

Beenleigh

MAINLAND ISLAND CHARACTERISTICS

Jurisdiction	Queensland
NRM Region	South East Queensland
LGAs	Brisbane City, Gold Coast City, Logan City, Redland City, Scenic Rim Regional
Size	77, 000 hectares
Dominant Type	Cleared, non-native vegetation, buildings
Land Tenure	Agriculture, Urban
Surrounding Issues	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 BEENLEIGH

- 58 threatened species
- 1 threatened community
- 19 migratory species
- Very high species richness
- Very high endemism
- Canungra Land Warfare Centre Training Area (part) National/Commonwealth Heritage Place
- 1 nationally important aquatic ecosystem
- Native vegetation present
- Vertebrate pest species present

CONSERVATION VALUE

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

THREAT STATUS

Categories	Ranks/Scores
1 Density of pest species	Very High (8)
2 Pest impact level	Very High (8)
3 Invasion fronts/range boundaries	High (3)
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 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 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

Cane toad <i>Litoria longiburensis</i> <i>Merops ornatus</i>		European red fox <i>Caretta caretta</i> <i>Petrogale penicillata</i> <i>Chelonia mydas</i> <i>Potorous tridactylus tridactylus</i> <i>Erythroriorchis radiatus</i> <i>Rostratula australis</i> <i>Gallinago hardwickii</i> <i>Sterna albifrons</i> <i>Macronectes giganteus</i> <i>Xeromys myoides</i> <i>Merops ornatus</i>	
Feral cat <i>Apus pacificus</i> <i>Petrogale penicillata</i> <i>Macronectes giganteus</i> <i>Potorous tridactylus tridactylus</i> <i>Macronectes halli</i> <i>Xeromys myoides</i>		Mosquito fish, Plague Minnow <i>Litoria longiburensis</i>	
Wild dog <i>Merops ornatus</i> <i>Potorous tridactylus tridactylus</i> <i>Petrogale penicillata</i> <i>Sterna albifrons</i>		European wild rabbit <i>Macronectes giganteus</i> <i>Petrogale penicillata</i> <i>Macronectes halli</i> <i>Poephila cincta cincta</i>	
Feral pig <i>Caretta caretta</i> <i>Mixophyes fleayi</i> <i>Chelonia mydas</i> <i>Phaius australis</i> <i>Litoria longiburensis</i> <i>Pouteria eerwah</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*

Impacts of the European red fox

Pest management actions listed in recovery plans for *Litoria longiburensis*, *Mixophyes fleayi*, *Poephila cincta cincta* and marine turtles

