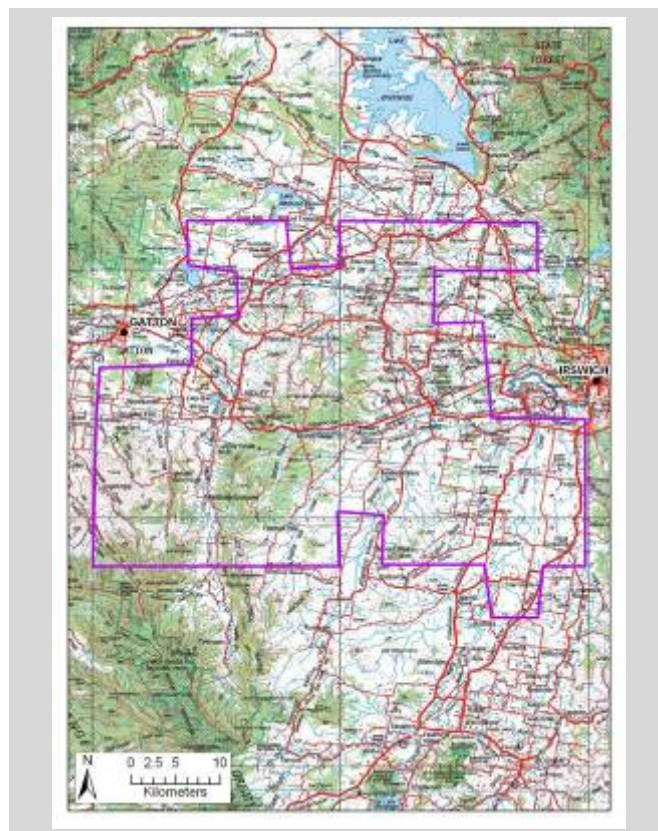


# Moreton Basin

## MAINLAND ISLAND CHARACTERISTICS

<b>Jurisdiction</b>	Queensland
<b>NRM Region</b>	South East Queensland
<b>LGAs</b>	Ipswich City Lockyer Valley Regional Scenic Rim Regional Somerset Regional
<b>Size</b>	142, 000 hectares
<b>Dominant Type</b>	Cleared, non-native vegetation, buildings
<b>Land Tenure</b>	Agriculture, Urban
<b>Surrounding Issues</b>	Lack of native vegetation Land use Pest density Weed density



Overall Priority	Conservation Value	Threat Status
Very High	High	Very High

### Key Biodiversity Values

#### Key biodiversity and conservation values of MORETORN BASIN

- 30 threatened species
- 3 threatened communities
- 8 migratory species
- Very high species richness
- Very high endemism
- Native vegetation present
- Vertebrate pest species present

## CONSERVATION VALUE

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

## THREAT STATUS

Categories	Ranks/Scores
<b>1 Density of pest species</b>	Very High (8)
<b>2 Pest impact level</b>	High (6)
<b>3 Invasion fronts/range boundaries</b>	High (3)
<b>4 Land use risk</b>	Very High (5)
<b>5 Weed density</b>	Very High (4)
<b>6 Area without statutory protection</b>	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 checked="" type="checkbox"/>	Carp, European carp	<input checked="" type="checkbox"/>	Feral deer	<input type="checkbox"/>	Feral water buffalo	<input checked="" 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 checked="" 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

<b>Cane toad</b> <i>Merops ornatus</i>	<b>Feral goat</b> <i>Petrogale penicillata</i> <i>Sarcochilus hartmannii</i>
<b>Feral cat</b> <i>Petrogale penicillata</i> <i>Potorous tridactylus tridactylus</i> Brigalow ( <i>Acacia harpophylla</i> dominant and co-dominant)	<b>Feral pig</b> <i>Mixophyes iteratus</i> White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland
<b>Feral dog</b> <i>Merops ornatus</i> <i>Potorous tridactylus tridactylus</i> <i>Petrogale penicillata</i>	<b>European red fox</b> <i>Erythroriorchis radiatus</i> <i>Petrogale penicillata</i> <i>Gallinago hardwickii</i> <i>Potorous tridactylus tridactylus</i> <i>Merops ornatus</i> <i>Rostratula australis</i>
<b>European wild rabbit</b> <i>Petrogale penicillata</i> <i>Xanthomyza phrygia</i> <i>Thesium australe</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 *Petrogale penicillata*

Pest management actions listed in recovery plans for:

- *Mixophyes iteratus*
- *Xanthomyza phrygia*

