



Threatened
Species
Recovery
Hub

National Environmental Science Programme




Saving Species on Australian Islands

Final report

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November 2021



We acknowledge the Traditional Owners and their custodianship of the lands on which this work was undertaken and of all the islands. We pay our respects to their Ancestors and their descendants, who continue cultural and spiritual connections to Country. We recognise their valuable contributions to Australian and global society.

Cite this publication as: Baxter, P.W.J., Rogers, A.M., Kark, S. 2021. Saving species on Australia Islands - Final Report. NESP Threatened Species Recovery Hub Project 4.2.1 report, Brisbane.

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Cover image: Lord Howe Island. Image: Salit Kark

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Creating and analysing the first national scale database of Island Occurrences of Threatened Australian Species (IOTAS): Database development, description and key results

Database development

Australia has over 9200 islands with and multiple unique, endemic and multiple threatened species ranging across latitudes and jurisdictions from the tropics to the Antarctic region, making coordinated management challenging yet crucial. In order to effectively strategize conservation management across islands, it is important to have a reliable source of data comprehensively documenting island populations of threatened species. To address this gap, we created the first database of threatened species on all Australian islands.

We compiled data on species listed as threatened by either the IUCN Red List or the Australian Environmental Protection and Biodiversity Conservation (EPBC) Act, which includes terrestrial flora and fauna, namely plants, invertebrates, fishes, amphibians, reptiles, land birds, sea birds and mammals. For species whose distributions includes islands, we compiled data on their current and historic island occurrence using the primary and grey literature and expert knowledge. Where possible, we verified species distributions with experts from state environment departments and other regional management bodies.

Database description

The resultant database of threatened species on Australian islands comprises three tables, each described below. The main table of interest is the IOTAS (Island Occurrences of Threatened Australian Species) table, which records occurrences of threatened species on islands, with their current and past population status. This table is linked to an ISLANDS table (Commonwealth of Australia 2015), with island geographic information, by the islands' record numbers (ISLAND_ID field); and to the ALL THREATENED SPECIES ("ALLTHSPP") table, with species-level information, by the species names (SCIENTIFIC_NAME field).

The fields in the three tables are described immediately below. An OVERVIEW table is also provided with the database file, which expands the IOTAS table with relevant cross-referenced data from the other two tables, such as island name and area, and species conservation status and taxonomic group.

Islands table

This dataset contains geographic information on 9,285 Australian offshore islands. The data was obtained from a spatial database provided by the Australian Department of Agriculture, Water and the Environment (DAWE) under a Creative Commons Attribution license (CC-BY; Commonwealth of Australia 2015). The associated metadata is included in the "READMEPLEASE" sheet of the database and summarised in Table 1. We included six additional island records where threatened species records exist, which were very close to other islands or the mainland, including two small rock stacks that support breeding seabird colonies. We added additional information, such as indigenous names for islands, that arose during compilation and checking of the database.



Table 1. The fields in the ISLANDS table.

Field name	Description
ISLAND_ID	island identifier number; used to cross-reference data with IOTAS table
ISLAND_NAME	island name (2720 islands are named; 6565 unnamed)
ALT_NAME1	alternative name for island
ALT_NAME2	alternative name for island
ISLAND_GROUP	name of island group (281 groups are included)
STATE	island jurisdiction (Commonwealth, state or territory acronyms)
TENURE	landholding details
DATA_SOURCE	original source of island spatial data
LONGITUDE	longitude (decimal degrees)
LATITUDE	latitude (decimal degrees)
DISTANCE_M	distance from the mainland (metres)
DISTANCE_KM	distance from the mainland (kilometres), slightly less precision than DISTANCE_M but retained for convenience
AREA_M ²	island area (m ²)
AREA_HA	island area (hectares), slightly less precision than AREA in m ² but retained for convenience

The ISLANDS table links to the IOTAS table using the ISLAND_ID field.

All Threatened Species table (“AllThSpp”)

This dataset, summarised in Table 2, contains threat listings and basic taxonomic and distributional information on 2,428 Australian species and subspecies listed as threatened (Vulnerable, Endangered or Critically Endangered) under either the IUCN’s Red List or the Australian Environmental Protection and Biodiversity Conservation Act; as of January 2019. Some species listed as non-threatened or extinct under one authority are recorded if their counterpart is listed as threatened under the other authority. “Alias” fields denote whether a EPBC Act-listed (sub-)species is listed under a different scientific name in the IUCN Red List. Emphasis was given to terrestrial species so, although organisms from plants to mammals are included in the current database, some more mobile species groups such as pinnipeds, turtles and shorebirds are excluded.

Table 2. The fields in the ALL THREATENED SPECIES (“ALLTHSPP”) table.

Field name	Field name meaning	Description
SPECIES_ID	Species ID number	Database ID number for the species or taxon
SCIENTIFIC_NAME	Scientific name	Scientific name (binomial/trinomial etc.) of the species; used to cross-reference data with IOTAS table
FULL_SPECIES	Full species	Indicates if the record refers to a full species (FULL_SPECIES = 1) or not (FULL_SPECIES = 0; i.e., if the listed organism is a subspecies or lower taxon)
COMMON_NAME	Common name	The common name(s) of the species
TAXON	Taxon	Higher taxonomic group, e.g. plants, invertebrates, mammals.
EPBCACT_STATUS	EPBC Act status	(sub)species status under the Environmental Protection and Biodiversity Conservation Act, as of January 2019
IUCN_STATUS	IUCN status	The listing status of the species under the IUCN Red List, as of January 2019
IUCN_ALIAS	IUCN alias	This field is used for taxa (species, subspecies etc.) listed with different names under EPBC Act and IUCN Red List: 75 taxa listed under the EPBC Act (11 species, 64 subspecies or lower), are listed under 47 different names on the IUCN Red List (46 full species and one subspecies).
ALIAS_SPID	Alias species ID	The relevant SPECIES_ID corresponding to the IUCN_ALIAS
ISLAND_MAINLAND_BOTH	Island, mainland	This indicates whether the species distribution is on the Australian mainland, on islands, or both.
TASMANIAN_MAINLAND	Tasmanian mainland	This indicates whether the species occurs on mainland Tasmania

The ALLTHSPP table links to the IOTAS table using the SCIENTIFIC_NAME field.

IOTAS table

This dataset (summarised in Table 3) contains 1,260 records of occurrences of threatened species and subspecies on Australian offshore islands. Also included are known absences, including extirpations and failed (re)introductions. Note that some organisms may have duplicate island records in the table under different scientific names, if differently named under the EPBC Act and the IUCN Red List. The records were verified by government and regional authority experts to the extent possible under the project timeframe (seabirds and more recent threat listings were not usually cross-verified).

Table 3. *The fields in the IOTAS table.*

Field name	Field name meaning	Description
IOTAS_ID	"IOTAS" database record number	The database ID number for the species-island occurrence record
ISLAND_ID	Island ID	The database ID number for the island on which the species occurs; this field is used to link the IOTAS record to the relevant island information in the ISLANDS table
SCIENTIFIC_NAME	Scientific Name	The scientific binomial/trinomial (etc.) name of the threatened species; this field is used to link the IOTAS record to the relevant species data in the ALLTHSPP table
SPECIES_ID	Species ID	The database ID number for the species: as SPECIES_ID in the ALLTHSPP table
SENSITIVE_POPULATION	Sensitive Population	This field indicates whether population is classed as sensitive (SENSITIVE_POPULATION = 1) or not (SENSITIVE_POPULATION = 0). 406 sensitive records will be redacted from any public release of the database.
SENSITIVITY_NOTES	Sensitivity Notes	This field records the criteria for deeming populations sensitive or not: typically determined by a governmental source, as per Atlas of Living Australia (2020) sensitive species list, and its required spatial resolution for record-masking
CURRENT_STATUS	Current population Status	The current population status of this threatened species on this island. Present => seen since 2000 or earlier with persistent population
HISTORIC_STATUS	Historic population Status	This field records the previous population status of this species on this island, if different from the current status. The time frame between "CURRENT_STATUS" and "HISTORIC_STATUS" is not fixed, as population occurrences on islands change at different times
REFERENCES	References	This field records the source(s) of taxon-island occurrence information

The IOTAS table links to the ISLANDS table using the ISLAND_ID field, and to the ALLTHSPP table using the SCIENTIFIC_NAME field.



Invasive species on Australian islands: methods and metadata

We have combined and edited recent and earlier invasive species datasets to form a database of weed and vertebrate pest species records on Australian islands.

The purpose of producing this amalgamated database was to cross-reference islands with threatened species against those with (and without) invasive species, to gain insights into avenues for prioritisation across islands. It was not possible to undertake detailed updating, verification and proof-reading of records within the timeframe of the project.

Data acquisition

We obtained three inter-related datasets on invasive vertebrates on islands:

1. **Feral vertebrates on offshore islands larger than 20ha** (Commonwealth of Australia 2012-2016), an online database from Department of the Environment and Energy, last updated in February 2016;
2. **Foxes and cats on islands**; comprising the Supplementary Material from Legge et al. (2018), updated in 2019 by S. Legge (pers. comm. 2019);
3. **Foxes on islands**; updates database 1 (Commonwealth of Australia 2012-2016) for fox records including recent eradications (Woinarski pers. comm. 2020).

We also obtained a dataset on **invasive plants on islands** (Commonwealth of Australia 2013), which details weed distribution across Australian islands, including some eradications. While some areas are well-covered, its reliability at a national level is not uniform as the weed data has not been verified by state agencies or regional experts (Bossard 2014, pers. comm.).

Please note the different databases are in different quality, coverage and verification stages and, notwithstanding considerable work reconciling data, many uncertainties remain.

Data amalgamation and reconciliation

In resolving conflicting records for vertebrates, priority was generally given to the latest records (Woinarski 2020 > Legge 2019 > Commonwealth of Australia 2012-2016). As well as fox data being more up-to-date, data reconciliation revealed some inconsistencies in the original Commonwealth of Australia (2012-2016) vertebrate database, such as the inclusion of a plant (*Oxalis articulata*) classified as a bird, and inconsistencies in some island records (e.g., records on "Garden Island" in two states sometimes allocated each other's island ID numbers). We corrected many other inconsistencies, for example:

- We deleted 19 feral vertebrate duplicate records from the original database (Commonwealth of Australia 2012-2016) and noted some other uncertainties, flagging these in the *PresenceComment* field (e.g. records with island number (*IslandID*) 2029 in Tasmania have inconsistent island names, viz. Monument Rock and St Helens Island).
- We deleted 157 weed duplicate records from the original weed database (Commonwealth of Australia 2013); we either chose to retain the record with better references (e.g. citing primary literature vs Wikipedia.org) or, where appropriate, combined citations from duplicate records to give more rigorous references.
- We changed 50 records in vertebrate data from *State* = "CWLTH" to *State* = "CWTH" (referring to Commonwealth islands), to agree with the majority of other Commonwealth island records.

There remain many gaps in the data, such as the lack of any cane toad (*Rhinella marina*) records on Western Australian islands. In general, the relative reliability for records in the amalgamated invasive species database should be interpreted with respect to data currency: foxes > cats > other vertebrates > weeds.

Additional fields

The fields in the database are described in more detail below. We created four new fields – *RecordNumber*, *SourceDatabase* and *SourceDatabaseIDno* and *offshoreThreat*, described immediately below – to allow comparison with earlier datasets and to facilitate further analysis.

RecordNumber is the number of the record in the final database.

We kept track of source databases and original database number, indicated by the fields *SourceDatabase* and *SourceDatabaseIDno*, respectively.

Although our main objective was to interrogate invasive presence on islands, we retained records noting absence or eradication and created a new field, *offshoreThreat*, to flag actual presence of invasive species. Some vertebrate records refer to mainland islands (e.g. in Murray River) so were given values of *offshoreThreat* = 0. Some introduced Australian species had been noted as conservation introductions, so were accorded *offshoreThreat* = 0. Other Australian mammals that had unclear origins on an island were given *offshoreThreat* = 0.5, allowing inclusion or exclusion from analyses as appropriate. Sentinel pigs introduced for quarantine purposes were set to *offshoreThreat* = 1, on the assumption that they reflect a risk of full invasion and require management oversight.

For weeds, some population status entries were blank. These were all noted as originating from "IRAS data - supplied by GBRMPA" in September 2013. We assigned a Presence status of "uncertain" to these records and we set *offshoreThreat* = 1 as even if not present, some management activity is still necessary to confirm weed presence or absence on the island.

Database overview

The resultant database is an 8037 × 13 dataset (8,037 records with thirteen fields each, described next section). The database reveals 6,280 occurrences of invasive species on offshore Australian islands. This represents 1,292 invasive species across 742 offshore islands, of which 185 islands also have threatened species (listed as threatened under the EPBC Act as of January 2019).

Fields in the amalgamated island invasive species database

- **RecordNumber**
 - Records are ordered by species names, within Island number (*IslandID*) within *offShoreThreat* category.
 - *RecordNumber* has 8,037 records, which are unique consecutive integers (1 - 8037).
- **IslandID**
 - Island number according to island dataset, which is available from the Australian Department of Environment under a CC-BY licence (Commonwealth of Australia 2015).
 - 98 of the 8,037 records have *IslandID* recorded as "blank" – none of these are offshore islands.
- **IslandName**
 - Name of the island. Largely accords with the Commonwealth of Australia (2015) dataset; although some inconsistencies may occur. *IslandID* should be used as the unique identification field and should be used as the primary name source. All 8,037 records have island names.
- **State**
 - State or territory (abbreviation e.g., NT, QLD etc. "CWTH" indicates islands under Commonwealth jurisdiction), summarised in Table 4.

Table 4. Summary of the **State** field in the island invasive species database

State field value	Meaning	Offshore Threat = 0	Offshore Threat = 0.5	Offshore Threat = 1	Number of records
CWTH	Commonwealth	65	0	346	411
NSW	New South Wales	106	0	366	472
NT	Northern Territory	220	0	164	384
QLD	Queensland	254	9	1041	1304
SA	South Australia	273	16	1354	1643
TAS	Tasmania	254	21	1351	1626
VIC	Victoria	120	10	570	700
WA	Western Australia	461	4	1028	1493
VIC/NSW	(Cat and goat records for two islands in the Murray River)	4	0	0	4
Total		1757	60	6220	8037

Species (scientific name)

- Scientific name of the species. There are records for 1,328 unique species; those with most records are listed in Table 5. See also *Taxon*, below, for number of records in higher taxonomic groups.

Table 5. Summary of the **Species** field in the island invasive species database

Species	Common Name	Offshore Threat = 0	Offshore Threat = 1	Number of records
<i>Vulpes vulpes</i>	Red Fox	740	55	795
<i>Felis catus</i>	Feral Cat	649	99	748
<i>Sturnus vulgaris</i>	Common Starling	3	185	188
<i>Mesembryanthemum crystallinum</i>	Iceplant	0	185	185
<i>Oryctolagus cuniculus</i>	European Rabbit	50	74	124
<i>Lycium ferocissimum</i>	African Boxthorn	3	118	121
<i>Rattus rattus</i>	Black Rat	38	73	111
<i>Sonchus oleraceus</i>	Common Sow-thistle	0	108	99
<i>Passer domesticus</i>	House Sparrow	0	105	99
<i>Mus musculus domesticus</i>	House Mouse	5	94	99
<i>Turdus merula</i>	Common Blackbird	1	85	86
<i>Alauda arvensis</i>	Skylark	1	77	78

CommonName

- Common name of the species. We have corrected some inconsistent names. For example, records for "Rabbit", "Cat" (etc.) were edited to read "European Rabbit", "Feral Cat" (etc.) to agree with the majority of records for that species.

Taxon

- Higher taxonomic group, summarised in Table 6.

Table 6. Summary of the **Taxon** field in the island invasive species database

Taxon	Offshore Threat = 0	Offshore Threat = 0.5	Offshore Threat = 1	Number of records
PLANT	56	0	4610	4666
FISH	0	0	15	15
AMPHIBIAN	1	0	52	53
REPTILE	3	0	42	45
BIRD	32	0	789	821
MAMMAL	1665	60	712	2437
Total	1757	60	6220	8037

OffshoreThreat

- This field flags for suggested inclusion in analysis of non-native invasive threats on offshore islands. See Table 7 and the discussion in the main text above.

Table 7. Summary of the *OffshoreThreat* field in the island invasive species database

<i>OffshoreThreat</i> field value	Meaning	Number
0	Not a threat on offshore island (e.g. species was introduced for conservation purposes, or the island is on the Australian mainland)	1757
0.5	Australian species but unclear from earlier databases if its presence is due to conservation introduction	60
1	Other species/island records from earlier databases	6220
Total	8037	8037

Presence

- Indicator of whether a species is present on an island; see Table 8.

Table 8. Summary of the *Presence* field in the island invasive species database

<i>Presence</i> field value	Offshore Threat = 0	Offshore Threat = 0.5	Offshore Threat = 1	Number of records
Absent	1289	0	0	1289
Assume absent	45	0	0	45
Domestic	2	0	0	2
Eradicated	215	0	0	215
Extinct	133	0	0	133
Misidentified	2	0	0	2
Occasional	0	0	2	2
Present	19	59	6070	6148
Present but not offshore	29	0	0	29
Tas. Mainland	1	0	0	1
Translocation	1	0	0	1
Uncertain	0	0	117	117
Unconfirmed but not offshore	21	0	0	21
Unknown	0	1	26	27
Vagrant	0	0	5	5
Total	1757	60	6220	8037

PresenceComment

- Comments, if any, on the *Presence* status of each record. 1,839 records have comments: 1,229 text comments and 610 are "0" or "1", consistent with absence or presence. 6,198 records have no comment on *Presence* status.

Reference

- Citation of published or communicated information for each record. 6,545 records are supported by references.

SourceDatabase

- Database that each record was sourced from, summarised in Table 9.

Table 9. Summary of the **SourceDatabase** field in the island invasive species database

SourceDatabase field value	Meaning	Offshore Threat = 0	Offshore Threat = 0.5	Offshore Threat = 1	Number of records
2020_JW	Record is from J.Woinarski (2020) update of fox data from Commonwealth of Australia (2012-2016)	47	0	0	47
DEnv2016	Record is from Dept. of Environment online database: (Commonwealth of Australia 2012-2016)	310	60	1457	1827
DESLJW	Agreement between all three vertebrate data sources (Commonwealth of Australia 2012-2016; Legge et al. 2018/2019; Woinarski 2020)	10	0	45	55
Env16/Legge19	Record agrees between Dept. of Environment online database (Commonwealth of Australia 2012-2016) and Legge et al. (2018; updated 2019) data	30	0	84	114
Legge2019	Record is from Legge et al. (2018; updated 2019) database	1276	0	15	1291
P. Baxter 2020 manual update	Manual updates of inconsistent island numbers	2	0	3	5
SL19&JW20	Record is from Legge et al. (2018; updated 2019) data and is consistent with J.Woinarski (2020) update of fox data (Commonwealth of Australia 2012-2016).	26	0	8	34
weeds20130917	Record is from Dept. of Environment weed database (Commonwealth of Australia 2013)	56	0	4608	4664
Total		1757	60	6220	8037

SourceDatabaseIDno

- Original record number in database from which the record was sourced.



Threatened Species on Australian Islands Database Launch and availability

The database was launched in October 2021 and has an accompanying “how to use” video by Kark and Baxter which details how the database can be correctly used. The database is delivered to the Dept of Environment and will be available in this link: <https://karkgroup.org/index/our-projects/australian-islands/>

Integration with species-threat data

We can obtain greater insights into the level of threats faced by species on Australian islands by combining the database of threatened species on Australian islands with invasives-on-islands. This can reveal, for example, the richness of threatened species on particularly invaded islands. We sought to give this more ecological relevance by integrating the species-specific threat information collated in NESP Threatened Species Recovery hub project 7.7 “A knowledge synthesis to inform a national approach to fighting extinction” (Ward et al., 2021). This species-threat dataset details threats faced by Australian threatened species, including potential impacts from invasive species. For some threatened species in the dataset, specific invasive species are identified as threats although in other cases the threat is described more generally, for example “Unspecified species (weeds)” or “Unspecified species (grazers)”.

To integrate this species-threat information with our island-invasives database, we re-categorised the invasive species data in both datasets into eleven broader invasive “guilds”, namely: birds; canids; cats (including two records of ferrets on islands); fishes; herbivores; herptiles; native birds; native mammals; pigs; rodents; and weeds. (Note that “invasive” species may include problematic native species.)

We cross-referenced the three datasets – island threatened species, and island invasive species and the specific invasive species- threatened species threat relationships – to identify the existence of threats to island threatened species from co-occurring invasive species. We summarised these threats by invasive species, essentially answering the question “how many invasive species are likely to impact this threatened species on this island?”. We also summarised threats by invasive “guild” (how many invasive guilds threaten this island population?), as some invasive species control interventions may operate more efficiently or successfully at a higher level, e.g. predator-proof fencing or more general weed control programs. Our results (see Table below) indicate on which islands multiple threatened species may benefit per control programs targeting each invasive guild.

All three component datasets have inevitable caveats and knowledge gaps that will contribute to further uncertainty in their combined analysis. For example, the threatened species on islands database refers to threatened species only as of January 2019; the island-invasives database is most reliable for fox records whereas weed records were not updated since 2013; and the species-threat dataset (Ward et al., 2021) is not spatially explicit for threats and impact of an invasive species on a threatened species may vary depending on island context.

Furthermore, aggregation of data in to invasive “guilds” resulted in loss of detail in threatened-invasive species interactions. Results from this preliminary analysis of invasive species threats to threatened species on islands are therefore illustrative only and should be interpreted with considerable caution. A more rigorous prioritisation would take into account other threats (e.g. habitat loss, sea level rise and catastrophic fire risk), and the costs and likely success and benefit of intervention measures, with estimates of each factor being required at every relevant (threatened species x island x threat x action) combination.

Heritage listed islands

Many Australia islands are listed as UNESCO World Heritage sites and/or National Heritage properties. Further examining their threatened species and invasive threats is important towards prioritising action for protecting Australia’s heritage listed islands. We provide below some of the results from our analyses of the heritage listed islands, and we are currently advancing work on threatened species on heritage listed islands using the database we generated in this work.

Summary of results for World Heritage Islands:

We found that the total number of Australian islands that are entirely or partly included as World Heritage Sites is 1957 islands. We found in our analysis (Levin and Kark, pers comm) that the total number of Australian islands that are entirely or partly included in Australia’s National Heritage List is 5280 islands (Credit: Noam Levin and Salit Kark). Maps showing the World Heritage Islands of Australia are provided in Supplementary Figure S1a and S1b.

Acknowledgements

We would like to sincerely thank the many people from across Australia who contributed to this work. We thank John Woinarski, who created the first version of the threatened species database, as well as Erin McCreless, April Reside, Stephen Garnett, and Tim Doherty, who contributed data, verification and helpful discussions, Sarah Legge who contributed data on invasive species and Justine Shaw, who co-led the NESP 4.2 project. We thank Noam Levin for his advice and support with GIS and spatial mapping. We thank Travis Britton, Chika Tada, Ezra Taliv Mo and many research assistants and volunteers for data wrangling. We are thankful to the many partners from across Australia's states and islands who contributed to collating and verifying the database. We hope this database will be of use to many people around Australia in their efforts to help save species and ecosystems on Australia's islands for generations to come. We acknowledge the traditional owners of the various Australian islands and their custodianship of the land.

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Supplementary Information I

Output summary tables from databases and analyses

The full list of species listed as threatened under the EPBC Act as of 31 January 2019 and occurring on Australian islands is provided in Supplementary Information II. The following tables present key findings from the databases of threatened and invasive species on Australian islands, and their preliminary analysis incorporating the dataset of species-specific threats from invasive species (Ward et al. 2021). Note that all species counts presented refer to numbers of species or populations in the relevant datasets and are subject to errors in reporting, currency, sampling coverage etc.

Threatened species summary of key results

Table S1. The conservation status, and distribution across islands in each Australian state or territory, of species listed as threatened under the EPBC Act as of 31 January 2019.

Jurisdiction	Conservation status			Total # species	# hosting islands
	CR	EN	VU		
CWTH	25	29	28	82	19
NSW	9	5	7	21	12
NT	1	8	16	25	26
QLD	4	12	33	49	59
SA	2	11	20	33	27
TAS	12	18	27	57	39
VIC	1	3	8	12	19
WA	1	11	28	40	116
Total	49	89	143	281	317

Table S2. Numbers of occurrences (loosely, populations) of threatened species on Australian islands

Jurisdiction	Plants	Invertebrates	Fishes	Frogs	Reptiles	Land birds	Sea birds	Mammals	All Taxa
CWTH	66	11	0	1	8	15	14	2	117
NSW	5	7	0	1	8	4	10	0	35
NT	11	0	0	0	3	11	0	37	62
QLD	50	0	1	5	1	20	1	42	120
SA	19	0	0	1	0	5	17	15	57
TAS	30	3	11	3	1	57	30	19	154
VIC	2	0	0	3	0	8	10	12	35
WA	3	0	1	0	14	37	32	87	174
Total	186	21	13	14	35	157	114	214	754

Table S3. Numbers of threatened species occurring on Australian islands

Jurisdiction	Plants	Invertebrates	Fishes	Frogs	Reptiles	Land birds	Sea birds	Mammals	All Taxa
CWTH	49	5	0	1	4	10	11	2	82
NSW	5	6	0	1	2	4	3	0	21
NT	7	0	0	0	1	6	0	11	25
QLD	24	0	1	2	1	10	1	10	49
SA	18	0	0	1	0	5	1	8	33
TAS	18	2	5	2	1	11	12	6	57
VIC	2	0	0	1	0	2	1	6	12
WA	3	0	1	0	6	6	2	22	40
Total	122	13	7	4	13	44	23	55	281

Table S4. Numbers of Australian islands hosting threatened species

Jurisdiction	Plants	Invertebrates	Fishes	Frogs	Reptiles	Land birds	Sea birds	Mammals	All Taxa
CWTH	4	3	0	1	6	8	8	1	19
NSW	1	3	0	1	4	2	9	0	12
NT	2	0	0	0	3	3	0	22	26
QLD	31	0	1	5	1	16	1	29	59
SA	3	0		1	0	2	17	9	27
TAS	11	3	6	3	1	27	18	9	39
VIC	1	0	0	3	0	5	10	11	19
WA	3	0	1	0	14	37	29	54	116
Total	56	9	8	14	29	100	92	135	317

Table S5. Summary of extant threatened species records in the IOTAS database and their island distributions

	Plants	Invertebrates	Fishes	Frogs	Reptiles	Land birds	Sea birds	Mammals	All Taxa
# threatened spp (TS)	1318	58	34	29	55	92	23	102	1711
# island-TS records	186	21	13	14	35	157	114	214	754
# islands with TS	56	9	8	14	29	100	92	135	317
# TS w/ island pops	122	13	7	4	13	44	23	55	281
# TS island-only pops	73	12	0	0	7	21	22	15	150
Taxon % island-TS	42.3	4.5	2.4	1.4	5.5	15.5	7.9	20.6	100
% TS with island distributions	9.3	22.4	20.6	13.8	23.6	47.8	100.0	53.9	16.4
% TS island-only distributions	5.5	20.7	0	0	12.7	22.8	95.7	14.7	8.8

Invasive species main summary results

Table S6. Number of occurrences (loosely, populations) of invasive species on Australian islands

Jurisdiction	Plants	Fishes	Amphibia	Reptiles	Birds	Mammals	All taxa
CWTH	303	6	0	6	17	14	346
NSW	327	0	1	1	25	12	366
NT	55	0	12	16	2	79	164
QLD	643	5	39	12	138	213	1050
SA	1140	1	0	3	148	78	1370
TAS	886	3	0	2	310	171	1372
VIC	309	0	0	0	136	135	580
WA	947	0	0	2	13	70	1032
Total	4610	15	52	42	789	772	6280

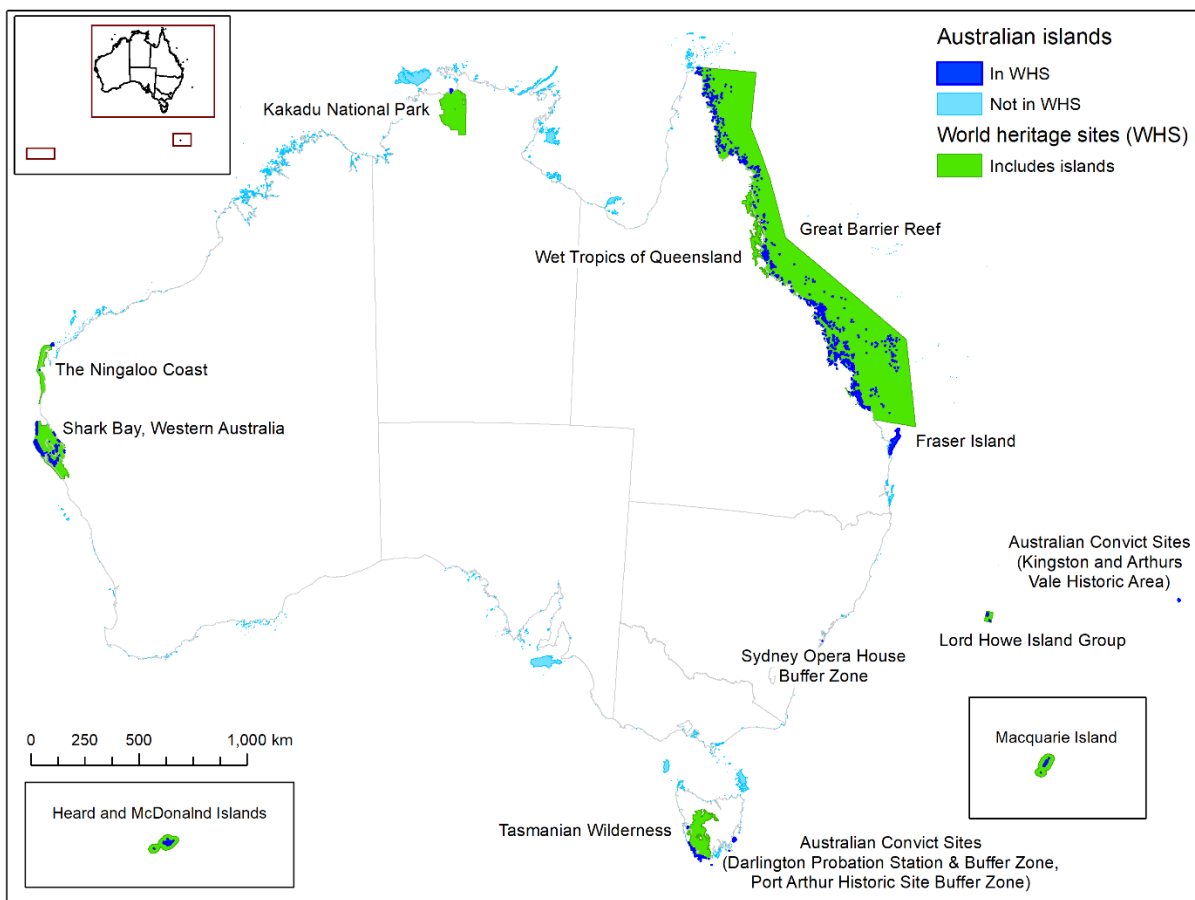
Table S7. Number of Australian islands hosting invasive species

Jurisdiction	Plants	Fishes	Amphibia	Reptiles	Birds	Mammals	All taxa
CWTH	288	5	0	5	14	7	319
NSW	281	0	1	1	17	7	307
NT	21	0	1	3	2	14	41
QLD	255	3	1	1	16	22	297
SA	474	1	0	3	22	25	524
TAS	289	2	0	1	20	31	343
VIC	232	0	0	0	15	24	271
WA	161	0	0	1	5	17	184
Total	1171	8	2	11	40	63	1292

Table S8. Number of invasive species occurring on Australian islands

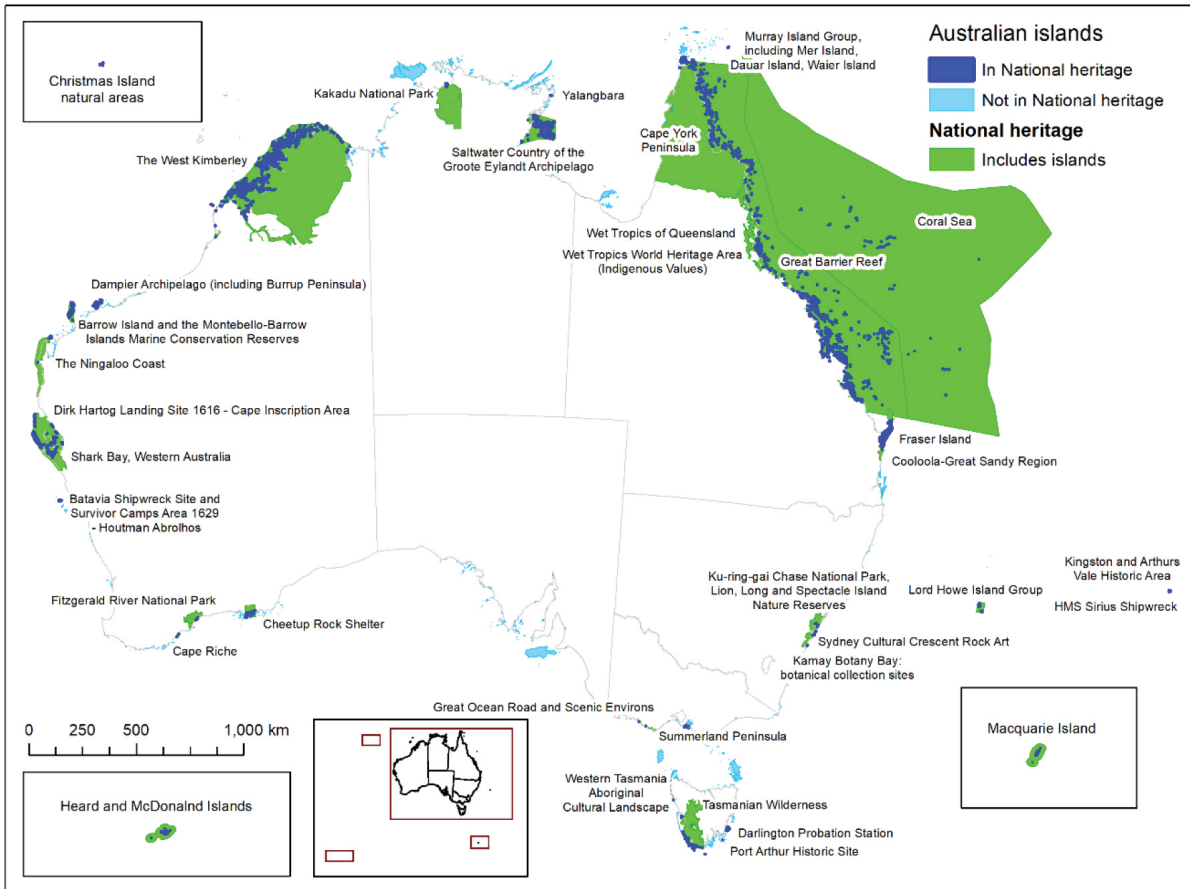
Jurisdiction	Plants	Fishes	Amphibia	Reptiles	Birds	Mammals	All taxa
CWTH	10	2	0	2	3	7	11
NSW	17	0	1	1	6	6	19
NT	17	0	12	14	2	34	46
QLD	109	5	39	12	53	94	161
SA	119	1	0	3	69	38	129
TAS	84	2	0	2	105	71	142
VIC	12	0	0	0	39	34	48
WA	150	0	0	2	5	49	187
Total	517	10	52	36	282	333	742

Figure S1a: Map of Australia depicting islands that are entirely or partly included as World Heritage Sites (map created by Noam Levin)



World Heritage Island Sites maps

Figure S1b: Map of Australia depicting islands that are entirely or partly included in Australia's National Heritage List (map created by Noam Levin)



Island ranking summary tables

The following tables summarise islands with the high levels of threatened species, threats, or other quantities relevant to management.

Table S9. *Islands with the greatest number of threatened species (5 or more per island)*

	Name	State	Number of Threatened species
1	Norfolk Island	CWTH	55
2	Kangaroo Island	SA	27
3	Phillip Island	CWTH	22
4	Flinders Island	TAS	19
5	King Island	TAS	18
6	Melville Island	NT	17
7	Bruny Island	TAS	15
8	Lord Howe Island	NSW	15
9	Macquarie Island	TAS	14
10	Bathurst Island	NT	13
11	Fraser Island	QLD	13
12	Christmas Island	CWTH	12
13	Maria Island	TAS	10
14	North Stradbroke Island	QLD	10
15	Bribie Island	QLD	8
16	Barrow Island	WA	8
17	Hunter Island	TAS	7
18	Three Hummock Island	TAS	7
19	Schouten Island	TAS	6
20	Cape Barren Island	TAS	6
21	French Island	VIC	6
22	Augustus Island	WA	6
23	Maatsuyker Island	TAS	5
24	Robbins Island	TAS	5
25	Moa Island	QLD	5
26	South Stradbroke Island	QLD	5
27	Curtis Island	QLD	5
28	Bernier Island	WA	5
29	Dorre Island	WA	5
30	Ball's Pyramid	NSW	5
31	Nepean Island	CWTH	5
32	Heard Island	CWTH	5

Table S10. Australian islands with the greatest number of invasive species

	Name	State	Invasive species	Threatened species
1	Kangaroo Island	SA	456	27
2	Lord Howe Island	NSW	278	15
3	Norfolk Island	CWTH	269	55
4	Phillip Island	VIC	247	4
5	King Island	TAS	214	18
6	Flinders Island	TAS	132	19
7	Moreton Island	QLD	102	3
8	French Island	VIC	72	6
9	St Helena Island	QLD	56	1
10	Reevesby Island	SA	55	1
11	Clarke Island	TAS	54	3
12	Bribie Island	QLD	53	8
13	North Stradbroke Island	QLD	52	10
14	Christmas Island	CWTH	49	12
15	Three Hummock Island	TAS	49	7
16	Koolan Island	WA	49	2
17	Curtis Island	QLD	46	5
18	Magnetic Island	QLD	45	4
19	Maria Island	TAS	44	10
20	Bruny Island	TAS	40	15
21	Fraser Island	QLD	36	13
22	Spilsby Island	SA	35	0
23	Lindeman Island	QLD	34	1
24	Flinders Island	SA	34	1
25	Waterhouse Island	TAS	32	1
26	Rat Island	WA	31	1
27	West Island	SA	30	1



Table S11. *Islands with the greatest number of weeds*

	Name	State	Weed species	Threatened species
1	Kangaroo Island	SA	425	27
2	Lord Howe Island	NSW	258	15
3	Norfolk Island	CWTH	251	55
4	Phillip Island	VIC	215	4
5	King Island	TAS	194	18
6	Flinders Island	TAS	114	19
7	Moreton Island	QLD	90	3
8	St Helena Island	QLD	51	1
9	Reevesby Island	SA	50	1
10	Koolan Island	WA	49	2
11	Clarke Island	TAS	44	3
12	French Island	VIC	43	6
13	Three Hummock Island	TAS	38	7
14	North Stradbroke Island	QLD	35	10
15	Bribie Island	QLD	33	8
16	Curtis Island	QLD	33	5
17	Christmas Island	CWTH	32	12
18	Rat Island	WA	30	1
19	Lancelin Island	WA	29	1
20	West Island	SA	28	1
21	Lindeman Island	QLD	28	1
22	Magnetic Island	QLD	28	4
23	Spilsby Island	SA	27	0
24	St Francis Island	SA	26	1
25	East Wallabi Island	WA	26	2
26	Escape Island	WA	25	2
27	Flinders Island	SA	25	1

Table S12. Islands with the greatest number of invasive vertebrates

	Name	State	Invasive vertebrates	Threatened species
1	Phillip Island	VIC	32	4
2	Kangaroo Island	SA	31	27
3	French Island	VIC	29	6
4	Maria Island	TAS	28	10
5	Fraser Island	QLD	21	13
6	Bribie Island	QLD	20	8
7	King Island	TAS	20	18
8	Lord Howe Island	NSW	20	15
9	Flinders Island	TAS	18	19
10	Norfolk Island	CWTH	18	55
11	North Stradbroke Island	QLD	17	10
12	Magnetic Island	QLD	17	4
13	Christmas Island	CWTH	17	12
14	Swan Island	VIC	16	3
15	Bruny Island	TAS	16	15
16	Snake Island	VIC	15	3
17	Churchill Island	VIC	13	1
18	Curtis Island	QLD	13	5
19	Deal Island	TAS	13	0
20	Moreton Island	QLD	12	3
21	Griffith Island	VIC	12	0
22	Great Dog Island	TAS	11	0
23	Hinchinbrook Island	QLD	11	3
24	Three Hummock Island	TAS	11	7
25	Prime Seal Island	TAS	11	2



Table S13. Islands where the number of threatened species is greater than the number of invasive species, ordered by decreasing threatened:invasive species (T/I) ratio. These may be efficient targets for invasive control; however, the exact species interactions are overlooked (see following table).

	Name	State	Invasive vertebrates (I)	Threatened species (T)	T/I ratio
1	Maatsuyker Island	TAS	1	5	5
2	Hermite Island	WA	1	4	4
3	Uwins Island	WA	1	3	3
4	Roach Island	NSW	1	3	3
5	Macquarie Island	TAS	6	14	2.3
6	Wollaston Island	WA	1	2	2
7	Stanley Island	QLD	1	2	2
8	Phillip Island	CWTH	14	22	1.6
9	Melville Island	NT	17	17	1
10	Marchinbar Island	NT	2	2	1
11	Inglis Island	NT	2	2	1
12	Airlie Island	WA	1	1	1
13	Great Glennie Island	VIC	1	1	1
14	Salutation Island	WA	1	1	1
15	Michaelmas Island	WA	1	1	1
16	New Year Island	NT	1	1	1
17	Turtle Head Island	QLD	1	1	1
18	Sir Graham Moore Island	WA	1	1	1
19	Purrungku Island	WA	1	1	1
20	North Twin Peak Island	WA	1	1	1
21	Boxer Island	WA	1	1	1
22	Carlisle Island	QLD	1	1	1
23	Shelter Island	WA	1	1	1
24	Booby Island	QLD	1	1	1
25	Cone Islet	TAS	1	1	1
26	Eastern Island	VIC	1	1	1
27	Forbes Island A	QLD	1	1	1
28	Little Chalky Island	TAS	1	1	1
29	Little Broughton Island	NSW	1	1	1
30	South Island	CWTH	1	1	1
31	Direction Island	CWTH	1	1	1
32	Raine Island	QLD	1	1	1
33	Woogoompah Island	QLD	1	1	1

Table S14. Islands with most threatened species relative to threatened-invasive species interactions. This list is comprised of islands where the number of threatening interactions from invasive "guilds" (e.g. weeds or invasive herbivores) is fewer than number of affected threatened species, suggesting higher potential benefits from invasive species control. This table enhances the coarse-level threatened to invasive species rankings above by accounting for interspecific interactions. For example, Fraser Island (K'gari) in Queensland has 36 invasive species, impacting 8 of its 13 threatened species. The invasive species impacts are from 5 guilds suggesting reducing impact of one invasive guild may benefit more than one threatened species (1.6 species on average). Values provided in the table should be treated as illustrative only, given data uncertainties and age. .

	Island name	Jurisdiction	No. of threatened species	No. of invasive species	No. of inter-specific threats	No. of threats from invasive guilds	No. of affected threatened species	No. of impacting invasive guilds	Threat ratio
1	Phillip	CWTH	22	14	176	16	16	1	16.0
2	Norfolk	CWTH	55	269	9101	60	40	6	6.7
3	Faure	WA	4	20	3	3	3	1	3.0
4	Kangaroo	SA	27	456	5602	33	21	8	2.6
5	Melville	NT	17	17	49	20	12	5	2.4
6	Lord Howe	NSW	15	278	1059	17	11	5	2.2
7	King	TAS	18	214	1034	23	13	6	2.2
8	Maatsuyker	TAS	5	1	2	2	2	1	2.0
9	Macquarie	TAS	14	6	8	5	4	2	2.0
10	Bathurst	NT	13	16	39	17	10	5	2.0
11	Christmas	CWTH	12	49	58	14	7	4	1.8
12	Fraser	QLD	13	36	70	12	8	5	1.6
13	Dirk Hartog	WA	3	5	6	4	3	2	1.5
14	North Stradbroke	QLD	10	52	117	7	7	5	1.4
15	Flinders	TAS	19	132	379	14	8	6	1.3
16	Bruny	TAS	15	40	101	12	6	5	1.2

Table S15. Summary of Australian islands with reference to threatened and invasive species database records

Number of offshore Australian islands	9285
Number of invasive-free islands	8543
Number of islands with invasive species (weeds or vertebrates)	742
Number of islands with weeds	517
Number of islands with invasive vertebrates	495
Number of islands with species listed as threatened under the EPBC Act	317
Number of invasive-free islands with threatened species (existing Safe Havens). The 25 most threatened-species rich islands are listed in the next table below	132
Number of islands with neither invasive nor threatened species - potential Arks: The largest 42 shown in the second table below	8411

Table S16. Islands with threatened species but no invasive species (currently acting as safe havens)

	Island Name	State	Threatened species
1	Barrow Island	WA	8
2	Augustus Island	WA	6
3	Bernier Island	WA	5
4	Dorre Island	WA	5
5	Ball's Pyramid	NSW	5
6	Nepean Island	CWTH	5
7	Heard Island	CWTH	5
8	Storr Island	WA	3
9	Bald Island	WA	3
10	Hidden Island	WA	3
11	Trimouille Island	WA	3
12	Blackburn Island	NSW	3
13	North Keeling Island	CWTH	3
14	Bishop and Clerk Islands (North)	TAS	3
15	Pedra Branca	TAS	2
16	Boongaree Island	WA	2
17	Adolphus Island	WA	2
18	Lachlan Island	WA	2
19	Molema Island	WA	2
20	Chambers Island	WA	2
21	Dolphin Island	WA	2
22	Mondrain Island	WA	2
23	Workhouse Islet	CWTH	2
24	McDonald Island	CWTH	2
25	Judge And Clerk Islands (North)	TAS	2



Table S17. The largest Australian islands with no invasive species or threatened species (i.e., with high potential to act as arks or havens), ranked by decreasing area

	Island Name	State	Area, km ²
1	Endyalgout Island	NT	119.0
2	Isle Woodah	NT	64.4
3	Drysdale Island	NT	50.0
4	Banyan Island	NT	49.4
5	Balaclava Island	QLD	47.6
6	Winchelsea Island	NT	47.1
7	Field Island	NT	44.3
8	Rosewood Island	QLD	41.7
9	<i>(Island #3478, unnamed)</i>	WA	35.8
10	Enderby Island	WA	32.6
11	Dorcherty Island	NT	31.8
12	Denham Island	QLD	30.4
13	Clump Island	NT	28.5
14	West Intercourse Island	WA	24.1
15	Wigram Island	NT	22.7
16	Long Island	QLD	22.2
17	Cotton Island	NT	21.1
18	<i>(Island # 8176, unnamed)</i>	QLD	20.8
19	Mooroonga Island	NT	20.7
20	<i>(Island # 7769, unnamed)</i>	WA	20.6
21	Gull Cay	QLD	20.6
22	Forsyth Island	QLD	18.4
23	Katers Island	WA	16.8
24	Watson Island	NT	14.2
25	Champagny Island	WA	14.0
26	Legendre Island	WA	13.2
27	Montgomery Islands	WA	13.0
28	Grant Island	NT	12.7
29	Peters Island (Part)	QLD	12.7
30	South West Osborne Island	WA	12.7
31	East Vernon Island	NT	12.5
32	Mallison Island	NT	12.5
33	Leicester Island	QLD	12.3
34	Buru Island	QLD	12.0
35	Lingnoonganee Island	QLD	11.8
36	<i>(Island # 2497, unnamed)</i>	NT	11.3
37	Rosemary Island	WA	11.3
38	<i>(Island #1334, unnamed)</i>	NT	11.0
39	Connexion Island	NT	10.5
40	Allen Island	QLD	10.3
41	East Lewis Island	WA	10.0
42	Sassie Island	QLD	10.0

Supplementary Information II

Island-occurring species listed as threatened (as of January 2019) under the EPBC Act:

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
Plants: 186 island populations of 122 species and subspecies (55 VU; 56 EN; 27 CR)					
<i>Abutilon julianae</i>	CR	2		Norfolk Island Abutilon	
<i>Achyranthes arborescens</i>	CR	1		Chaff Tree; Soft-wood; Forest Achyranthes	
<i>Achyranthes margaretarum</i>	CR	2		Phillip Island Chaffy Tree	
<i>Anthosachne kingiana subsp. kingiana</i>	CR	3		Phillip Island Wheat Grass	
<i>Archidendron lovelliae</i>	VU	1	yes	Bacon Wood; Tulip Siris	
<i>Arthraxon hispidus</i>	VU	1	yes	Hairy-joint Grass	
<i>Asplenium listeri</i>	CR	1		Christmas Island Spleenwort	
<i>Asterolasia phebalioides</i>	VU	1	yes	Downy Star-bush	
<i>Azorella macquariensis</i>	CR	1		Macquarie Azorella; Macquarie Cushions	
<i>Beyeria subsecta</i>	VU	1		Kangaroo Island Turpentine Bush	
<i>Blechnum norfolkianum</i>	EN	1		Norfolk Island Water-fern	
<i>Boehmeria australis subsp. australis</i>	CR	1		Tree Nettle; Nettletree	
<i>Burmannia sp. Bathurst Island (R.Fensham 1021)</i>	EN	1			
<i>Caladenia caudata</i>	VU	4	yes	Tailed Spider-orchid	
<i>Caladenia insularis</i>	VU	1		French Island Spider-orchid	
<i>Caladenia ovata</i>	VU	1	yes	Kangaroo Island Spider-orchid	
<i>Calystegia affinis</i>	CR	2			
<i>Cheiranthra volubilis</i>	VU	1		Twining Finger Flower	
<i>Clematis dubia</i>	CR	1			
<i>Conospermum hookeri</i>	VU	2	yes	Variable Smoke-bush	
<i>Coprosma baueri</i>	EN	2		Coastal Coprosma	
<i>Coprosma pilosa</i>	EN	1		Mountain Coprosma	
<i>Cordyline obtecta</i>	VU	2		Ti; Cordyline	
<i>Correa calycina</i>	VU	1	yes	Hindmarsh Correa	
<i>Corybas sulcatus</i>	CR	1		Grooved Helmet-orchid	
<i>Corymbia xanthope</i>	VU	1	yes	Glen Geddes Bloodwood	
<i>Cryptocarya foetida</i>	VU	3	yes	Stinking Cryptocarya; Stinking Laurel	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Dendrobium bigibbum</i>	VU	7	yes	Cooktown Orchid	
<i>Dendrobium brachypus</i>	EN	1		Norfolk Island Orchid	
<i>Dendrobium johannis</i>	VU	8	yes	Chocolate Tea Tree Orchid; Brown Antelope Orchid	
<i>Dendrobium mirbelianum</i>	EN	1	yes	Dark-stemmed Antler Orchid; Mangrove Orchid	
<i>Dichanthium setosum</i>	VU	2	yes	Bluegrass	
<i>Dischidia litoralis</i>	VU	3			
<i>Dysoxylum bijugum</i>	VU	2		Sharkwood	
<i>Elatostema montanum</i>	CR	1		Mountain Procris	
<i>Epacris barbata</i>	EN	1	yes	Bearded Heath; Freycinet Heath	
<i>Eucalyptus insularis</i>	EN	1	yes	Twin Peak Island Mallee	
<i>Eucalyptus paludicola</i>	EN	1	yes	Mount Compass Swamp Gum; Fleurieu Swamp Gum; Marsh Gum	
<i>Euphorbia norfolkiana</i>	CR	2		Norfolk Island Euphorbia	
<i>Euphorbia obliqua</i>	VU	1			
<i>Euphrasia collina</i> <i>subsp. osbornii</i>	EN	1	yes	Osborn's Eyebright	
<i>Euphrasia fragosa</i>	CR	1	yes	Shy Eyebright; Southport Eyebright	
<i>Galium antarcticum</i>	CR	1		Subantarctic Bedstraw	
<i>Geniostoma huttonii</i>	EN	1			
<i>Germainia capitata</i>	VU	2	yes		
<i>Hibiscus insularis</i>	CR	2		Phillip Island Hibiscus	
<i>Hoya australis subsp. oramicola</i>	VU	2			
<i>Hydriastele costata</i>	VU	1	yes	Gulubia Palm	
<i>Hypolepis dicksonioides</i>	VU	2		Downy Ground-fern; Brake Fern; Ground Fern	
<i>Hypolepis distans</i>	EN	1	yes	Scrambling Ground-fern	
<i>Ileostylus micranthus</i>	VU	1			
<i>Lastreopsis calantha</i>	EN	1		Shield-fern; Shieldfern	
<i>Leionema equestre</i>	EN	1		Kangaroo Island Phebalium	
<i>Lepidium hyssopifolium</i>	EN	1	yes	Basalt Pepper-cress; Peppercress; Rubble Pepper-cress; Pepperweed	
<i>Lepidorrhachis mooreana</i>	CR	1		Little Mountain Palm; Moorei Palm	
<i>Logania insularis</i>	VU	1		Kangaroo Island Logania	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Macrozamia pauli-guilielmi</i>	EN	1	yes	Pineapple Zamia	
<i>Marattia salicina</i>	EN	1		King Fern; Para; Potato Fern	
<i>Marsdenia brevifolia</i>	VU	1	yes		
<i>Medicosma obovata</i>	VU	1	yes		
<i>Melicope littoralis</i>	VU	1		Shade Tree	
<i>Melicytus latifolius</i>	CR	1		Norfolk Island Mahoe	
<i>Melicytus ramiflorus subsp. oblongifolius</i>	VU	1		Whiteywood	
<i>Meryta angustifolia</i>	VU	1			
<i>Meryta latifolia</i>	CR	2		Shade Tree; Broad-leaved Meryta	
<i>Mitrella tiwiensis</i>	VU	2			
<i>Muehlenbeckia australis</i>	EN	2		Shrubby Creeper; Pohuehue	
<i>Myoporum obscurum</i>	CR	1		Popwood; Sandalwood; Bastard Ironwood	
<i>Myrmecodia beccarii</i>	VU	1	yes	Ant Plant	
<i>Myrsine ralstoniae</i>	VU	1		Beech	
<i>Nematoceras dienemum</i>	CR	1		Windswept Helmet-orchid	<i>Corybas dienemus</i>
<i>Olearia hygrophila</i>	EN	1		Swamp Daisy; Water Daisy	
<i>Olearia microdisca</i>	EN	1		Small-flowered Daisy-bush	
<i>Olearia pannosa subsp. pannosa</i>	VU	1	yes	Silver Daisy-bush	
<i>Omphalea celata</i>	VU	1	yes		
<i>Ozothamnus eriocephalus</i>	VU	1	yes		
<i>Pennantia endlicheri</i>	EN	1		Pennantia	
<i>Persicaria elatior</i>	VU	2	yes	Knotweed	
<i>Phaius australis</i>	EN	7	yes	Lesser Swamp-orchid	
<i>Phaius bernaysii</i>	EN	2		Yellow Swamp-orchid	
<i>Phreatia limenophylax</i>	CR	1		Norfolk Island Phreatia	
<i>Phreatia paleata</i>	EN	1			
<i>Pittosporum bracteolatum</i>	VU	1		Oleander	
<i>Planchonella costata</i>	EN	1		Bastard Ironwood	
<i>Pneumatopteris truncata</i>	CR	1			
<i>Polyphlebium endlicherianum</i>	EN	1	yes	Middle Filmy Fern	
<i>Polystichum moorei</i>	EN	1		Rock Shield Fern	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Pomaderris halmaturina</i> subsp. <i>halmaturina</i>	VU	1	yes	Kangaroo Island Pomaderris	
<i>Prasophyllum apoxychilum</i>	EN	1	yes	Tapered Leek-orchid	
<i>Prasophyllum atratum</i>	CR	1		Three Hummock Leek-orchid	
<i>Prasophyllum castaneum</i>	CR	1	yes	Chestnut Leek-orchid	
<i>Prasophyllum pulchellum</i>	CR	1	yes	Pretty Leek-orchid	
<i>Prasophyllum secutum</i>	EN	2	yes	Northern Leek-orchid	
<i>Pteris kingiana</i>	EN	2		King's Brakefern	
<i>Pteris zahlbruckneriana</i>	EN	1		Netted Brakefern	
<i>Pterostylis chlorogramma</i>	VU	1	yes	Green-striped Greenhood	
<i>Pterostylis cucullata</i>	VU	3	yes	Leafy Greenhood	
<i>Ptilotus beckerianus</i>	VU	1	yes	Ironstone Mulla Mulla	
<i>Pultenaea villifera</i> var. <i>glabrescens</i>	VU	1		Yellow Bush-pea; Splendid Bush-pea	
<i>Samadera bidwillii</i>	VU	1	yes	Quassia	
<i>Senecio australis</i>	VU	3			
<i>Senecio evansianus</i>	EN	1			
<i>Senecio hooglandii</i>	VU	3			
<i>Senecio psilocarpus</i>	VU	2	yes	Swamp Fireweed; Smooth-fruited Groundsel	
<i>Solanum dunalianum</i>	VU	2	yes		
<i>Spyridium eriocephalum</i> var. <i>glabrisepalum</i>	VU	1		MacGillivray Spyridium	
<i>Streblus pendulinus</i>	EN	1		Siah's Backbone; Sia's Backbone; Isaac Wood	
<i>Taeniophyllum norfolkianum</i>	VU	1		Minute Orchid; Ribbon-root Orchid	
<i>Taraxacum cygnorum</i>	VU	3	yes	Coast Dandelion	
<i>Tectaria devexa</i>	EN	1	yes		
<i>Tecticornia flabelliformis</i>	VU	2	yes	Bead Glasswort	
<i>Thelymitra jonesii</i>	EN	3	yes	Sky-blue Sun-orchid	
<i>Thelymitra matthewsii</i>	VU	1	yes	Spiral Sun-orchid	
<i>Tmesipteris norfolkensis</i>	VU	1		Hanging Fork-fern; Norfolk Island Forkfern	
<i>Typhonium jonesii</i>	EN	2			
<i>Typhonium mirabile</i>	EN	1			

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Ungeria floribunda</i>	VU	1		Bastard Oak	
<i>Veronica derwentiana</i> <i>subsp. homalodonta</i>	CR	1	yes	Mount Lofty Speedwell	
<i>Wikstroemia australis</i>	CR	1		Kurrajong	
<i>Xylopi monosperma</i>	EN	2			
<i>Xylosma parvifolia</i>	EN	1			
<i>Zehneria baueriana</i>	EN	2		Native Cucumber; Giant Cucumber	
Invertebrates: 21 island populations of 13 species and subspecies (0 VU; 3 EN; 10 CR)					
<i>Advena campbellii</i>	CR	2		Campbell's Helicarionid Land Snail	
<i>Dryococelus australis</i>	CR	1		Lord Howe Island Phasmid; Lord Howe Phasmid	
<i>Engaeus martigener</i>	EN	2		Furieux Burrowing Crayfish	
<i>Gudeoconcha sophiae magnifica</i>	CR	1		Magnificent Helicarionid Land Snail	
<i>Lissotes latidens</i>	EN	1	yes	Broad-toothed Stag Beetle; Wielangta Stag Beetle	
<i>Mathewsoconcha grayi ms</i>	CR	3		Gray's Helicarionid Land Snail	
<i>Mathewsoconcha phillipii</i>	CR	2		Phillip Island Helicarionid Land Snail	
<i>Mathewsoconcha suteri</i>	CR	1		a helicarionid land snail	<i>Mathewsoconcha belli</i>
<i>Mystivagor mastersi</i>	CR	1		Masters' Charopid Land Snail	
<i>Placostylus bivaricosus</i>	EN	2		Lord Howe Flax Snail; Lord Howe Placostylus	
<i>Pseudocharopa ledgbirdi</i>	CR	1		Mount Lidgbird Charopid Land Snail	
<i>Pseudocharopa whiteleggei</i>	CR	1		Whitelegge's Land Snail	
<i>Quintalia stoddartii</i>	CR	3		Stoddart's Helicarionid Land Snail	<i>Quintalia flosculus</i>
Freshwater fish: 13 island populations of 7 species and subspecies (5 VU; 1 EN; 1 CR)					
<i>Galaxias auratus</i>	EN	2	yes	Golden Galaxias	
<i>Galaxias parvus</i>	VU	1	yes	Swamp Galaxias	
<i>Galaxias truttaceus hesperius</i>	CR	6	yes	Spotted Galaxias (western subspecies); Western Spotted Galaxias; Western Trout Galaxias	
<i>Galaxiella pusilla</i>	VU	1	yes	Dwarf Galaxias	
<i>Milyeringa veritas</i>	VU	1	yes	Blind Gudgeon	
<i>Prototroctes maraena</i>	VU	1	yes	Australian Grayling	
<i>Pseudomugil mellis</i>	VU	1	yes	Honey Blue-eye	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
Frogs: 14 island populations of 4 species and subspecies (3 VU; 1 EN; 0 CR)					
<i>Litoria aurea</i>	VU	2	yes	Green and Golden Bell Frog	
<i>Litoria olongburensis</i>	VU	5	yes	Wallum Sedge Frog; Olongburra Frog	
<i>Litoria raniformis</i>	VU	6	yes	Growling Grass Frog; Southern Bell Frog; Green and Golden Frog; Warty Swamp Frog	
<i>Litoria rheocola</i>	EN	1	yes	Common Mistfrog; Creek Frog	
Reptiles: 35 island populations of 13 species and subspecies (10 VU; 3 EN; 0 CR)					
<i>Aprasia rostrata rostrata</i>	VU	3	yes	Monte Bello Worm-lizard; Hermite Island Worm-lizard	<i>Aprasia rostrata</i>
<i>Christinus guentheri</i>	VU	9		Lord Howe Island Gecko; Lord Howe Island Southern Gecko	
<i>Cryptoblepharus gurrmul</i>	EN	3		Arafura Snake-eyed Skink	
<i>Ctenotus angusticeps</i>	VU	2	yes	Airlie Island Ctenotus	
<i>Ctenotus lanceolini</i>	VU	1	yes	Lancelin Island Skink	
<i>Cyrtodactylus sadleiri</i>	EN	1		Christmas Island Giant Gecko	
<i>Egernia stokesii badia</i>	EN	2	yes	Western Spiny-tailed Skink; Baudin Island Spiny-tailed Skink	
<i>Liasis olivaceus barroni</i>	VU	2	yes	Olive Python (Pilbara subspecies)	
<i>Liopholis pulchra longicauda</i>	VU	4		Jurien Bay Skink; Jurien Bay Rock-skink	
<i>Niveoscincus palfreymani</i>	VU	1		Pedra Branca Skink; Red-throated Skink	
<i>Oligosoma lichenigera</i>	VU	5		Lord Howe Island Skink	
<i>Ramphotyphlops exocoeti</i>	VU	1		Christmas Island Blind Snake; Christmas Island Pink Blind Snake	
<i>Saiphos reticulatus</i>	VU	1	yes	Three-toed Snake-tooth Skink	
Landbirds: 157 island populations of 44 species and subspecies (20 VU; 18 EN; 6 CR)					
<i>Acanthiza iredalei rosinae</i>	VU	1	yes	Gulf St Vincent Slender-billed Thornbill	
<i>Acanthiza pusilla archibaldi</i>	EN	1		King Island Brown Thornbill	
<i>Acanthornis magna greenianus</i>	CR	1		King Island Scrubtit; Scrubtit (King Island)	
<i>Accipiter hiogaster natalis</i>	EN	1		Christmas Island Goshawk	
<i>Anthochaera phrygia</i>	CR	1	yes	Regent Honeyeater	
<i>Aquila audax fleayi</i>	EN	20	yes	Tasmanian Wedge-tailed Eagle	
<i>Atrichornis clamosus</i>	EN	1	yes	Noisy Scrub-bird	
<i>Botaurus poiciloptilus</i>	EN	12	yes	Australasian bittern	
<i>Calyptorhynchus lathamii halmaturinus</i>	EN	1	yes	Kangaroo Island Glossy Black-Cockatoo	
<i>Casuaris casuaris johnsonii</i>	EN	1	yes	Australian Southern Cassowary	
<i>Cereopsis novaehollandiae grisea</i>	VU	26	yes	Recherche Cape Barren Goose	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Ceyx azureus diemenensis</i>	EN	1	yes	Tasmanian Azure Kingfisher	
<i>Chalcophaps indica natalis</i>	EN	1		Christmas Island Emerald Dove	
<i>Cyanoramphus novaezelandiae cookii</i>	EN	1		Norfolk Island Green Parrot	
<i>Epthianura crocea macgregori</i>	CR	1	yes	Capricorn Yellow Chat	
<i>Erythrotriorchis radiatus</i>	VU	5	yes	Red Goshawk	
<i>Erythrura gouldiae</i>	EN	1	yes	Gouldian Finch	<i>Chloebeia gouldiae</i>
<i>Geophaps scripta scripta</i>	VU	1	yes	Southern Squatter Pigeon	
<i>Geophaps smithii blaauwi</i>	VU	2	yes	Partridge Pigeon (western)	<i>Geophaps smithii</i>
<i>Hypotaenidia philippensis andrewsi</i>	EN	6		Cocos Keeling Buff-banded Rail	
<i>Hypotaenidia sylvestris</i>	EN	1		Lord Howe Woodhen	
<i>Lathamus discolor</i>	CR	12	yes	Swift Parrot	
<i>Malurus leucopterus edouardi</i>	VU	3		Barrow Island White-winged Fairy-wren	
<i>Malurus leucopterus leucopterus</i>	VU	1		Dirk Hartog White-winged Fairy-wren	
<i>Melanodryas cucullata melvillensis</i>	CR	2		Tiwi Islands Hooded Robin	
<i>Mirafrja javanica melvillensis</i>	VU	2		Tiwi Islands Horsfield's Bushlark	
<i>Neophema chrysogaster</i>	CR	15	yes	Orange-bellied Parrot	
<i>Ninox natalis</i>	VU	1		Christmas Island Hawk-Owl	
<i>Ninox novaeseelandiae undulata</i>	EN	1		Norfolk Island Boobook	
<i>Pachycephala pectoralis xanthoprocta</i>	VU	1		Norfolk Island Golden Whistler	
<i>Pardalotus quadragintus</i>	EN	5	yes	Forty-spotted Pardalote	
<i>Petroica multicolor</i>	VU	1		Norfolk Island Robin; Norfolk Robin; Norfolk Island Scarlet Robin; Pacific Robin; Pacific Robin (Norfolk Island)	
<i>Platycercus caledonicus brownii</i>	VU	1		King Island Green Rosella	
<i>Poephila cincta cincta</i>	EN	1	yes	Southern Black-throated Finch	
<i>Probosciger aterrimus macgillivrayi</i>	VU	4	yes	Australian Palm Cockatoo	
<i>Strepera fuliginosa colei</i>	VU	1		King Island Black Currawong	
<i>Strepera graculina crissalis</i>	VU	1		Lord Howe Pied Currawong	
<i>Turdus poliocephalus erythropleurus</i>	EN	1		Christmas Island Thrush	
<i>Turnix melanogaster</i>	VU	3	yes	Black-breasted Button-quail	
<i>Turnix varius scintillans</i>	VU	5		Houtman Abrolhos Painted Button-quail	
<i>Tyto novaehollandiae castanops</i>	VU	5	yes	Tasmanian Masked Owl	
<i>Tyto novaehollandiae kimberli</i>	VU	2	yes	Northern Masked Owl	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Tyto novaehollandiae melvillensis</i>	EN	2		Tiwi Islands Masked Owl	
<i>Zoothera lunulata halmaturina</i>	VU	1	yes	South Australian Bassian Thrush	
Seabirds: 114 island populations of 23 species and subspecies (14 VU; 7 EN; 2 CR)					
<i>Anous tenuirostris melanops</i>	VU	5		Lesser Noddy	<i>Anous tenuirostris</i>
<i>Diomedea exulans exulans</i>	VU	2		Wandering Albatross	<i>Diomedea exulans</i>
<i>Fregata andrewsi</i>	EN	1		Christmas Island Frigatebird	
<i>Fregetta grallaria grallaria</i>	VU	5		White-bellied Storm-Petrel	<i>Fregetta grallaria</i>
<i>Halobaena caerulea</i>	VU	2		Blue Petrel	
<i>Leucocarbo atriceps nivalis</i>	VU	1		Imperial Shag	<i>Leucocarbo atriceps</i>
<i>Leucocarbo atriceps purpurascens</i>	VU	2		Imperial Shag	<i>Leucocarbo atriceps</i>
<i>Macronectes giganteus</i>	EN	3		Southern Giant-Petrel	
<i>Macronectes halli</i>	VU	1		Northern Giant-Petrel	
<i>Pachyptila turtur subantarctica</i>	VU	3		Fairy Prion	<i>Pachyptila turtur</i>
<i>Papasula abbotti</i>	EN	1		Abbott's Booby	
<i>Phaethon lepturus fulvus</i>	EN	1		White-tailed Tropicbird	<i>Phaethon lepturus</i>
<i>Pterodroma arminjoniana</i>	CR	1		Round Island Petrel	
<i>Pterodroma heraldica</i>	CR	1		Herald Petrel	
<i>Pterodroma leucoptera leucoptera</i>	EN	4		Gould's Petrel	<i>Pterodroma leucoptera</i>
<i>Pterodroma mollis</i>	VU	2		Soft-plumaged Petrel	
<i>Pterodroma neglecta neglecta</i>	VU	2		Kermadec Petrel	<i>Pterodroma neglecta</i>
<i>Sterna vittata bethunei</i>	EN	1		Antarctic Tern	<i>Sterna vittata</i>
<i>Sterna vittata vittata</i>	VU	1		Antarctic Tern	<i>Sterna vittata</i>
<i>Sternula nereis nereis</i>	VU	66	yes	Fairy Tern	<i>Sternula nereis</i>
<i>Thalassarche cauta</i>	VU	3		Shy Albatross	
<i>Thalassarche chrysostoma</i>	EN	1		Grey-headed Albatross	
<i>Thalassarche melanophrys</i>	VU	5		Black-browed Albatross	
Mammals: 214 island populations of 55 species and subspecies (36 VU; 16 EN; 3 CR)					
<i>Antechinus bellus</i>	VU	2	yes	Fawn Antechinus	
<i>Antechinus minimus maritimus</i>	VU	6	yes	Swamp Antechinus (coastal Victoria and far south-eastern South Australia)	
<i>Bettongia lesueur lesueur</i>	VU	3	yes	Boodie (Shark Bay)	<i>Bettongia lesueur</i>
<i>Bettongia lesueur subsp Barrow and Boodie Is</i>	VU	3		Boodie; Burrowing Bettong (Barrow and Boodie Islands)	<i>Bettongia lesueur</i>

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Bettongia penicillata ogilbyi</i>	EN	3	yes	Woylie	<i>Bettongia penicillata</i>
<i>Conilurus penicillatus</i>	VU	6	yes	Brush-tailed Rabbit-rat	
<i>Crocidura trichura</i>	CR	1		Christmas Island Shrew	
<i>Dasyurus hallucatus</i>	EN	31	yes	Northern Quoll	
<i>Dasyurus viverrinus</i>	EN	1	yes	Eastern Quoll	
<i>Isoodon auratus auratus</i>	VU	7	yes	Golden Bandicoot (mainland)	<i>Isoodon auratus</i>
<i>Isoodon auratus barrowensis</i>	VU	5		Golden Bandicoot (Barrow Island)	<i>Isoodon auratus</i>
<i>Isoodon obesulus nauticus</i>	VU	3		Southern Brown Bandicoot (Nuyts Archipelago)	
<i>Isoodon obesulus obesulus</i>	EN	3	yes	Southern Brown Bandicoot (eastern); Southern Brown Bandicoot (south-eastern)	
<i>Lagorchestes conspicillatus conspicillatus</i>	VU	2		Spectacled Hare-wallaby (Barrow Island)	
<i>Lagorchestes hirsutus bernieri</i>	VU	1		Rufous Hare-wallaby (Shark Bay)	<i>Lagorchestes hirsutus</i>
<i>Lagorchestes hirsutus dorrae</i>	VU	1		Rufous Hare-wallaby (Dorre Island)	<i>Lagorchestes hirsutus</i>
<i>Lagorchestes hirsutus undescribed subsp inland 'mala'</i>	EN	1	Yes	Mala	<i>Lagorchestes hirsutus</i>
<i>Lagostrophus fasciatus fasciatus</i>	VU	3		Banded Hare-wallaby; Merrine; Marnine; Munning	<i>Lagostrophus fasciatus</i>
<i>Leporillus conditor</i>	VU	5	yes	Greater Stick-nest Rat	
<i>Macroderma gigas</i>	VU	14	yes	Ghost Bat	
<i>Macropus robustus isabellinus</i>	VU	1		Barrow Island Euro; Barrow Island Wallaroo	
<i>Macrotis lagotis</i>	VU	1	yes	Bilby	
<i>Mastacomys fuscus mordicus</i>	VU	1	yes	Broad-toothed Rat (mainland)	
<i>Mesembriomys gouldii melvillensis</i>	VU	1		Black-footed Tree-rat (Melville Island)	<i>Mesembriomys gouldii</i>
<i>Mesembriomys macrurus</i>	VU	11	yes	Golden-backed Tree-rat	
<i>Notomys aquilo</i>	VU	1	yes	Northern Hopping-mouse	
<i>Parantechinus apicalis</i>	EN	4	yes	Dibbler	
<i>Perameles bougainville bougainville</i>	EN	3	yes	Western Barred Bandicoot (Shark Bay)	<i>Perameles bougainville</i>
<i>Perameles gunnii gunnii</i>	VU	2	yes	Eastern Barred Bandicoot (Tasmania)	<i>Perameles gunnii</i>
<i>Perameles gunnii Victorian subspecies</i>	EN	1	yes	Eastern Barred Bandicoot (Victoria)	<i>Perameles gunnii</i>
<i>Petauroides volans</i>	VU	2	yes	Greater Glider	
<i>Petaurus gracilis</i>	EN	1	yes	Mahogany Glider	

Scientific Name	EPBCA listing	No. of island populations	Mainland distribution	Common Name(s)	IUCN name (if different)
<i>Petrogale concinna monastria</i>	EN	5	yes	Nabarlek (Kimberley)	<i>Petrogale concinna</i>
<i>Petrogale lateralis hacketti</i>	VU	3		Recherche Rock-wallaby	<i>Petrogale lateralis</i>
<i>Petrogale lateralis lateralis</i>	EN	2	yes	Black-flanked Rock-wallaby; Moororong; Black-footed Rock Wallaby	<i>Petrogale lateralis</i>
<i>Petrogale persephone</i>	EN	2	yes	Proserpine Rock-wallaby	
<i>Phascogale pirata</i>	VU	2	yes	Northern Brush-tailed Phascogale	
<i>Phascolarctos cinereus</i> (combined populations of Qld, NSW and the ACT)	VU	8	yes	Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory)	<i>Phascolarctos cinereus</i>
<i>Potorous gilbertii</i>	CR	2	yes	Gilbert's Potoroo	
<i>Potorous tridactylus apicalis</i>	VU	9	yes	Long-nosed Potoroo (Tasmania)	
<i>Pseudantechinus mimulus</i>	VU	4	yes	Carpentarian Antechinus	
<i>Pseudomys fieldi</i>	VU	3	yes	Djoongari; Shark Bay Mouse	
<i>Pseudomys novaehollandiae</i>	VU	3	yes	New Holland Mouse	
<i>Pseudomys shortridgei</i>	EN	1	yes	Heath Mouse	
<i>Pteropus conspicillatus</i>	VU	7	yes	Spectacled Flying-fox	
<i>Pteropus natalis</i>	CR	1		Blyth's flying fox; Christmas Island flying fox; Christmas Island fruit-bat	<i>Pteropus melanotus</i>
<i>Pteropus poliocephalus</i>	VU	10	yes	Grey-headed Flying-fox	
<i>Saccolaimus saccolaimus nudicluniatus</i>	VU	2	yes	Bare-rumped Sheath-tailed Bat	
<i>Sarcophilus harrisi</i>	EN	3	yes	Tasmanian Devil	
<i>Setonix brachyurus</i>	VU	2	yes	Quokka	
<i>Sminthopsis aitkeni</i>	EN	1		Kangaroo Island Dunnart	<i>Sminthopsis fuliginosis aitkeni</i>
<i>Sminthopsis butleri</i>	VU	2	yes	Butler's Dunnart	
<i>Tachyglossus aculeatus multiaculeatus</i>	EN	1		Kangaroo Island Echidna	
<i>Vombatus ursinus ursinus</i>	VU	2		Common Wombat (Bass Strait Islands)	
<i>Xeromys myoides</i>	VU	9	yes	Water Mouse	
Overall: 754 island populations of 281 species and subspecies (143 VU; 89 EN; 49 CR); 131 of which also have mainland distributions.					

Supplementary Information III. Abbreviations used

AllThSpp	All threatened (Australian terrestrial) species
CR	Critically endangered
CSV file	Comma separated variable file
CWTH	Commonwealth
EN	Endangered
EPBC Act	Environmental Protection and Biodiversity Conservation Act
GBRMPA	Great Barrier Reef Marine Park Authority
IOTAS	Island occurrences of threatened Australian species
IRAS	Indicators and Resource Analysis Section (of GBRMPA)
IUCN	International Union for Conservation of Nature
NESP	National Environmental Science Programme
NSW	New South Wales
NT	Northern Territory
QLD	Queensland
SA	South Australia
TAS	Tasmania
VIC	Victoria
VU	Vulnerable
WA	Western Australia

Supplementary Information III

Island characteristics for islands with terrestrial threatened species populations

Figure S3.1. Australia has over 9,000 islands ranging from small rock stacks up to the island of Tasmania which is 68,401 km². There are terrestrial threatened species records on 320 Australian islands (islands shaded green) spanning diverse climates, topographies and governing agencies. There are 397 threatened species (green bars) representing mammals, plants, birds, invertebrates, reptiles, amphibians, and fish (right to left). There are 1034 records of terrestrial threatened species on islands (orange bars) with mammals and plants with the most records.

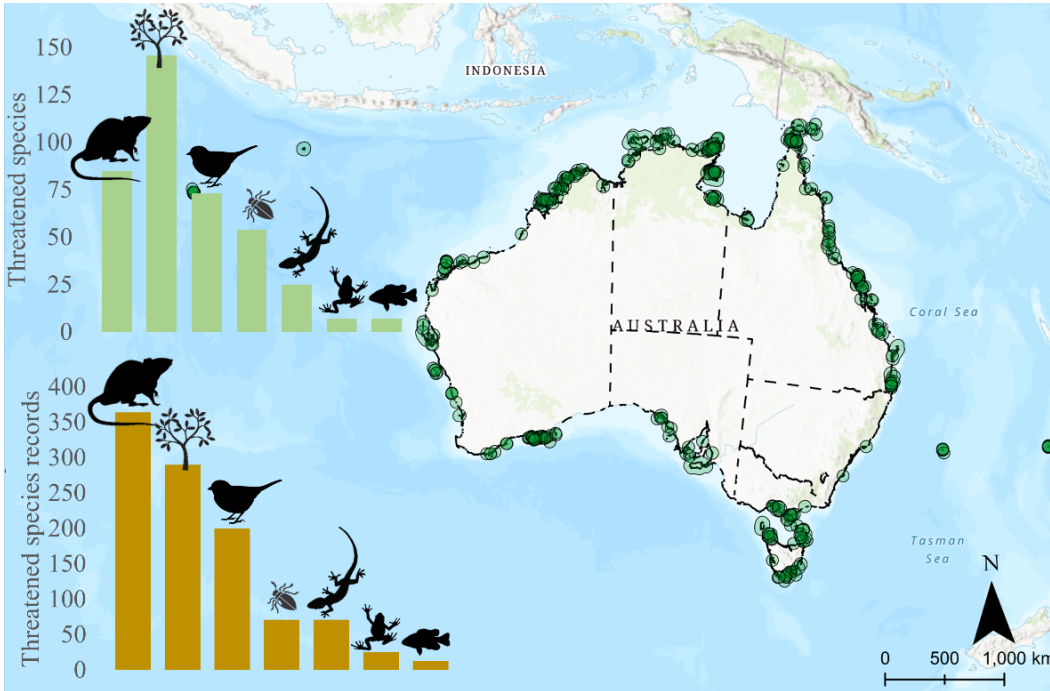


Figure S3.2. The number of islands with threatened species for the regional climate zones and for the Australian states and territories

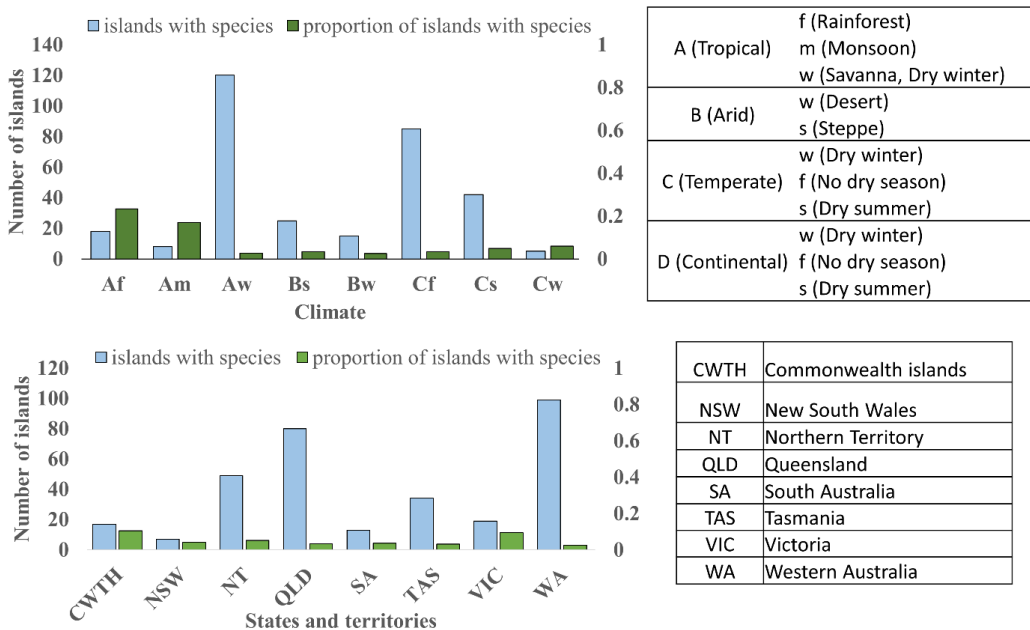


Figure S3.3. The number of invasive vertebrates per island

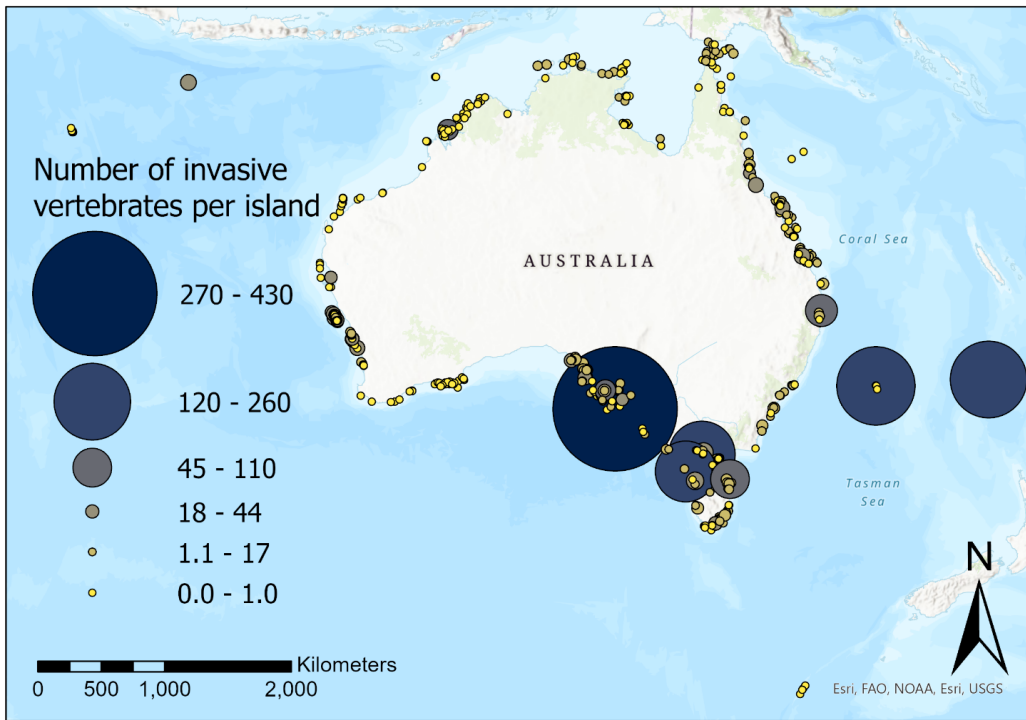


Figure S3.4. The number of invasive weeds per island

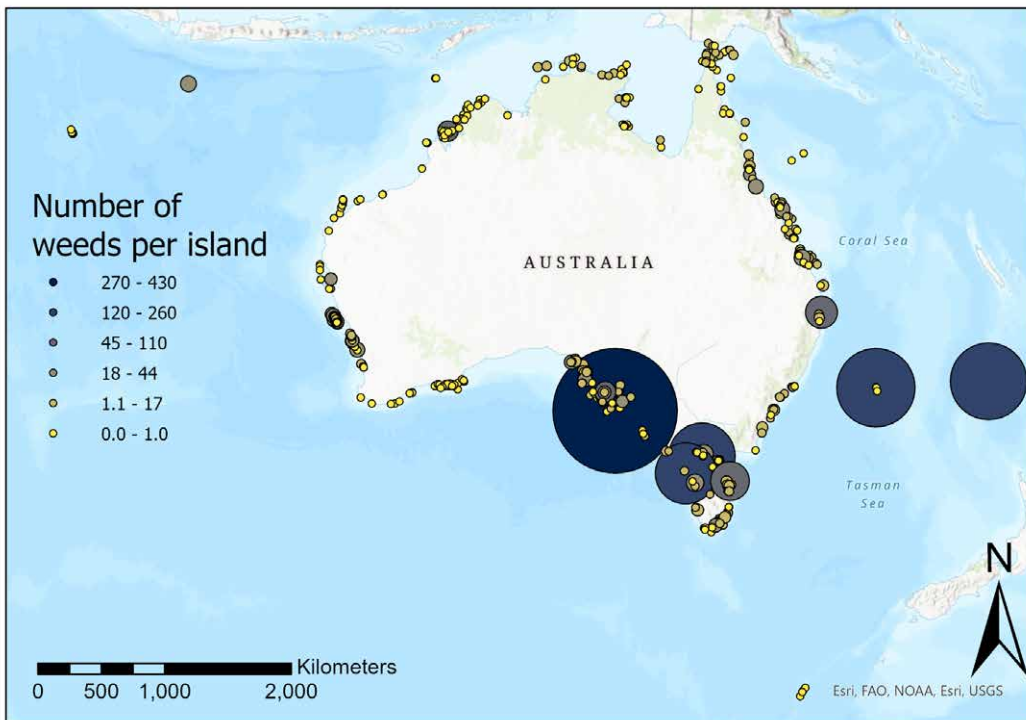


Table S3.1. *The number of threatened species on islands, and the conservation tenure present on those islands.*

Tenure	Fish	Frog	Invertebrate	Land Bird	Mammal	Plant	Reptile	Grand Total
None			4	21	8	8	5	46
Aboriginal Deed of Grant in Trust				2		32		34
Aboriginal Freehold - Inalienable			2	12	41	42	11	108
Aboriginal Freehold - National Park				2	3			5
Aboriginal Freehold And Leasehold				1	1	5	1	8
Aboriginal Local Govt Area Lease					1			1
Aboriginal Reserve				1	23		1	25
Conservation Reserve		12	25	88	134	77	34	374
Crown Leasehold				5	13	1	1	20
Defence				2	1		1	4
Freehold		1	1	8	23	9		42
Historic Site				3				3
Indigenous Protected Area					2			2
Lands Lease					1			1
Mixed Tenure	8	12	38	54	71	112	13	308
Reserved Crownland					4	1		5
Vacant Crownland	1		1	1	38	3	4	48

Table S3.2. Island characteristics for islands with threatened terrestrial species. IS_ID is the island identification code that corresponds to the threatened species on island database Island_ID field. Tenure comes from the "tenure" category in the CAPAD database. Regional ecosystem is the nearest regional ecosystem category from the IBRA7 database. The CAPAD % is the area of the island that is currently listed as conservation tenure in the CAPAD database. Mean temperature of the wettest month (x10) and mean precipitation are based on the Köppen-Geiger climate classification. Island isolation was measured by calculating the area of all neighbouring islands within 10 km, and the area of neighbouring islands between 0-50 km. The average number of fires is the average number of fire events on each island per year. Fire events were derived from NASA's MODIS Fire and Thermal Anomalies Product.

Island_id	Island Name	State	Tenure	Distance To Mainland (km)	Area (km ²)	Regional Ecosystem	Capad %	Elevation (M)	Human Population	Mean Temp. (X10 In Degree Celsius) (Wettest Month)	Mean Precipitation (Annual Rainfall)	50km-Neighbour Area (km ²)	10km-Neighbour Area (km ²)	Avg. Fires
15	Moa Island	QLD	Aboriginal Deed of Grant in Trust	52.5	170.3	Cape York Peninsula	0	360	563	274	1926	519.8	250.6	8.7
41	Nepean Islet	QLD		173.6	0.09	Cape York Peninsula	0	13	0	274	268	10.3	0.1	0
50	Zuna Island	QLD	Freehold	12.5	5.7	Cape York Peninsula	0	91	2	274	1679	344.3	90.1	0
62	Truant Island	NT	Aboriginal Freehold - Inalienable	35.0	3.1	Arnhem Coast	100	25	0	281	1374	250.6	3.1	0
68	Jensen Island	NT	Aboriginal Freehold and Leasehold	82.7	0.7	Arnhem Coast	100	18	0	282	1334	230.2	57.9	0
70	Milman Islet	QLD	Conservation Reserve	23.2	0.3	Arnhem Coast	82	16	0	282	266	16.9	0.6	0
78	Guluwuru Island	NT	Aboriginal Freehold - Inalienable	39.2	41.0	Arnhem Coast	100	48	1	280	1445	494.9	104.2	0
80	Raragala Island	NT	Aboriginal Freehold - Inalienable	36.5	93.6	Arnhem Coast	100	60	1	280	1487	653.2	136.1	0.05
101	Pobassoo Island	NT	Aboriginal Freehold - Inalienable	2.3	3.9	Arnhem Coast	100	72	0	279	1456	350.8	36.1	0
111	Probable Island	NT	Aboriginal Freehold - Inalienable	0.4	7.4	Arnhem Coast	100	60	0	279	1505	490.8	14.1	0
158		WA	Aboriginal Reserve	0.3	6.5	Arnhem Coast	100	81	0	285	908	116.5	7.9	0
248	Capstan Island	WA	Vacant Crownland	0.1	3.8	Cape York Peninsula	100	63	0	285	1347	302.2	68.9	0
291	Coronation Island	WA	Vacant Crownland	6.0	39.8	Northern Kimberley	0	141	0	284	1525	411.2	61.5	0.05
334	Uwins Island	WA	Aboriginal Reserve	0.2	33.2	Northern Kimberley	98	135	0	283	1472	482.1	43.0	0
401	Koolan Island	WA	Vacant Crownland	0.4	25.7	Northern Kimberley	0	184	138	286	986	262.1	44.3	0
554	Hermite Island	WA	Conservation Reserve	75.1	11.1	Carnarvon	90	23	0	238	232	263.6	23.7	0
586	Great Palm Island	QLD	Aboriginal Deed of Grant in Trust	25.3	55.5	Wet Tropics	0	545	1781	269	1980	343.7	76.1	0.6

587	Red Islet	WA		0.2	0.01	Wet Tropics	0	5	0	269	275	0.2	0.2	0
611	Rabbit Island	QLD	Conservation Reserve	0.9	4.8	Central Mackay Coast	72	93	0	274	1715	68.5	8.2	0
617	Airlie Island	WA	Conservation Reserve	28.8	0.3	Central Mackay Coast	100	18	0	300	293	31.3	0.3	0
746	East Franklin Island	SA	Conservation Reserve	15.9	2.3	Eyre Yorke Block	100	40	0	131	335	70.9	4.9	0
771	Bellinger Island	WA	Conservation Reserve	0.7	0.4	Eyre Yorke Block	100	20	0	131	170	19.0	0.4	0
791	Whitlock Island	WA	Conservation Reserve	2.5	0.06	Nsw North Coast	100	8	0	131	201	0.8	0.5	0
802	Thistle Island	SA	Freehold	7.3	41.0	Eyre Yorke Block	0	231	0	126	530	87.8	44.8	0
841	Phillip Island	VIC	Mixed Tenure	0.4	101.3	Eyre Yorke Block	19	103	730	109	890	282.5	143.1	0.2
862	Great Glennie Island	VIC	Conservation Reserve	6.9	1.5	South East Coastal Plain	100	129	0	111	1067	63.5	3.9	0
884	Boatswain Island	VIC	Conservation Reserve	5.8	0.3	Kanmantoo	0	7	0	108	644	146.6	3.7	0
887	French Island	VIC	Mixed Tenure	1.8	170.0	South East Coastal Plain	100	105	0	112	875	279.3	224.3	1.0
908	Walker Island	TAS	Freehold	13.0	6.6	Warren	0	34	2	106	997	261.5	82.6	0
912	Trefoil Island	TAS	Aboriginal Freehold and Leasehold	2.2	1.2	King	0	81	0	106	977	261.9	21.2	0
946	Partridge Island	TAS	Conservation Reserve	4.3	1.1	King	100	34	0	96	878	361.7	53.4	0
976	Schouten Island	TAS	Conservation Reserve	1.0	27.8	Tasmanian West	100	392	0	142	773	130.5	27.9	0
986	Smooth Island	TAS	Freehold	2.3	0.6	Tasmanian West	0	37	0	142	130	214.6	1.0	0
1000	Snake Island	TAS		3.3	0.04	Tasmanian West	100	4	0	142	125	364.0	83.9	0
1023	Maatsuyker Island	TAS	Conservation Reserve	10.3	1.8	Tasmanian West	100	275	0	92	1886	10.9	8.1	0
1057	Friday Island	QLD	Freehold	30.4	4.9	Cape York Peninsula	0	103	0	275	1702	502.1	142.2	0
1067	Darnley Island	QLD	Aboriginal Deed of Grant in Trust	179.1	5.8	Cape York Peninsula	0	103	2	274	1467	14.3	5.8	0
1072	Maer Island	QLD	Aboriginal Deed of Grant in Trust	181.3	4.1	Cape York Peninsula	0	103	1	274	1392	10.6	4.8	0
1118	North Point Island	NT	Aboriginal Freehold - Inalienable	47.8	1.5	Tiwi Cobourg	100	36	0	283	1081	1478.6	56.5	0
1126	Toombuli Island	NT	Aboriginal Freehold - Inalienable	6.5	8.5	Arnhem Coast	100	31	0	281	1542	608.2	49.9	0
1200	Finch Island	NT	Aboriginal Freehold - Inalienable	50.4	0.8	Arnhem Coast	100	59	0	283	1103	2036.2	141.7	0
1237	Jar Island	WA	Aboriginal Reserve	1.1	1.7	Northern Kimberley	100	55	0	287	976	126.2	2.7	0
1248	Borda Island	WA	Vacant Crownland	2.1	6.8	Cape York Peninsula	100	107	0	285	1114	126.8	31.1	0
1277	Connexion Island	NT	Aboriginal Freehold - Inalienable	33.3	10.5	Northern Kimberley	100	40	2	283	1311	2165.2	54.3	0
1528	Sweers Island	QLD	Aboriginal Deed of Grant in Trust	32.1	11.3	Northern Kimberley	100	24	1	287	1163	186.1	49.6	0

1569	Green Island	QLD	Mixed Tenure	12.5	0.2	Northern Kimberley	43	17	0	287	252	4.8	0.2	0
1578	Bentinck Island	QLD	Aboriginal Local Govt Area Lease	25.8	138.8	Gulf Plains	100	24	1	287	1168	670.6	152.4	1.7
1591	Depuch Island	WA	Reserved Crownland	2.7	11.4	Northern Kimberley	0	154	0	306	374	15.5	12.4	0
1596	Gloucester Island	QLD	Conservation Reserve	1.0	26.6	Northern Kimberley	100	532	0	268	1421	95.9	27.8	0.05
1599	Hook Island	QLD	Conservation Reserve	14.3	54.2	Brigalow Belt North	98	437	0	269	1846	277.3	104.4	0.05
1665	Scawfell Island	QLD	Conservation Reserve	42.5	11.2	Carnarvon	100	390	0	265	1788	60.2	12.7	0
1786	Salutation Island	WA	Conservation Reserve	4.2	1.7	South Eastern Queensland	98	19	0	196	277	9.2	1.8	0
1791	St Helena Island	QLD	Conservation Reserve	5.2	1.9	South Eastern Queensland	43	19	2	250	1227	656.7	12.8	0
1800	North Island	WA	Conservation Reserve	59.8	1.9	South Eastern Queensland	0	19	0	180	434	13.5	1.9	0
1821	Broughton Island	NSW	Conservation Reserve	2.3	1.5	Swan Coastal Plain	82	70	0	153	1320	7.8	1.9	0
1858	Station Island	WA	Conservation Reserve	0.8	0.4	Esperance Plains	100	33	0	153	171	33.7	1.8	0
1873	Favorite Island	WA	Conservation Reserve	3.2	0.03	Geraldton Sandplains	100	7	0	153	202	0.8	0.6	0
1874	Boullanger Island	WA	Conservation Reserve	1.1	0.3	#N/A	100	5	0	158	573	0.8	0.5	0
1897	Westall Island	WA	Conservation Reserve	18.1	0.7	Eyre Yorke Block	100	21	0	137	624	25.6	0.9	0
1903	Wilson Island	WA	Conservation Reserve	14.7	0.9	Esperance Plains	100	54	0	137	170	37.0	9.3	0
1907	Salisbury Island	WA	Conservation Reserve	43.9	3.5	Esperance Plains	100	128	0	138	657	18.8	3.5	0
1909	Doubtful Islands	WA	Conservation Reserve	0.2	0.5	Esperance Plains	94	57	0	138	167	1.7	1.3	0
1932	Snake Island	VIC	Conservation Reserve	2.4	44.6	South East Coastal Plain	0	21	0	113	935	119.2	76.7	0.2
1937	Wedge Island	SA	Conservation Reserve	31.0	9.4	South East Coastal Plain	0	66	0	127	502	62.2	10.2	0.05
1971	Michaelmas Island	WA	Conservation Reserve	2.2	1.0	South East Corner	100	130	0	131	883	12.9	2.4	0
1989	Outer Sister Island	TAS	Conservation Reserve	119.2	5.3	Warren	100	173	0	114	838	984.2	23.0	0
2018	Perkins Island	TAS	Conservation Reserve	0.1	10.8	Tasmanian Southern Ranges	22	15	3	104	1087	261.2	44.0	0.05
2056	Betsey Island	TAS	Conservation Reserve	1.3	1.8	Tasmanian West	100	138	7	133	704	334.8	5.3	0
2125	Wednesday Island	QLD	Reserved Crownland	22.8	8.3	Cape York Peninsula	0	86	1	275	1895	589.2	68.8	0
2129	Bramble Cay	QLD		225.2	0.04	Cape York Peninsula	0	86	0	275	267	1.5	0.0	0
2156	New Year Island	NT	Aboriginal Freehold and Leasehold	47.9	0.8	Cape York Peninsula	0	86	0	275	274	36.1	0.8	0
2157	Turtle Head Island	QLD	Check	0.9	12.5	Cape York Peninsula	0	35	33	273	1828	59.5	15.7	0
2161	Croker Island	NT	Aboriginal Freehold - Inalienable	2.5	324.1	Cape York Peninsula	0	76	140	280	1403	495.0	330.2	65.7

2184	Bathurst Island	NT	Aboriginal Freehold - Inalienable	56.7	1693.2	Tiwi Cobourg	0	118	1326	281	1672	5034.3	2242.7	587
2240	Wallaby Island	QLD		0.1	0.2	Arnhem Coast	0	10	0	281	270	3.1	0.2	0
2264	Angarmbulumardja Island	NT	Aboriginal Freehold - Inalienable	48.3	1.7	Cape York Peninsula	100	32	0	282	1113	1778.0	110.2	0
2277	Bigge Island	WA	Vacant Crownland	3.8	175.0	Arnhem Coast	99	140	0	284	1442	398.8	207.4	12.2
2347	Sir Graham Moore Island	WA	Reserved Crownland	2.9	28.4	Northern Kimberley	0	69	0	287	1036	89.0	36.8	1.5
2374	Purringku Island	WA	Aboriginal Reserve	0.04	13.4	Northern Kimberley	100	80	0	285	1410	377.0	84.3	0.2
2450	Storr Island	WA	Aboriginal Reserve	0.3	21.2	Northern Kimberley	100	176	0	284	1004	95.6	34.9	0
2492	Vanderlin Island	NT	Aboriginal Freehold - Inalienable	5.7	264.3	Northern Kimberley	100	95	0	284	1107	696.4	293.0	41.9
2614	Long Island	WA	Vacant Crownland	7.5	13.4	Northern Kimberley	0	62	0	291	853	175.6	24.0	0
2653	West Lewis Island	WA	Conservation Reserve	9.1	19.7	Northern Kimberley	100	105	0	301	268	190.9	78.7	0
2670	North West Island	WA	Conservation Reserve	86.1	1.2	Pilbara	100	16	0	239	234	159.0	17.0	0
2726	Brampton Island	QLD	Conservation Reserve	22.6	4.5	Pilbara	91	208	0	272	1753	95.2	10.2	0
2729	Newry Island	QLD	Conservation Reserve	2.8	0.6	Central Mackay Coast	95	74	0	274	1722	66.1	8.1	0
2811	Facing Island	QLD	Reserved Crownland	4.2	30.0	South Eastern Queensland	0	62	1	266	966	792.4	132.6	0.2
2823	Dirk Hartog Island	WA	Crown Leasehold	1.5	627.8	South Eastern Queensland	99	191	1	205	274	677.4	627.8	0
2860	South Stradbroke Island	QLD	Mixed Tenure	0.2	20.2	Yalgoo	71	23	21	239	1462	397.0	109.1	0.05
2864	West Wallabi Island	WA	Conservation Reserve	59.1	6.1	Yalgoo	0	23	0	180	446	14.4	9.9	0
2870		WA		61.6	0.03	South Eastern Queensland	0	50	0	180	207	16.7	1.2	0
2875	Rottneest Island	WA	Conservation Reserve	16.6	18.8	South Eastern Queensland	0	50	156	150	708	31.4	18.9	0.1
2908	Cull Island	WA	Conservation Reserve	4.1	0.5	Eyre Yorke Block	100	81	0	135	658	35.2	4.2	0
2914	Barrier Island	WA	Conservation Reserve	0.7	0.1	Sydney Basin	100	15	0	136	569	24.7	0.6	0
2927	Bald Island	WA	Conservation Reserve	1.3	8.2	Esperance Plains	97	281	0	126	826	11.6	8.3	0
2932	North Twin Peak Island	WA	Conservation Reserve	8.2	2.8	Geraldton Sandplains	100	168	0	134	649	27.2	6.0	0
2936	Boxer Island	WA	Conservation Reserve	11.0	1.7	Nsw North Coast	100	89	0	136	682	25.4	4.8	0
2956	Doubtful Islands	WA	Conservation Reserve	2.5	0.6	Sydney Basin	100	58	0	133	594	1.7	1.3	0
2983	Sunday Island	VIC	Check	1.3	11.9	South East Coastal Plain	0	14	0	120	935	115.3	72.4	0
3049	Cape Barren Island	TAS	Mixed Tenure	32.4	461.9	Furneaux	0	703	11	114	746	1645.1	584.6	29.2

3141	Pedra Branca	TAS	Conservation Reserve	25.8	0.01	Tasmanian Southern Ranges	100	7	0	114	1521	51.2	0.0	0
3164	Nagir Island	QLD	Aboriginal Deed of Grant in Trust	47.4	1.9	Cape York Peninsula	0	206	0	274	1954	413.6	3.4	0
3171	Hammond Island	QLD	Aboriginal Deed of Grant in Trust	28.7	15.7	Cape York Peninsula	0	154	133	274	1866	602.0	123.6	0
3199	Oxley Island	NT	Aboriginal Freehold - Inalienable	37.0	1.9	Cape York Peninsula	0	154	0	282	1398	363.1	6.7	0
3206	Marchinbar Island	NT	Aboriginal Freehold - Inalienable	46.6	208.6	Cape York Peninsula	100	81	1	280	1438	432.4	235.7	2.6
3210	Jirrgari Island	NT	Aboriginal Freehold - Inalienable	34.7	7.5	Cape York Peninsula	100	39	0	280	1517	541.9	37.4	0
3221	Melville Island	NT	Aboriginal Freehold - Inalienable	24.1	5785.8	Arnhem Coast	0	167	509	279	1680	7512.1	6289.2	2185
3252	Field Island	NT	Aboriginal Freehold - National Park	3.2	44.3	Arnhem Coast	100	22	0	280	1584	144.8	49.4	0.5
3298	Peron Island South	NT	Freehold	3.4	5.4	Cape York Peninsula	0	13	0	285	1771	29.3	22.8	0
3415		WA		0.04	0.01	Northern Kimberley	100	1	0	285	277	312.2	8.8	0
3428	Boongaree Island	WA	Vacant Crownland	0.3	46.6	Northern Kimberley	100	227	0	282	1533	319.7	59.5	1.4
3560	Adolphus Island	WA	Vacant Crownland	2.0	80.9	Northern Kimberley	0	237	0	296	787	163.9	90.5	6.4
3617	Hidden Island	WA	Vacant Crownland	1.6	20.1	Northern Kimberley	0	118	0	288	922	284.9	50.6	0
3644	High Island	QLD	Conservation Reserve	4.5	0.7	Northern Kimberley	100	154	0	271	3383	4.7	0.8	0
3654	Hutchison Island	QLD	Conservation Reserve	3.1	0.1	Northern Kimberley	82	51	0	271	248	10.4	0.6	0
3655	Kent Island	QLD		4.0	0.2	Northern Kimberley	0	82	0	271	3643	10.3	0.6	0
3695	Lachlan Island	WA	Vacant Crownland	0.2	12.4	Northern Kimberley	0	94	0	291	907	167.6	25.3	0
3762	Trimouille Island	WA	Conservation Reserve	79.2	5.1	Brigalow Belt North	97	32	0	239	234	197.5	22.5	0
3778	Shaw Island	QLD	Conservation Reserve	11.4	16.0	Carnarvon	96	392	0	271	1900	280.3	30.5	0
3816	Carlisle Island	QLD	Conservation Reserve	26.0	5.6	Pilbara	100	387	0	267	1925	96.2	10.6	0
3839	South Island	QLD	Conservation Reserve	48.8	12.8	Pilbara	100	10	0	269	962	60.2	25.5	0.3
3875	Doole Island	WA	Conservation Reserve	1.3	2.6	Central Mackay Coast	98	10	0	302	265	15.2	4.2	0
3904	Fraser Island	QLD	Conservation Reserve	1.3	1661.7	Brigalow Belt North	98	254	86	255	1434	1712.8	1709.1	86.5
3905	Bernier Island	WA	Conservation Reserve	37.5	41.5	Brigalow Belt North	95	47	0	208	244	91.6	58.2	0.4
3938	Bribie Island	QLD	Mixed Tenure	0.3	147.6	Carnarvon	58	33	1541	251	1443	416.7	152.0	10.4
3949	Russell Island	QLD	Freehold	1.2	17.0	Carnarvon	0	48	285	239	1281	441.6	185.1	0
3957	Seagull Island	WA		58.6	0.08	South Eastern Queensland	0	48	0	239	438	14.3	9.9	0

4009	Taylor Island	WA	Conservation Reserve	1.7	0.2	Eyre Yorke Block	100	38	0	135	574	25.6	4.5	0
4017	Escape Island	WA	Conservation Reserve	3.3	0.1	Esperance Plains	100	8	0	159	580	0.8	0.5	0
4044	Frederick Island	WA	Conservation Reserve	9.4	0.8	Warren	100	83	0	159	170	37.6	11.8	0
4045	Kermadec Island	WA	Conservation Reserve	19.4	0.2	Eyre Yorke Block	100	69	0	159	169	26.7	2.0	0
4046	Beaumont Island	WA	Conservation Reserve	14.3	0.4	Warren	100	58	0	137	674	30.4	0.8	0
4052	Hood Island	WA	Conservation Reserve	14.6	1.0	Eyre Yorke Block	100	77	0	138	729	37.7	6.6	0
4062	Doubtful Islands	WA	Conservation Reserve	3.3	0.2	Esperance Plains	100	49	0	134	598	1.7	1.3	0
4072	Bowen Island	CWTH	Conservation Reserve	0.3	0.6	Esperance Plains	100	27	0	134	175	8.9	0.6	0
4094	Rabbit Island	VIC	Conservation Reserve	1.5	0.3	Warren	100	54	0	134	145	120.3	0.3	0
4106	Kangaroo Island	SA	Mixed Tenure	13.1	4416.2	South East Coastal Plain	34	322	632	121	617	4417.8	4416.7	86.3
4124	Shelter Island	WA	Conservation Reserve	0.1	0.1	Warren	79	7	0	121	161	5.1	0.2	0
4134	King Island	TAS	Mixed Tenure	84.6	1091.4	South East Corner	16	164	312	109	964	1093.7	1093.4	27.5
4166	Preservation Island	TAS	Vacant Crownland	28.8	2.0	Furneaux	30	21	0	111	687	1216.0	135.0	0
4211	Sarah Island	TAS	Historic Site	0.6	0.08	Furneaux	100	0	0	93	1732	0.9	0.3	0
4285	Badu Island	QLD	Aboriginal Deed of Grant in Trust	65.5	101.2	Tasmanian West	0	187	502	274	1954	388.0	194.8	4.8
4303	Horn Island	QLD	Freehold	16.1	53.2	Cape York Peninsula	0	102	153	275	1837	533.2	198.2	3.1
4304	Booby Island	QLD	Conservation Reserve	45.0	0.06	Cape York Peninsula	100	102	0	275	269	307.5	0.1	0
4315	Dauan Island	QLD	Aboriginal Deed Of Grant In Trust	138.4	3.6	Cape York Peninsula	0	102	0	268	1612	213.5	23.0	0
4340	Wigram Island	NT	Aboriginal Freehold - Inalienable	9.2	22.7	Cape York Peninsula	100	65	0	280	1444	420.7	43.6	0.4
4380	Astell Island	NT	Aboriginal Freehold - Inalienable	5.4	12.7	Cape York Peninsula	100	69	0	279	1481	440.7	40.1	0
4382	South West Bromby Islet	NT	Aboriginal Freehold and Leasehold	1.2	0.6	Tiwi Cobourg	100	24	0	279	270	328.0	19.2	0
4393	Milingimbi Island	NT	Aboriginal Freehold - Inalienable	0.4	49.5	Darwin Coastal	0	29	1259	279	1327	326.8	108.6	5.5
4421	Indian Island	NT	Conservation Reserve	0.3	27.0	Arnhem Coast	98	29	0	283	1747	53.9	41.7	0
4423	Restoration Island	QLD	Conservation Reserve	0.5	0.6	Arnhem Coast	44	90	0	269	1756	9.7	0.7	0
4441	Peron Island North	NT	Freehold	4.5	19.2	Arnhem Coast	0	23	0	285	1797	29.3	24.6	0
4454	Winchelsea Island	NT	Aboriginal Freehold - Inalienable	42.4	47.1	Arnhem Coast	100	64	0	282	1243	2302.5	203.1	0
4489	Cliff Island A	QLD	Conservation Reserve	6.2	0.4	Northern Kimberley	70	22	0	282	263	13.7	0.5	0
4518	Carlia Island	WA	Vacant Crownland	0.3	4.4	Northern Kimberley	100	123	0	284	1143	117.5	46.6	0

4568	Lizard Island	QLD	Conservation Reserve	28.8	8.5	Northern Kimberley	100	348	0	274	1678	12.8	9.8	0
4641	Augustus Island	WA	Aboriginal Reserve	1.6	191.8	Northern Kimberley	98	180	0	284	1383	446.7	249.1	14.8
4724	Caffarelli Island	WA	Vacant Crownland	30.5	2.7	Northern Kimberley	0	63	0	289	877	177.6	7.3	0
4758	Molema Island	WA	Vacant Crownland	1.0	10.8	Northern Kimberley	0	165	0	287	968	250.6	44.3	0
4778	Sunday Island	WA	Aboriginal Reserve	9.6	14.5	Northern Kimberley	100	58	0	290	832	188.5	30.9	0
4868	Hayman Island	QLD	Lands Lease	22.7	3.5	Northern Kimberley	0	241	175	272	1654	261.1	48.4	0
4874	Whitsunday Island	QLD	Conservation Reserve	10.0	107.8	Wet Tropics	96	411	0	269	1901	262.6	198.2	0
4919	Goold Island	QLD	Conservation Reserve	15.2	8.0	Carnarvon	100	394	0	269	2939	436.1	36.4	0
4920	Hinchinbrook Island	QLD	Conservation Reserve	0.7	396.1	Carnarvon	100	1097	1	267	2413	523.7	426.4	4.6
4953	Middle Island	WA	Conservation Reserve	54.2	3.5	Central Mackay Coast	100	16	0	234	268	247.3	74.9	0
4954	Keswick Island	QLD	Mixed Tenure	23.8	5.9	Central Mackay Coast	65	273	0	270	1623	62.8	16.8	0
4959	Boodie Island	WA	Conservation Reserve	50.3	2.0	Brigalow Belt North	100	17	0	233	273	244.5	15.1	0
5050	Dorre Island	WA	Conservation Reserve	50.1	49.6	Brigalow Belt North	97	49	0	207	247	329.3	60.9	0.1
5131	Island A	SA	Conservation Reserve	2.0	0.2	South Eastern Queensland	100	4	0	207	175	3.8	2.5	0
5139	Daw Island	WA	Conservation Reserve	32.9	2.1	Swan Coastal Plain	100	132	0	138	511	4.5	2.6	0
5152	Rat Island	WA	Conservation Reserve	72.3	0.7	Nsw North Coast	0	25	0	138	207	16.7	2.2	0
5177	Gunton Island	WA	Conservation Reserve	8.2	0.8	Esperance Plains	100	92	0	136	706	36.4	10.2	0
5179	Capps Island	WA	Conservation Reserve	10.2	0.4	Geraldton Sandplains	97	25	0	137	655	25.3	4.8	0
5218	Churchill Island	VIC	Conservation Reserve	2.0	0.6	Esperance Plains	96	26	0	109	818	278.8	64.1	0
5223	Cone Islet	TAS		45.1	0.05	Esperance Plains	100	19	0	109	143	8.1	1.6	0
5255	Chinaman Island	VIC	Conservation Reserve	0.3	0.5	South East Coastal Plain	100	8	0	134	795	278.9	36.8	0
5256	Swan Island	VIC	Defence	0.6	2.9	South East Coastal Plain	0	13	10	113	588	22.5	3.7	0
5264	Breaksea Island	WA	Conservation Reserve	4.2	1.1	Furneaux	100	92	0	132	881	12.9	2.5	0
5267	Clarke Island	TAS	Vacant Crownland	21.1	81.8	Warren	100	194	2	110	714	1156.2	216.7	3.3
5332	Ninth Island	TAS	Freehold	11.8	0.3	King	100	30	0	110	138	3.5	0.3	0
5372	Hope Island	TAS	Conservation Reserve	0.7	0.3	Tasmanian West	100	27	0	96	818	362.0	2.8	0
5427	Thursday Island	QLD	Freehold	26.6	3.4	Cape York Peninsula	0	103	804	275	1748	544.1	149.5	0
5446	Possession Island	QLD	Conservation Reserve	1.9	5.0	Cape York Peninsula	97	62	0	275	1746	340.9	9.1	0
5447	Albany Island	QLD	Aboriginal Freehold - Inalienable	0.5	5.8	Cape York Peninsula	0	84	0	274	1910	317.6	9.0	0
5468	Elcho Island	NT	Aboriginal Freehold - Inalienable	0.7	282.4	Cape York Peninsula	100	64	1950	280	1611	898.4	363.1	62.8

5475	Valencia Island	NT	Aboriginal Freehold - Inalienable	2.7	2.9	Cape York Peninsula	0	23	0	281	1414	484.1	2.9	0
5494	Dharawul Island	NT	Aboriginal Freehold and Leasehold	6.5	0.6	Cape York Peninsula	100	36	0	280	1429	425.3	34.2	0
5558	Bickerton Island	NT	Aboriginal Freehold - Inalienable	7.2	225.9	Cape York Peninsula	100	83	434	281	1306	1756.8	242.1	19.8
5755	West Island	NT	Aboriginal Freehold - Inalienable	3.7	129.8	Northern Kimberley	100	58	0	283	1057	620.7	167.2	18.7
5763	White Craggy Island	NT		19.5	0.2	Northern Kimberley	100	21	0	283	267	694.3	59.3	0
5808	Margaret Island	WA	Vacant Crownland	0.2	2.4	Northern Kimberley	0	106	0	289	913	247.8	24.7	0
5835	Chambers Island	WA	Vacant Crownland	0.1	4.1	Northern Kimberley	0	79	0	289	873	284.8	40.2	0
5855	Russell Island	QLD		11.3	0.2	Northern Kimberley	0	64	0	289	3596	4.8	0.3	0
5977	Dolphin Island	WA	Conservation Reserve	0.4	33.1	Pilbara	100	126	0	299	287	190.3	70.1	0
5981	Lindeman Island	QLD	Mixed Tenure	12.4	6.7	Central Mackay Coast	84	197	0	272	1838	277.5	28.8	0
6083	Barrow Island	WA	Conservation Reserve	53.8	235.0	Central Mackay Coast	100	61	186	234	262	271.9	241.3	39.6
6101	Curtis Island	QLD	Mixed Tenure	0.1	576.5	Brigalow Belt North	32	184	17	267	912	768.2	628.8	26.2
6110	Hummock Hill Island	QLD		0.2	30.7	Carnarvon	0	115	1	265	1019	408.7	43.4	1.1
6127	Fraser Island	QLD	Conservation Reserve	4.0	0.7	South Eastern Queensland	100	5	0	259	1180	1124.4	164.1	0
6148	Baudin Island	WA	Conservation Reserve	1.0	0.2	South Eastern Queensland	86	21	0	259	222	9.6	0.4	0
6159	Macleay Island	QLD	Freehold	3.5	7.4	South Eastern Queensland	0	31	505	240	1282	477.4	154.9	0
6160	Lamb Island	QLD	Freehold	5.7	1.5	Carnarvon	0	26	236	240	1274	453.6	148.8	0
6182	St Francis Island	SA	Conservation Reserve	31.3	6.7	South Eastern Queensland	100	77	0	135	365	63.1	10.3	0
6192	Baird Island	SA	Conservation Reserve	0.6	0.2	South Eastern Queensland	35	6	0	135	174	4.1	0.2	0
6221	West Bird Island	SA	Conservation Reserve	0.2	0.6	Sydney Basin	0	1	0	119	349	0.8	0.8	0
6256	Figure Of Eight Island	WA	Conservation Reserve	13.0	2.5	Swan Coastal Plain	100	15	0	137	675	25.1	4.8	0
6299	St Margaret Island	VIC	Conservation Reserve	0.1	18.9	Esperance Plains	0	15	0	121	811	113.9	35.0	0
6301	Dream Island	VIC	Conservation Reserve	0.6	3.7	Eyre Yorke Block	0	14	0	121	804	113.0	32.5	0
6321	Drum Island	VIC	Conservation Reserve	4.8	1.1	Sydney Basin	0	6	0	121	910	115.3	52.9	0
6338	Quail Island	VIC	Conservation Reserve	0.3	5.3	Furneaux	100	15	7	134	793	278.9	36.1	0
6340	Eastern Island	VIC	Conservation Reserve	6.3	0.2	Furneaux	0	5	0	108	649	149.5	3.7	0
6384	Hunter Island	TAS	Conservation Reserve	4.8	70.5	King	100	81	4	106	992	261.9	110.0	1.5

6449	Bruny Island	TAS	Mixed Tenure	1.4	355.5	Furneaux	35	567	115	93	954	366.2	360.3	1.9
6456	Tasman Island	TAS	Conservation Reserve	0.4	1.2	Tasmanian South East	100	256	0	95	1061	33.1	1.2	0
6532	Yam Island	QLD	Aboriginal Deed of Grant in Trust	90.3	1.8	Cape York Peninsula	0	52	323	275	1669	31.5	2.1	0
6563	F Island	NT	Aboriginal Freehold and Leasehold	45.1	0.6	Cape York Peninsula	100	17	0	281	1355	425.1	49.4	0
6571	North East Isles	NT	Aboriginal Freehold - Inalienable	65.9	4.2	Cape York Peninsula	100	52	0	280	986	914.4	7.2	0
6586	Bosanquet Island	NT	Aboriginal Freehold and Leasehold	6.4	1.6	Arnhem Coast	100	56	0	280	1437	428.1	34.0	0
6590	Inglis Island	NT	Aboriginal Freehold - Inalienable	2.6	81.6	Arnhem Coast	100	116	1	278	1549	583.9	86.3	4.5
6614	Forbes Island A	QLD	Conservation Reserve	18.8	0.9	Arnhem Coast	91	86	0	271	1819	8.7	1.3	0
6640	Groote Eylandt	NT	Aboriginal Freehold - Inalienable	40.1	2285.2	Arnhem Coast	100	203	1429	282	1156	2654.3	2367.4	411
6802	Wollaston Island	WA	Vacant Crownland	1.1	8.7	Northern Kimberley	99	175	0	283	1394	313.0	37.0	0
6833	Saint Andrew Island	WA	Aboriginal Reserve	1.5	15.5	Northern Kimberley	100	277	0	280	1489	351.6	23.2	0
6848	North Island	NT	Aboriginal Freehold - National Park	24.8	55.8	Northern Kimberley	100	80	0	284	1111	694.3	142.4	1.0
6858	Centre Island	NT	Vacant Crownland	7.7	85.0	Northern Kimberley	100	87	0	283	1074	694.3	223.4	4.9
6863	South West Island	NT	Vacant Crownland	0.6	92.0	Northern Kimberley	100	86	0	282	1055	694.3	220.8	14.5
6901	Kingfisher Island	WA	Vacant Crownland	15.8	10.7	Northern Kimberley	0	80	0	288	982	182.5	21.7	0
6902	Cockatoo Island	WA	Vacant Crownland	5.7	5.2	Northern Kimberley	0	131	125	287	949	240.2	31.6	0
6905	Sir Frederick Island	WA	Vacant Crownland	15.2	4.0	Northern Kimberley	0	78	0	289	890	241.5	29.1	0
7008	Fitzroy Island	QLD	Conservation Reserve	4.3	3.3	Northern Kimberley	94	230	0	266	2955	5.2	3.3	0
7067	Buttercup Island	WA	Conservation Reserve	76.5	0.07	Brigalow Belt North	78	6	0	266	229	260.8	18.6	0
7136	West Hill Island	QLD	Conservation Reserve	0.5	4.1	Brigalow Belt North	97	278	0	270	1388	72.4	4.1	0
7207	Faure Island	WA	Freehold	6.0	51.9	Central Mackay Coast	88	37	0	199	220	58.2	52.4	0
7231	North Stradbroke Island	QLD	Mixed Tenure	3.6	269.5	South Eastern Queensland	50	218	541	238	1502	604.1	369.6	22.5
7247	St Peter Island	SA	Conservation Reserve	3.2	38.1	South Eastern Queensland	100	49	0	130	325	70.8	42.3	0
7262	Flinders Island	SA	Mixed Tenure	28.2	39.4	Yalgoo	7	63	0	131	462	46.6	39.6	0
7268	Charley Island	WA	Conservation Reserve	3.2	0.9	South Eastern Queensland	100	98	0	135	671	35.4	3.0	0
7298	Lancelin Island	WA	Conservation Reserve	0.6	0.08	Esperance Plains	100	15	0	135	196	0.3	0.2	0

7329	Sandy Hook Island	WA	Conservation Reserve	7.9	2.3	Geraldton Sandplains	100	74	0	136	746	37.6	12.0	0
7362	Deal Island	TAS	Conservation Reserve	84.1	15.7	Esperance Plains	0	272	0	108	868	26.0	22.1	0
7364	Little Snake Island	VIC	Conservation Reserve	1.0	5.3	Esperance Plains	0	11	0	120	926	118.8	58.6	0
7371	Kanowna Island	VIC	Conservation Reserve	4.1	0.3	Esperance Plains	100	79	0	112	1069	52.2	3.2	0
7424	Three Hummock Island	TAS	Conservation Reserve	22.3	69.8	South East Corner	100	227	7	105	995	261.8	98.3	0
7507	Actaeon Island	TAS	Conservation Reserve	3.1	0.2	Tasmanian West	100	3	0	105	122	313.1	0.3	0
7513	De Witt Island	TAS	Conservation Reserve	5.7	5.2	Tasmanian South East	99	360	0	91	1839	10.9	8.4	0
7560	Little Adolphus Island	QLD	Freehold	13.1	1.5	Tasmanian West	0	38	0	275	1886	269.9	8.6	0
7561	Prince Of Wales Island	QLD	Mixed Tenure	16.0	195.4	Tasmanian Southern Ranges	0	238	53	272	1785	501.2	284.9	11.5
7576	Saibai Island	QLD	Aboriginal Deed of Grant in Trust	139.9	103.8	Cape York Peninsula	0	12	0	270	1492	202.3	116.0	2.5
7577	Stephens Islet	QLD	Aboriginal Deed of Grant in Trust	170.7	0.4	Cape York Peninsula	0	12	0	274	1464	10.3	0.7	0
7593	Emu Islet	NT		95.2	0.2	Cape York Peninsula	100	12	0	282	1348	205.2	28.9	0
7601	19 Island	NT		15.6	0.01	Cape York Peninsula	100	1	0	282	1418	359.9	21.1	0
7616	North Goulburn Island	NT	Aboriginal Freehold - Inalienable	16.9	39.8	Cape York Peninsula	0	36	0	280	1346	102.3	79.7	1.8
7618	Greenhill Island	NT	Aboriginal Freehold - National Park	2.8	17.6	Cape York Peninsula	100	26	0	280	1410	113.5	18.6	0
7629	Cotton Island	NT	Aboriginal Freehold - Inalienable	4.1	21.1	Cape York Peninsula	100	88	0	279	1492	414.1	56.1	0.1
7696		NT	Aboriginal Freehold and Leasehold	48.8	1.1	Arnhem Coast	100	33	0	283	1090	1723.0	105.3	0
7700	Mungwarndumanja Island	NT	Aboriginal Freehold - Inalienable	56.5	1.2	Arnhem Coast	100	27	0	284	1048	1586.6	72.6	0
7734	Stanley Island	QLD	Conservation Reserve	7.6	8.5	Cape York Peninsula	94	183	0	276	1383	37.6	31.9	0
7823	Palfrey Island	QLD	Conservation Reserve	27.4	0.5	Northern Kimberley	100	67	0	276	262	12.8	9.8	0
7907	Jungulu Island	WA	Aboriginal Reserve	17.8	48.8	Northern Kimberley	99	95	0	285	1348	359.6	160.7	0.5
8101	Wulalam Island	WA	Vacant Crownland	0.9	9.8	Northern Kimberley	0	73	0	289	912	143.5	12.5	0
8107	Magnetic Island	QLD	Mixed Tenure	4.5	50.7	Northern Kimberley	70	489	673	273	1355	107.7	50.7	1.6
8133	North Molle Island	QLD	Conservation Reserve	4.7	2.6	Dampierland	96	208	0	273	1737	278.7	12.7	0
8137	South Molle Island	QLD	Conservation Reserve	2.7	4.4	Northern Kimberley	92	182	31	274	1750	279.3	23.5	0
8150	Alpha Island	WA	Conservation Reserve	83.9	1.1	Brigalow Belt North	96	20	0	239	233	220.2	23.1	0
8174	Coonanglebah Island	QLD	Mixed Tenure	4.0	7.2	Central Mackay Coast	100	249	13	272	3444	321.6	9.5	0

8209	St Bees Island	QLD	Conservation Reserve	24.7	10.4	Carnarvon	86	356	0	268	1789	64.6	16.8	0
8333	Moreton Island	QLD	Conservation Reserve	21.3	171.5	South Eastern Queensland	98	268	40	239	1543	694.5	203.2	12.1
8337	Coochiemudlo Island	QLD	Freehold	0.7	1.7	South Eastern Queensland	0	27	135	240	1259	488.7	56.9	0
8349	East Wallabi Island	WA	Conservation Reserve	54.8	3.3	South Eastern Queensland	0	29	0	179	444	14.1	9.9	0.5
8365	West Franklin Island	SA	Conservation Reserve	18.4	2.4	Yalgoo	100	52	0	132	341	71.0	4.9	0
8381	Anvil Island	WA	Conservation Reserve	21.9	0.4	South Eastern Queensland	100	29	0	138	467	4.5	1.1	0
8392	Creak Island	WA	Conservation Reserve	5.6	0.08	Geraldton Sandplains	97	18	0	136	600	34.9	2.8	0
8395	Woody Island	WA	Conservation Reserve	7.0	2.0	Geraldton Sandplains	100	127	0	134	730	36.8	8.7	0
8413	Torrens Island	SA	Mixed Tenure	0.4	7.5	Nsw North Coast	82	35	2	115	453	9.4	9.2	0
8428	Stanley Island	WA	Conservation Reserve	3.9	0.4	Esperance Plains	100	11	0	137	555	26.6	2.6	0
8432	Glennie Island	WA	Conservation Reserve	9.6	0.4	Esperance Plains	100	27	0	137	609	27.3	11.7	0
8435	Mondrain Island	WA	Conservation Reserve	10.8	8.0	Esperance Plains	100	206	0	135	798	35.3	8.8	0
8440	Mac Kenzie Island	WA	Conservation Reserve	19.7	0.4	Geraldton Sandplains	100	58	0	138	731	37.9	2.2	0
8457	Reevesby Island	SA	Conservation Reserve	14.8	4.1	Esperance Plains	0	31	0	126	410	47.3	7.3	0
8530	Robbins Island	TAS	Freehold	1.1	98.5	Furneaux	1	70	4	105	1035	261.5	118.3	8.8
8532	Inner Sister Island	TAS	Conservation Reserve	114.8	7.3	Furneaux	100	180	0	114	806	1055.6	72.7	0
8534	Flinders Island	TAS	Mixed Tenure	53.0	1359.3	Furneaux	46	770	166	113	759	1983.2	1433.5	22.3
8541	Prime Seal Island	TAS	Crown Leasehold	72.9	12.1	Eyre Yorke Block	100	167	0	112	789	1599.9	19.5	0
8550	Badger Island	TAS	Indigenous Protected Area	46.2	12.3	South East Corner	100	33	2	113	720	1800.6	18.7	0
8553	Albatross Island	TAS	Conservation Reserve	29.5	0.3	Naracoorte Coastal Plain	79	27	0	109	895	250.1	0.3	0
8601	Maria Island	TAS	Conservation Reserve	3.9	102.1	Furneaux	100	705	4	132	800	133.0	102.2	0
8652	Roach Island	NSW	Conservation Reserve	573.0	0.2	Tasmanian South East	96	5	0	132	197	16.6	16.0	0
8664	Lord Howe Island	NSW	Conservation Reserve	570.4	15.9	Tasmanian South East	79	5	15	180	1801	16.6	16.3	0
8672	Blackburn Island	NSW	Conservation Reserve	572.6	0.03	Tasmanian Southern Ranges	83	5	0	180	1574	16.6	16.3	0
8697	Ball's Pyramid	NSW	Conservation Reserve	592.4	0.3	Pacific Subtropical Islands	0	5	0	182	1633	16.6	0.3	0
8713	South Island	CWTH		2106.4	3.6	Pacific Subtropical Islands	0	5	0	273	1906	14.1	11.9	0
8717	Pulu Siput	CWTH		2109.2	0.1	Pacific Subtropical Islands	0	5	0	273	1889	14.1	9.9	0

8718	Pulu Pandan	CWTH		2109.4	0.2	Pacific Subtropical Islands	0	5	0	273	265	14.1	8.7	0
8723	West Island	CWTH		2111.6	6.2	Pacific Subtropical Islands	0	5	156	273	1908	14.1	12.9	0
8724	Pulu Cheplok	CWTH		2110.0	0.2	Pacific Subtropical Islands	0	5	0	273	1899	14.1	9.3	0
8731	Home Island	CWTH		2112.4	0.9	Pacific Subtropical Islands	0	5	79	273	1913	14.1	11.2	0
8735	Direction Island	CWTH		2115.9	0.3	Pacific Subtropical Islands	0	5	0	274	1906	14.1	6.0	0
8736	Horsburg Island	CWTH		2120.4	1.0	Pacific Subtropical Islands	0	5	0	273	1924	14.1	5.3	0
8737	North Keeling Island	CWTH	Conservation Reserve	2136.9	1.2	Pacific Subtropical Islands	100	5	0	273	1990	14.1	1.2	0
8738	Christmas Island	CWTH	Mixed Tenure	1534.4	136.6	Pacific Subtropical Islands	64	5	580	260	2168	136.6	136.6	0
8741	Moo'oo Rock	CWTH		1396.2	0.01	Pacific Subtropical Islands	0	5	0	260	188	37.7	35.8	0
8744		CWTH		1396.3	0.01	Indian Tropical Islands	0	5	0	260	1431	37.7	35.8	0
8748	Bird Rock	CWTH		1397.3	0.02	Indian Tropical Islands	0	5	0	260	1431	37.7	35.8	0
8760	Nepean Island	CWTH		1397.6	0.09	Indian Tropical Islands	0	5	0	260	197	37.7	37.7	0
8765	Phillip Island	CWTH	Conservation Reserve	1395.6	2.0	Indian Tropical Islands	99	5	1	177	1414	37.7	26.1	0
8774	Norfolk Island	CWTH	Mixed Tenure	1393.4	35.6	Indian Tropical Islands	14	5	398	174	1478	37.7	37.7	0
8811	Mount Adolphus Island	QLD	Aboriginal Deed of Grant in Trust	10.0	6.6	Pacific Subtropical Islands	0	162	0	274	1986	235.0	14.3	0
8864	South East Islets	QLD	Conservation Reserve	55.5	0.1	Cape York Peninsula	100	5	0	272	881	59.3	5.1	0
8954	Macquarie Island	TAS	Conservation Reserve	1481.7	131.0	Coral Sea	0	5	0	49	1104	131.8	131.4	0
9011	Finucane Island	WA	Mixed Tenure	0.3	5.7	Esperance Plains	0	21	0	304	307	9.7	9.5	0
9020	Woogoompah Island	QLD	Conservation Reserve	1.5	6.2	Northern Kimberley	100	19	6	239	1397	387.1	80.1	0
999281	Admiralty Islands	NSW		572.8	0.01	Sydney Basin	0	5	0	239	1583	16.6	14.2	0
999282	Boyne Island 2	QLD		0.1	32.9	Northern Kimberley	1	95	0	266	948	701.8	73.2	0.5
999283	Unnamed (South Koolan) Wa	WA		0.5	2.6	Geraldton Sandplains	0	111	0	288	846	242.9	56.1	0
999284	Middle Island	QLD		0.2	52.0	Northern Kimberley	65	94	0	264	1144	163.8	54.2	0.7
999285	Comerong Island	NSW		0.3	8.3	Sydney Basin	86	21	0	212	1353	9.1	8.3	0
999286	Raymond Island _2	VIC		0.2	7.5	Esperance Plains	29	20	0	175	701	7.5	7.5	0
999287	Second Island	VIC		0.1	0.03	Esperance Plains	100	0	0	175	154	0.03	0.03	0

Further information:

<http://www.nespthreatenedspecies.edu.au>

This project is supported through funding from the Australian Government's National Environmental Science Programme.

