



Mount Hardy

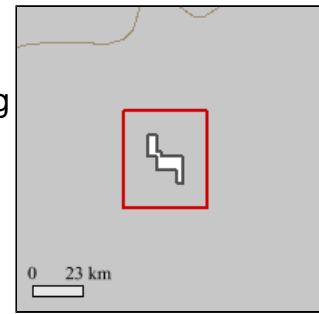
NT NRM Report



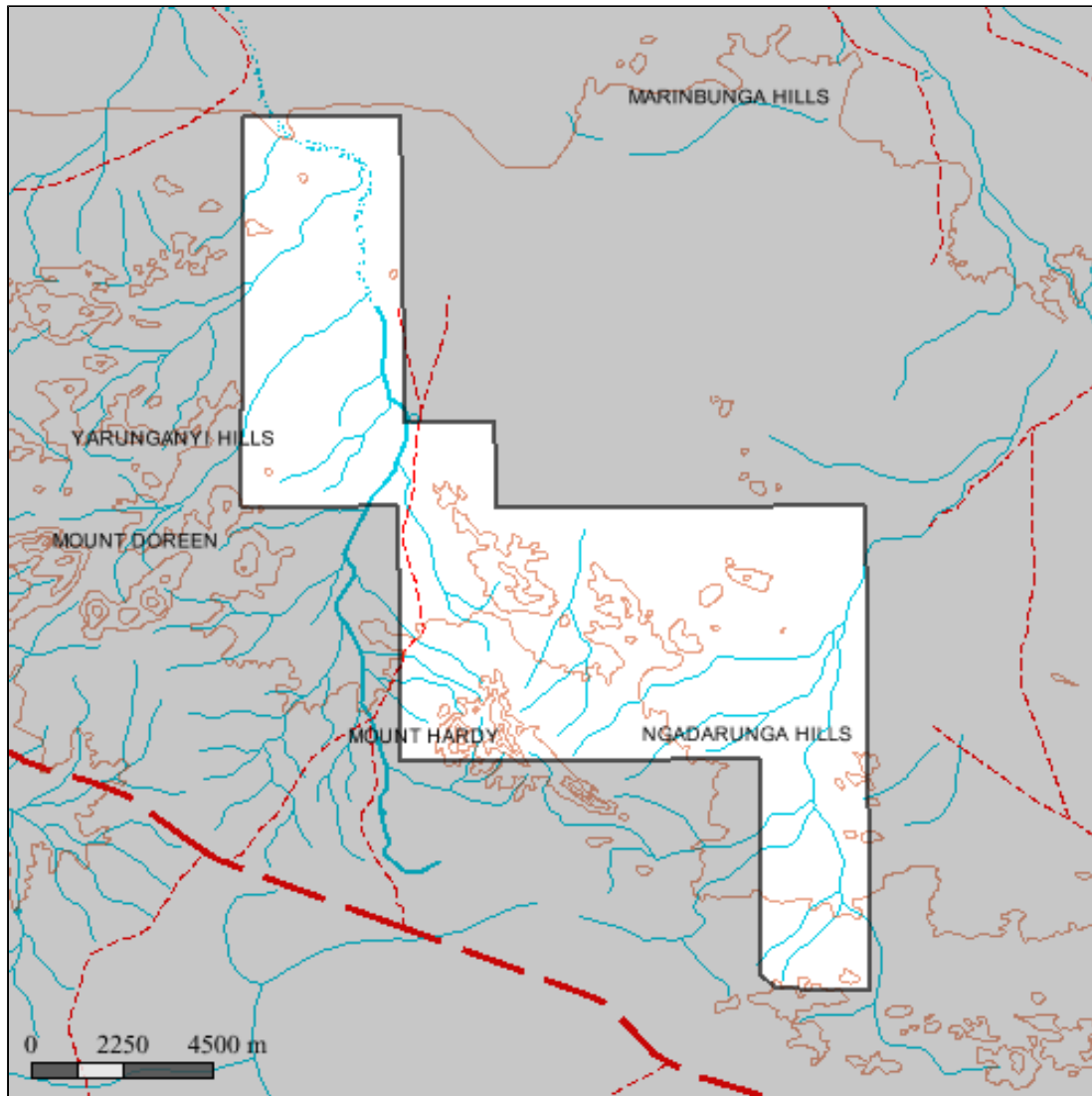
Mount Hardy

Mount Hardy encompasses an area of 117.83 sq km extending from 21 deg 59.0 min to 22 deg 11.0 min S and 131 deg 27.0 min to 131 deg 36.0 min E.

Mount Hardy is located in the Burt Plain, bioregion(s)



Location of Mount Hardy



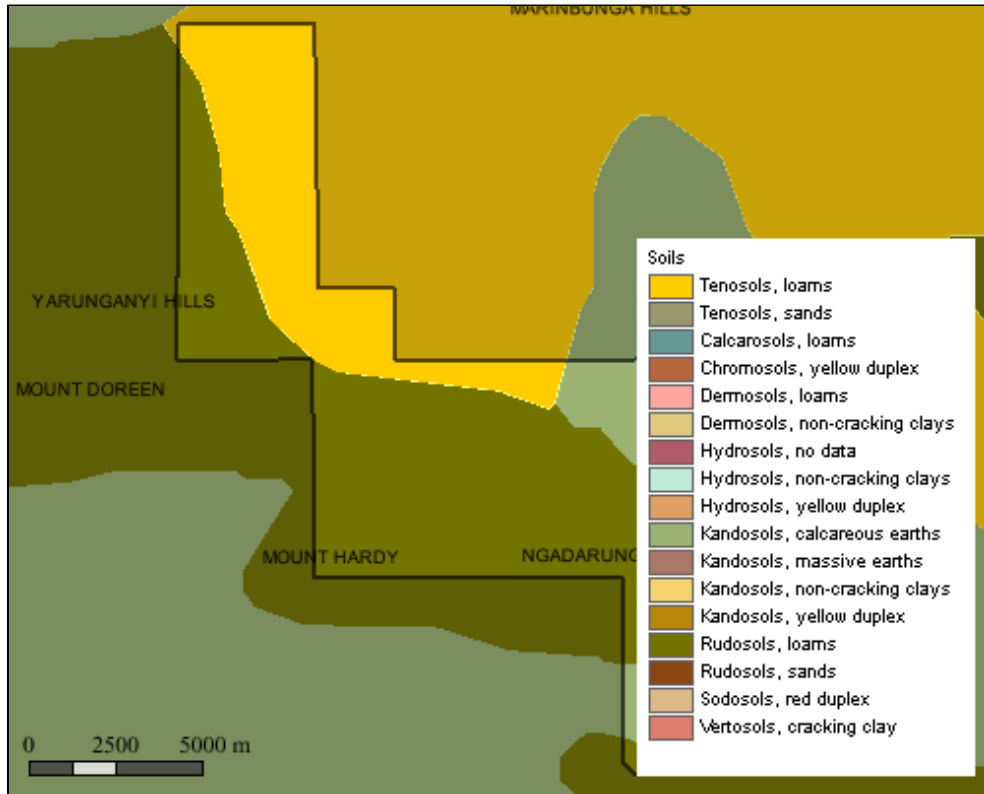
Mount Hardy Soils

Soil Types

Area of soil types (Northcote Factual Key)

Selected area is too small to produce reliable statistics

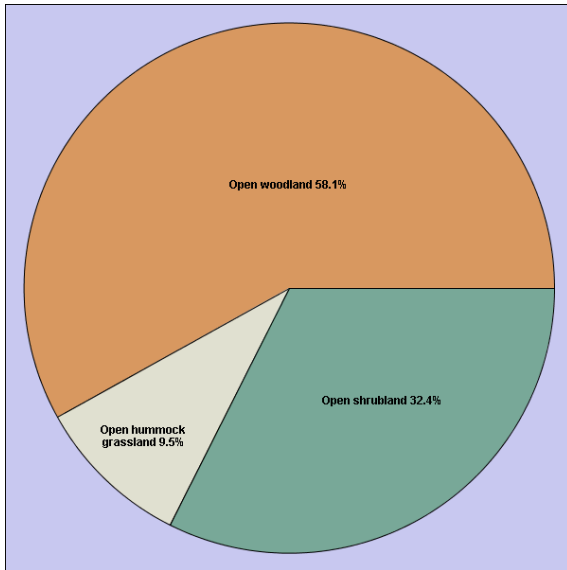
Soil Types



Soils 1:2M Layer is a copy of the NT portion (1:2,000,000 scale dataset) of the CSIRO Atlas of Australian Soils - K.H. Northcote et al. Data scale: 1:2,000,000 ANZLIC Identifier: 2DBC771205D06B6E040CD9B0F274EFE
More details: Go to www.lrm.nt.gov.au/nrmapsnt/ and enter the ANZLIC identifier in the Spatial Data Search

Mount Hardy Vegetation

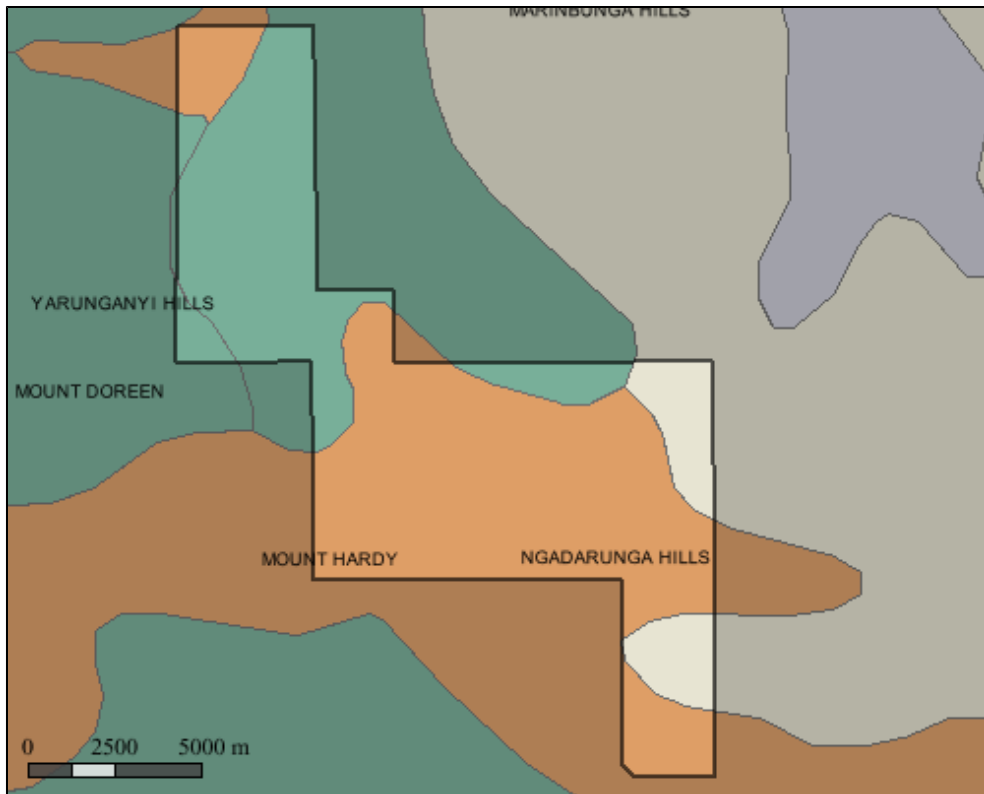
Vegetation Communities



Area of vegetation communities

Category	Area sq km	Area%
Open woodland	68.45	58.09
Open shrubland	38.14	32.37
Open hummock grassland	11.24	9.54

Vegetation Communities



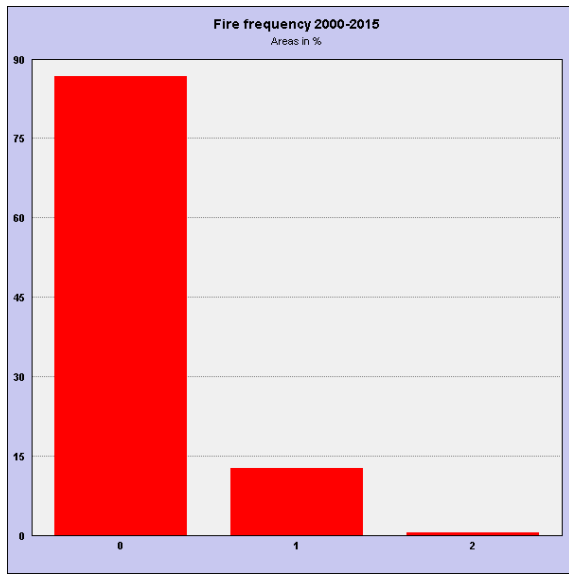
The NVIS 2005 Layer is compiled from a number of vegetation and land unit survey maps that were recoded and re-attributed for the National Vegetation Information System (NVIS)

Data scale variable depending on location. ANZLIC Identifier:2DBC771207006B6E040CD9B0F274EFE

More details: Go to www.lrm.nt.gov.au/nrmapsnt/ and enter the ANZLIC identifier in the Spatial Data Search

Mount Hardy Fire History

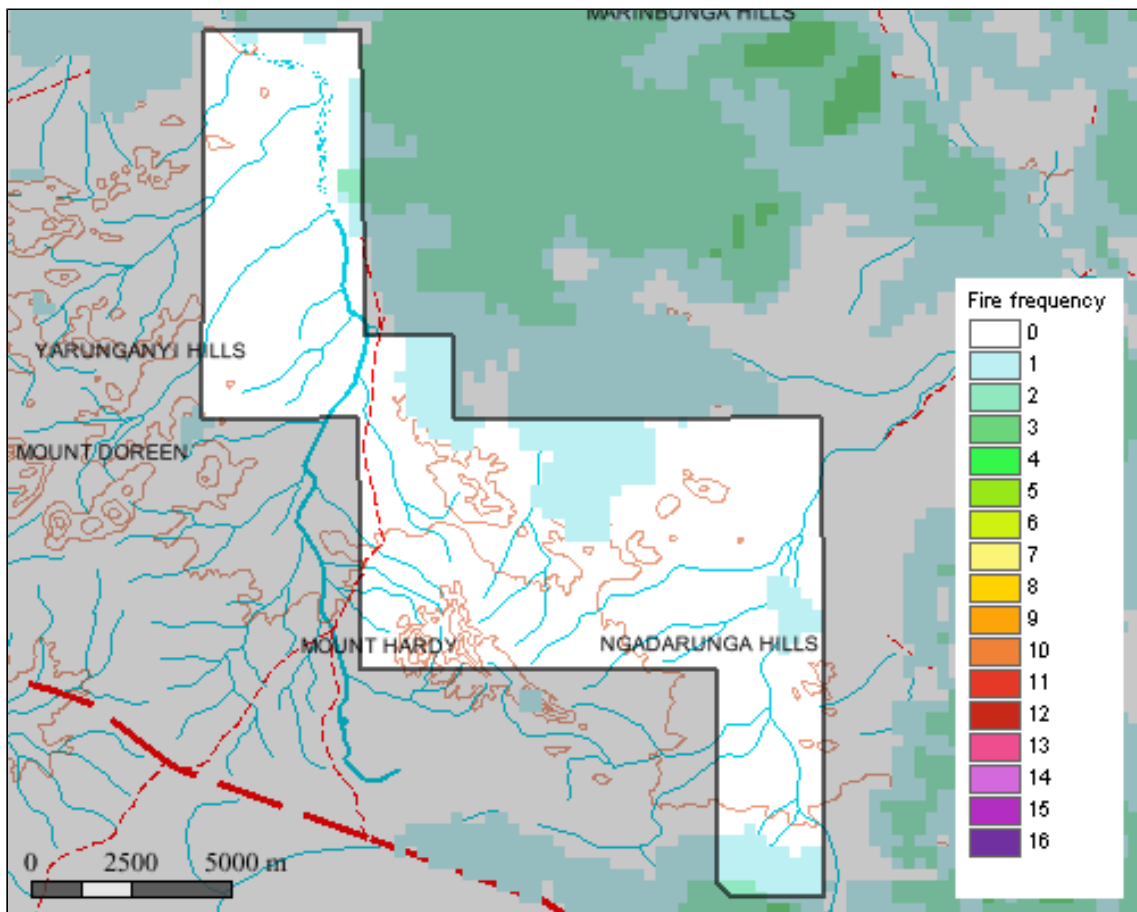
Fire frequency 2000-2015



area burnt for each fire frequency category 2000-2015

Category	Area sq km	Area%
0	102.24	86.77
1	15.03	12.76
2	.55	.47

Fire frequency 2000-2015



The fire frequency(250m) Layer is derived from satellite imagery sourced from the Moderate Resolution Imaging Spectroradiometer (MODIS) on the NASA Terra satellite
Spatial Resolution: 250m x 250m pixels (at Nadir).

Mount Hardy Threatened Species



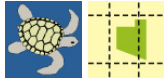
Threatened species recorded in Mount Hardy (Records Updated: Sept 2013)

EX = Extinct
EW = Extinct in the Wild
ER = Extinct in the NT
EN = Endangered
EN/VU = One Endangered subspecies/One Vulnerable subspecies
VU=Vulnerable
VU/- = One or more subspecies vulnerable EN/- = One or more subspecies endangered

Survey = this category refers to data collected using systematic survey methodology
Specimen = this category refers to museum or other records where a specimen has been collected and lodged
Observation = this category refers to all other incidental recordings where systematic methodology may not have been used consistently.

More species info: Go to www.landmanager.org.au/view/index.aspx?id=####
where #### is the ID number from the tables above for the species of interest.

Mount Hardy Threatened Species Grid



Threatened species recorded in the grid cell(s) in which Mount Hardy occurs (Records Updated: Sept 2013)

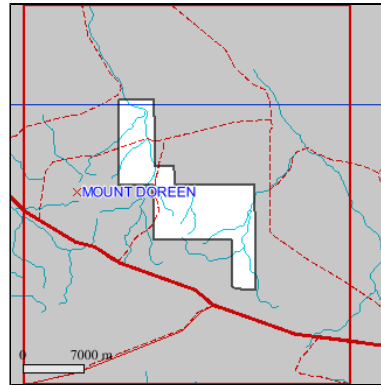
Group	Family Name	Scientific Name	Common Name	NT Status	National Status	#Observations	Latest Observation Date	#Specimens	Latest Specimen Date	#Surveys	Latest Survey Record
Flowering Plants	Cyperaceae	<i>Eleocharis papillosa</i>	Dwarf Desert Spike-Rush	VU	VU	0	Unknown	1	1984	0	Unknown
Reptiles	Scincidae	<i>Liopholis kintorei</i>	Great Desert Skink	VU	VU	8	2008	5	1974	0	Unknown
Birds	Megapodiidae	<i>Leipoa ocellata</i>	Malleefowl	CR	VU	5	1950	1	1931	0	Unknown
Birds	Falconidae	<i>Falco hypoleucos</i>	Grey Falcon	VU		7	2009	0	Unknown	0	Unknown
Birds	Psittacidae	<i>Polytelis alexandrae</i>	Princess Parrot	VU	VU	1	1967	2	1965	0	Unknown
Birds	Psittacidae	<i>Pezoporus occidentalis</i>	Night Parrot	CR	EN	3	2000	0	Unknown	0	Unknown
Mammals	Dasyuridae	<i>Dasyercus blythi</i>	Brush-tailed Mulgara	VU	VU	85	2008	7	1993	15	2010
Mammals	Dasyuridae	<i>Dasyercus cristicauda</i>	Crest-tailed Mulgara	VU	EN	5	1997	6	1968	0	Unknown
Mammals	Peramelidae	<i>Isoodon auratus</i>	Golden Bandicoot	EN	VU	5	1969	0	Unknown	0	Unknown
Mammals	Thylacomyidae	<i>Macrotis lagotis</i>	Greater Bilby	VU	VU	91	2009	11	1989	5	2001
Mammals	Phalangeridae	<i>Trichosurus vulpecula vulpecula</i>	Common Brushtail Possum (southern)	EN		14	1987	2	1987	0	Unknown
Mammals	Macropodidae	<i>Petrogale lateralis</i>	Black-footed Rock-wallaby		VU	7	1988	6	1985	0	Unknown
Mammals	Notoryctidae	<i>Notoryctes typhlops</i>	Southern Marsupial Mole	VU	EN	3	1990	0	Unknown	0	Unknown
Mammals	Megadermatidae	<i>Macroderma gigas</i>	Ghost Bat		VU	1	1969	0	Unknown	0	Unknown
Mammals	Muridae	<i>Rattus tunneyi</i>	Pale Field-rat	VU		1	Unknown	1	1982	0	Unknown

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 VU/- = One or more subspecies vulnerable EN/- = One or more subspecies endangered

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More species info: Go to www.landmanager.org.au/view/index.aspx?id=####
 where #### is the ID number from the tables above for the species of interest.

Species listed in the table above were recorded from all the grid cells shown below (red/blue line) that overlap Mount Hardy



Mount Hardy Weeds and Potential Weeds



Introduced plants recorded in the grid cell(s) in which Mount Hardy occurs and that have been identified as problem weeds in one or more locations in northern Australia. Occurrence based on Northern Territory Government databases.

Family Name	Scientific Name	Common Name	NT Status	National Status	Other Status	#Surveys	Latest Record
Amaranthaceae	<i>Alternanthera pungens</i>	Khaki Weed	B C		DEU NSW SA	0	Unknown
Brassicaceae	<i>Brassica tournefortii</i>	Mediterranean Turnip			Gr	0	Unknown
Apocynaceae	<i>Calotropis procera</i>	Rubber Bush	B C (S of 16 S deg S)		WA1 WA2 G&M	0	Unknown
Fabaceae	<i>Cassia fistula</i>	Golden Shower			WeedsAus	0	Unknown
Poaceae	<i>Cenchrus ciliaris</i>	Buffel Grass			MP Gr G&M DEU	0	Unknown
Poaceae	<i>Cenchrus echinatus</i>	Mossman River Grass	B C		NSW	0	Unknown
Poaceae	<i>Chloris virgata</i>	Feathertop Rhodes Grass			DEU	1	2001
Cucurbitaceae	<i>Citrullus lanatus</i>	Camel Melon			G&M	1	1990
Amaranthaceae	<i>Gomphrena celosioides</i>	Gomphrena Weed			DEU	0	Unknown
Fabaceae	<i>Parkinsonia aculeata</i>	Parkinsonia	B C	WONS	MP K2 WA1 WA4 Q2 G&M CYP DEU NSW SA	0	Unknown
Euphorbiaceae	<i>Ricinus communis</i>	Castor Oil Plant	B C		MP CYP NSW	0	Unknown
Fabaceae	<i>Senna occidentalis</i>	Coffee Senna	B C		G&M DEU	0	Unknown
Tamaricaceae	<i>Tamarix aphylla</i>	Athel Pine	B C	WONS	WA1 Q3 C&E G&M NSW	0	Unknown
Zygophyllaceae	<i>Tribulus terrestris</i>	Caltrop	B C		CYP SA	2	1990
Fabaceae	<i>Vachellia farnesiana</i>	Sweet Acacia			DEU	0	Unknown

Status Codes:

1. NATIONAL STATUS CODES

Alert, Alert List for Environmental Weeds (Please call Exotic Plant Pest Hotline 1800 084 881 if you think you have seen this weed)

Sleeper, National Sleeper Weed

Target, Targeted for eradication. (www.landmanager.com.au/view/index.aspx?id=449837)

WONS, Weeds of National Significance

2. NT STATUS CODES

A, NT Class A Weed (to be eradicated)

B, NT Class B Weed (growth & spread to be controlled)

C, NT Class C Weed (not to be introduced) (www.landmanager.com.au/view/index.aspx?id=449869)

3. OTHER STATUS CODES

C&E, Csurhes, S. & Edwards, R. (1998) Potential Environmental Weeds in Australia. Candidate Species for Preventative Control. Environment Australia, Canberra (www.landmanager.com.au/view/index.aspx?id=394504)

CYP, Draft Cape York Peninsula Pest Management Plan 2006-2011 (www.landmanager.com.au/view/index.aspx?id=371200)

DEU, Plants listed as environmental weeds by the Desert Uplands Strategic Land Resource

Assessment (www.landmanager.com.au/view/index.aspx?id=332123)

G&M, Grice AC, Martin TG. 2005. The Management of Weeds and Their Impact on Biodiversity in the Rangelands. Cooperative Research Centre (CRC) for Australian Weed Management and CSIRO Sustainable Ecosystems. Commonwealth Australia (www.landmanager.com.au/view/index.aspx?id=163572)

Gr, Groves et al. 2003. Weed categories for natural and agricultural ecosystem management. Bureau of Rural Sciences (www.landmanager.com.au/view/index.aspx?id=388018)

K0, High Priority Weeds not yet established in the Katherine region

K1, High Priority Weeds posing environmental threats in the Katherine region

K2, High Priority Weeds posing existing threats in the Katherine region, as described in the Katherine Regional Weed Management Strategy 2005-2010 (www.landmanager.com.au/view/index.aspx?id=130286)
MP, Northern Territory Parks & Conservation Masterplan (www.landmanager.com.au/view/index.aspx?id=144141)
NAQS, North Australian Quarantine Strategy Target List (www.landmanager.com.au/view/index.aspx?id=449416)
NSW, Declared Noxious Weed in NSW (www.landmanager.com.au/view/index.aspx?id=449983)
Q1, QLD Class 1 Weed (not to be introduced, kept or supplied)
Q2, Class 2 Weed (eradicate where possible, not to be introduced, kept or supplied)
Q3, Qld Class 3 Weed (to be controlled near environmentally sensitive areas- not to be supplied/sold without a permit) (www.landmanager.com.au/view/index.aspx?id=190714)
SA, Declared Plant in South Australia (www.landmanager.com.au/view/index.aspx?id=449996)
WeedsAus, Listed as a significant weed by Weeds Australia (www.landmanager.com.au/view/index.aspx?id=14576)
WA1, WA Weed Class P1 (movement prohibited)
WA2, WA Weed Class P2 (aim to eradicate)
WA3, WA Weed Class P3 (control infestations)
WA4, WA Weed Class P4 (prevent spread)
WA5, WA Weed Class P3 (control infestations on public land) (www.landmanager.com.au/view/index.aspx?id=449884).

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Plants listed in the table above were recorded from all the grid cells shown below (red/blue line) that overlap Mount Hardy

Mount Hardy Pest and Potential Pest Animals



Animals with pest potential recorded in the grid cell(s) in which Mount Hardy occurs. Occurrence based on Northern Territory Government databases.

Common Name	Scientific Name	NT Status	National Status	ID	#Observations (Latest)	#Specimens (Latest)	#Surveys (Latest)
Red-tailed Black-cockatoo	<i>Calyptorhynchus banksii samueli</i>	N	.	223765	2 (1993)	0 (Unknown)	0 (Unknown)
House Mouse	<i>Mus musculus</i>	P	.	187720	33 (1993)	13 (1993)	0 (Unknown)
Dingo / Wild dog	<i>Canis lupus</i>	N	.	183280	54 (1991)	4 (1967)	0 (Unknown)
Fox	<i>Vulpes vulpes</i>	P	.	183294	13 (1997)	0 (Unknown)	1 (2010)
Cat	<i>Felis catus</i>	P	.	183259	93 (2004)	1 (1982)	1 (2010)
Rabbit	<i>Oryctolagus cuniculus</i>	P	.	187331	28 (1996)	0 (Unknown)	33 (2010)
Horse	<i>Equus caballus</i>	P	.	183315	16 (1989)	0 (Unknown)	10 (2001)
Camel	<i>Camelus dromedarius</i>	P	.	183210	42 (1997)	0 (Unknown)	23 (2010)
Swamp Buffalo	<i>Bubalus bubalis</i>	P	.	183245	2 (1982)	0 (Unknown)	0 (Unknown)
Cattle	<i>Bos taurus</i>	P	.	183266	11 (1986)	0 (Unknown)	38 (1993)

NT STATUS CODES:

Int, Introduced species (all non-prohibited vertebrates, and all other exotic species (www.landmanager.com.au/view/index.aspx?id=280771))

N, Native species with pest potential.

P, Prohibited species (all exotic vertebrates except those listed as non-prohibited (www.landmanager.com.au/view/index.aspx?id=450509))

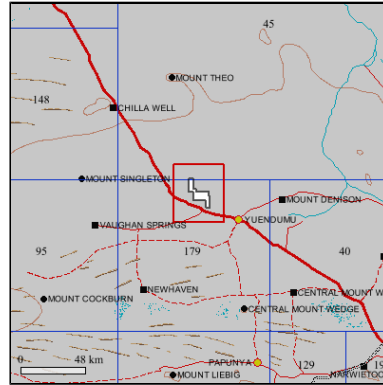
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where #### is the ID number from the tables above for the species of interest.

Potential pest animals listed in the table above were recorded from all the grid cells shown below (red/blue line) that overlap Mount Hardy



Soils and vegetation graphs and tables refer to area of soils and vegetation only. Fire graphs and tables refer to entire selected area including sea if present. Calculations are derived from map images or vector data, and should be taken as a guide only. Accuracy cannot be guaranteed. For small areas, figures should be rounded to the nearest whole number.

For areas in Western Australia south of 20 degrees S there is no fire scar data prior to 2006, so only the 2006-2015 Fire History reports should be used.