

Upstart Bay

MAINLAND ISLAND CHARACTERISTICS

Jurisdiction	Queensland
NRM Region	Burdekin
LGAs	Burdekin Shire
Size	58, 000 hectares
Dominant Type	Eucalypt woodlands, Mangrove
Land Tenure	Agriculture Fish Habitat Area (QLD) National Park
Surrounding Issues	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 UPSTART BAY

- 19 threatened species
- 1 threatened community
- 20 migratory species
- Very high species richness
- Very high endemism
- 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	Low (1)
4 Adjacency	Medium (2)
5 Area to perimeter ratio	Medium (2)

THREAT STATUS

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



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 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 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>	European red fox <i>Caretta caretta</i> <i>Neochmia ruficauda ruficauda</i> <i>Dermochelys coriacea</i> <i>Numenius minutus</i> <i>Geophaps scripta scripta</i> <i>Rostratula australis</i> <i>Merops ornatus</i> <i>Sterna albifrons</i> <i>Natator depressus</i> <i>Xeromys myoides</i>	
Cane toad <i>Dasyurus hallucatus</i> <i>Merops ornatus</i>	Feral pig <i>Caretta caretta</i> <i>Natator depressus</i> <i>Dermochelys coriacea</i> <i>Tylophora williamsii</i>	
Feral cat <i>Apus pacificus</i> <i>Monarcha melanopsis</i> <i>Geophaps scripta scripta</i> <i>Xeromys myoides</i> <i>Neochmia ruficauda ruficauda</i>	European wild rabbit <i>Geophaps scripta scripta</i>	
Wild dog <i>Merops ornatus</i> <i>Sterna albifrons</i> <i>Natator depressus</i>		

Other threatening processes

- Situated on pest invasion front / range boundary
- High risk land use
- High density of Weeds of National Significance
- Increased potential for edge effects
- Isolated from other high conservation value islands

Highest priority biodiversity issues

Actions to reduce the impact of pests (fox, wild dog, pig) that prey on eggs of marine turtles (under the marine turtle recovery plan).

Other threatening processes.

