

Threatened Species of the Mary River Catchment

Mary River Cod - *Maccullochella peelii mariensis*

- Status – Endangered (Environmental Protection and Biodiversity Conservation Act 1999)
Habitat – Deep slow flowing pools with overhanging vegetation or rocks.
Threats – Removal of logs from waterways, siltation and illegal fishing.

Mary River Turtle - *Elusor macrurus*

- Status – Endangered (Queensland Nature Conservation Wildlife Regulation 1994)
Habitat – Occurs only in the Mary River catchment, in deep water holes and undisturbed slow flowing sections with partially submerged rocks and logs on which to bask.
Threats – Loss of riparian vegetation, decreased water quality, changes in water flow, erosion and siltation, disturbance of eggs.

Queensland lungfish *Neoceratodus forsteri*

- Status - Vulnerable (Environmental Protection and Biodiversity Conservation Act 1999)
Habitat - Endemic to only the Mary and Burnett river systems. Prefers slow flowing deep pools with riparian vegetation.
Threats - Removal of riparian vegetation, siltation and impoundments.

Oxleyan pygmy perch (fish) – *Nannoperca oxleyana*

- Status - Rare (Queensland Nature Conservation Wildlife Regulation 1994)
Habitat - Found in coastal waterways (streams, lagoons) in wallum environment. Prefer presence of macrophytes and sedges.
Threats - Land clearing and coastal development have reduced suitable habitats. Increased nutrients and weed growth also reduce habitat suitability.

Giant barred-frog - *Mixophyes iterates*

- Status - Endangered (Queensland Nature Conservation Wildlife Regulation 1994)
Habitat - Rocky and deep, slow-moving streams with good riparian vegetation.
Threats - Tree clearing, fungal disease.

Cascade treefrog - *Litoria pearsoniana*

- Status – Vulnerable (Queensland Nature Conservation Wildlife Regulation 1994)
Habitat - Found in low vegetation within 1 – 2 m of wet forest streams in ranges of south-east Qld.
Threats- Loss of riparian vegetation, fungal disease

Tusked frog - *Adelotus brevis*

Status - Vulnerable (Queensland Nature Conservation Wildlife Regulation 1994)

Habitat - Rainforests, dry forests near streams and ponds, farming areas where creek banks are free from grazing.

Threats - Tree clearing, fungal disease.

Giant spiny crayfish *Euastacus hystriacus*

Status - Vulnerable (International Union of Conservation of Nature and Natural Resources 2000)

Habitat - Upland rainforest and wet sclerophyll streams.

Threats - Habitat loss and feral animal disturbance.

Illidge's ant-blue butterfly - *Acrodipsas illidgei*

Status - Vulnerable (Queensland Nature Conservation Wildlife Regulation 1994)

Habitat - Mostly Grey mangroves along coast between Mary and Brunswick River estuaries.

Threats – Mangrove loss due to coastal development.

Richmond birdwing butterfly - *Ornithoptera richmondia*

Status - Vulnerable (Queensland Nature Conservation Wildlife Regulation 1994)

Habitat - Rainforest environments containing *Pararistolochia* vines on which its eggs are laid.

Threats - Clearing of coastal rainforests where the exotic weed Dutchmans pipe is mistakenly used to lay eggs on. Toxins in the plant kill young caterpillars.

Coxen's fig-parrot - *Cyclopsitta diophalmacoxeni*

Status - Endangered (Queensland Nature Conservation Wildlife Regulation 1994)

Habitat - Various forest types with an abundance of fig trees.

Threats - Tree clearing, habitat fragmentation.

Water mouse - *Xeromys myoides*

Status – Rare (Queensland Nature Conservation Wildlife Regulation 1994)

Habitat - Tidal zones. Requires mangroves in which to feed and nearby reedbeds and salt marshes above high tide for burrows.

Threats - Coastal development, predation by domestic pets and feral animals.

You can help protect our threatened species

- **Don't pollute waterways**
- **Revegetate with local native plants**
- **Leave near stream vegetation intact**
- **Don't release non-local fauna species in waterways**
- **Control weeds, early is best**
- **Waterways are sensitive to impacts by livestock**
- **Barriers to flow are barriers to fish**