

Marlborough



MAINLAND ISLAND CHARACTERISTICS

Jurisdiction	Queensland
NRM Region	Fitzroy
LGA	Rockhampton Regional
Size	132, 000 hectares
Dominant Type	Eucalypt woodlands
Land Tenure	Agriculture
Surrounding Issues	Land use Pest density Weed density

Overall Priority

Very High

Conservation Value

High

Threat Status

Very High

Key Biodiversity Values

Key biodiversity and conservation values of MARLBOROUGH

- 24 threatened species
- 3 threatened communities
- 11 migratory species
- Very high species richness
- Very high endemism
- Native vegetation present/
- Vertebrate pest species present

CONSERVATION VALUE

<i>Categories</i>	<i>Ranks/Scores</i>
1 Biodiversity values	High (12)
2 Uniqueness	Medium (2)
3 Representativeness	Low (1)
4 Adjacency	Very High (4)
5 Area to perimeter ratio	Very High (4)

THREAT STATUS

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



Key Threats and Impacts

Pest Species Present or Potentially Present

<input checked="" type="checkbox"/>	Cane toad	<input checked="" type="checkbox"/>	Feral cat	<input checked="" type="checkbox"/>	Feral pig	<input checked="" type="checkbox"/>	Rodents
<input type="checkbox"/>	Carp, European carp	<input checked="" 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 type="checkbox"/>	Feral goat	<input checked="" type="checkbox"/>	Mosquito fish, Plague Minnow	<input checked="" type="checkbox"/>	Wild dog
<input type="checkbox"/>	Feral camel	<input checked="" type="checkbox"/>	Feral horse	<input type="checkbox"/>	Red-eared slider turtle	<input type="checkbox"/>	Other

Potential impacts of pest species on matters of National Environmental Significance

Feral water buffalo <i>Crocodylus porosus</i>		Wild dog <i>Merops ornatus</i>	<i>Rheodytes leukops</i>
Cane toad <i>Dasyurus hallucatus</i> <i>Denisonia maculata</i>	<i>Merops ornatus</i>	European red fox <i>Erythroriorchis radiatus</i> <i>Geophaps scripta scripta</i>	<i>Numenius minutus</i> <i>Rheodytes leukops</i>
Feral cat <i>Apus pacificus</i> <i>Geophaps scripta scripta</i> <i>Monarcha melanopsis</i> Brigalow (<i>Acacia harpophylla</i> dominant and co-dominant)	<i>Neochmia ruficauda ruficauda</i> <i>Rheodytes leukops</i> <i>Turnix melanogaster</i>	<i>Merops ornatus</i> <i>Neochmia ruficauda ruficauda</i>	<i>Rostratula australis</i> <i>Turnix melanogaster</i>
		Feral pig <i>Rheodytes leukops</i>	<i>Turnix melanogaster</i>
		European wild rabbit <i>Geophaps scripta scripta</i>	

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

Highest priority biodiversity issues

Pest impacts on *Rheodytes leukops*

Impacts of feral cats and foxes

Other threatening processes