

BIODIVERSITY: Species Atlas Spatial Datasets

| | |
|---------------------|---|
| <i>Author</i> | Biodiversity Conservation Unit Department of Land Resource Management (DLRM) |
| <i>Contact</i> | Damian Milne |
| <i>Phone</i> | (08) 899 55016 |
| <i>Data Storage</i> | Geographics, Horizontal datum GDA 1994 |

Dataset 1**Sites of Conservation Significance in the NT (SoCS)**

Metadata [weblink](#)

Abstract This polygon dataset identifies 67 sites of significance for biodiversity conservation in the NT: 42 considered of International Conservation Significance and 25 sites of National Conservation Significance. Twenty nine sites are in the Arid Centre, 12 in the Savanna Region and 26 in the Top End.

DLRM website [weblink](#) - with links to interactive maps, descriptions, technical reports and direct download of spatial data (ESRI shapefile).

Data Attributes

| FIELD | ALIAS | FORMAT | DESCRIPTION | |
|--------------|-----------------------|---------------|--|----------------|
| SOCS_NAME | Site Name | Text 254 | Site of Conservation Significance Name | |
| LOC_SIG | Location Significance | Text 1 | International or National | |
| REGION | Region | Text 2 | Region Name: | |
| | | | A | Arid Centre |
| | | | S | Savanna Region |
| | | | TE | Top End |
| SOCS_NO | Site Number | Text 10 | Site of Conservation Significance Number | |

Metadata

[weblink](#)

Abstract

Point records fauna observational summary data within the N.T. Taxonomic and collection data for observed mammals, birds, reptiles, frogs. Includes presence/absence information, date, time, and location of sighting.

DLRM website

[weblink](#)

Data Attributes

| FIELD | FORMAT | DESCRIPTION |
|----------------|-------------|---|
| ID_NO | Text 8 | Record ID number |
| SPECIES_ID | doub 38 8 | Species ID number |
| BIOCODE | Short Int 5 | (internal Dept use) Code |
| FULL_NAME | Text 255 | Species scientific name |
| COMMON_NAME | Text 255 | Species common name |
| DATE_ | YYYYMMDD | Date recorded |
| LATITUDE | doub 38 8 | Latitude (decimal degrees) |
| LONGITUDE | doub 38 8 | Longitude (decimal degrees) |
| ACCURACY | Text 50 | Values 50, 100, 500, 5000 |
| MUSEUM | Text 50 | Museum name if record is a specimen |
| REG_NO | Text 50 | Museum registration number |
| LOCATION | Text 50 | Location description |
| ENDEMIC | doub 38 8 | Yes / No = 1 / 0 |
| AUS_NON_NATIVE | doub 38 8 | Yes / No = 1 / 0 |
| EPBCA_2007 | Text 255 | Environmental Protection Biodiversity Conservation Act 2007 |
| | | <i>Threatened Species Categories:</i> |
| | | CR Critically Endangered |
| | | EN Endangered |
| | | VU Vulnerable |
| | | <i>Non-Threatened Species Categories:</i> |
| | | EX Extinct |
| EPBCA_MIG_SP | doub 38 8 | EPBCA migratory species; Yes / No = 1 / 0 |
| TPWCA_2012 | Text 5 | NT Parks & Wildlife Conservation Act 2012, species codes |
| | | <i>Threatened Species Categories:</i> |
| | | CR Critically Endangered |
| | | EN Endangered |
| | | VU Vulnerable |
| | | <i>Non-Threatened Species Categories:</i> |
| | | EX Extinct |
| | | ER Extinct Regionally |
| | | EW Extinct in the wild |
| | | NT Near Threatened |
| | | LC Least Concern |
| | | DD Data Deficient |
| | | NE Not Evaluated |
| | | (Int) Introduced species |
| | | (NL) Not Listed |
| THREATENED | doub 38 8 | |
| SIGNIFICANT | doub 38 8 | |
| NOTES | Text 255 | Record notes |

Metadata

[weblink](#)

Abstract

Point records flora observational summary data within the NT Taxonomic and collection data for observed and collected plants. Includes presence/absence information, date, and location. For a complete and up to date list of threatened species as classified under Territory Parks and Wildlife Act (2000), please refer to :

<http://www.lrm.nt.gov.au/plants-and-animals/threatened-species>

Data Attributes

| FIELD | DESCRIPTION |
|--------------------|---|
| SOURCE | VSD = NT Vegetation Site Database HOLTZE = Herbarium specimen database |
| VSD_ID | NT Vegetation Site Database ID Number |
| ACCESSION_ID | The record ID or accession number |
| DATE | Date recorded |
| DIVISION | |
| SURVEY_CODE | The VSD survey code |
| SITE_CODE | The VSD site code |
| OBSERVATION_CODE | The VSD observation code |
| TAXON_ID | |
| TAXON_NAME | |
| GENUS | |
| SPECIES | Scientific Name |
| INFRASPECIFIC_RANK | |
| INFRASPECIFIC_NAME | |
| GDA94_LONG | Longitude (decimal degrees) Datum GDA1994 |
| GDA94_LAT | Latitude (decimal degrees) Datum GDA1994 |
| PRECISION_M | Location Precision or accuracy as a numeric. Numbers represent accuracy in metres |
| PRECISION_TEXT | Location Precision or accuracy as text. Whole numbers represent accuracy in metres. Otherwise represented as a scale (eg. 1:10000). |
| OBSERVER | The record observer |
| SURVEY_LOC | Survey location |
| LOC_DESCRIPTION | |
| RESTRICTED_RANGE | Species that occur in a restricted geographic range. The list of restricted range species is currently under development so should be considered provisional. When the list is finalised it will be noted here. |
| NT_ENDEMIC | Endemic to the Northern Territory |
| NT_ONLY | In Australia, occurs only in the NT, but also occurs naturally overseas |
| THREATENED2012 | Classified as either Critically Endangered, Endangered or Vulnerable under either the EPBC Act or TPWCA. |
| SIGNIFICANT2012 | Classified as Near Threatened or Data Deficient under the TPWCA |

| FIELD | DESCRIPTION |
|-------------------|---|
| INTRODUCED_STATUS | The introduced status of the species |
| EPBC_2012 | Environmental Protection Biodiversity Conservation Act 2012 |
| | <i>Threatened Species Categories:</i> |
| | Critically Endangered |
| | Endangered |
| | Vulnerable |
| | <i>Non-Threatened Species Categories:</i> |
| | Extinct |
| TPWCA_2012 | NT Parks & Wildlife Conservation Act 2012 |
| | <i>Threatened Species Categories:</i> |
| | Critically Endangered |
| | Endangered |
| | Vulnerable |
| | <i>Non-Threatened Species Categories:</i> |
| | Subspecies or Variant |
| | Least Concern |
| | Least Concern - Weed |
| | Data Deficient |
| | Not Evaluated |

Metadata

[weblink](#)

Abstract

(polygons) The sites of botanical significance are broadly defined and mostly cover large areas, with average size being 500 square kilometres. The sites are areas that are considered important for plant conservation generally and specifically for conserving significant plant taxa. Sites are designated as either nationally significant (41 sites), bioregionally significant (79 sites) or of undetermined significance (33 sites). The assessment of degree of significance was based on the known botanical attributes of each site, in the context of the overall distribution of those attributes in the study area.

Data Attributes

| FIELD | FORMAT | DESCRIPTION |
|--------------|---------------|--|
| GIS_BIOREG | Text 255 | Proportion of Bioregion that the site occurs in. |
| MATT_NO | Text 255 | Site Number (= SITE_NO) |
| PRINCPL_RE | Text 200 | Principle Bioregion |
| SIGNIFICANC | Text 25 | Determines at what level the site is significant at: "National", "Bioregional" or "undetermined" |
| SITE_NAME | doub 38 8 | Site Name |
| SITE_NO | doub 38 8 | Site Number |