**Annex U: Checklist of endemic and globally threatened animal species recorded from Project landscape and seascape and their representation in the three Trial Landscapes**

***Sri Lankan endemic and globally threatened animal species recorded from the Project Landscape***

END – Endemic; IND – Indegenous; CR – Critically Endnagrered; EN – Endnagrered; VU – Vulnerable; NT – Near Threatened; LC – Least Concerned; NE – Not Evaluated; N/A – Not Applicable.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ODONATES** |  |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Cholorocyphidae | *Libellago adami* |  |  | Adam's Gem | **END** |  | VU | NE | √ |  |  |
| Protoneuridae | *Prodasineura sita* |  |  | Stripe-headed Threadtail | **END** |  | LC | NE | √ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **BUTTERFLIES** |  |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Pieridae | *Appias galane* | Kuda sudana |  | Sri Lanka albatross | **END** |  | LC | NE | √ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **FRESHWATER FISH** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Claridae | *Clarias brachysoma* | Magura |  | Walking catfish | **END** |  | NT | NE | √ |  |  |
| Cyprinidae | *Dawkinsia singhala* | Dankola Pethiya |  | Filamented Barb | **END** |  | LC | NE | √ | √ |  |
| Cyprinidae | *Esomus thermoicos* | Revul Dandiya |  | Flying barb / Bearded rasbora | **END** |  | LC | LC | √ |  |  |
| Cyprinidae | *Garra ceylonensis* | Gal panderuwa / Gal Pandiya |  | Stone sucker | **END** |  | VU | NE |  | √ |  |
| Cyprinidae | *Horadandia atukorali* | Horadandiya |  | Horadandia | **END** |  | VU | LC |  | √ |  |
| Cyprinidae | *Labeo lankae* | Thambalaya / Thambala vanna |  | Orange fin labeo | **END** |  | CR | **CR** |  | √ |  |
| Cyprinidae | *Laubuka lankensis* | Lanka karaedaya |  | Lanka labuca | **END** |  | VU | NE |  | √ |  |
| Cyprinidae | *Pethia melanomaculata* | Depulliya / Tithpethiya |  | Tic tac-toe barb | **END** |  | VU | NE | √ | √ |  |
| Cyprinidae | *Puntius thermalis* | Kota Pethiya |  | Swamp barb | **END** |  | LC | NE |  | √ |  |
| Siluridae | *Ompok ceylonensis* | Walapoththa / Kokussa |  | Dryzone Butter catfish | **END** |  | DD | NE | √ | √ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **AMPHIBIANS** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Microhylidae | *Microhyla mihinthalai* | Ratu muwapatu madiya |  | Red narrow mouth frog | **END** |  | LC | NE | √ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **REPTILES** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Agamidae | *Sitana devakai* | Devakage talikatussa / Vali katussa |  | Devaka's Fanthroat lizard | **END** |  | VU | NE |  | √ | √ |
| Crocodylidae | *Crocodylus palustris* | Gata kimbula |  | Saltwater crocodile / Estuarine crocodile | IND |  | EN | **VU** | √ | √ |  |
| Gekkonidae | *Hemidactylus depressus* | Hali gehuna |  | Kandyan gecko | **END** |  | LC | LC | √ | √ |  |
| Natricidae | *Xenochrophis asperrimus* | Diya polonga / Diya bariya |  | The checkered keelback | **END** |  | LC | NE | √ | √ |  |
| Natricidae | *Xenochrophis cf. piscator* | Diya bariya |  | Checkered Keelback | **END** |  | LC | NE | √ | √ |  |
| Scincidae | *Eutropis madaraszi* | Pulli hikanala |  | Spotted skink | **END** |  | VU | NE |  | √ | √ |
| Scincidae | *Lankascincus fallax* | Sulaba lakhiraluva |  | Common lankaskink | **END** |  | LC | NE | √ | √ |  |
| Testudinidae | *Geochelone elegans* | Mevara ibba/ Taraka ibba |  | Indian star tortoise | IND |  | NT | **VU** | √ | √ |  |
| Trionychidae | *Lissemys ceylonensis* | Kiri ibba |  | Flapshell turtle | **END** |  | LC | NE | √ | √ | √ |
| Viperidae | *Trimeresurus trigonocephalus* | Pala polonga |  | Green pit viper | **END** |  | LC | NE | √ |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **BIRDS** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Bucerotidae | *Ocyceros gingalensis* | Sri Lanka Alu Kandaththa | Elangai narai iratchai konduk kuruvi | Sri Lanka Grey Hornbill | **END** |  | LC | LC | √ | √ |  |
| Ciconiidae | *Ciconia episcopus* | Padili Manawa | Venkaluththu narai | Asian Woollyneck Stork | BrR |  | NT | **VU** | √ | √ |  |
| Columbidae | *Treron pompadora* | Sri Lanka Batagoya | Samba netri pachchai pura | Sri Lanka Green-pigeon | **END** |  | LC | LC | √ | √ | √ |
| Hirundinidae | *Cecropis hyperythra* | Sri Lanka Laklihiniya | Sivanthapitta thahaivilan | Sri Lanka Swallow | **END** |  | LC | LC | √ | √ |  |
| Megalaimidae | *Psilopogon rubricapillus* | Sri Lanka Kottoruwa | Sennetri kukkuravan | Sri Lanka Barbet | **END** |  | LC | LC | √ | √ |  |
| Phasianidae | *Gallus lafayettii* | Sri Lanka Vali-kukla | Neela mayil | Sri Lanka Junglefowl | **END** |  | LC | LC | √ | √ |  |
| Picidae | *Dinopium Psarodes* | Sri Lanka Ginipita Pili-karela |  | Lesser Sri Lanka Flameback | **END** |  | LC | LC | √ |  |  |
| Pycnonotidae | *Pycnonotus melanicterus* | Sri Lanka Kalu Isasi Kondaya | Karankondai chinnaan | Sri Lanka Black-capped Bulbul | **END** |  | LC | LC | √ | √ |  |
| Scolopacidae | *Calidris pygmaea* | Handi Hota Hinna |  | Spoon-billed Sandpiper | Va |  | NE | **CR** |  |  | √ |
| Scolopacidae | *Calidris tenuirostris* | Mahanott Hinna |  | Great Knot | WV |  | NE | **EN** |  |  | √ |
| Timalidae | *Pomatorhinus melanurus* | Sri Lanka Da-demalichcha | Elangai koduvaal valaikarakkuruvi | Sri Lanka Scimitar-babbler | **END** |  | LC | LC | √ | √ |  |
| Vangidae | *Tephrodornis affinis* | Sri Lanka Wana-saratiththa | Kattukeechchan | Sri Lanka Wood-shrike | **END** |  | LC | LC | √ | √ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **MAMMALS** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Cercopithecidae | *Macaca sinica* | Sri Lanka Rilawa |  | Sri Lanka toque monkey | **END** |  | LC | **EN** | √ | √ | √ |
| Cercopithecidae | *Semnopithecus vetulus* | Sri Lanka Kalu-wandura |  | Purple-faced leaf monkey | **END** |  | EN | **EN** |  | √ |  |
| Cervidae | *Rusa unicolor* | Gõna |  | Sambur | IND |  | NT | **VU** | √ | √ |  |
| Elephantidae | *Elephas maximus* | Etha / Aliya |  | Elephant | IND |  | EN | **EN** | √ | √ | √ |
| Felidae | *Prionailurus viverrinus* | Handun Diviya |  | Fishing cat | IND |  | EN | **VU** | √ | √ | √ |
| Tragulidae | *Moschiola meminna* | Sri Lanka Meminna |  | Sri Lanka mouse-deer | **END** |  | LC | LC | √ | √ | √ |
| Ursidae | *Melursus ursinus* | Walaha |  | Sloth bear | IND |  | EN | **VU** |  |  | √ |
| Viverridae | *Paradoxurus stenocephalus* | Sri Lanka Ran Hothambuva |  | Golden Dryzone palm civet | **END** |  | EN | NE | √ |  |  |

***Globally threatened marine animal species recorded from the Project seascape***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MARINE MAMMALS** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Dugongidae | *Dugong dugong* | Muhudu Ura | Kadal Pandi / Avariya | Sea cow | IND | N/A | NE | VU |  |  | x |
| Physeteridae | *Physeter macrocephalus* | Komada | Vinthu thimingilam | Sperm whale\*\* | IND | N/A | NE | VU |  |  | x |
| Balaenopteridae | *Balaenoptera musculus* | Nil thalmaha | Neelath thimingilam | Blue whale\*\* | IND | N/A | NE | EN |  |  | x |
| Delphinidae | *Sousa plumbea* | Kabara mulla | Koon Muthuku oonjia | Indian Ocean Humpback Dolphin | IND | N/A | NE | EN |  |  | x |
| Phocoenidae | *Neophocaena phocaenoides* | Avaral | Minikutty | Indo Pacific Finless Porpoise | IND | N/A | NE | VU |  |  | x |

\*\*Although included here, these species mostly occupy the seascape beyond the 10m depth cpntour, which we have used as the western limit of the Trial Landscape 3.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MARINE FISH** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Labridae | *Cheilinus undulatus* | Walaha |  | Humphead wrasse | IND | N/A | NE | EN |  |  | x |
| Stegostomatidae | *Stegosoma fasciatum* |  | Corrungan sorrah | Zebra/Leopard shark | IND | N/A | NE | VU |  |  | x |
| Rhincodontidae | *Rhincodon typus* | Minimuthu mora | Pulliudumban sravu | Whale shark | IND | N/A | NE | VU |  |  | x |
| Pristidae | *Pristis zijsron* | Dathi mora | Vella-sorrah | Green sawfish | IND | N/A | NE | CR |  |  | x |
| *Anoxypritis cuspidatus* | Dathi mora | Velamee | Narrow sawfish | IND | N/A | NE | EN |  |  | x |
| *Pristis microdon* | Illipara vellava | Valameen | Large tooth sawfish | IND | N/A | NE | CR |  |  | x |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MARINE REPTILES - SEA TURTLES** | |  |  |  |  |  |  |  |  |  |  |
| **Family** | **Species** | **Common Name** | | | **Origin** | **IAS** | **NCS** | **GCS** | **Trial Landscape** | | |
| **Sinhala** | **Tamil** | **English** | **1** | **2** | **3** |
| Cheloniidae | *Chelonia mydas* | Gal Kesbewa | Perr amai | Green turtle | IND |  |  | EN |  |  | x |
| Cheloniidae | *lepidochelys olivacea* | Mada kesbewa | Kanga matteya | Olive Ridley | IND |  |  | VU |  |  | x |
| Cheloniidae | *Eretmochelys imbricata* | Pothukesbewa | Alnuk amai | Hawksbill | IND |  |  | CE |  |  | x |

**CORALS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Family** | Species |  | **NCS** | **GCS** | **Trial Landscape** | | |
| 1 | 2 | 3 |
| Acroporidae | *Acropora aculeus* |  | NE | VU |  |  | x |
| Acroporidae | *Acropora acuminata* |  | NE | VU |  |  | x |
| Acroporidae | *Acropora anthocercis* |  | NE | VU |  |  | x |
| Acroporidae | *Acropora hemprichii* |  | NE | VU |  |  | x |
| Acroporidae | *Acropora solitaryensis* |  | NE | VU |  |  | x |
| Acroporidae | *Acropora verweyi* |  | NE | VU |  |  | x |
| Poritidae | *Alveopora verriliana* |  | NE | VU |  |  | x |
| Euphyllidae | *Euphyllia ancora* |  | NE | VU |  |  | x |
| Oculinidae | *Galaxea cf astreata* |  | NE | VU |  |  | x |