



Department of Planning and Environment

# Threatened species of the Lower Hunter Valley

## What is a threatened species?

Plants and animals are assessed if they are at risk of extinction. If the risk is high, they are listed in legislation and conservation actions are developed for their protection.

A species is considered threatened if there is a reduction in its population size, it has a restricted geographical distribution or there are few mature individuals. A threatened species may be listed in NSW under the *Biodiversity Conservation Act 2016* or nationally under the *Environmental Protection and Biodiversity Protection Act 1999* as vulnerable, endangered, critically endangered or extinct, depending on its status.

## Acknowledgement of Country

Aboriginal Nations of the Lower Hunter are acknowledged by the Department of Planning and Environment as the Traditional Custodians of the land and waters situated within the Lower Hunter Region. It is acknowledged that their heritage and cultural ties to this landscape and the plants and animals within it date back tens of thousands of years.

## Ecological communities



**Freshwater Wetlands on Coastal Floodplains**  
NSW status: Endangered  
National status: Not listed



**Hunter Lowland Redgum Forest**  
NSW status: Endangered  
National status: Not listed



**Kurri Sand Swamp Woodland**  
NSW status: Endangered  
National status: Not listed



**Lower Hunter Spotted Gum Ironbark Forest**  
NSW status: Endangered  
National status: Not listed



**Lowland Rainforest**  
NSW status: Endangered  
National status: Not listed



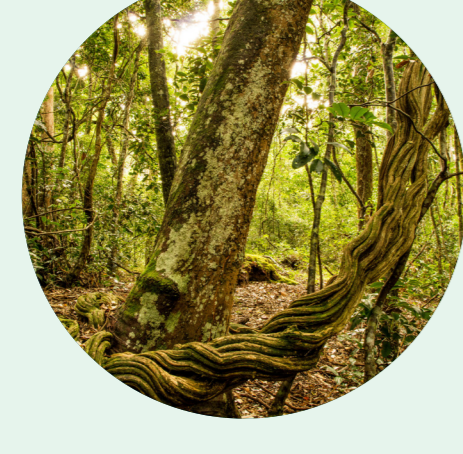
**Quorrobolong Scribbly Gum Woodland**  
NSW status: Endangered  
National status: Not listed



**River-Flat Eucalypt Forest on Coastal Floodplains**  
NSW status: Endangered  
National status: Not listed



**Coastal Saltmarsh**  
NSW status: Endangered  
National status: Not listed



**Littoral Rainforest**  
NSW status: Endangered  
National status: Not listed

## Plants



**North Rothbury persoonia**  
*Persoonia pauciflora*  
NSW status: Critically Endangered  
National status: Critically Endangered



**Broken Back phebalium**  
*Leionema lamprophyllum* subsp. *fractum*  
NSW status: Critically Endangered  
National status: Critically Endangered



**Sand doubletail**  
*Diuris arenaria*  
NSW status: Endangered  
National status: Not listed



**Netted bottle brush**  
*Callistemon linearifolius*  
NSW status: Vulnerable  
National status: Not listed



**Tall rustyhood**  
*Pterostylis chaetophora*  
NSW status: Vulnerable  
National status: Not listed



**Bynoe's wattle**  
*Acacia bynoeana*  
NSW status: Endangered  
National status: Vulnerable



**Earp's dirty gum**  
*Eucalyptus parramattensis* subsp. *decadens*  
NSW status: Vulnerable  
National status: Vulnerable



**Small-flower grevillea**  
*Grevillea parviflora* subsp. *parviflora*  
NSW status: Vulnerable  
National status: Vulnerable



**Heath wrinklewort**  
*Rutidosia heterogama*  
NSW status: Vulnerable  
National status: Vulnerable



**Black-eyed Susan**  
*Tetratheca juncea*  
NSW status: Vulnerable  
National status: Vulnerable



**Rough doubletail**  
*Diuris praecox*  
NSW status: Vulnerable  
National status: Vulnerable

## Animals

### Birds



**Regent honeyeater**  
*Anthochaera phrygia*  
NSW status: Critically Endangered  
National status: Critically Endangered



**Swift parrot**  
*Lathamus discolor*  
NSW status: Endangered  
National status: Critically Endangered



**Curlew sandpiper**  
*Calidris ferruginea*  
NSW status: Endangered  
National status: Critically Endangered



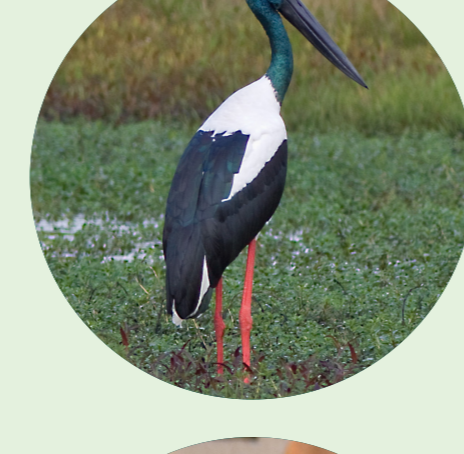
**Eastern curlew**  
*Numenius madagascariensis*  
NSW status: Not listed  
National status: Critically Endangered



**Wompoo fruit-dove**  
*Ptilinopus magnificus*  
NSW status: Vulnerable  
National status: Not listed



**Gang-gang cockatoo**  
*Callocephalon fimbriatum*  
NSW status: Vulnerable  
National status: Endangered



**Black-necked stork**  
*Ephippiorhynchus asiaticus*  
NSW status: Vulnerable  
National status: Not listed



**Little tern**  
*Sterna albifrons*  
NSW status: Endangered  
National status: Not listed



**Pied oystercatcher**  
*Haematopus longirostris*  
NSW status: Endangered  
National status: Not listed



**Glossy black-cockatoo**  
*Calyptorhynchus lathamii*  
NSW status: Vulnerable  
National status: Not listed



**Speckled warbler**  
*Chthonicola sagittata*  
NSW status: Vulnerable  
National status: Not listed



**Brown treecreeper**  
*Climacteris picumnus victoriae*  
NSW status: Vulnerable  
National status: Not listed



**Varied sittella**  
*Daphoenositta chrysoptera*  
NSW status: Vulnerable  
National status: Not listed



**Little lorikeet**  
*Glossopsitta pusilla*  
NSW status: Vulnerable  
National status: Not listed



**Comb-crested jacana**  
*Irediparra gallinacea*  
NSW status: Vulnerable  
National status: Not listed



**Square-tailed kite**  
*Lophoictinia isura*  
NSW status: Not listed  
National status: Not listed



**Black-chinned honeyeater**  
*Melithreptus gularis gularis*  
NSW status: Vulnerable  
National status: Not listed



**Powerful owl**  
*Ninox strenua*  
NSW status: Vulnerable  
National status: Not listed



**Grey-crowned babbler**  
*Pomatostomus temporalis temporalis*  
NSW status: Vulnerable  
National status: Not listed



**Masked owl**  
*Tyto novaehollandiae*  
NSW status: Vulnerable  
National status: Not listed



**Sooty owl**  
*Tyto tenebricosa*  
NSW status: Vulnerable  
National status: Not listed



**Black-tailed godwit**  
*Limosa limosa*  
NSW status: Vulnerable  
National status: Not listed



**Sooty oystercatcher**  
*Haematopus fuliginosus*  
NSW status: Vulnerable  
National status: Not listed

## Amphibians



**Giant barred frog**  
*Mixophes iteratus*  
NSW status: Endangered  
National status: Endangered



**Mahony's toadlet**  
*Uperoleia mahonyi*  
NSW status: Endangered  
National status: Not listed



**Wallum froglet**  
*Crinia tinnula*  
NSW status: Vulnerable  
National status: Not listed



**Green-thighed frog**  
*Litoria brevipalmata*  
NSW status: Vulnerable  
National status: Not listed



**Green and golden bell frog**  
*Litoria aurea*  
NSW status: Endangered  
National status: Vulnerable



**Stuttering frog**  
*Mixophyes balbus*  
NSW status: Endangered  
National status: Vulnerable

## Mammals



**Koala**  
*Phascolarctos cinereus*  
NSW status: Endangered  
National status: Endangered



**Spotted-tailed quoll**  
*Dasyurus maculatus*  
NSW status: Vulnerable  
National status: Endangered



**Little bentwing-bat**  
*Miniopterus australis*  
NSW status: Vulnerable  
National status: Not listed



**Eastern bentwing-bat**  
*Miniopterus schreibersii*  
NSW status: Vulnerable  
National status: Not listed



**Eastern freetail-bat**  
*Mormopterus norfolkensis*  
NSW status: Vulnerable  
National status: Not listed



**Southern myotis**  
*Myotis macropus*  
NSW status: Vulnerable  
National status: Not listed



**Yellow-bellied glider**  
*Petaurus australis*  
NSW status: Endangered  
National status: Not listed



**Squirrel glider**  
*Petaurus norfolkensis*  
NSW status: Vulnerable  
National status: Not listed



**Greater broad-nosed bat**  
*Scoteanax rueppellii*  
NSW status: Vulnerable  
National status: Not listed



**Brush-tailed rock-wallaby**  
*Petrogale penicillata*  
NSW status: Endangered  
National status: Vulnerable



**Greater glider**  
*Petauroides volans*  
NSW status: Vulnerable  
National status: Endangered



**Grey-headed flying-fox**  
*Pteropus poliocephalus*  
NSW status: Vulnerable  
National status: Vulnerable

Photography: Alex Pike, Anthony Bolton, Barry Collier, Charles Dove, Dan Lunney, David O'Brien, David Robson, Dean Iggerson, Doug Becken, Erika Lee, Gavin Phillips, Harry Hines, Helen Fallow, Jodie Lamson, John Spencer, John Turbill, Karen Battak, Ken Sheppard, Kerrin Lee Harris, Lucien Copeland, Leo Barina, Mark Cameron, Matt Wright, Mick Rodrick, Mick Rodrick courtesy of Miranda LAC, Nathan Emery courtesy of the Royal Botanic Gardens, Pavel German, Peter Ridgeway, Shane Rumm, Stephen Bell and Stephen Mahony.

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