

Great Salt Lake

The Great Salt Lake is between Nemmeli and Kovalam

Lake Survey Number: 170, 171, 172, 250/1A1, 154/1

Section I ; Identification, Location and Jurisdiction

- 1.1 Commonly known as Great Salt Lake (Plate 18).
- 1.2 Villages that surround the wetland include Nemalikuppam, Perur, Nendi, Kalpakkam, Vadandmeli, Therkupattu, Thiruvadanthari, Semancherikappam, Kovalam.
- 1.3 & 1.4 The lake is based in Kancheepuram District of Tamil Nadu state.
- 1.5 The geographic coordinates are Latitude: 12° 37'10.3" N; 12° 39'24.4" N; 12° 42'12.1" N; 12° 44'53.6" N; 12° 47'01.3" N; and Longitude: 080° 11'06.5" E; 080° 11'44.7" E; 080° 12'54.9" E; 080° 13'51.1" E; 080° 14'14.6" E
- 1.6 The wetland is not a Protected Area.
- 1.7 The wetland comes under the jurisdiction of PWD Chennai Region.

Section II: Site Characteristics

- 2.1 Area of the wetland- Based on the GPS coordinates we estimated the area of the wetland as 4122 hectares (Map9.6).
- 2.2 The Wetland type - the wetland belongs to the Natural (inland) category in the sub category Permanent lakes.
- 2.3 Based on the secondary information the average depth is 1.5 meters for the wetland.
- 2.4 The elevation of the wetland is 5 meters (asl).
- 2.5 Water regimes
 - a) The main source of water for the wetland is rainfall, the surrounding runoff form the catchment area.
 - b) The water in the wetland is mostly of permanent nature.
 - c) The water from the wetlands forms a main source for the agriculture lands in the surrounding area. The water also helps in replenishing the groundwater and the overflow goes to the river.
 - d) The pH of the water was observed to be alkaline and recorded up to 8.4.
 - e) The lake has estuarine waters with the salinity recorded at 16.9 ppt at the time of sampling.
 - f) The wetland was observed to be Mesotrophic as the wetland had floating, submergent and emergent vegetation. The wetland does receive domestic sewage form the surrounding villages.
- 2.6 Climatic setting
 - a) Rainfallfor the month of December in Kancheepuram was 68.2 mm.
 - b) The atmospheric temperature was 27.5 °C and the humidity was 64%.
- 2.7 The area of zone of influence is 18990.7 hectares with a fixed buffer area of 2 kms around the wetland (Map 9.7).
- 2.8 The major land use around the wetland comprised of

Grassland 10 %;	Agriculture 5%;
Settlements (rural) 25%;	Urban Settlements 35%;
Industrial 15%;	Forest 0%
- 2.9. The comparison map of the wetland for the years 2003 and 2017 is given in Map 9.6& 9.7.

Section III- Biodiversity

- 3.1 List of Plant species: 54 species of plants were recorded around the wetland during our visit (Table 9.7).
- 3.2 List of animal species: 138 faunal species excluding 4 domestic species were recorded during the survey (Table 9.8a-i).
- 3.3 Species of Conservation importance: Migratory and Common species of birds were observed during the survey with five threatened category birds recorded during our survey (Table 9.8a-i).
- 3.4 Major Plant invasive alien species and extent of invasion: 12 invasive plant species including *Enteromorpha* sp. algae was found along the banks formed nearly 5 % of the vegetation cover in the waters.

- 3.5 Major animal invasive alien species and extent of invasion: no invasive species were recorded. Although there are introduced common carps in the lake the extent of their invasion is not documented and needs a detailed study.

Section IV Ecosystem services

- 4.1 The water from the wetland is marine and used for salt preparation.
- 4.2 Agriculture is undertaken around the wetland in very few locations mostly the area around is used for salt generation.
- 4.3 Fishing is undertaken in the wetland and is a traditional community right.
- 4.4 The wetland is not used for any aquatic food cultivation.
- 4.5 The plants around the wetland are not used for any medicinal purpose.
- 4.6 The wetland is not a site for recreation and is not frequented by nature enthusiast for bird watching.
- 4.7 The wetland plays the primary role of buffering by acting as a sponge during events of floods and extreme rainfall.
- 4.8 It is a major source of ground water recharge.
- 4.9 The wetland acts as a sink for sediments.
- 4.10 The major cultural and religious activities associated with the fisher folk community are performed in the wetland.
- 4.11 The bird enthusiast visit the wetland.
- 4.12 There are no agriculture or plantation activities within the wetland but there are instances of capture culture of fish.
- 4.13 The wetland provides a suitable habitat for birds as we also recorded the local and migratory bird species during our survey.
- 4.14 The wetland supports a fishery.
- 4.15 There was no mining for sand or silt undertaken.

Section V Pre-existing rights and privileges

- 5.1 There is commercial fishing activity and some recreational fishery is undertaken.
- 5.2 Major portion of the water is utilized for salt preparation.
- 5.3 Agriculture is undertaken sporadically around the wetland and not within the wetland.
- 5.4 Grazing by the cattle was observed. Bovines do not use the wetland for drinking the water.
- 5.5 The water is not used for domestic purposes washing of fishing crafts and gears is only undertaken.
- 5.6 The wetland is not used for bathing by live stock.
- 5.7 Religious and cultural functions are performed along the banks of the wetland.

Section VI Present and potential threats

- 6.1 The wetland does not show a major change in the pattern of water inflow and outflow.
- 6.2 There is release of sewage, effluents and solidwaste dumping along the banks of the wetland.
- 6.3 There are agricultural activities around the wetland although at a very low scale.
- 6.4 There are no invasive plant species but the plantation of terrestrial species along the banks is changing the habitat of the wetland.
- 6.5 The wetland has idol immersion while solid waste dumping and encroachment activities are observed to increase.

Section VII Notification Category

The wetland is not included in any of the protection and conservation categories and is below 2500m below Sea level.

Section VIII Activities proposed to be prohibited under Wetlands Rules 2010.

There are developmental activities that are taking place around the wetland that include setting up of new industries, encroachment and agriculture. Moreover, the release of effluents and sewage has to be regulated and treated before it can spoil the wetland.

Section IX Activities proposed to be regulated under Wetlands Rules 2010.

The water from the wetland is majorly used for irrigation by the surrounding wetlands. The cattle also use the wetland for grazing. There is increase in the release of effluents and sewage into the wetland.

Section X Listing of available scientific Resources Reports pertaining to the wetland

Literature available for Great Salt Lake

Dubey D.P. (1996) Rays and ways of Indian Culture. Published by Vijay K Gupta, M.D. Publications Pvt. Ltd, New Delhi. pp. 241.

Mariappan N. and Richard L. (2006) Studies on freshwater prawns of family Atyidae and Palaemonidae from Kanchipuram and Thiruvallur districts, Tamilnadu, India, including one new species of the Genus *Caridina* H. Milne Edwards, 1837. Rec. zool. Surv. India, Occ. Paper No. 243 : 1-80, (Published by the Director, Zool. Surv. India, Kolkata)

Nagalakshmi R. and Prasanna K. (2016) 2015 Flood assessment in Kancheepuram district of Tamil Nadu using GIS Rasayan Journal of Chemistry Vol. 9 (No. 4): 798 - 805

Senthilkumar M., Gnanasundar D. and Sampath Kumar E. (2018) Deciphering Freshwater/Saline Water Interface in and Around Northern Chennai Region, Southern India. In: Saha D., Marwaha S., Mukherjee A. (eds) Clean and Sustainable Groundwater in India. Springer Hydrogeology. Springer, Singapore

Vikas P.A., Sajeshkumar N.K., Thomas P.C. Kajal Chakraborty and Vijayan K. K. (2012) Aquaculture related invasion of the exotic *Artemia franciscana* and displacement of the autochthonous *Artemia* populations from the hypersaline habitats of India Hydrobiologia 684: 129. <https://doi.org/10.1007/s10750-011-0976-x>

Table 9.7: List of Plant species recorded along the Great Salt Lake

S. No	Scientific Name	Common English Name	Local Tamil Name	Family	Native / Alien / Invasive / Exotic	IUCN Category
1	<i>Argemone mexicana</i>	Mexican Prickly Poppy	Kudiyotti	Papaveraceae	Invasive	NA
2	<i>Abelmoschus angulosus</i>	---	KattuSemparuthi	Malvaceae	Native	NA
3	<i>Abutilon indicum</i>	Indian Mallow	Paniyaratutti	Malvaceae	Native	NA
4	<i>Thespesia populnea</i>	Indian tulip tree	Puvarasumaram	Malvaceae	Native	LC
5	<i>Muntingia calabura</i>	Jamaica Cherry	Thenpazham	Muntingiaceae	Exotic	NA
6	<i>Tribulus terrestris</i>	Puncture Vine	Nerunchil	Zygophyllaceae	Invasive	NA
7	<i>Azadirachta indica</i>	Neem tree	Veppamaram	Meliaceae	Native	NA
8	<i>Ziziphus oenoplia</i>	Jackal Jujube	Suraimullu	Rhamnaceae	Native	LC
9	<i>Cissus quadrangularis</i>	Devil's Backbone	Pirandai	Vitaceae	Native	NA
10	<i>Cardiospermum halicacabum</i>	Balloon Vine	Kottavan	Sapindaceae	Native	NA
11	<i>Lannea coromandelica</i>	Indian Ash Tree	Oti	Anacardiaceae	Native	NA
12	<i>Albizia lebbek</i>	Siris Tree, Women's tongue	Siridam	Fabaceae	Native	NA
13	<i>Bauhinia purpurea</i>	Purple orchid tree	Nilattiruvatti	Fabaceae	Native	LC
14	<i>Clitoria ternatea</i>	Butterfly Pea	SanguKannikkodi	Fabaceae	Native	NA
15	<i>Delonix elata</i>	White Gulmohar, White Poincian	Perungondrai, Vadanarayanan	Fabaceae	Native	LC
16	<i>Leucaena leucocephala</i>	Wild Tamarind	Kattupullimaram	Fabaceae	Invasive	NA
17	<i>Pithecellobium dulce</i>	Manilla Tamarind	Kodukkappuli	Fabaceae	Exotic	NA
18	<i>Prosopis juliflora</i>	Algaroba	Seemaikaruvil	Fabaceae	Invasive	NA
19	<i>Senna auriculata</i>	Tanner's Cassia	Avaram	Fabaceae	Native	NA
20	<i>Senna occidentalis</i>	Coffee senna	Nattamtakarai,	Fabaceae	Native	NA
21	<i>Tamarindus indica</i>	Tamarind Tree	Puliyamaram	Fabaceae	Exotic	LC
22	<i>Vachellia nilotica</i>	Gum Arabic	Karuvellaimaram	Fabaceae	Invasive	NA
23	<i>Vigna trilobata</i>	Wild gram, Three lobe leaf		Fabaceae	Native	NA

		cowpea				
24	<i>Terminalia catappa</i>	Indian Almond	Nattuvadumai, Vadumai	Combretaceae	Native	NA
25	<i>Turnerasa bulata</i>	White Alder		Turneraceae	Invasive	NA
26	<i>Cucumis dipsaceus</i>	Hedgehog Cucumber		Cucurbitaceae	Exotic	NA
27	<i>Cucurbita pepo</i>	Pumpkin, Field pumpkin	Poosani	Cucurbitaceae	Native	NA
28	<i>Sesuvium portulacastrum</i>	Sea pursland, Shore pursland	Vankaravacci	Aizoaceae	Native	NA
29	<i>Morinda citrifolia</i>	Great Morinda	Nunamaram	Rubiaceae	Native	NA
30	<i>Eclipta alba</i>	False Daisy		Asteraceae	Native	LC
31	<i>Xanthium strumarium</i>	Common Cocklebur	Marulumattai, Ottarachedi	Asteraceae	Native	NA
32	<i>Calotropis gigantea</i>	Crown Flower	Erukkenchedi	Apocynaceae	Native	NA
33	<i>Nerium oleander</i>	Oleander	Arali	Apocynaceae	Native	LC
34	<i>Pergularia daemia</i>	Pergularia	Uttamani, Seendhalkodi	Apocynaceae	Native	NA
35	<i>Ipomoea carnea</i>	Bush Morning Glory	---	Convolvulaceae	Invasive	NA
36	<i>Merremia marginata</i>	Kidney leaf morning glory	Elikkadhukeerai	Convolvulaceae	Native	LC
37	<i>Datura metel</i>	Datura metel	Devil's Trumpet	Solanaceae	Invasive	NA
38	<i>Datura stramonium</i>	Common Thorn apple	Oomathai	Solanaceae	Native	NA
39	<i>Andrographis echinoides</i>	False waterwillow	Gopuram tangi	Acanthaceae	Native	NA
40	<i>Asystasia gangetica</i>	Ganges Primrose	Mitikirai	Acanthaceae	Native	NA
41	<i>Avicennia marina</i>	Indian Mangrove, White Mangrove	Venkant	Acanthaceae	Native	LC
42	<i>Boerhavia diffusa</i>	Red hogweed	MukaratteKirai	Nyctaginaceae	Native	NA
43	<i>Achyranthes aspera</i>	Prickly Chaff Flower	Aakatam / Nayuruvi	Amaranthaceae	Native	NA
44	<i>Alternanthera ficoidea</i>	Calico Plant		Amaranthaceae	Introduced	
45	<i>Alternanthera pungens</i>	Khaki Weed	Seppunerungi	Amaranthaceae	Invasive	NA
46	<i>Amaranthus viridis</i>	Green Amaranth	Kuppakkeerai	Amaranthaceae	Exotic	NA
47	<i>Ricinus communis</i>	Castor Oil	Aamanakku	Euphorbiaceae	Native	NA
48	<i>Ficus religiosa</i>	Peepal	Arasamaram	Moraceae	Native	NA
49	<i>Eichhornia crassipes</i>	Water Hyacinth	Venkayattamarai	Pontederiaceae	Invasive	NA
50	<i>Borassus flabellifer</i>	Polmyra Palm	Pannaimaram, Thalam	Arecaceae	Native	NA
51	<i>Cocos nucifera</i>	Coconut Tree	Thennamaram	Arecaceae	Native	NA
52	<i>Arundo donax</i>	Giant Reed		Poaceae	Invasive	LC
53	<i>Cynodon dactylon</i>	Bermuda grass, Couch grass		Poaceae	Invasive	NA
54	<i>Setaria verticillata</i>	Bristly Foxtail	Amarippul	Poaceae	Alien	NA

VU - Vulnerable, NT-Near Threatened, LC- Least Concern, NA -Not Assessed

Table 9.8a: List of Insects recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family
1	Brown-spotted locust Grasshopper	<i>Cyrtacantha cristatarica</i>	Acrididae
2	Toothpick Grasshopper	<i>Leptysma marginicollis</i>	Acrididae
3	Common Field Grasshopper	<i>Chorthippus brunneus</i>	Acrididae
4	Mantis Egg	Ootheca	Mantodeae
5	Spittle bug	<i>Clovio sp.</i>	Aphrophoridae
6	Water Strider	<i>Gerris sp.</i>	Gerridae
7	Red Cotton Stainer	<i>Dysdercus cingulatus</i>	Pyrrhocoridae
8	Jewel bug	<i>Chrysocoris stollii</i>	Scutelleridae
9	Transverse lady beetle	<i>Coccinella transversalis</i>	Coccinellidae
10	Blister Beetle	<i>Hycleus sp.</i>	Meloidae
11	Small Dung Beetle	<i>Onthophagus sp.</i>	Scarabaeidae
12	Carpenter Bee	<i>Xylo copalatypes</i>	Apidae
13	Arboreal Bicoloured Ant	<i>Tetraponera rufonigra</i>	Formicidae
14	Golden backed Ant	<i>Camponotus sericeus</i>	Formicidae
15	Bicolour Ant	<i>Meranoplus bicolor</i>	Formicidae
16	Common Godzilla Ant	<i>Camponotus compressus</i>	Formicidae
17	Black and Yellow Mud Dauber Wasp	<i>Sceliphron caementarium</i>	Sphecidae
18	Potter Wasp	<i>Ancistrocerus sp.</i>	Vespidae
19	House fly	<i>Musca domestica</i>	Muscidae

Table 9.8b: List of Diplopoda recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family
1	Yellow Spotted Millipede	<i>Harpaphe haydeniana</i>	Xystodesmidae

Table 9.8c: List of Butterflies recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family	Status
1	Common Rose	<i>Pachliopta aristolochiae</i>	Papilioninae	Common
2	Crimson Rose	<i>Pachliopta hector</i>	Papilioninae	Common
3	Lime Butterfly	<i>Papilio demoleus</i>	Papilioninae	Common
4	Small Grass Yellow	<i>Eurema brigitta</i>	Coliadinae	Common
5	Common Grass Yellow	<i>Eurema hecabe</i>	Coliadinae	Common
6	Common Emigrant	<i>Catopsilia pomona</i>	Coliadinae	Common
7	Mottled Emigrant	<i>Catopsilia pyranthe</i>	Coliadinae	Common
8	Crimson Tip	<i>Colotis danae</i>	Pierinae	Uncommon
9	Small Orange Tip	<i>Colotis etrida</i>	Pierinae	Common
10	Common Wanderer	<i>Pareronia hippia</i>	Pierinae	Common
11	Pioneer	<i>Belenois aurota</i>	Pierinae	Common
12	Common Cerulean	<i>Jamides celeno</i>	Polyommatainae	Common
13	Forget-Me-Not	<i>Catochrysops strabo</i>	Polyommatainae	Common
14	Gram Blue	<i>Euchrysops cnejus</i>	Polyommatainae	Common
15	Blue Tiger	<i>Tirumala limniace</i>	Danainae	Common
16	Striped Tiger	<i>Danaus genutia</i>	Danainae	Common
17	Plain Tiger	<i>Danaus chrysippus</i>	Danainae	Common
18	Common Crow	<i>Euploea core</i>	Danainae	Common
19	Common Evening Brown	<i>Melanitis leda</i>	Satyrinae	Common
20	Tawny Coster	<i>Acraea violae</i>	Acraeinae	Common
21	Joker	<i>Byblia ilithyia</i>	Biblidinae	Common
22	Angled Castor	<i>Ariadne ariadne</i>	Biblidinae	Uncommon
23	Lemon Pansy	<i>Junonia lemonias</i>	Nymphalinae	Common
24	Danaid Eggfly	<i>Hypolimnas misippus</i>	Nymphalinae	Common

Table 9.8d: List of Dragonflies and Damselflies recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family	Status
1	Golden Dartlet	<i>Ischnura aurora</i>	Coenagrionidae	Common
2	Senegal Golden Dartlet	<i>Ischnura senegalensis</i>	Coenagrionidae	Common
3	Pigmy Dartlet	<i>Agriocnemis pygmaea</i>	Coenagrionidae	Common
4	Coromandel Marsh Dart	<i>Ceragrion coromandelianum</i>	Coenagrionidae	Common
5	Ditch Jewel	<i>Brachythemis contaminata</i>	Libellulidae	Common
6	Ruddy Marsh Skimmer	<i>Crocothemis servilia</i>	Libellulidae	Common
7	Ground Skimmer	<i>Diplacodes trivialis</i>	Libellulidae	Common
8	Green Marsh Hawk	<i>Orthetrum sabina</i>	Libellulidae	Common
9	Wandering Glider	<i>Pantala flavescens</i>	Libellulidae	Common

Table 9.8e: List of Arachnida recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family
1	Indian Funnel Web Spider	<i>Agelenopsis sp.</i>	Agelenidae
2	Signature Spider	<i>Argiope anasuja</i>	Arandidae

Table 9.8f: List of Fishes recorded from the Great Salt Lake

S. No	Scientific Name	Common Name	Local Name	Family	Category
1	<i>Cyprinus carpio</i>	Common Carp	Kendai (ValarpuKendai)	Cyprinidae	VU
2	<i>Hypophthalmichthys molitrix</i>	Silver Carp	Vella Kendai	Cyprinidae	NT
3	<i>Channa striata</i>	Striped Snakehead, Butterfish	Viral meen	Channidae	LC
4	<i>Channa punctata</i>	Spotted snakehead	Kuravaimeen	Channidae	LC
5	<i>Etroplus suratensis</i>	Green chromide	Karimeen, Sethameen	Cichlidae	LC
6	<i>Heteropneustes fossilis</i>	Stinging catfish	Thellimeen	Cichlida	LC
7	<i>Macrobrachium rosenbergii</i>	Giant River Prawn	Nander Iraal	Palaemonidae	LC
8	<i>Hyporhamphus limbatus</i>	Half beak	Cola meen	Hemiramphidae	LC
9	<i>Glossogobius giuris</i>	Tank goby	Uluvaimeen	Gobiidae	LC
10	<i>Catla catla</i>	Catla	Korakendai, Catla	Cyprinidae	LC

11	<i>Labeo rohita</i>	Rohu	Rohu, Kannadikendai	Cyprinidae	LC
12	<i>Mystus gulio</i>	Long whiskers catfish	Uppang-keluththi	Bagridae	LC
13	<i>Puntius dorsalis</i>	Long snouted barb	Sal kendai	Cyprinidae	LC
14	<i>Sardinella albella</i>	White Sardinella	Choodai	Clupeidae	LC
15	<i>Uca annulipes</i>	Fiddler crab	Nandu	Ocypodidae	
16	<i>Uca perplexa</i>	Fiddler crab	Nandu	Ocypodidae	
17	<i>Uca pugnax</i>	Atlantic marsh fiddler crab	Nandu	Ocypodidae	

VU - Vulnerable, NT-Near Threatened, LC- Least Concern, NA -Not Assessed

Table 9.8g: List of Reptiles recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family	IUCN Status
1	Common Garden Lizard	<i>Calotes versicolor</i>	Agamidae	Least Concern
2	Common Skink	<i>Mabuya carinata</i>	Scincidae	Least Concern
3	Snake	<i>Xenochrophis sp.</i>	Colubridae	-

Table 9.8h: List of Birds recorded along the Great Salt Lake

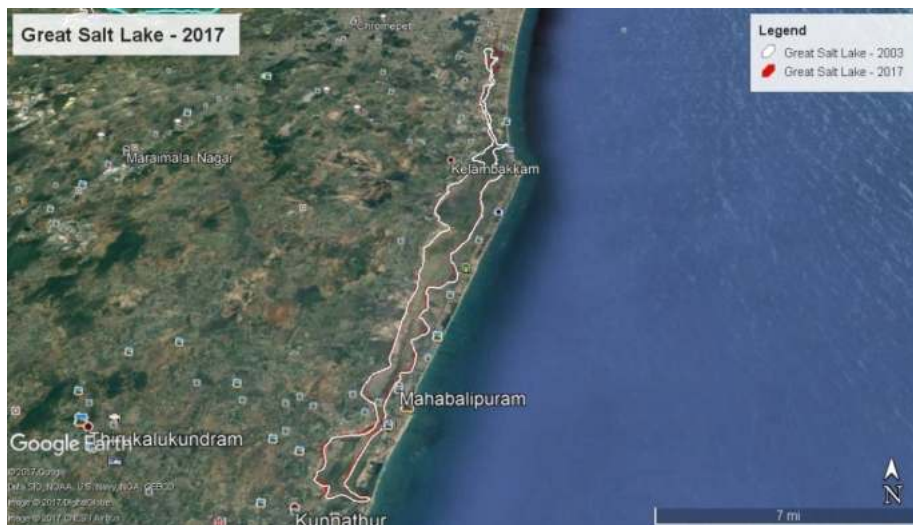
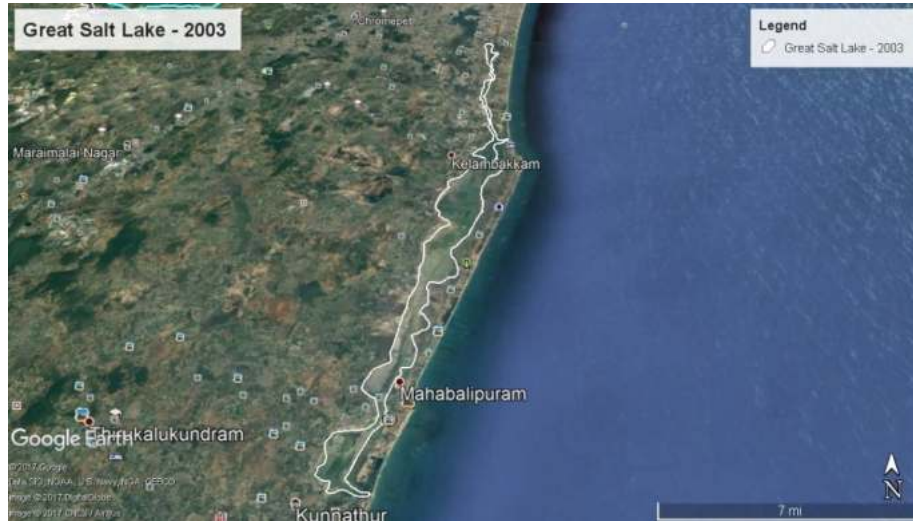
S. No	Common Name	Scientific Name	Family	Category
1	Grey Francolin	<i>Francolinus pondicerianus</i>	Phasianidae	Least Concern
2	Lesser Whistling-duck	<i>Dendrocygna javanica</i>	Anatidae	Least Concern
3	Indian Spot-billed Duck	<i>Anas poecilorhyncha</i>	Anatidae	Least Concern
4	Little Grebe	<i>Tachybaptus ruficollis</i>	Podicipedidae	Least Concern
5	Painted Stork	<i>Mycteria leucocephala</i>	Ciconiidae	Near Threatened
6	Asian Openbill	<i>Anastomus oscitans</i>	Ciconiidae	Least Concern
7	Black-headed Ibis	<i>Threskiornis melanocephalus</i>	Threskiornithidae	Near Threatened
8	Glossy Ibis	<i>Plegadis falcinellus</i>	Threskiornithidae	Least Concern
9	Eurasian Spoonbill	<i>Platalea leucorodia</i>	Threskiornithidae	Least Concern
10	Striated Heron	<i>Butorides striata</i>	Ardeidae	Least Concern
11	Indian Pond Heron	<i>Ardeola grayii</i>	Ardeidae	Least Concern
12	Grey Heron	<i>Ardea cinerea</i>	Ardeidae	Least Concern
13	Purple Heron	<i>Ardea purpurea</i>	Ardeidae	Least Concern
14	Cattle Egret	<i>Bubulcus ibis</i>	Ardeidae	Least Concern
15	Great Egret	<i>Casmerodius albus</i>	Ardeidae	Least Concern
16	Intermediate Egret	<i>Mesophoyx intermedia</i>	Ardeidae	Least Concern
17	Little Egret	<i>Egretta garzetta</i>	Ardeidae	Least Concern
18	Spot-billed Pelican	<i>Pelecanus philippensis</i>	Pelecanidae	Near Threatened
19	Darter	<i>Anhinga melanogaster</i>	Anhingidae	Near Threatened
20	Little Cormorant	<i>Phalacrocorax niger</i>	Phalacrocoracidae	Least Concern
21	Indian Cormorant	<i>Phalacrocorax fuscicollis</i>	Phalacrocoracidae	Least Concern
22	Black Kite	<i>Milvus migrans</i>	Accipitridae	Least Concern
23	Shikra	<i>Accipiter badius</i>	Accipitridae	Least Concern
24	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	Rallidae	Least Concern
25	Purple Swampphen	<i>Porphyrio porphyrio</i>	Rallidae	Least Concern
26	Eurasian Coot	<i>Fulica atra</i>	Rallidae	Least Concern
27	Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Jacanidae	Least Concern
28	Red-wattled Lapwing	<i>Vandllus indicus</i>	Charadriidae	Least Concern
29	Little Ringed Plover	<i>Charadrius dubius</i>	Charadriidae	Least Concern
30	Eurasian Curlew	<i>Numenius arquata</i>	Scolopacidae	Near Threatened
31	Common Redshank	<i>Tringa totanus</i>	Scolopacidae	Least Concern
32	Marsh Sandpiper	<i>Tringa stagnatilis</i>	Scolopacidae	Least Concern
33	Green Sandpiper	<i>Tringa ochropus</i>	Scolopacidae	Least Concern
34	Wood Sandpiper	<i>Tringa glareola</i>	Scolopacidae	Least Concern
35	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Laridae	Least Concern
36	Caspian Tern	<i>Hydroprogne caspia</i>	Laridae	Least Concern
37	Gull-billed Tern	<i>Gelochelidon nilotica</i>	Laridae	Least Concern
38	Rose-ringed Parakeet	<i>Psittacula krameri</i>	Psittacidae	Least Concern
39	Asian Koel	<i>Eudynamis scolopaceus</i>	Cuculidae	Least Concern
40	Southern Coucal	<i>Centropus (sinensis) parroti</i>	Cuculidae	Least Concern
41	Asian Palm Swift	<i>Cypsiurus balasiensis</i>	Apodidae	Least Concern
42	Indian Roller	<i>Coracias benghalensis</i>	Coraciidae	Least Concern
43	White-throated Kingfisher	<i>Halcyon smyrnensis</i>	Alcedinidae	Least Concern
44	Common Kingfisher	<i>Alcedo atthis</i>	Alcedinidae	Least Concern
45	Pied Kingfisher	<i>Ceryle rudis</i>	Alcedinidae	Least Concern

46	Blue-tailed Bee eater	<i>Merops philippinus</i>	Meropidae	Least Concern
47	Green Bee-eater	<i>Merops orientalis</i>	Meropidae	Least Concern
48	House Crow	<i>Corvus splendens</i>	Corvidae	Least Concern
49	Barn Swallow	<i>Hirundo rustica</i>	Hirundinidae	Least Concern
50	Ashy Prinia	<i>Prinia socialis</i>	Cisticolidae	Least Concern
51	Common Tailorbird	<i>Orthotomus sutorius</i>	Cisticolidae	Least Concern
52	Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>	Acrocephalidae	Least Concern
53	Yellow-billed Babbler	<i>Turdoides affinis</i>	Timaliinae	Least Concern
54	Common Myna	<i>Acridotheres tristis</i>	Sturnidae	Least Concern
55	Purple-rumped Sunbird	<i>Leptocoma zeylonica</i>	Nectariniidae	Least Concern
56	Scaly-breasted Munia	<i>Lonchura punctulata</i>	Estrildidae	Least Concern
57	White-browed Wagtail	<i>Motacilla maderaspatensis</i>	Motacillidae	Least Concern
58	Paddyfield Pipit	<i>Anthus rufulus</i>	Motacillidae	Least Concern

Table 9.8i: List of Mammals recorded along the Great Salt Lake

S. No	Common Name	Scientific Name	Family	Category
1	Dog	<i>Canis lupus familiaris</i>	Canidae	Domestic
2	Cattle	<i>Bos taurus</i>	Bovidae	Domestic
3	Goat	<i>Capra aegagrus hircus</i>	Bovidae	Domestic
4	Water Buffalo	<i>Bubalus bubalis</i>	Bovidae	Domestic
5	Indian Palm Squirrel	<i>Funambulus palmarum</i>	Sciuridae	Least Concern

Map 9.6: Comparative Google imagery for Great Salt Lake



Map 9.7: The zone of influence around the Great Salt Lake.

