**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 |