

Central Murray

MAINLAND ISLAND CHARACTERISTICS

Jurisdictions	New South Wales Victoria
NRM Regions	Goulburn Broken Murray
LGAs	Moira Murray
Size	60, 000 hectares
Dominant Type	Eucalypt woodlands
Land Tenure	Ramsar wetlands Limited private landholdings
Surrounding Issues	Land use Weed density



Overall Priority	Conservation Value	Threat Status
Very High	Very High	High

Key Biodiversity Values

Key biodiversity and conservation values of CENTRAL MURRY

- 15 threatened species
- 3 threatened communities
- 5 migratory species
- Very high species richness
- High endemism
- Barmah Forest and NSW Central Murray State Forests Ramsar wetlands
- 3 nationally important aquatic ecosystems
- Native vegetation present
- Vertebrate pest species present

CONSERVATION VALUE

Categories	Ranks/Scores
1 Biodiversity values	Very High (16)
2 Uniqueness	Medium (2)
3 Representativeness	High (3)
4 Adjacency	Medium (2)
5 Area to perimeter ratio	High (3)

THREAT STATUS

Categories	Ranks/Scores
1 Density of pest species	Medium (4)
2 Pest impact level	Very High (8)
3 Invasion fronts/range boundaries	High (3)
4 Land use risk	High (4)
5 Weed density	High (3)
6 Area without statutory protection	High (3)



Key Threats and Impacts

Pest Species Present or Potentially Present

<input type="checkbox"/>	Cane toad	<input checked="" type="checkbox"/>	Feral cat	<input checked="" type="checkbox"/>	Feral pig	<input checked="" type="checkbox"/>	Rodents
<input checked="" type="checkbox"/>	Carp, European carp	<input type="checkbox"/>	Feral deer	<input type="checkbox"/>	Feral water buffalo	<input type="checkbox"/>	Tilapia, Mozambique Tilapia
<input checked="" type="checkbox"/>	European red fox	<input checked="" type="checkbox"/>	Feral donkey	<input checked="" type="checkbox"/>	Indian Myna, Common Myna	<input type="checkbox"/>	Weather loach; Oriental weather loach
<input checked="" type="checkbox"/>	European wild rabbit	<input checked="" type="checkbox"/>	Feral goat	<input checked="" type="checkbox"/>	Mosquito fish, Plague Minnow	<input type="checkbox"/>	Wild dog
<input type="checkbox"/>	Feral camel	<input checked="" type="checkbox"/>	Feral horse	<input checked="" type="checkbox"/>	Red-eared slider turtle	<input type="checkbox"/>	Other

Potential impacts of pest species on matters of National Environmental Significance

Carp, European carp Barmah Forest <i>Litoria raniformis</i> <i>Craterocephalus fluviatilis</i> <i>Myriophyllum porcatum</i>	Feral goat <i>Swainsona murrayana</i>
Feral cat <i>Apus pacificus</i> <i>Delma impar</i> Barmah Forest <i>Dasyurus maculatus maculatus</i> (SE mainland population)	Feral horse Barmah Forest
European red fox Barmah Forest <i>Merops ornatus</i> <i>Delma impar</i> <i>Pedionomus torquatus</i> <i>Gallinago hardwickii</i> <i>Rostratula australis</i> <i>Dasyurus maculatus maculatus</i> (SE mainland population)	Rodent <i>Pedionomus torquatus</i>
Mosquito fish, Plague Minnow <i>Craterocephalus fluviatilis</i> <i>Macquaria australasica</i> <i>Litoria raniformis</i>	Feral pig Barmah Forest <i>Swainsona murrayana</i> White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland
	European wild rabbit Barmah Forest <i>Pedionomus torquatus</i> <i>Delma impar</i> <i>Swainsona murrayana</i> Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions

Other threatening processes

- Situated on pest invasion front / range boundary
- High risk land use
- High density of Weeds of National Significance
- Lack of statutory protection
- Isolated from other high conservation value islands

Highest priority biodiversity issues

Pest impacts on Barmah Forest Ramsar wetland

Pest management actions listed in recovery plans for:

- *Delma impar*
- *Craterocephalus fluviatilis*
- *Myriophyllum porcatum*

Other threatening processes

