

Threatened Fauna of the Mary River Catchment

Take steps to protect waterway fauna



Photo courtesy of John Cann

Mary River turtle
Elusor macrurus
Endangered (EPBC 1999)
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.



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Water mouse
Xeromys myoides
Rare (NCA 1992)
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.



Photo - Eva Ford, MRCCC

Giant barred-frog
Mixophyes iteratus
Endangered (EPBC 1999)
Habitat: Rocky and deep, slow-moving streams with good riparian vegetation.
Threats: Tree clearing, fungal disease



Photo - Eva Ford, MRCCC

Cascade treefrog
Litoria pearsoniana
Endangered (NCA 1992)
Habitat: Found in low vegetation within 1-2 m of wet forest streams in ranges of south-east Queensland.
Threats: Fungal disease, loss of riparian vegetation.

Don't pollute waterways

Revegetate with local native plants



Photo courtesy of Kathie Atkinson

Don't release non-local fauna species in waterways

Control weeds - early is best



Image courtesy of Sally Elmer, technical info. by John Young

Coxen's fig-parrot
Cyclopsitta diophthalma coxeni
Endangered (EPBC 1999)
Habitat: Various forest types with an abundance of fig trees.
Threats: Tree clearing, habitat fragmentation

Queensland lungfish
Neoceratodus forsteri
Vulnerable (EPBC 1999)
Habitat: Endemic to the Mary and Burnett River systems only particularly slow flowing and still water. Eggs and young need macrophyte beds.
Threats: Removal of riparian vegetation, impoundments, siltation.



Photo - Eva Ford, MRCCC

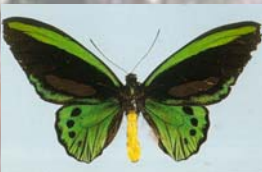
Tusked frog
Adelotus brevis
Vulnerable (NCA 1992)
Habitat: Rainforests, dry forests near streams and ponds, farming areas where creek banks are free from grazing.
Threats: Tree clearing, fungal diseases.

Waterways are sensitive to impacts by livestock

Leave near-stream vegetation intact

Barriers to flow are barriers to fish

Richmond birdwing butterfly
Ornithoptera richmondia
Vulnerable (NCA 1992)
Habitat: Rainforest environments containing *Pararistolochia pravenosa* vines on which its eggs are laid.
Threats: Clearing of lowland rainforests. The exotic weed Dutchman's pipe is mistakenly used to lay eggs on; toxins in the plant kill young caterpillars.



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Photo courtesy of Gunther Schimda

Oxleyan pygmy perch
Nannoperca oxleyana
Endangered (EPBC 1999)
Habitat: Found in coastal waterways (streams, lagoons) in wallum environments. 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.



Photo courtesy of Gunther Schimda

Mary River cod
Maccullochella peelii mariensis
Endangered (EPBC 1999)
Habitat: Deep slow flowing pools with overhanging vegetation or rocks.
Threats: Removal of logs from waterways, siltation and illegal fishing.



Photo courtesy of Chris Corben

Giant spiny crayfish
Euastacus hystrixosus
Vulnerable (IUCN 2000)
Habitat: Upland rainforest and wet sclerophyll streams.
Threats: Habitat loss, feral animal disturbances.



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Illidge's ant-blue butterfly
Acrodipsas illidgei
Vulnerable (NCA 1992)
Habitat: Mostly Grey mangroves along the coast between Mary and Brunswick River estuaries.
Threats: Mangrove loss due to coastal development.

This poster developed by the Mary River Catchment Coordinating Committee with support from:
For information contact MRCCC, QPWS or your local Landcare group.

NCA 1994 - Queensland Nature Conservation (Wildlife) Regulation 1994.
EPBC 1999 - Environmental Protection and Biodiversity Conservation Act 1999.
IUCN 2000 - International Union of Conservation of Nature and Natural Resources (Red list)
Images of the Birdwing Butterfly, Water Mouse and Illidge's Ant Blue Butterfly courtesy of the Queensland Museum ©

