

ANNEXURE VI
FLORA OF KANJIRANKULAM BIRD SANCTUARY

S. No	Family	Species	Tamil Name
1	Amaranthaceae	<i>Achyranthes aspera</i> L.	Nayurivi
2	Arecaceae	<i>Borassus flabellifer</i> L.	Panai
3	Asclepiadaceae	<i>Calotropis gigantea</i> (L.) R.Br.	Erukku
4	Caesalpiniaceae	<i>Senna auriculata</i> (L.) Roxb.	Avaram, Avaarai
5	Caesalpiniaceae	<i>Tamarindus indica</i> L.	Puliya maram
6	Capparidaceae	<i>Cleome viscosa</i> L.	Nai kadugu, Nai vaelai
7	Combretaceae	<i>Terminalia catappa</i> L.	Natvadumai, Naattu Badaam
8	Convolvulaceae	<i>Ipomoea carnea</i> Jacq.	Neivelikatamanakku
9	Cyperaceae	<i>Cyperus arenarius</i> Retz.	
10	Euphorbiaceae	<i>Croton bonplandianum</i> Baill.	Rail poondu
11	Euphorbiaceae	<i>Phyllanthus reticulatus</i> Poir.	Inki pazham
12	Euphorbiaceae	<i>Euphorbia hirta</i> L.	Ammanpacharisi
13	Euphorbiaceae	<i>Tragia involucrata</i> L.	Chenthatti, Kaanjori
14	Euphorbiaceae	<i>Phyllanthus amarus</i> Schum. & Thonn.	Kizha-nelli
15	Euphorbiaceae	<i>Chrozophora rotleri</i> (Geiseler) Juss.	
16	Fabaceae	<i>Alysicarpus monilifer</i> (L.) DC.	
17	Fabaceae	<i>Tephrosia purpurea</i> (L.) Pers.	Kozhinji, Kollukaai vaelai
18	Fabaceae	<i>Pongamia pinnata</i> (L.) Pierre	Punga maram
19	Malvaceae	<i>Abutilon indicum</i> (L.) Sweet	Thuthi, Nalla thuthi
20	Martyniaceae	<i>Martynia annua</i> L.	Thael Kodukku
21	Meliaceae	<i>Azadirachta indica</i> A. Juss.	Vaambu, Vaepam
22	Mimosaceae	<i>Prosopis juliflora</i> (Sw.) Dc.	Seemakkaruvai

23	Mimosaceae	Acacia leucophloea (Roxb.) Willd.	Velvelam
24	Mimosaceae	Acacia nilotica (L.) Willd. ex Del.	Karuvelam
25	Mimosaceae	Acacia planifrons Wight & Arn.	Kodaivelam, Udaimaram
26	Molluginaceae	Glinus oppositifolius (L.) A. DC.	
27	Nyctaginaceae	Boerhavia diffusa L.	Mookarattai
28	Poaceae	Eragrostis viscosa (Retz.) Trin.	
29	Poaceae	Cynodon dactylon (L.) Pers.	Arugam pullu
30	Poaceae	Perotis indica (L.) Kuntze	Narival pullu
31	Rubiaceae	Morinda pubescens J.E. Smith	Manjanatti
32	Sapindaceae	Cardiospermum halicacabum L.	Mudakatthan
33	Scrophulariaceae	Scoparia dulcis L.	Sarakkotthini
34	Solanaceae	Datura innoxia Mill.	Oomatthai
35	Verbenaceae	Phyla nodiflora (L.) Greene	Poduthalai

ANNEXURE VII

ANNOTATED CHECKLIST OF BIRDS IN KANJIRANKULAM SANCTUARY

Common name	Scientific name	Conservation Status	Status in Sanctuary	Migratory Status
Grebes	Podicipedidae			
Little Grebe	<i>Tachybaptus ruficollis</i>	Least Concern	C	R, B
Pelicans	Pelecanidae			
Spot-billed Pelican	<i>Pelecanus philippensis</i>	Near Threatened	C	R,B
Cormorants	Phalacrocoracidae			
Little Cormorant #	<i>Phalacrocorax niger</i>	Least Concern	C	R,B
Great Cormorant	<i>Phalacrocorax carbo</i>	Least Concern		
Darters	Anhingidae			
Darter #	<i>Anhinga melanogaster</i>	Near Threatened	U	R,B
Herons, Egrets & Bitterns	Ardeidae			
Little Egret	<i>Egretta garzetta</i>	Least Concern	C	R,B
Grey Heron	<i>Ardea cinerea</i>	Least Concern	C	R,B
Purple Heron	<i>Ardea purpurea</i>	Least Concern	U	R
Large Egret	<i>Casmerodius albus</i>	Least Concern	U	R,B # M
Median Egret	<i>Mesophoyx intermedia</i>	Least Concern	U	R,B
Cattle Egret	<i>Bubulcus ibis</i>	Least Concern	C	R,B
Indian Pond-Heron	<i>Ardeola grayii</i>	Least Concern	C	R,B
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Least Concern	C	R,B
Yellow Bittern	<i>Ixobrychus sinensis</i>	Least Concern	R	R
Storks	Ciconiidae			
Painted Stork #	<i>Mycteria leucocephala</i>	Near Threatened	C	R,B
Asian Openbill-Stork	<i>Anastomus oscitans</i>	Least Concern	C	R,B
Ibises & Spoonbills	Threskiornithidae			
Oriental White Ibis #	<i>Threskiornis melanocephalus</i>	Near Threatened	C	R,B
Glossy Ibis	<i>Plegadis falcinellus</i>	_	U	R,M
Eurasian Spoonbill	<i>Platalea leucorodia</i>	Least Concern	C	R
Geese & Ducks	Anatidae			

Northern Pintail	<i>Anas acuta</i>	Least Concern	C	M
Common Teal	<i>Anas crecca</i>	Least Concern	U	M
Garganey	<i>Anas querquedula</i>	Least Concern	C	M
Hawks, Eagles, Buzzards, Vultures, Kites, Harriers	Accipitridae			
Black-shouldered Kite	<i>Elanus caeruleus</i>	Least Concern	U	R,B
Black Kite	<i>Milvus migrans</i>	Least Concern	U	R,B
Brahminy Kite	<i>Haliastur indus</i>	Least Concern	U	R,B
Pallid Harrier	<i>Circus macrourus</i>	Least Concern	U	M
Pied Harrier	<i>Circus melanoleucos</i>	Least Concern	U	M
Shikra	<i>Accipiter badius</i>	Least Concern	C	R,B
Falcons	Falconidae			
Common Kestrel	<i>Falco tinnunculus</i>	Least Concern	U	M
Pheasants, Partridges, Quails	Phasianidae			
Grey Francolin	<i>Francolinus pondicerianus</i>	Least Concern	M	R,B
Indian Peafowl	<i>Pavo cristatus</i>	–	C	R,B
Rails, Crakes, Moorhens, Coots	Rallidae			
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Least Concern	C	R,B
Common Coot	<i>Fulica atra</i>	Least Concern	U	R
Lapwings	Charadriidae	Least Concern		
Red-wattled Lapwing	<i>Vanellus indicus</i>	Least Concern	C	R,B
Sandpipers, Stints, Snipes, Godwits & Curlews	Scolopacidae			
Common Snipe	<i>Gallinago gallinago</i>	Least Concern	U	M
Common Greenshank	<i>Tringa nebularia</i>	Least Concern	R	M
Wood Sandpiper	<i>Tringa glareola</i>	Least Concern	U	M
Green Sandpiper	<i>Tringa ochropus</i>	Least Concern	U	R
Little Stint	<i>Calidris minuta</i>	Least Concern	U	M
Ruff	<i>Philomachus pugnax</i>	Least Concern	U	M

Stilts	Recurvirostridae			
Black-winged Stilt	<i>Himantopus himantopus</i>	Least Concern	C	R #M
Gulls & Terns	Laridae			
Whiskered Tern	<i>Chlidonias hybridus</i>	Least Concern	U	M
Pigeons & Doves	Columbidae			
Blue Rock Pigeon	<i>Columba livia</i>	Least Concern	C	R,B
Little Brown Dove	<i>Streptopelia senegalensis</i>	Least Concern	C	R,B
Spotted Dove	<i>Streptopelia chinensis</i>	Least Concern	C	R,B
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	Least Concern	C	R,B
Parakeets	Psittacidae			
Rose-ringed Parakeet	<i>Psittacula krameri</i>	Least Concern	C	R,B
Cuckoos, Malkohas & Coucals	Cuculidae			
Pied Crested Cuckoo	<i>Clamator jacobinus</i>	Least Concern	U	R,B
Brainfever Bird	<i>Hierococcyx varius</i>	Least Concern	C	R,B
Indian Plaintive Cuckoo	<i>Cacomantis passerinus</i>	_	U	P
Asian Koel	<i>Eudynamis scolopacea</i>	Least Concern	C	R,B
Small Green-billed Malkoha	<i>Phaenicophaeus viridirostris</i>	_	U	R,B
Greater Coucal	<i>Centropus sinensis</i>	Least Concern	C	R,B
Barn Owls	Tytonidae			
Barn Owl	<i>Tyto alba</i>	_	U	R,B
Owls	Strigidae			
Spotted Owlet	<i>Athene brama</i>	Least Concern	C	R,B
Nightjars	Caprimulgidae			
Indian Jungle Nightjar	<i>Caprimulgus indicus</i>	_	U	R,B
Common Indian Nightjar	<i>Caprimulgus asiaticus</i>	_	U	R,B
Swifts	Apodidae			
Asian Palm-Swift	<i>Cypsiurus balasiensis</i>	Least Concern	M	R,B

House Swift	<i>Apus affinis</i>	Least Concern	U	R
Kingfishers	Alcedinidae			
Small Blue Kingfisher	<i>Alcedo atthis</i>	Least Concern	U	R,B
White-breasted Kingfisher	<i>Halcyon smymensis</i>	Least Concern	C	R,B
Lesser Pied Kingfisher	<i>Ceryle rudis</i>	Least Concern	U	R,B
Bee-eaters	Meropidae			
Small Bee-eater	<i>Merops orientalis</i>	Least Concern	C	R,B
Blue-tailed Bee-eater	<i>Merops philippinus</i>	Least Concern	C	M
Rollers	Coraciidae			
Indian Roller	<i>Coracias benghalensis</i>	Least Concern	C	R,B
Hoopoes	Upupidae			
Common Hoopoe	<i>Upupa epops</i>	Least Concern	C	R,B
Barbets	Capitonidae			
Brown-headed Barbet	<i>Megalaima zeylanica</i>	Least Concern	U	R
Coppersmith Barbet	<i>Megalaima haemacephala</i>	Least Concern	C	R,B
Woodpeckers	Picidae			
Lesser Golden-backed Woodpecker	<i>Dinopium benghalense</i>	–	C	R,B
Yellow-crowned woodpecker	<i>Dendrocops mahrattensis</i>	–	U	R,B
Pittas	Pittidae			
Indian Pitta	<i>Pitta brachyura</i>	–	C	P
Larks	Alaudidae			
Singing Bush-Lark	<i>Mirafra cantillans</i>	Least Concern	U	R
Ashy-crowned Sparrow-Lark	<i>Eremopterix grisea</i>	Least Concern	C	R
Swallows & Martins	Hirundinidae			
Common Swallow	<i>Hirundo rustica</i>	Least Concern	C	M
Red-rumped Swallow	<i>Hirundo daurica</i>	Least Concern	U	M
Wagtails & Pipits	Motacillidae			
Large Pied Wagtail	<i>Motacilla maderaspatensis</i>	Least Concern	U	R

Forest Wagtail	<i>Dandronanthus indicus</i>	_	C	P
Richard's Pipit	<i>Anthus richardi</i>	Least Concern	C	R
Paddyfield Pipit	<i>Anthus rufulus</i>	Least Concern	C	R,B
Woodshrikes	Campephagidae			
Common Woodshrike	<i>Tephrodornis pondicerianus</i>	_	U	R
Bulbuls	Pycnonotidae			
Red-vented Bulbul	<i>Pycnonotus cafer</i>	Least Concern	C	R,B
Ioras	Irenidae			
Common Iora	<i>Aegithina tiphia</i>	_	U	R
Shrikes	Laniidae			
Brown Shrike	<i>Lanius cristatus</i>	Least Concern	C	M #P
Bay-backed Shrike	<i>Lanius vittatus</i>	_	U	R,B
Thrushes, Robins,	Turdinae			
Oriental Magpie-Robin	<i>Copsychus saularis</i>	Least Concern	C	R,B
Indian Robin	<i>Saxicoloides fulicata</i>	Least Concern	C	R,B
Babblers	Timaliinae			
Common Babbler	<i>Turdoides caudatus</i>	_	U	R,B
White-headed Babbler	<i>Turdoides affinis</i>	_	C	R,B
Prinias, Warblers	Sylviinae			
Jungle Prinia	<i>Prinia sylvatica</i>	_	C	R,B
Ashy Prinia	<i>Prinia socialis</i>	_	C	R,B
Blyth's Reed-Warbler	<i>Acrocephalus dumetorum</i>	Least Concern	M	M
Paddy field Warbler	<i>Acrocephalus Agricola</i>		U	M
Common Tailorbird	<i>Orthotomus sutorius</i>	Least Concern	C	R
Greenish Leaf-Warbler	<i>Phylloscopus trochiloides</i>	Least Concern	C	P
Cisticola	Sylviinae			
Zitting cisticola	<i>Cisticola juncidis</i>		U	R
Flycatchers	Muscicapinae			

Asian Brown Flycatcher	<i>Muscicapa dauurica</i>	_	C	M
Brown-breasted Flycatcher	<i>Muscicapa muttui</i>	_	U	P
Paradise-Flycatchers	Monarchinae			
Asian Paradise-Flycatcher	<i>Terpsiphone paradisi</i>	_	C	M
Flowerpeckers	Dicaeidae			
Tickell's Flowerpecker	<i>Dicaeum erythrorhynchos</i>	_	C	R
Sunbirds	Nectariniidae			
Purple-rumped Sunbird	<i>Nectarinia zeylonica</i>	Least Concern	C	R
Purple Sunbird	<i>Nectarinia asiatica</i>	_	C	R
Loten's sunbird	<i>Nectarinia lotenia</i>		U	R
Munias (Estrildid Finches)	Estrildidae			
White-throated Munia	<i>Lonchura malabarica</i>	_	C	R
Spotted Munia	<i>Lonchura punctulata</i>	_	U	R
Black-headed Munia	<i>Lonchura malacca</i>	Least Concern	U	R
Sparrows	Passerinae			
House Sparrow	<i>Passer domesticus</i>	Least Concern	C	R
Weavers	Ploceinae			
Baya Weaver	<i>Ploceus philippinus</i>	Least Concern	U	R
Starlings & Mynas	Sturnidae			
Brahminy Starling	<i>Sturnus pagodarum</i>	_	C	M
Common Myna	<i>Acridotheres tristis</i>	Least Concern	M	R,B
Rosy Starling	<i>Sturnus roseus</i>	Least Concern	A	M
Orioles	Oriolidae			
Eurasian Golden Oriole	<i>Oriolus oriolus</i>	Least Concern	U	M
Drongos	Dicruridae			
Black Drongo	<i>Dicrurus macrocercus</i>	Least Concern	C	R
Ashy Drongo	<i>Dicrurus leucophaeus</i>	_	C	M
Woodswallows	Artamidae			

Ashy Woodswallow	<i>Artamus fuscus</i>	_	U	R
Crows, Treepies	Corvidae			
Indian Treepie	<i>Dendrocitta vagabunda</i>	Least Concern	C	R
House Crow	<i>Corvus splendens</i>	Least Concern	M	R,B
Jungle Crow	<i>Corvus macrorhynchos</i>	Least Concern	C	R,B

RB= Resident and breeding, R= Resident but breeding not noticed in this area, SM= Local or short distant migrants, W= Wintering Migrants, C=common. UC=uncommon, Ra= Rare, V=vagrant

Source: Dr. Balachandar, BNHS.

Key: Status in Sanctuary

A: Abundant, M: Most Common, C: Common, U: Uncommon, R: Rare, H: Historical records, V: Vagrant

Status	Near- Threatened	Least-Concerned
Abundant	>1000	>5000
Most-Common	>500	>1000
Common	50-500	100-1000
Un-common	10-50	10-100
Rare	<10	<10

Migratory Status: R: Resident, M: Migratory, P: Passage Migrant, B: Breeding

ANNEXURE VIII

CHECK LIST OF MAMMALS, AMPHIBIANS AND REPTILES IN KANJIRANKULAM BIRD SANCTUARY

S. No.	Common name	Scientific name	IUCN Status
Mammals			
1	Indian Grey Mongoose	<i>Herpestes edwardsii</i>	LC
2	Indian Palm Squirrel	<i>Funambulus palmarum</i>	LC
3	Golden Jackal	<i>Canis aureus</i>	VU
4	Black -naped Hare	<i>Lepus nigricollis</i>	LC
5	Bandicoot Rat	<i>Bandicota bengalensis</i>	LC
Reptiles			
1	House Gecko	<i>Hemidactylus frenatus</i>	
2	Spotted Indian Gecko	<i>Hemidactylus brookii</i>	
3	Garden lizard	<i>Calotes versicolor</i>	
4	Green lizard	<i>Calotes calotes</i>	
5	Monitor lizard	<i>Varanus bengalensis</i>	
6	Common Indian Skink	<i>Eutrophis carinata</i>	
7	Olive Keelback	<i>Atretium schistosum</i>	
8	Checkered Keelback	<i>Xenochrophis piscator</i>	
9	Common Vine Snake	<i>Ahaetulla nasuta</i>	
10	Indian Cobra	<i>Naja naja</i>	
11	Indian Black Turtle	<i>Melanochelys trijuga</i>	
Amphibians			
1	Common Indian Toad	<i>Duttaphrynus melanostictus</i>	
2	Ornate Narrow mouthed frog	<i>Microhyla ornata</i>	
3	Common Skittering frog	<i>Euphlyctis cyanophlyctis</i>	