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*Working towards a sustainable and productive catchment*

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## 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 – Endangered (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

*The MRCCC gratefully acknowledges the support of  
The Sunshine Coast Regional Council, Gympie Regional Council and Fraser Coast Regional Council,  
the Burnett Mary Regional Group, the Department of Agriculture, Fisheries and Forestry, the Worldwide Fund for  
Nature, the Department of Environment, Heritage, Water and the Arts, the Department of Main Roads, Powerlink  
and landholders throughout the Mary Catchment.*

***DONATIONS TO THE MARY CATCHMENT PUBLIC FUND ARE TAX DEDUCTIBLE***

### **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 hystericus***

- 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**

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