glareola lactea</i>	Temminck, 1820	Glareolidae
115	Oriental Pratincole	<i>Glareola maldivarum</i>	Forster, 1795	Glareolidae
116	Slender-billed Gull	<i>Chroicocephalus genei</i>	Breme, 1839	Laridae
117	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Linnaeus, 1766	Laridae
118	Brown-headed Gull	<i>Chroicocephalus brunnicephalus</i>	Jerdon, 1840	Laridae
119	Pallas's Gull	<i>Ichthyaeetus ichthyaeetus</i>	Pallas, 1773	Laridae
120	Lesser Black-backed Gull	<i>Larus fuscus</i>	Linnaeus, 1758	Laridae
121	Indian Skimmer	<i>Rynchops albicollis</i>	Swainson, 1838	Laridae
122	Sooty Tern	<i>Onychoprion fuscatus</i>	Linnaeus, 1766	Laridae
123	Little Tern	<i>Sternula albifrons</i>	Pallas, 1764	Laridae
124	Gull-billed Tern	<i>Gelochelidon nilotica</i>	Gmelin, 1789	Laridae
125	Caspian Tern	<i>Hydroprogne caspia</i>	Pallas, 1770	Laridae
126	Whiskered Tern	<i>Chlidonias hybrida</i>	Pallas, 1811	Laridae
127	White-winged Tern	<i>Chlidonias leucopterus</i>	Temminck, 1815	Laridae
128	River Tern	<i>Sterna aurantia</i>	JE Gray, 1831	Laridae
129	Common Tern	<i>Sterna hirundo</i>	Linnaeus, 1758	Laridae
130	Black-bellied Tern	<i>Sterna acuticauda</i>	Gray JE, 1831	Laridae
131	Sandwich Tern	<i>Thalasseus sandwicensis</i>	Latham, 1787	Laridae
132	Lesser Crested Tern	<i>Thalasseus bengalensis</i>	Lesson, 1831	Laridae
133	Greater Crested Tern	<i>Thalasseus bergii</i>	Lichtenstein, 1823	Laridae
134	Greater Flamingo	<i>Phoenicopterus roseus</i>	Pallas, 1811	Phoenicopteridae
135	Little Grebe	<i>Tachybaptus ruficollis</i>	Pallas, 1764	Podicipedidae
136	Asian Openbill	<i>Anastomus oscitans</i>	Boddaert, 1783	Ciconiidae
137	Asian Woolly-necked Stork	<i>Ciconia episcopus</i>	Boddaert, 1783	Ciconiidae
138	White Stork	<i>Ciconia ciconia</i>	Linnaeus, 1758	Ciconidae
139	Painted Stork	<i>Mycteria leucocephala</i>	Pennant, 1769	Ciconiidae
140	Oriental Darter	<i>Anhinga melanogaster</i>	Pennant, 1769	Anhingidae
141	Little Cormorant	<i>Microcarbo niger</i>	Vieillot, 1817	Phalacrocoracidae
142	Great Cormorant	<i>Phalacrocorax carbo</i>	Linnaeus, 1758	Phalacrocoracidae
143	Indian Cormorant	<i>Phalacrocorax fuscicollis</i>	Stephens, 1826	Phalacrocoracidae
144	Glossy Ibis	<i>Plegadis falcinellus</i>	Linnaeus, 1766	Threskiornithidae
145	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	Latham, 1790	Threskiornithidae
146	Red-naped Ibis	<i>Pseudibis papillosa</i>	Temminck, 1824	Threskiornithidae
147	Eurasian Spoonbill	<i>Platalea leucorodia</i>	Linnaeus, 1758	Threskiornithidae
148	Black Bittern	<i>Botaurus flavicollis</i>	Latham, 1790	Ardeidae
149	Cinnamon Bittern	<i>Botaurus cinnamomeus</i>	Gmelin, 1789	Ardeidae
150	Yellow Bittern	<i>Botaurus sinensis</i>	Gmelin, 1789	Ardeidae
151	Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Linnaeus, 1758	Ardeidae
152	Malayan Night Heron	<i>Gorsachius melanolophus</i>	Raffles, 1822	Ardeidae
153	Little Egret	<i>Egretta garzetta</i>	Linnaeus, 1766	Ardeidae
154	Western Reef-Heron	<i>Egretta gularis</i>	Bosc, 1792	Ardeidae
155	Striated Heron	<i>Butorides striata</i>	Linnaeus, 1758	Ardeidae
156	Indian Pond-Heron	<i>Ardeola grayii</i>	Sykes, 1832	Ardeidae
157	Eastern Cattle Egret	<i>Ardea coromanda</i>	Boddaert, 1783	Ardeidae
158	Great Egret	<i>Ardea alba</i>	Linnaeus, 1758	Ardeidae
159	Medium Egret	<i>Ardea intermedia</i>	Wagler, 1829	Ardeidae
160	Grey Heron	<i>Ardea cinerea</i>	Linnaeus, 1758	Ardeidae
161	Purple Heron	<i>Ardea purpurea</i>	Linnaeus, 1766	Ardeidae
162	Spot-billed Pelican	<i>Pelecanus philippensis</i>	Gmelin, 1789	Pelecanidae

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163	Osprey	<i>Pandion haliaetus</i>	Linnaeus, 1758	Pandionidae
164	Black-winged Kite	<i>Elanus caeruleus</i>	Desfontaines, 1789	Accipitridae
165	Black Baza	<i>Aviceda leuphotes</i>	Dumont, 1820	Accipitridae
166	Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	Temminck, 1821	Accipitridae
167	Red-headed Vulture	<i>Sarcogyps calvus</i>	Scopoli, 1786	Accipitridae
168	White-rumped Vulture	<i>Gyps bengalensis</i>	Gmelin, 1788	Accipitridae
169	Indian Vulture	<i>Gyps indicus</i>	Scopoli, 1786	Accipitridae
170	Crested Serpent-Eagle	<i>Spilornis cheela</i>	Latham, 1790	Accipitridae
171	Short-toed Snake-Eagle	<i>Circaetus gallicus</i>	Gmelin, 1788	Accipitridae
172	Changeable Hawk-Eagle	<i>Nisaetus cirrhatus</i>	Gmelin, 1788	Accipitridae
173	Black Eagle	<i>Ictinaetus malaiensis</i>	Temminck, 1822	Accipitridae
174	Indian Spotted Eagle	<i>Clanga hastata</i>	Lesson, 1831	Accipitridae
175	Greater Spotted Eagle	<i>Clanga clanga</i>	Pallas, 1811	Accipitridae
176	Booted Eagle	<i>Hieraaetus pennatus</i>	Gmelin, 1788	Accipitridae
177	Steppe Eagle	<i>Aquila nipalensis</i>	Hodgson, 1833	Accipitridae
178	Bonelli's Eagle	<i>Aquila fasciata</i>	Vieillot, 1822	Accipitridae
179	Besra	<i>Tachyspiza virgatus</i>	Temminck, 1822	Accipitridae
180	Shikra	<i>Tachyspiza badius</i>	Gmelin, 1788	Accipitridae
181	Eurasian Sparrowhawk	<i>Accipiter nisus</i>	Linnaeus, 1758	Accipitridae
182	Western Marsh Harrier	<i>Circus aeruginosus</i>	Linnaeus, 1758	Accipitridae
183	Eastern Marsh Harrier	<i>Circus spilonotus</i>	Kaup, 1847	Accipitridae
184	Pallid Harrier	<i>Circus macrourus</i>	S. G. Gmelin, 1770	Accipitridae
185	Pied Harrier	<i>Circus melanoleucus</i>	Pennant, 1769	Accipitridae
186	Montagu's Harrier	<i>Circus pygargus</i>	Linnaeus, 1758	Accipitridae
187	Black Kite	<i>Milvus migrans</i>	Boddaert, 1783	Accipitridae
188	Brahminy Kite	<i>Haliastur indus</i>	Boddaert, 1783	Accipitridae
189	White-bellied Sea-Eagle	<i>Ichthyophaga leucogaster</i>	Gmelin, 1788	Accipitridae
190	Lesser Fish-Eagle	<i>Ichthyophaga humilis</i>	Müller & Schlegel, 1841	Accipitridae
191	Grey-headed Fish-Eagle	<i>Ichthyophaga ichthyaetus</i>	Horsfield, 1821	Accipitridae
192	White-eyed Buzzard	<i>Butastur teesa</i>	Franklin, 1831	Accipitridae
193	Common Buzzard	<i>Buteo buteo</i>	Linnaeus, 1758	Accipitridae
194	Eastern Barn Owl	<i>Tyto javanica</i>	Gmelin, 1788	Tytonidae
195	Indian Scops-Owl	<i>Otus bakkamoena</i>	Pennant, 1769	Strigidae
196	Oriental Scops-Owl	<i>Otus sunia</i>	Hodgson, 1836	Strigidae
197	Rock Eagle-Owl	<i>Bubo bengalensis</i>	Franklin, 1831	Strigidae
198	Brown Fish-Owl	<i>Ketupa zeylonensis</i>	Gmelin, 1788	Strigidae
199	Jungle Owlet	<i>Glaucidium radiatum</i>	Tickell, 1833	Strigidae
200	Spotted Owlet	<i>Athene brama</i>	Temminck, 1821	Strigidae
201	Mottled Wood-Owl	<i>Strix ocellata</i>	Lesson, 1839	Strigidae
202	Brown Wood-Owl	<i>Strix leptogrammica</i>	Temminck, 1832	Strigidae
203	Brown Boobook	<i>Ninox scutulata</i>	Raffles, 1822	Strigidae
204	Eurasian Hoopoe	<i>Upupa epops</i>	Linnaeus, 1758	Upupidae
205	Great Hornbill	<i>Buceros bicornis</i>	Linnaeus, 1758	Bucerotidae
206	Indian Gray Hornbill	<i>Ocyrceros birostris</i>	Scopoli, 1786	Bucerotidae
207	Malabar Gray Hornbill	<i>Ocyrceros griseus</i>	Latham, 1790	Bucerotidae
208	Blue-bearded Bee-eater	<i>Nyctornis athertoni</i>	Jardine & Selby, 1828	Meropidae
209	Asian Green Bee-eater	<i>Merops orientalis</i>	Latham, 1801	Meropidae
210	Blue-cheeked Bee-eater	<i>Merops persicus</i>	Pallas, 1773	Meropidae
211	Blue-tailed Bee-eater	<i>Merops philippinus</i>	Linnaeus, 1767	Meropidae
212	European Bee-eater	<i>Merops apiaster</i>	Linnaeus, 1758	Meropidae
213	Chestnut-headed Bee-eater	<i>Merops leschenaulti</i>	Vieillot, 1817	Meropidae
214	Common Kingfisher	<i>Alcedo atthis</i>	Linnaeus, 1758	Alcedinidae
215	Blue-eared Kingfisher	<i>Alcedo meninting</i>	Horsfield, 1821	Alcedinidae
216	Stork-billed Kingfisher	<i>Pelargopsis capensis</i>	Linnaeus, 1766	Alcedinidae

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217	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Linnaeus, 1758	Alcedinidae
218	Black-capped Kingfisher	<i>Halcyon pileata</i>	Boddaert, 1783	Alcedinidae
219	Pied Kingfisher	<i>Ceryle rudis</i>	Linnaeus, 1758	Alcedinidae
220	European Roller	<i>Coracias garrulus</i>	Linnaeus, 1758	Coraciidae
221	Indian Roller	<i>Coracias benghalensis</i>	Linnaeus, 1758	Coraciidae
222	Dollarbird	<i>Eurystomus orientalis</i>	Linnaeus, 1766	Coraciidae
223	Malabar Barbet	<i>Psilopogon malabaricus</i>	Blyth, 1847	Megalaimidae
224	Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	Statius Müller, 1776	Megalaimidae
225	Brown-headed Barbet	<i>Psilopogon zeylanicus</i>	Gmelin, 1788	Megalaimidae
226	White-cheeked Barbet	<i>Psilopogon viridis</i>	Boddaert, 1783	Megalaimidae
227	Heart-spotted Woodpecker	<i>Hemicircus canente</i>	Lesson, 1832	Picidae
228	Brown-capped Woodpecker	<i>Yungipicus nanus</i>	Vigors, 1832	Picidae
229	Yellow-crowned Woodpecker	<i>Leiopicus mahrattensis</i>	Latham, 1801	Picidae
230	Greater Flameback	<i>Chrysocolaptes guttacristatus</i>	Tickell, 1833	Picidae
231	Malabar Flameback	<i>Chrysocolaptes socialis</i>	Koelz, 1939	Picidae
232	White-naped Woodpecker	<i>Chrysocolaptes festivus</i>	Boddaert, 1783	Picidae
233	Rufous Woodpecker	<i>Micropternus brachyurus</i>	Vieillot, 1818	Picidae
234	Black-rumped Flameback	<i>Dinopium benghalense</i>	Linnaeus, 1758	Picidae
235	Lesser Yellownape	<i>Picus chlorolophus</i>	Vieillot, 1818	Picidae
236	Streak-throated Woodpecker	<i>Picus xanthopygaeus</i>	Gray & Gray, 1846	Picidae
237	White-bellied Woodpecker	<i>Dryocopus javensis</i>	Horsfield, 1821	Picidae
238	Lesser Kestrel	<i>Falco naumanni</i>	Fleischer, 1818	Falconidae
239	Eurasian Kestrel	<i>Falco tinnunculus</i>	Linnaeus, 1758	Falconidae
240	Red-necked Falcon	<i>Falco chicquera</i>	Daudin, 1800	Falconidae
241	Peregrine Falcon	<i>Falco peregrinus</i>	Tunstall, 1771	Falconidae
242	Rose-ringed Parakeet	<i>Psittacula krameri</i>	Scopoli, 1769	Psittaculidae
243	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>	Linnaeus, 1766	Psittaculidae
244	Malabar Parakeet	<i>Psittacula columboides</i>	Vigors, 1830	Psittaculidae
245	Vernal Hanging-Parrot	<i>Loriculus vernalis</i>	Sparrman, 1787	Psittaculidae
246	Indian Pitta	<i>Pitta brachyura</i>	Linnaeus, 1766	Pittidae
247	White-bellied Minivet	<i>Pericrocotus erythropygius</i>	Jerdon, 1840	Campephagidae
248	Small Minivet	<i>Pericrocotus cinnamomeus</i>	Linnaeus, 1766	Campephagidae
249	Orange Minivet	<i>Pericrocotus flammeus</i>	Forster, 1781	Campephagidae
250	Indian Cuckooshrike	<i>Coracina macei</i>	Lesson, 1831	Campephagidae
251	Black-headed Cuckooshrike	<i>Lalage melanoptera</i>	Rüppell, 1839	Campephagidae
252	Indian Golden Oriole	<i>Oriolus kundoo</i>	Sykes, 1832	Oriolidae
253	Black-naped Oriole	<i>Oriolus chinensis</i>	Linnaeus, 1766	Oriolidae
254	Black-hooded Oriole	<i>Oriolus xanthornus</i>	Linnaeus, 1758	Oriolidae
255	Ashy Woodswallow	<i>Artamus fuscus</i>	Vieillot, 1817	Artamidae
256	Malabar Woodshrike	<i>Tephrodornis sylvicola</i>	Jerdon, 1839	Vangidae
257	Common Woodshrike	<i>Tephrodornis pondicerianus</i>	Gmelin, 1789	Vangidae
258	Bar-winged Flycatcher-shrike	<i>Hemipus picatus</i>	Sykes, 1832	Vangidae
259	Common Iora	<i>Aegithina tiphia</i>	Linnaeus, 1758	Aegithinidae
260	White-tailed Iora	<i>Aegithina nigrolutea</i>	Marshall, 1876	Aegithinidae
261	Spot-breasted Fantail	<i>Rhipidura albogularis</i>	Lesson, 1832	Rhipiduridae
262	White-browed Fantail	<i>Rhipidura aureola</i>	Lesson, 1831	Rhipiduridae
263	Black Drongo	<i>Dicrurus macrocercus</i>	Vieillot, 1817	Dicruridae
264	Ashy Drongo	<i>Dicrurus leucophaeus</i>	Vieillot, 1817	Dicruridae
265	White-bellied Drongo	<i>Dicrurus caerulescens</i>	Linnaeus, 1758	Dicruridae
266	Bronzed Drongo	<i>Dicrurus aeneus</i>	Vieillot, 1817	Dicruridae
267	Greater Racket-tailed Drongo	<i>Dicrurus paradiseus</i>	Linnaeus, 1766	Dicruridae
268	Black-naped Monarch	<i>Hypothymis azurea</i>	Boddaert, 1783	Monarchidae
269	Indian Paradise-Flycatcher	<i>Terpsiphone paradisi</i>	Linnaeus, 1758	Monarchidae
270	Brown Shrike	<i>Lanius cristatus</i>	Linnaeus, 1758	Laniidae

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271	Bay-backed Shrike	<i>Lanius vittatus</i>	Valenciennes, 1826	Laniidae
272	Long-tailed Shrike	<i>Lanius schach</i>	Linnaeus, 1758	Laniidae
273	Rufous Treepie	<i>Dendrocitta vagabunda</i>	Latham, 1790	Corvidae
274	House Crow	<i>Corvus splendens</i>	Vieillot, 1817	Corvidae
275	Large-billed Crow	<i>Corvus macrorhynchos</i>	Wagler, 1827	Corvidae
276	Grey-headed Canary-Flycatcher	<i>Culicicapa ceylonensis</i>	Swainson, 1820	Stenostridae
277	Asian Tit	<i>Parus cinereus</i>	Vieillot, 1818	Paridae
278	White-naped Tit	<i>Machlolophus nuchalis</i>	Jerdon, 1845	Paridae
279	Indian Yellow Tit	<i>Machlolophus aplonotus</i>	Blyth, 1847	Paridae
280	Ashy-crowned Sparrow-Lark	<i>Eremopterix griseus</i>	Scopoli, 1786	Alaudidae
281	Jerdon's Bushlark	<i>Plocealauda affinis</i>	Blyth, 1845	Alaudidae
282	Indian Bushlark	<i>Plocealauda erythroptera</i>	Blyth, 1845	Alaudidae
283	Singing Bushlark	<i>Mirafra cantillans</i>	Blyth, 1845	Alaudidae
284	Oriental Skylark	<i>Alauda gulgula</i>	Franklin, 1831	Alaudidae
285	Malabar Lark	<i>Galerida malabarica</i>	Scopoli, 1786	Alaudidae
286	Mongolian Short-toed Lark	<i>Calandrella dukhunensis</i>	Sykes, 1832	Alaudidae
287	Common Tailorbird	<i>Orthotomus sutorius</i>	Pennant, 1769	Cisticolidae
288	Grey-breasted Prinia	<i>Prinia hodgsonii</i>	Blyth, 1844	Cisticolidae
289	Jungle Prinia	<i>Prinia sylvatica</i>	Jerdon, 1840	Cisticolidae
290	Ashy Prinia	<i>Prinia socialis</i>	Sykes, 1832	Cisticolidae
291	Plain Prinia	<i>Prinia inornata</i>	Sykes, 1832	Cisticolidae
292	Zitting Cisticola	<i>Cisticola juncidis</i>	Rafinesque, 1810	Cisticolidae
293	Thick-billed Warbler	<i>Arundinax aedon</i>	Pallas, 1776	Acrocephalidae
294	Booted Warbler	<i>Iduna caligata</i>	Lichtenstein, 1823	Acrocephalidae
295	Sykes's Warbler	<i>Iduna rama</i>	Sykes, 1832	Acrocephalidae
296	Paddyfield Warbler	<i>Acrocephalus agricola</i>	Jerdon, 1845	Acrocephalidae
297	Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>	Blyth, 1849	Acrocephalidae
298	Clamorous Reed Warbler	<i>Acrocephalus stentoreus</i>	Hemprich & Ehrenberg, 1833	Acrocephalidae
299	Pallas's Grasshopper-Warbler	<i>Helopsaltes certhiola</i>	Pallas, 1811	Locustellidae
300	Dusky Crag-Martin	<i>Ptyonoprogne concolor</i>	Sykes, 1832	Hirundinidae
301	Hill Swallow	<i>Hirundo domicola</i>	Jerdon, 1841	Hirundinidae
302	Barn Swallow	<i>Hirundo rustica</i>	Linnaeus, 1758	Hirundinidae
303	Wire-tailed Swallow	<i>Hirundo smithii</i>	Leach, 1818	Hirundinidae
304	Western House-Martin	<i>Delichon urbicum</i>	Linnaeus, 1758	Hirundinidae
305	Eastern Red-rumped Swallow	<i>Cecropis daurica</i>	Laxmann, 1769	Hirundinidae
306	Streak-throated Swallow	<i>Petrochelidon fluvicola</i>	Blyth, 1855	Hirundinidae
307	Yellow-browed Bulbul	<i>Acritillas indica</i>	Jerdon, 1839	Pycnonotidae
308	Square-tailed Bulbul	<i>Hypsipetes ganeesa</i>	Sykes, 1832	Pycnonotidae
309	Grey-headed Bulbul	<i>Microtarsus priocephalus</i>	Jerdon, 1839	Pycnonotidae
310	Flame-throated Bulbul	<i>Rubigula gularis</i>	Gould, 1836	Pycnonotidae
311	White-browed Bulbul	<i>Pycnonotus luteolus</i>	Lesson, 1841	Pycnonotidae
312	Yellow-throated Bulbul	<i>Pycnonotus xantholaemus</i>	Jerdon, 1845	Pycnonotidae
313	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	Linnaeus, 1758	Pycnonotidae
314	Red-vented Bulbul	<i>Pycnonotus cafer</i>	Linnaeus, 1766	Pycnonotidae
315	Yellow-browed Warbler	<i>Phylloscopus inornatus</i>	Blyth, 1842	Phylloscopidae
316	Tickell's Leaf Warbler	<i>Phylloscopus affinis</i>	Tickell, 1833	Phylloscopidae
317	Green Warbler	<i>Phylloscopus nitidus</i>	Blyth, 1843	Phylloscopidae
318	Greenish Warbler	<i>Phylloscopus trochiloides</i>	Sundevall, 1837	Phylloscopidae
319	Large-billed Leaf Warbler	<i>Phylloscopus magnirostris</i>	Blyth, 1843	Phylloscopidae
320	Lesser Whitethroat	<i>Curruca curruca</i>	Linnaeus, 1758	Sylviidae
321	Yellow-eyed Babbler	<i>Chrysomma sinense</i>	Gmelin, 1789	Sylviidae
322	Indian White-eye	<i>Zosterops palpebrosus</i>	Temminck, 1824	Zosteropidae
323	Tawny-bellied Babbler	<i>Dumetia hyperythra</i>	Franklin, 1831	Timaliidae
324	Dark-fronted Babbler	<i>Dumetia atriceps</i>	Jerdon, 1839	Timaliidae

S. No	Species Name	Scientific Name	Species Authority	Family
325	Indian Scimitar-Babbler	<i>Pomatorhinus horsfieldii</i>	Sykes, 1832	Timaliidae
326	Puff-throated Babbler	<i>Pellorneum ruficeps</i>	Swainson, 1832	Pellorneidae
327	Brown-cheeked Fulvetta	<i>Alcippe poioicephala</i>	Jerdon, 1841	Leiothrichidae
328	Palani Laughingthrush	<i>Montecincla fairbanki</i>	Blanford, 1869	Leiothrichidae
329	Large Grey Babbler	<i>Argya malcolmi</i>	Sykes, 1832	Leiothrichidae
330	Rufous Babbler	<i>Argya subrufa</i>	Jerdon, 1839	Leiothrichidae
331	Jungle Babbler	<i>Argya striata</i>	Dumont, 1823	Leiothrichidae
332	Yellow-billed Babbler	<i>Argya affinis</i>	Jerdon, 1845	Leiothrichidae
333	Common Babbler	<i>Argya caudata</i>	Dumont, 1823	Leiothrichidae
334	Velvet-fronted Nuthatch	<i>Sitta frontalis</i>	Swainson, 1820	Sittidae
335	Indian Nuthatch	<i>Sitta castanea</i>	Lesson, 1830	Sittidae
336	Southern Hill Myna	<i>Gracula indica</i>	Cuvier, 1829	Sturnidae
337	Rosy Starling	<i>Pastor roseus</i>	Linnaeus, 1758	Sturnidae
338	Indian Pied Starling	<i>Gracupica contra</i>	Linnaeus, 1758	Sturnidae
339	Brahminy Starling	<i>Sturnia pagodarum</i>	Gmelin, 1789	Sturnidae
340	Chestnut-tailed Starling	<i>Sturnia malabarica</i>	Gmelin, 1789	Sturnidae
341	Malabar Starling	<i>Sturnia blythii</i>	Jerdon, 1845	Sturnidae
342	Common Myna	<i>Acridotheres tristis</i>	Linnaeus, 1766	Sturnidae
343	Jungle Myna	<i>Acridotheres fuscus</i>	Wagler, 1827	Sturnidae
344	Orange-headed Thrush	<i>Geokichla citrina</i>	Latham, 1790	Turdidae
345	Indian Blackbird	<i>Turdus simillimus</i>	Jerdon, 1839	Turdidae
346	Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	Pallas, 1811	Muscicapidae
347	Brown-breasted Flycatcher	<i>Muscicapa muttui</i>	Layard, 1854	Muscicapidae
348	Indian Robin	<i>Copsychus fulicatus</i>	Linnaeus, 1766	Muscicapidae
349	Oriental Magpie Robin	<i>Copsychus saularis</i>	Linnaeus, 1758	Muscicapidae
350	White-rumped Shama	<i>Copsychus malabaricus</i>	Scopoli, 1786	Muscicapidae
351	White-bellied Sholakili	<i>Sholicola albiventris</i>	Blanford, 1868	Muscicapidae
352	Blue-and-white Flycatcher	<i>Cyanoptila cyanomelana</i>	Temminck, 1829	Muscicapidae
353	Nilgiri Flycatcher	<i>Eumyias albicaudatus</i>	Jerdon, 1840	Muscicapidae
354	Verditer Flycatcher	<i>Eumyias thalassinus</i>	Swainson, 1838	Muscicapidae
355	Blue-throated Flycatcher	<i>Cyornis rubeculoides</i>	Vigors, 1831	Muscicapidae
356	Tickell's Blue Flycatcher	<i>Cyornis tickelliae</i>	Blyth, 1843	Muscicapidae
357	Indian Blue Robin	<i>Larvivora brunnea</i>	Hodgson, 1837	Muscicapidae
358	Malabar Whistling Thrush	<i>Myophonus horsfieldii</i>	Vigors, 1831	Muscicapidae
359	Taiga Flycatcher	<i>Ficedula albicilla</i>	Pallas, 1811	Muscicapidae
360	Red-breasted Flycatcher	<i>Ficedula parva</i>	Bechstein, 1792	Muscicapidae
361	Siberian Stonechat	<i>Saxicola maurus</i>	Pallas, 1773	Muscicapidae
362	Pied Bushchat	<i>Saxicola caprata</i>	Linnaeus, 1766	Muscicapidae
363	Thick-billed Flowerpecker	<i>Pachyglossa agilis</i>	Tickell, 1833	Dicaeidae
364	Pale-billed Flowerpecker	<i>Dicaeum erythrorhynchos</i>	Latham, 1790	Dicaeidae
365	Nilgiri Flowerpecker	<i>Dicaeum concolor</i>	Jerdon, 1840	Dicaeidae
366	Purple-rumped Sunbird	<i>Leptocoma zeylonica</i>	Linnaeus, 1766	Nectariniidae
367	Crimson-backed Sunbird	<i>Leptocoma minima</i>	Sykes, 1832	Nectariniidae
368	Purple Sunbird	<i>Cinnyris asiaticus</i>	Latham, 1790	Nectariniidae
369	Loten's Sunbird	<i>Cinnyris lotenius</i>	Linnaeus, 1766	Nectariniidae
370	Asian Fairy-bluebird	<i>Irena puella</i>	Latham, 1790	Irenidae
371	Jerdon's Leafbird	<i>Chloropsis jerdoni</i>	Blyth, 1844	Chloropseidae
372	Golden-fronted Leafbird	<i>Chloropsis aurifrons</i>	Temminck, 1829	Chloropseidae
373	Streaked Weaver	<i>Ploceus manyar</i>	Horsfield, 1821	Ploceidae
374	Baya Weaver	<i>Ploceus philippinus</i>	Linnaeus, 1766	Ploceidae
375	Indian Silverbill	<i>Euodice malabarica</i>	Linnaeus, 1758	Estrildidae
376	Scaly-breasted Munia	<i>Lonchura punctulata</i>	Linnaeus, 1758	Estrildidae
377	Black-throated Munia	<i>Lonchura kelaarti</i>	Jerdon, 1863	Estrildidae
378	White-rumped Munia	<i>Lonchura striata</i>	Linnaeus, 1766	Estrildidae

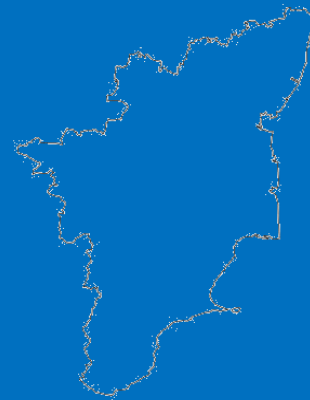
S. No	Species Name	Scientific Name	Species Authority	Family
379	Tricolored Munia	<i>Lonchura malacca</i>	Linnaeus, 1766	Estrildidae
380	Red Avadavat	<i>Amandava amandava</i>	Linnaeus, 1758	Estrildidae
381	House Sparrow	<i>Passer domesticus</i>	Linnaeus, 1758	Passeridae
382	Yellow-throated Sparrow	<i>Gymnoris xanthocollis</i>	Burton, 1838	Passeridae
383	Forest Wagtail	<i>Dendronanthus indicus</i>	Gmelin, 1789	Motacillidae
384	Grey Wagtail	<i>Motacilla cinerea</i>	Tunstall, 1771	Motacillidae
385	Western Yellow Wagtail	<i>Motacilla flava</i>	Linnaeus, 1758	Motacillidae
386	Eastern Yellow Wagtail	<i>Motacilla tschutschensis</i>	Gmelin, 1789	Motacillidae
387	Citrine Wagtail	<i>Motacilla citreola</i>	Pallas, 1776	Motacillidae
388	White-browed Wagtail	<i>Motacilla maderaspatensis</i>	Gmelin, 1789	Motacillidae
389	White Wagtail	<i>Motacilla alba</i>	Linnaeus, 1758	Motacillidae
390	Richard's Pipit	<i>Anthus richardi</i>	Vieillot, 1818	Motacillidae
391	Paddyfield Pipit	<i>Anthus rufulus</i>	Vieillot, 1818	Motacillidae
392	Long-billed Pipit	<i>Anthus similis</i>	Jerdon, 1840	Motacillidae
393	Blyth's Pipit	<i>Anthus godlewskii</i>	Taczanowski, 1876	Motacillidae
394	Tawny Pipit	<i>Anthus campestris</i>	Linnaeus, 1758	Motacillidae
395	Nilgiri Pipit	<i>Anthus nilghiriensis</i>	Sharpe, 1885	Motacillidae
396	Tree Pipit	<i>Anthus trivialis</i>	Linnaeus, 1758	Motacillidae
397	Common Rosefinch	<i>Carpodacus erythrinus</i>	Pallas, 1770	Fringillidae

Notes:

1. The list provided here is subjected to further scrutiny of their presence, especially with respect to certain rare species, and may be changed in the final report.
2. New taxonomic revisions have moved a few birds from their traditional genus and family, into new genus and or new family, and hence one would find differences across various references currently.
3. Readers are advised to verify the taxonomic contents provided here for its correctness before using them. Despite the care taken, there may be a few errors inadvertently present.



District Overview

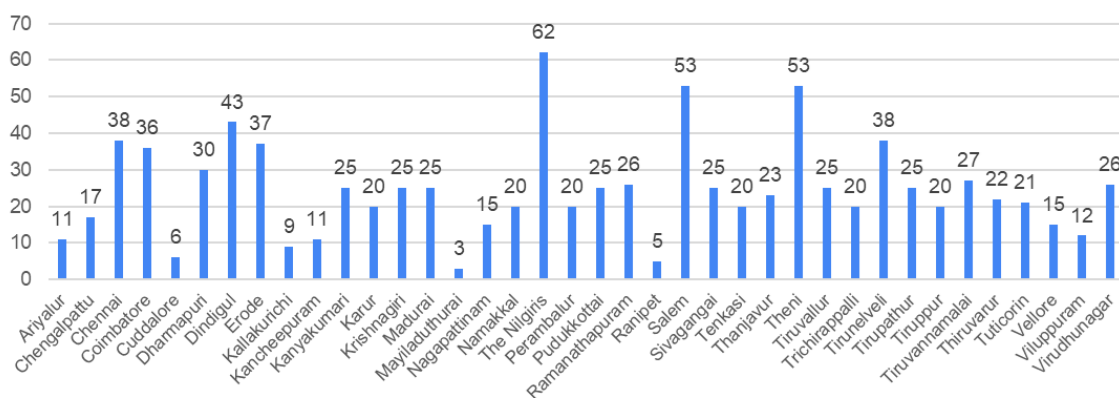


Average number of wetlands surveyed per division & district

A total of **934** wetlands have been surveyed. All divisions have been advised to select about 20 per district. Maximum number of spots have been selected by Dharmapuri, Attur and SMTR-Meghamalai divisions.

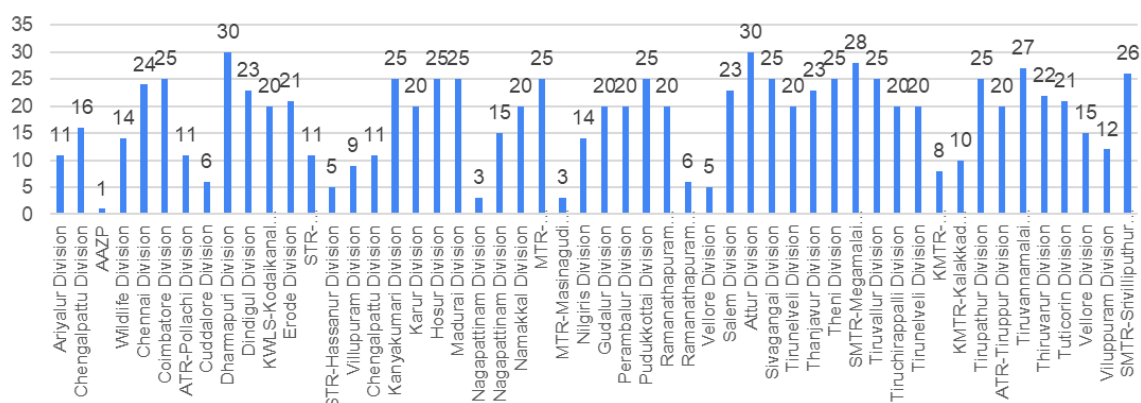
24.6

Wetlands per district



18.0

Wetlands per division

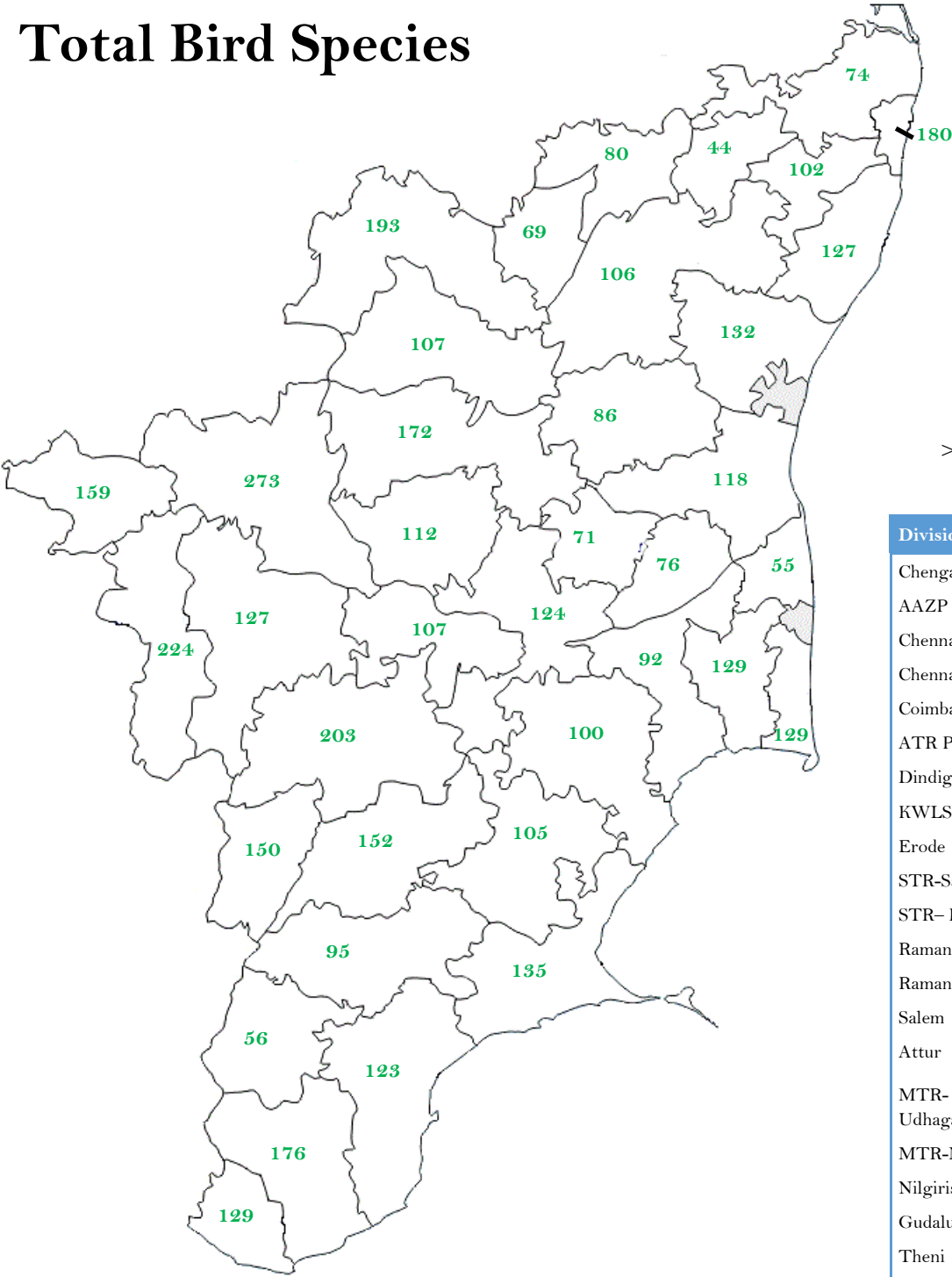


DISTRICT WISE BIRD SPECIES RECORDED



397

Total Bird Species



> 1divisions per district
data– division wise

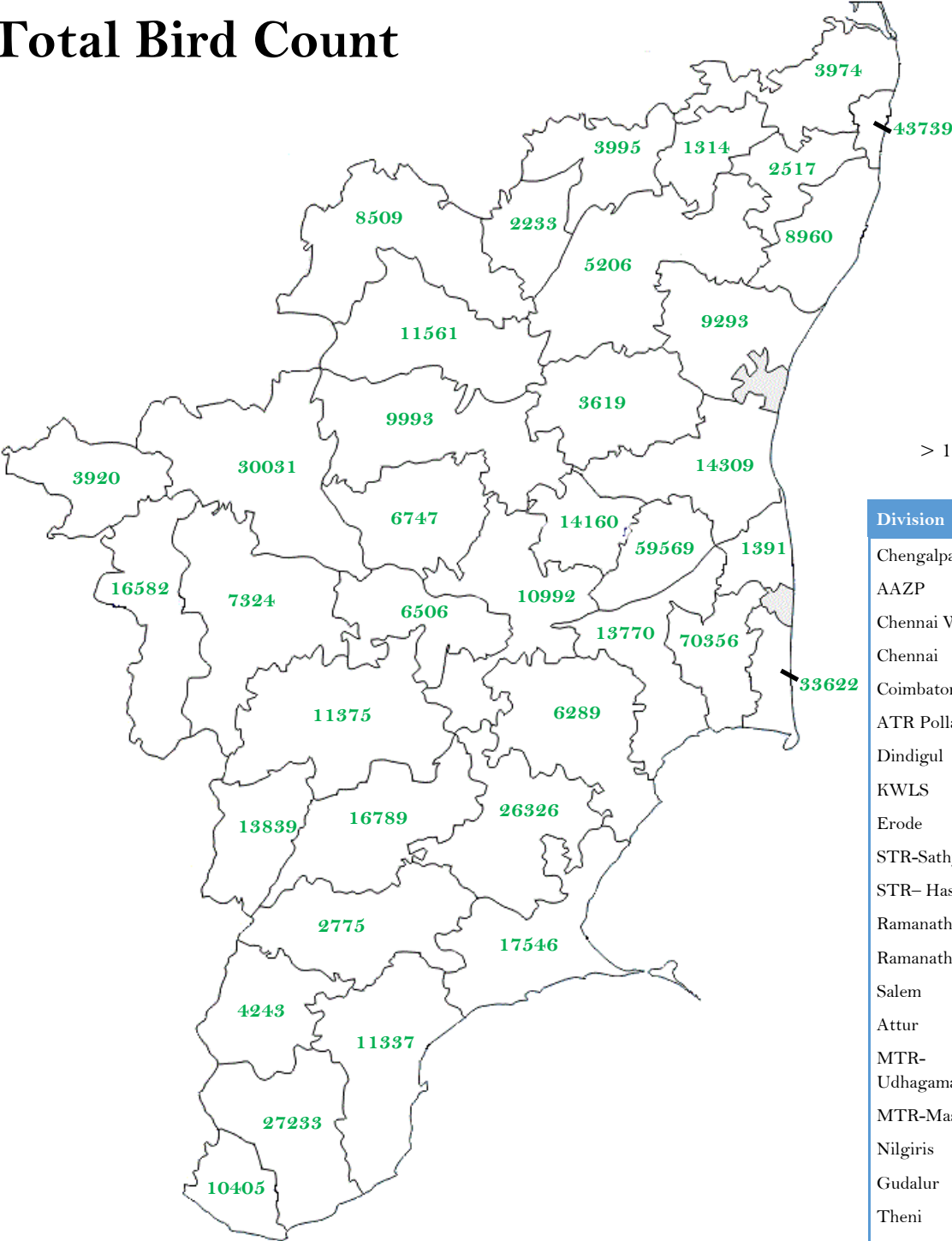
Division	Species
Chengalpattu	121
AAZP	36
Chennai WD	90
Chennai	159
Coimbatore	179
ATR Pollachi	145
Dindigul	127
KWLS	169
Erode	207
STR-Sathyamangalam	230
STR- Hassanur	104
Ramanathapuram WLD	132
Ramanathapuram TD	54
Salem	161
Attur	110
MTR-Udhagamandalam	142
MTR-Masinagudi	53
Nilgiris	25
Gudalur	15
Theni	77
SMTR- Meghamalai	143
Tirunelveli	111
KMTR-Ambasamuthiram	107
KMTR-Kalakkad	91

DISTRICT WISE BIRDS DIRECT COUNTED



552349

Total Bird Count



> 1divisions per district
data- division wise

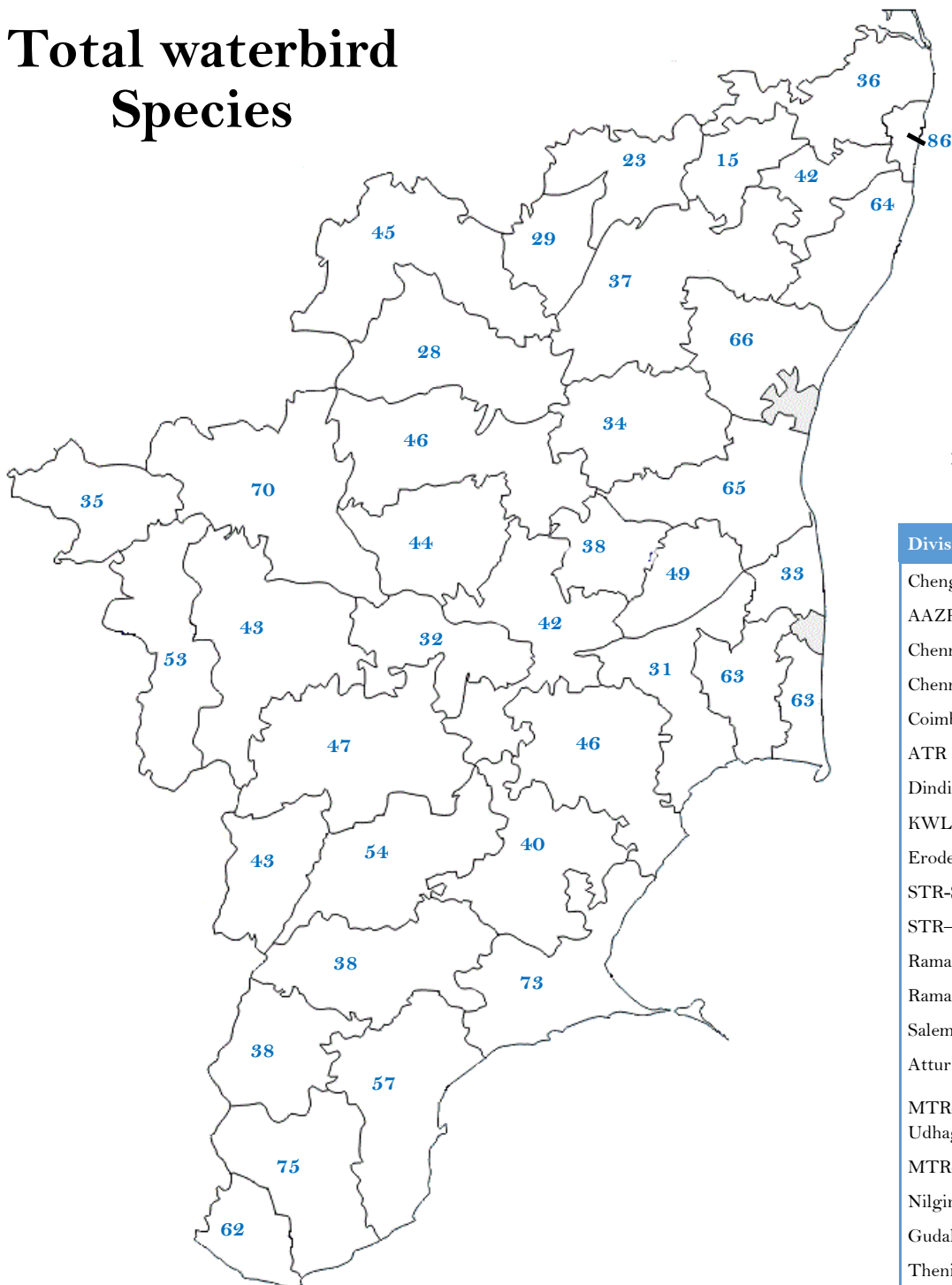
Division	Count
Chengalpattu	8420
AAZP	540
Chennai WD	19691
Chennai	24048
Coimbatore	13792
ATR Pollachi	2790
Dindigul	7401
KWLS	3974
Erode	21896
STR-Sathyamangalam	7178
STR- Hassanur	957
Ramanathapuram WLD	12004
Ramanathapuram TD	5542
Salem	5445
Attur	4548
MTR- Udhagamandalam	2401
MTR-Masinagudi	596
Nilgiris	789
Gudalur	134
Theni	6243
SMTR- Meghamalai	7596
Tirunelveli	23283
KMTR- Ambasamuthiram	1641
KMTR-Kalakkad	2309

DISTRICT WISE WATER BIRD SPECIES RECORDED



118

Total waterbird Species



> 1divisions per district
data- division wise

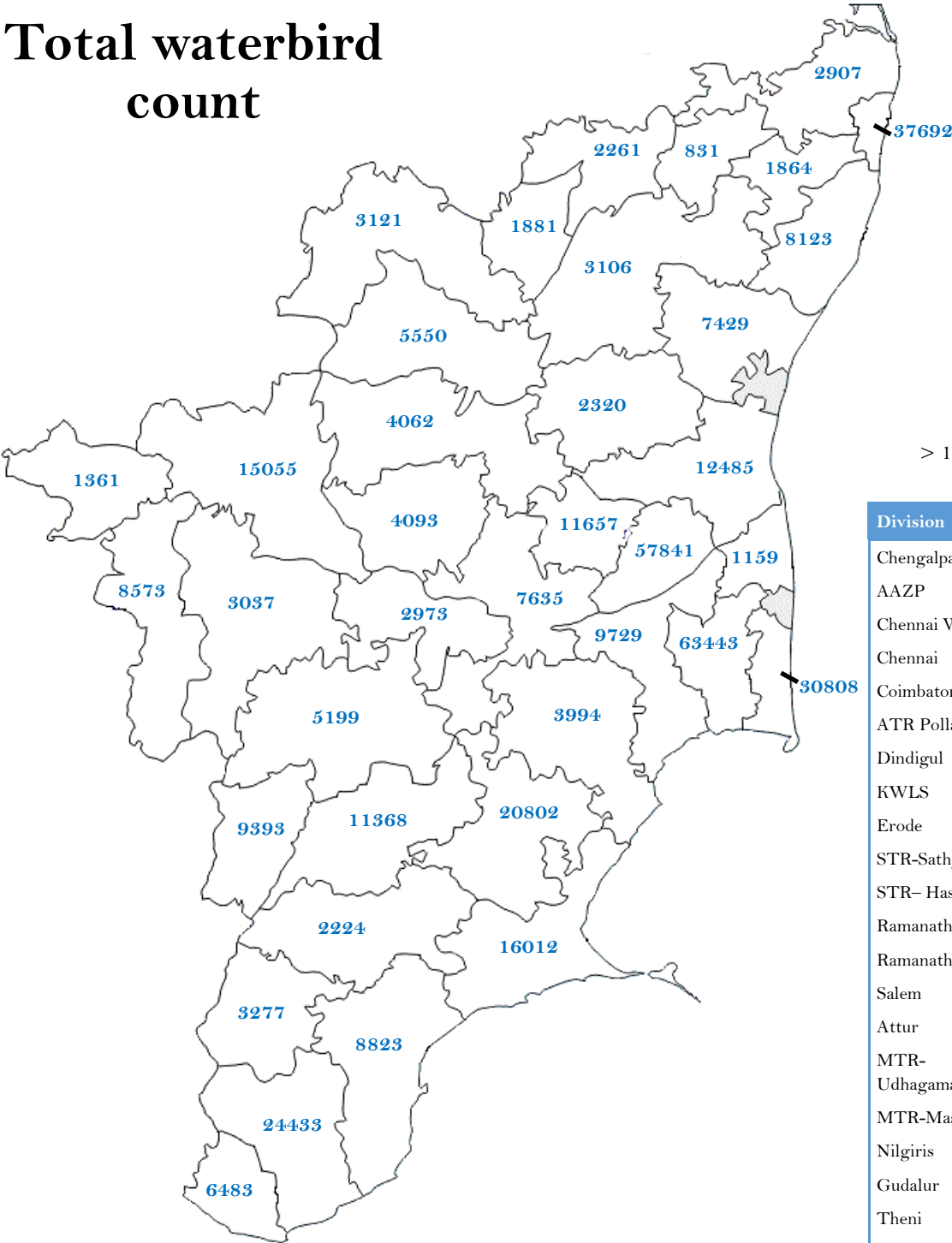
Division	Species
Chengalpattu	63
AAZP	16
Chennai WD	61
Chennai	70
Coimbatore	52
ATR Pollachi	28
Dindigul	43
KWLS	37
Erode	60
STR-Sathyamangalam	54
STR- Hassanur	18
Ramanathapuram WLD	70
Ramanathapuram TD	45
Salem	43
Attur	33
MTR- Udhagamandalam	27
MTR-Masinagudi	20
Nilgiris	17
Gudalur	12
Theni	34
SMTR- Meghamalai	39
Tirunelveli	69
KMTR- Ambasamuthiram	35
KMTR-Kalakkad	38

DISTRICT WISE WATER BIRDS DIRECT COUNTED



423004

Total waterbird
count



> 1divisions per district
data- division wise

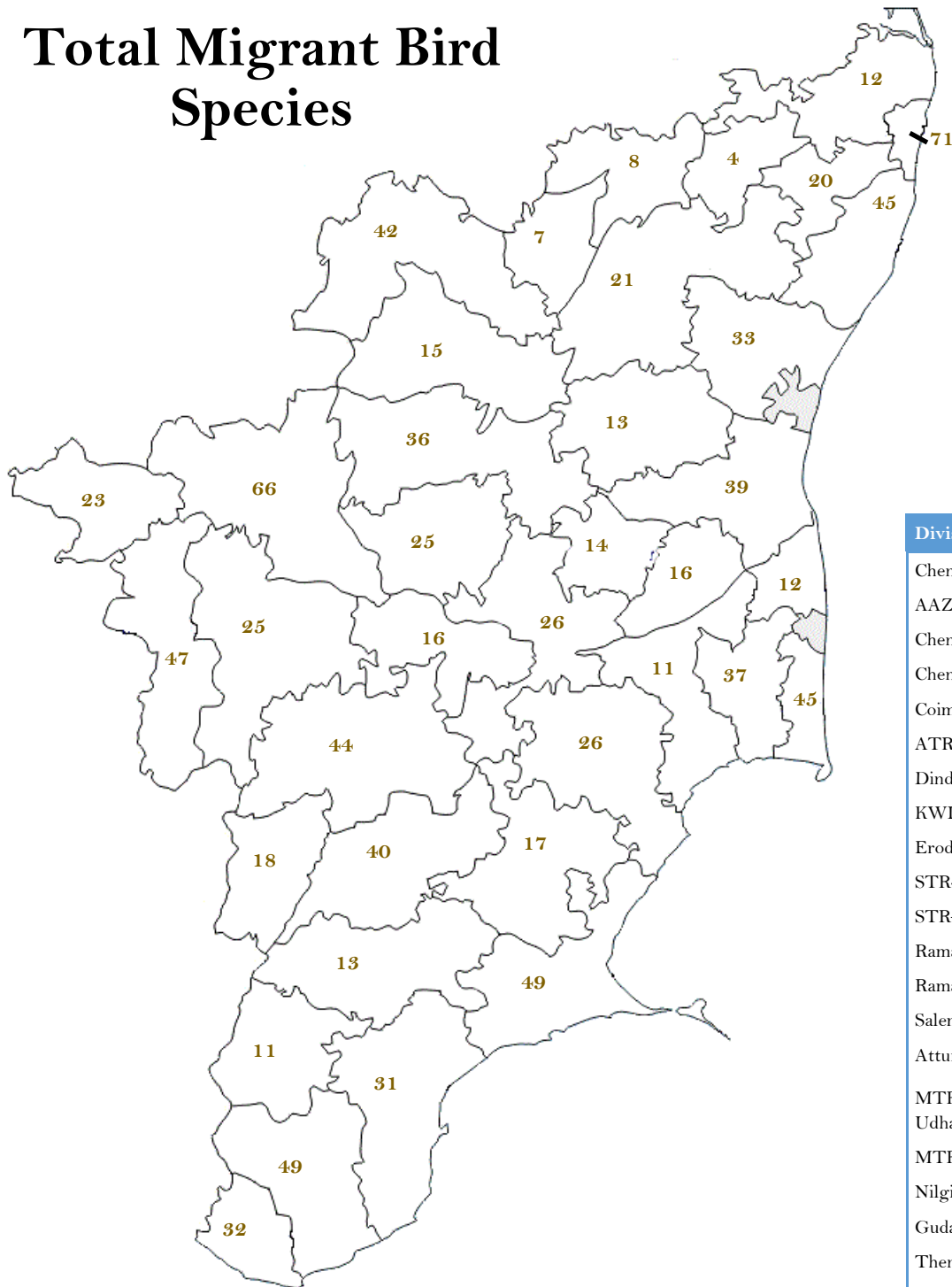
Division	Count
Chengalpattu	7654
AAZP	469
Chennai WD	19510
Chennai	18182
Coimbatore	7497
ATR Pollachi	1076
Dindigul	3451
KWLS	1748
Erode	11816
STR-Sathyamangalam	3116
STR- Hassanur	123
Ramanathapuram WLD	10543
Ramanathapuram TD	5469
Salem	1878
Attur	2184
MTR- Udhagamandalam	324
MTR-Masinagudi	257
Nilgiris	689
Gudalur	91
Theni	4699
SMTR- Meghamalai	4694
Tirunelveli	21734
KMTR- Ambasamuthiram	844
KMTR-Kalakkad	1855

DISTRICT WISE MIGRANT BIRD SPECIES RECORDED



136

Total Migrant Bird Species



> 1divisions per district
data– division wise

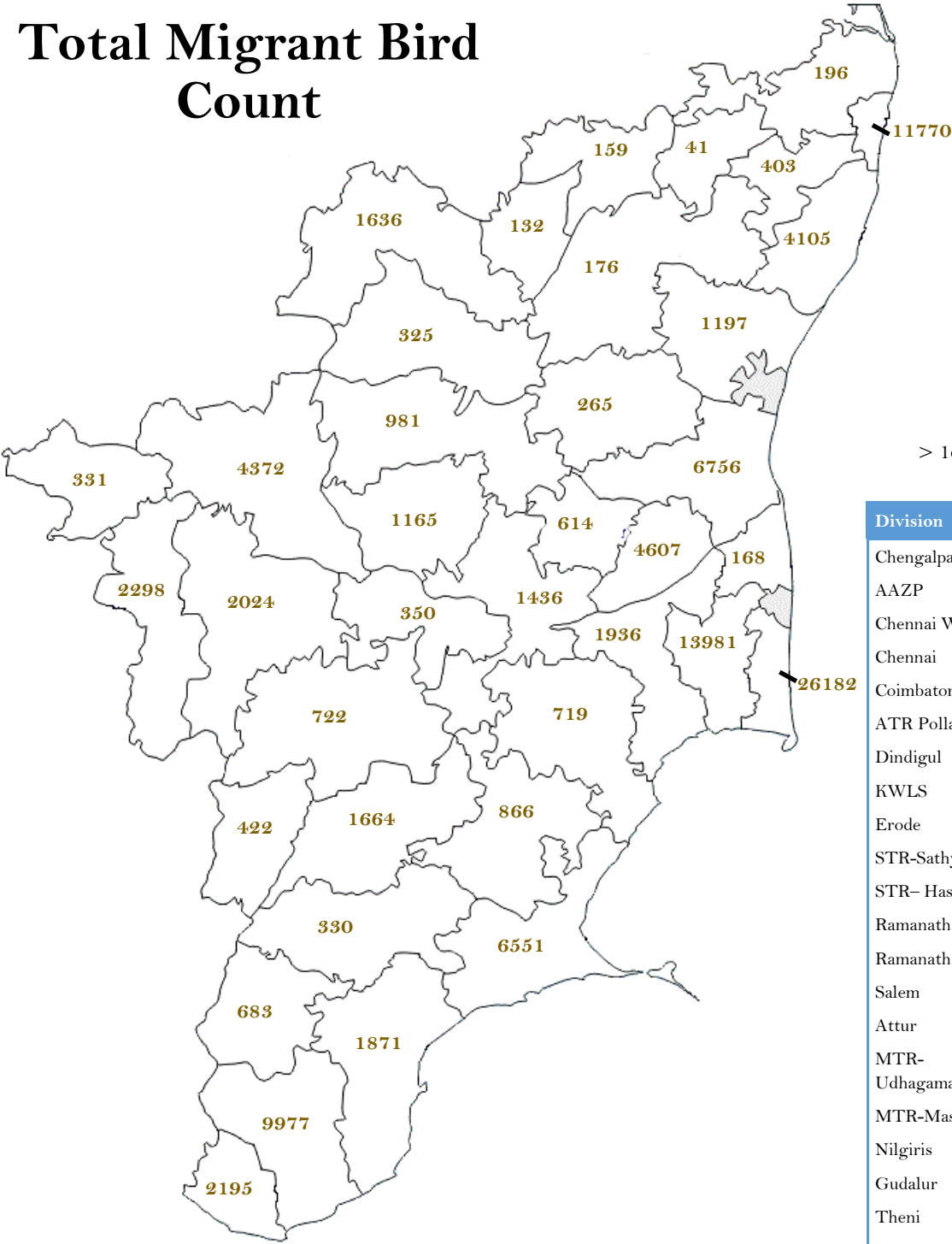
Division	Species
Chengalpattu	45
AAZP	3
Chennai WD	34
Chennai	55
Coimbatore	43
ATR Pollachi	15
Dindigul	26
KWLS	30
Erode	47
STR-Sathyamangalam	51
STR- Hassanur	17
Ramanathapuram WLD	46
Ramanathapuram TD	25
Salem	33
Attur	20
MTR-Udhagamandalam	22
MTR-Masinagudi	4
Nilgiris	4
Gudalur	1
Theni	8
SMTR- Meghamalai	16
Tirunelveli	36
KMTR-Ambasamuthiram	21
KMTR-Kalakkad	11

DISTRICT WISE MIGRANT BIRDS DIRECT COUNTED



113606

Total Migrant Bird
Count



> 1divisions per district
data- division wise

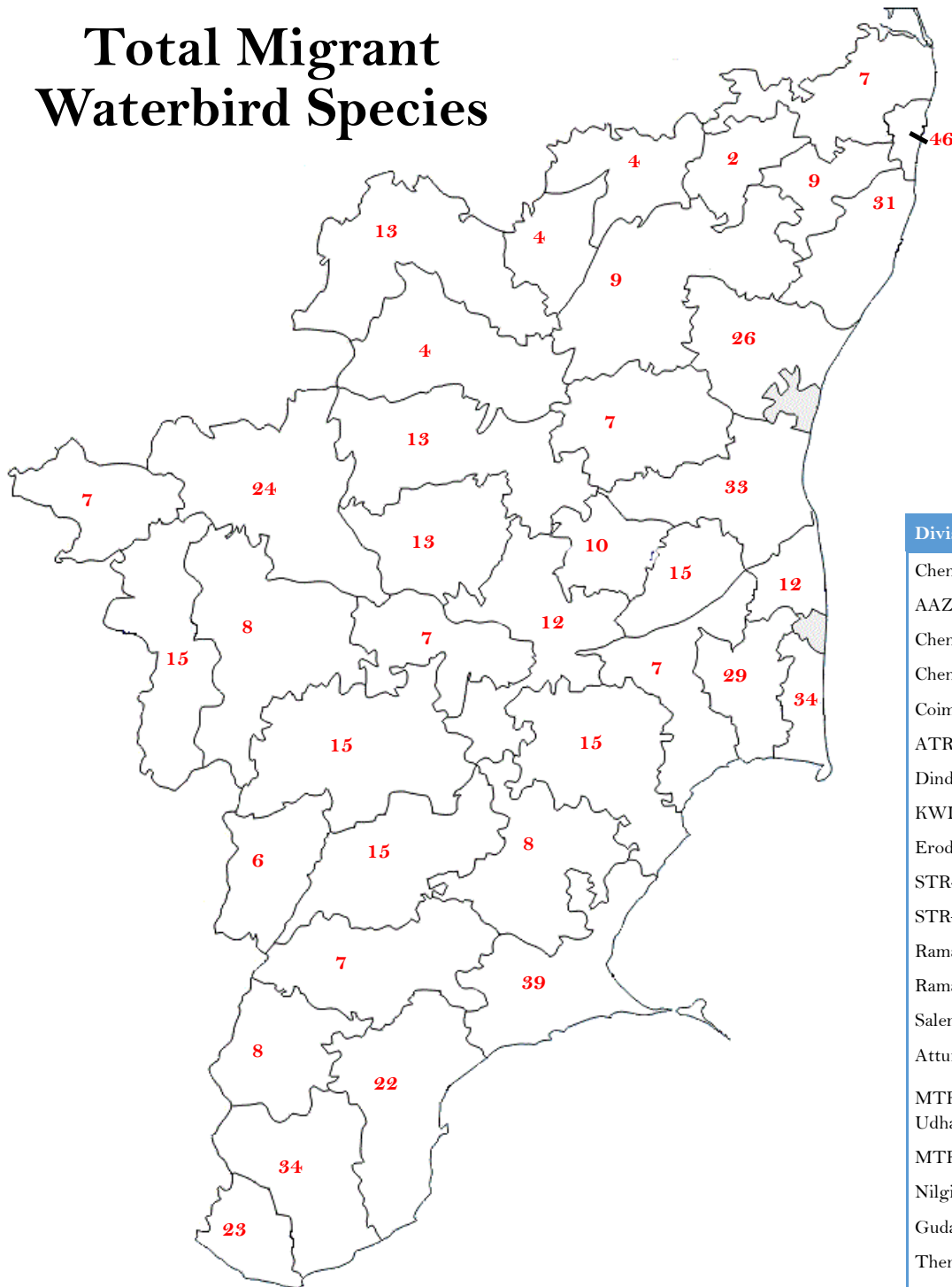
Division	Count
Chengalpattu	4093
AAZP	12
Chennai WD	1841
Chennai	9929
Coimbatore	2118
ATR Pollachi	180
Dindigul	387
KWLS	335
Erode	3033
STR-Sathyamangalam	1268
STR- Hassanur	71
Ramanathapuram WLD	2101
Ramanathapuram TD	4450
Salem	846
Attur	135
MTR-Udhagamandalam	169
MTR-Masinagudi	90
Nilgiris	71
Gudalur	1
Theni	154
SMTR- Meghamalai	268
Tirunelveli	9448
KMTR-Ambasamuthiram	383
KMTR-Kalakkad	146

DISTRICT WISE MIGRANT WATER BIRD SPECIES RECORDED



68

Total Migrant Waterbird Species



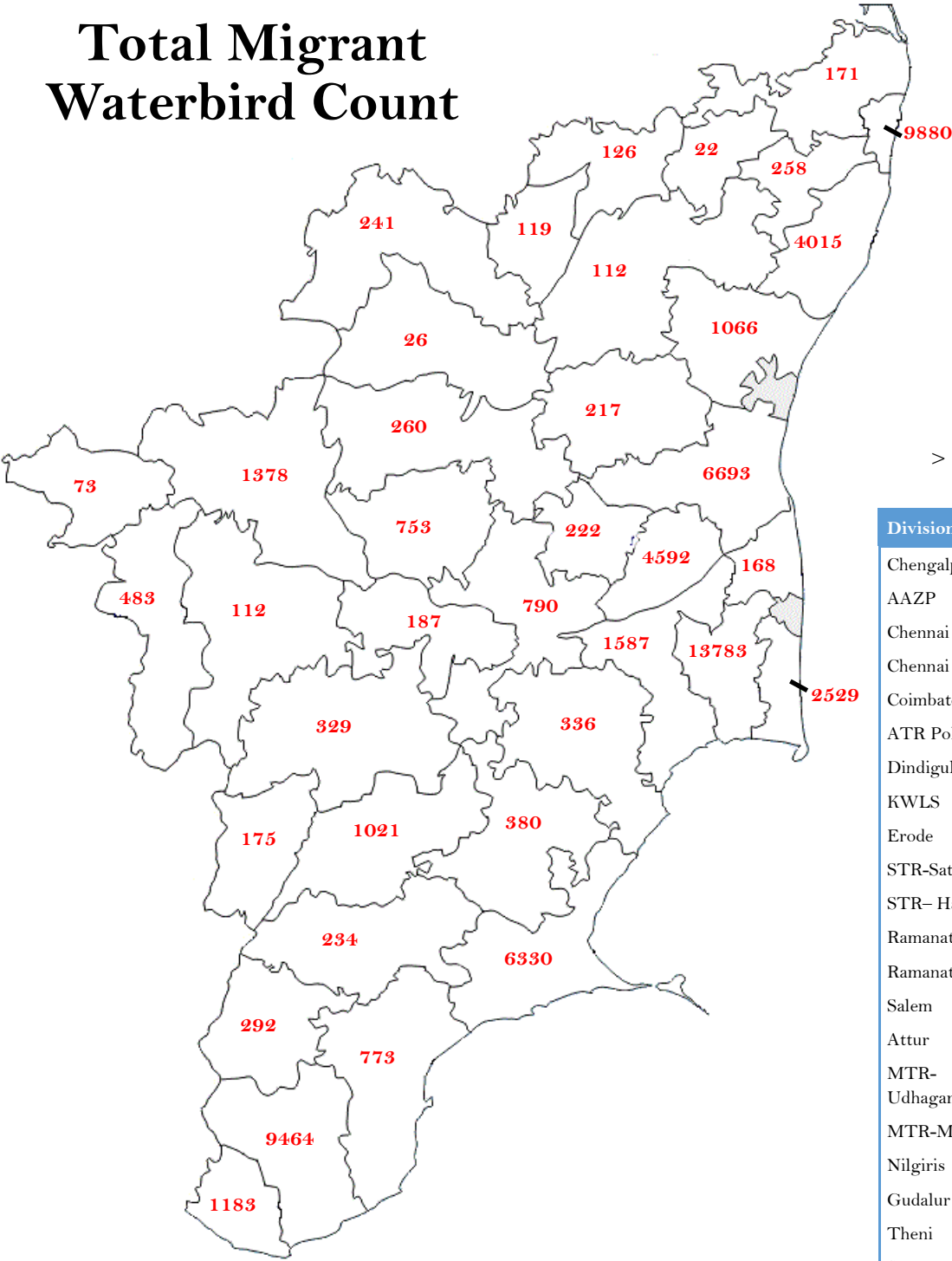
> 1divisions per district
data– division wise

Division	Species
Chengalpattu	31
AAZP	1
Chennai WD	29
Chennai	32
Coimbatore	15
ATR Pollachi	2
Dindigul	13
KWLS	8
Erode	19
STR-Sathyamangalam	16
STR- Hassanur	3
Ramanathapuram WLD	36
Ramanathapuram TD	24
Salem	11
Attur	9
MTR-Udhagamandalam	7
MTR-Masinagudi	3
Nilgiris	3
Gudalur	1
Theni	4
SMTR- Meghamalai	5
Tirunelveli	30
KMTR-Ambasamuthiram	9
KMTR-Kalakkad	6

DISTRICT WISE MIGRANT WATER BIRDS DIRECT COUNTED



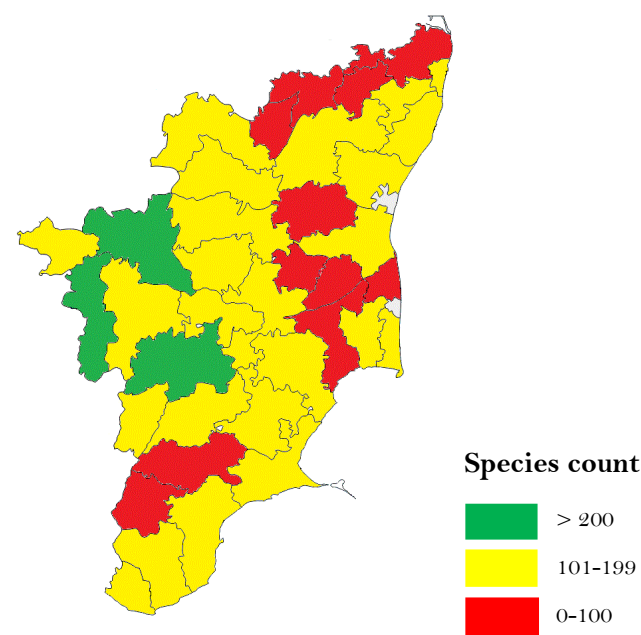
93143
**Total Migrant
Waterbird Count**



> 1divisions per district
data– division wise

Division	Count
Chengalpattu	4008
AAZP	7
Chennai WD	1762
Chennai	8118
Coimbatore	384
ATR Pollachi	99
Dindigul	267
KWLS	62
Erode	1171
STR-Sathyamangalam	197
STR– Hassanur	10
Ramanathapuram WLD	1881
Ramanathapuram TD	4449
Salem	202
Attur	58
MTR-Udhagamandalam	43
MTR-Masinagudi	6
Nilgiris	23
Gudalur	1
Theni	105
SMTR– Meghamalai	70
Tirunelveli	9304
KMTR-Ambasamuthiram	53
KMTR-Kalakkad	107

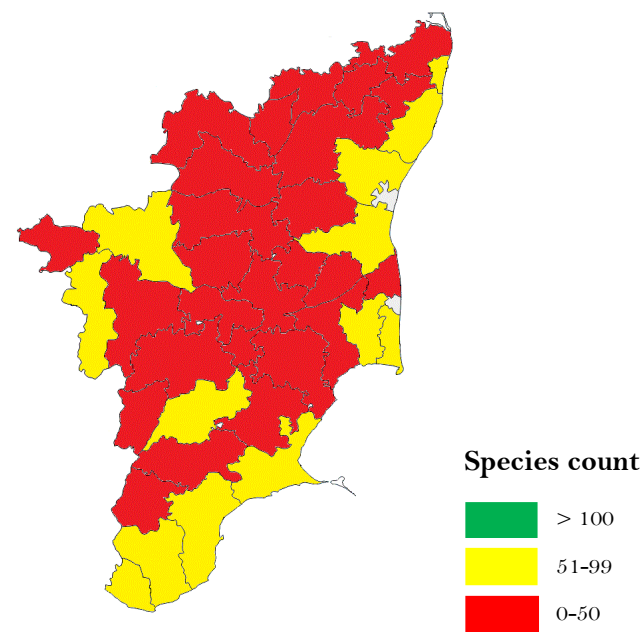
DISTRICT WISE DISTRIBUTION



NUMBER OF BIRDS SPECIES RECORDED

3

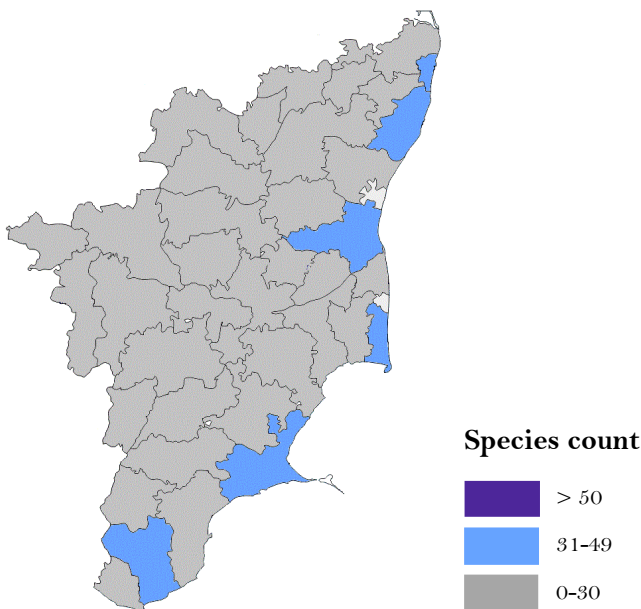
number of districts where bird species sighted is above the healthy mark of 200.



NUMBER OF WATERBIRD SPECIES RECORDED

13

number of districts where waterbird species sighted is between 51-99 mark. Coastal districts reported healthy species count.

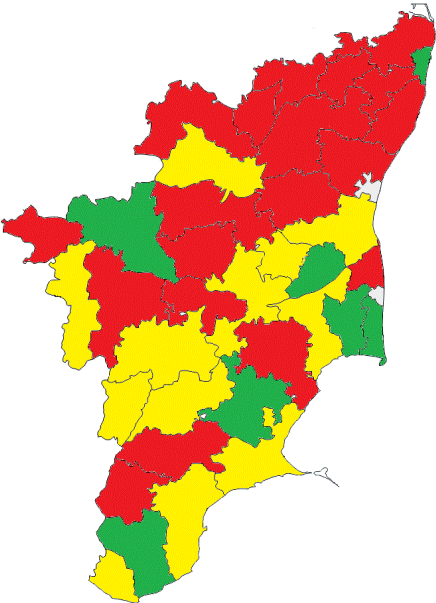


NUMBER OF MIGRANT WATERBIRD SPECIES RECORDED

6

No district has recorded more than 50 species. 6 other coastal districts has recorded healthy number of species.

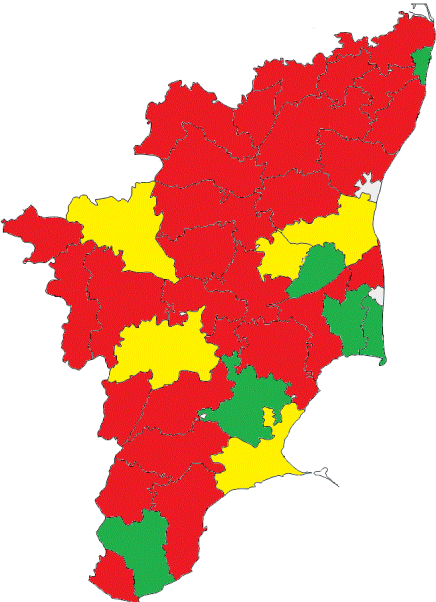
DISTRICT WISE DISTRIBUTION



NUMBER OF BIRDS DIRECT
COUNTED

49%

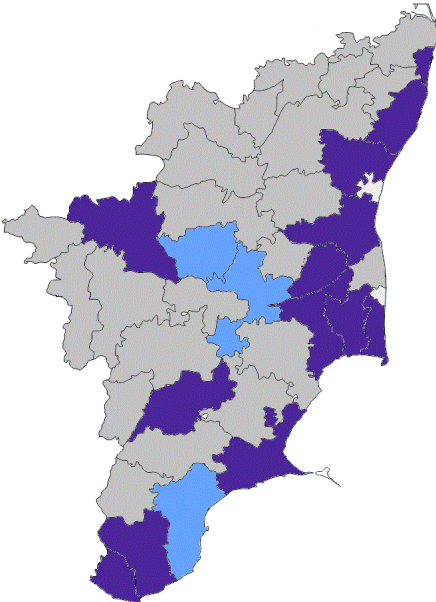
Total bird counts from coastal districts contributed to 49% of total.



NUMBER OF WATERBIRDS DIRECT
COUNTED

56%

Waterbird counts from 6 districts (coastal and near coastal) contributed to 56% of total.



NUMBER OF MIGRANT WATERBIRDS
DIRECT COUNTED

87%

Migrant waterbirds from coastal districts accounted for 87% of birds.

SELECT WETLANDS SURVEYED



Ariyalur Division
Chinnapattakadu



Chengalpattu Dt
Pulleri



Chengalpattu Dt
AAZP-Otteri Lake



Chennai Division
Pallikaranai Marsh



Chennai Wildlife Division
Pulicat Lake



Coimbatore Division
Ukkulam



ATR- Pollachi Division
Upper Aliyar Dam



Cuddalore Division
Pitchavaram



Dharmapuri Division
Naripalli Lake



Dindigul Division
Poolankulam



Erode Division
Vellode



STR Sathyamangalam
Kunderipallam



STR Hassanur
Lagodar Kuttai



Kallakurichi Dt
Vilambavur Lake



Kancheepuram Division
Sriperumbudur



Kanyakumari Division
Thakkar kulam



Karur Division
Mayanur



Hosur Division
Mathigiri



Madurai Division
Paravai



Mayiladuthurai Dt
Pudhupattinam



Nagapattinam Division
Muniappan Lake



Namakkal Division
Thumbalpatti



MTR- Masinagudi
Moyar



MTR-Udhgamandalam
Maravakandi



Nilgiris Division
Katteri



Gudalur Division
Bosspara



Perambalur Division
Senjeri



Pudukkottai Division
Keeranur Range



Ramanathapuram WLS
Kothandaramar Lagoon



Ramanathapuram Territorial
Kallankadu Lagoon



Salem Division
KN Pudur



Sivagangai Division
Kilavanur Kanmai



Thanjavur Division
Thanjavur Range



Theni Division
Senkulam Kanmai



SMTR- Meghamalai
Ottankulam



Thiruvallur Division
Chiteri



Tiruchirappalli Division
Thayanur



Tirunelveli Division
Koonthankulam



KMTR-Ambasamuthiram
Servalar Dam



KMTR-Kalakad
Kodumidayaru Dam



Tirupathur Division
Thekkupattu



ATR- Tiruppur
Nanjarayan Tank



Tiruvannamalai Division
Kappalur Eri



Thiruvarur Division
Karisakadu



Tuticorin Division
Nallur West



Vellore Division
Eriyur



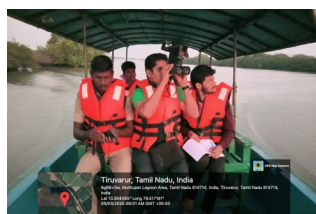
Villupuram Division
Oussudu



SMTR Srivilliputtur
Ramalingapuram

TEAMS IN THE FIELD





ESTIMATE METHODOLOGY

Tamil Nadu Synchronised Bird Estimate for the season 2024-25 (post monsoon) was decided to be conducted in two phases

Phase 1: Wetland birds (both inland and coastal wetlands)

Phase 2: Terrestrial birds (both inside and outside PAs)

Wetland bird estimate was planned to be held on 8th & 9th of March 2025 (a slight delayed estimate for the current year). Training and preparation was planned to be held on 8th March 2025.

It was decided to select up to 25 wetlands per division for the phase 1 of the estimate and the selection criteria suggested is as follows:

Criteria for selection of sites for the long term monitoring of birds in the State of Tamil Nadu

If any areas fulfil either one or more than one following criteria, then that area may be selected for the long-term monitoring of birds of the concerned district. About 20 sites may be chosen for wetland birds and about 20 sites may be chosen for terrestrial birds per district. All transects need to be marked with proper GPS Coordinates.

Water Birds

All Ramsar sites, Wetland Bird Sanctuary/Conservation/Community Reserves of the District

A wetland reported with minimum 30 species of water birds including migratory per year

A wetland reported with minimum 1000 (individuals/day) of water birds including migratory.

Selection criteria for the Phase 2 is as given below:

Terrestrial Birds (including urban areas but outside Protected Areas)

A hotspot that was known for occurrences of more than 100 species of land birds/year and potential to sight minimum 40 species of birds per day. Approximate radius of the location could be around 2 km with considerable vegetation cover (forested areas).

A hotspot of birds that is expected for the occurrences of minimum 2000 individuals of birds within radius of 2 km, with partially or fully covered with vegetation (rural areas).

A hotspot that is expected for the occurrences of minimum 1000 individuals of birds within radius of 2 km without or partially covered with vegetation (urban areas).

Note: Minimum 5 transects in urban, 7 transects in rural areas and 8 transects other areas (forested) need to be laid in each district

Terrestrial Birds (Protected Areas)

All National Parks, Sanctuaries, Conservation and Community reserves (1 transects if PA is < 5 sq.km, 2 transects if PA is 5.1 sq.km to 20 sq.km, 1 transect per 20 sq.km if the area of PA is more than 20 sq.km but maximum of 10 transects per PA). One transect is approximately 2 km long line transect/trial with 10 segments, each segment is 200 m). Preference may be given to well-known bird hotspots inside the PA for the transects as the objective of this surveys to understand the long-term changes in the relative abundances birds.

Tool Kit containing the Protocol for Bird Count including the questionnaire and Data Sheets was shared with all concerned in advance.

The results were collected using google spreadsheet.

TAMIL NADU SYNCHRONISED BIRD ESTIMATE 2025**TAMIL NADU FOREST DEPARTMENT****PHASE 1: WETLANDS BIRDS ESTIMATE****MAR 2025****DATA BOOK**

District Name	
Wetland Name	
Wetland Code	
Wildlife Protected Area / RAMSAR/ IBA/ Others	
District Bird Count Coordinator Name	

Wetland Information

Wetland Code		Wetland Name	
Range (if wetland is within PA/RF/ PF)		Beat (if wetland is within PA/PF/ RF)	
Date		Weather* (Sunny, Cloudy, Rainy, Windy)	
Co-ordinates: Lat.- Log.-		Observation: Start time End time	
Mode of Observation (Foot-F, Vehicle-V, Boat-B)		Distance covered (In km)	
Team:		Team No	
Observers Name	Organisa- tion	Mobile No	Email
1.			
2.			
3.			
4.			

Summary

Total Number of Bird species counted		Total Number of Migratory Bird species counted	
Total Number of Bird Counted		Total Number of Migratory Bird Counted	

1. Wetland Sketch (free drawing) with bund lengths on all possible sides and mark area of observation
2. Wetland Status: Is it a part of National Park/ Wildlife Sanctuary/ Bird Sanctuary / Conservation or Community Reserve/ Tiger Reserve/ Elephant Reserve/ Ramsar Site, IBA, protected by community, Irrigation Tank, Reservoirs, Others:
3. Ownership of Wetland site: (Who owns/controls the site?)
4. Total Area of the Wetland (ha) and Percentage of area covered for bird count (%):
5. Wetland Type (tick appropriate) - Estuaries, coastal mudflats, salt marshes, lagoon, salt pans, rivers, lake, pond, tank, reservoir:
6. Water Level - Wet or dry, if wet then % of water coverage of the wetland:
7. Tidal conditions (only for coastal wetlands): High, Low, rising tide, falling tide:
8. Vegetation cover: % of floating or emergent water plants covering the wetland- Clean, 25%, 50%, 75%, 100%:
9. Vegetation: (Not recorded- A, growing on bank- B, submerged in water-C, floating-leaved rooted-D, emergent-E, free floating-F)
10. Wetland: (Perennial (with water throughout the year) or seasonal:
11. Source of water to the wetland: (Please mention sea, river, stream, rain, others)
12. Wetland used for Agriculture (Yes / No)?
13. Fishing in wetlands (Yes / No):
14. Incidences of Animal / Bird poaching (during count or recent past):

15. Cattle grazing (Yes/ No)?
16. Are birds threatened by feral dogs / cats?
17. Presence of plant Invasive alien species (water hyacinth, *prosopis*, *ipomoea*, etc): Yes or No
18. Presence of invasive alien animal species (African catfish, grass carb, etc): Yes or No
19. Major threats observed for the wetlands

(Pollution by domestic sewage, Pollution by solid waste, Pollution by industrial waste, Pollution by oil, Pollution by pesticides, Pollution by fertilizers, Other pollution, Agriculture along drying margins, Crematorium at/around wetland, Dam/barrage construction, Eutrophication/algal blooms of surface water, Cutting/clearance of aquatic vegetation, Excessive growth of aquatic vegetation, Partial reclamation of wetland, Complete reclamation of wetland, Residential & commercial development encroaching on wetland, Mining (sand, soil), Sedimentation, Excessive tourism/recreation (large number of tourists, disturbing birds, leaving garbage, playing loud music, etc)

20. What are the immediate needs, in your opinion, towards protecting /improving the condition of the spot under survey and also list conservation priorities
21. Feedback from local stakeholders (if any):
22. Water Quality:
Please comment on water quality
23. Soil Quality:
Please comment on soil quality

(PS: Certain number of questions are adapted from Asian Waterbird Census Wetland Assessment Form 2023 if Wetlands International and is duly acknowledged here).

Nocturnal Birds Observation

Note:

The route and location are same as daytime survey route

Safety should be weighed before undertaking the observation especially within protected area

Only Night-Herons, Nightjars, Sri Lankan Frogmouth, Thick-knees, and Owls should be recorded in this exercise.

Date		Time: From		To	
Route Description					
Observers					

S. No	Bird Species	Heard/ Seen	Direct Count
1			
2			
...			
n			

Breeding and Roosting

Note:

Information on detailed breeding and roosting can be provided here, either through direct observation or

S. No	Exact spot Location	Distance from survey spot*	Breeding/ Roosting	Detailed Observation (no of species, major species, species count, etc)

from historic/ recent observations.

