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|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title                                  | NSW BioNet Flora Survey Plots – PCT Reference Sites                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative title(s)                   | VIS Flora Survey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Abstract                               | <p>This is a dataset of the NSW BioNet Flora Survey Data Collection that is maintained via the Flora Survey Module of the NSW BioNet Atlas application. This collection is a central, authoritative database for systematic vegetation survey data in NSW. This dataset includes full floristic survey sites that have been allocated to PCTs through the quantitative classification method outlined in A revised classification of plant communities of eastern New South Wales (DPE 2022).<br/> <a href="https://environment.nsw.gov.au/research-and-publications/publications-search/a-revised-classification-of-plant-communities-of-eastern-new-south-wales">https://environment.nsw.gov.au/research-and-publications/publications-search/a-revised-classification-of-plant-communities-of-eastern-new-south-wales</a>. As such these sites are reference sites for quantitative PCTs.</p> <p>Access</p> <p>The full datasets (sites and species) may be accessed via the BioNetAtlas application <a href="http://www.BioNet.nsw.gov.au/">http://www.BioNet.nsw.gov.au/</a>. Site-level data (without species) is available in a machine readable form via the BioNet OData Web Service <a href="https://data.bionet.nsw.gov.au/">https://data.bionet.nsw.gov.au/</a>. That OData data service is delivered to SEED where it is rendered as a map layer (i.e. Web Map Service). You may also query and extract simplified data from SEED Map View – this video explains How to access BioNet systematic flora survey plot data using the SEED portal. <a href="https://vimeo.com/455328331">https://vimeo.com/455328331</a>. Data in BioNet is made available in accordance with DPE's Sensitive Species Data Policy <a href="https://www.environment.nsw.gov.au/topics/animals-and-plants/wildlife-management/wildlife-policies-and-guidelines/sensitive-species-data">https://www.environment.nsw.gov.au/topics/animals-and-plants/wildlife-management/wildlife-policies-and-guidelines/sensitive-species-data</a>. For species categorised as "sensitive", location information may be withheld depending on the species' status under the policy, and on the access rights of the user. Records in BioNet are not guaranteed to be free from error or omission.</p> |
| Resource locator                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <a href="#">Show on SEED Web Map</a>   | <p>Name: Show on SEED Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Display dataset on SEED's map</p> <p>Function: download</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <a href="#">Data Quality Statement</a> | <p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for NSW BioNet Flora Survey Plots - PCT Reference Site. These plots allocated to plant community types, during development of the plant community types and represent point of truth for on ground observations.</p> <p>Function: download</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <a href="#">ArcGIS REST Service</a>    | <p>Name: ArcGIS REST Service</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>ArcGIS REST Services Directory - provides a variety of interfaces for web browsers and GIS users, and developers, to view NSW BioNet Flora Survey Sites PCTs maps</p> <p>Function: download</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Unique resource identifier             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Code                                   | 9dbab12b-8a51-403e-938d-499aa3283725                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Presentation form                      | Document digital                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Edition                                       | BioNet-Atlas v3.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dataset language                              | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Metadata standard                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Name                                          | ISO 19115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Edition                                       | 2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dataset URI                                   | <a href="https://datasets.seed.nsw.gov.au/dataset/9dbab12b-8a51-403e-938d-499aa3283725">https://datasets.seed.nsw.gov.au/dataset/9dbab12b-8a51-403e-938d-499aa3283725</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purpose                                       | Flora Survey data are used in environmental assessment and planning, and for purposes of scientific research. This data supports the development of i) a quantitatively derived NSW Plant Community Type classification, ii) vegetation type condition benchmarks, iii) Plant Community Type mapping, and iv) species distribution modelling. Products i) & ii) are used directly in NSW metric based assessment processes including, Property Vegetation Planning, BioBanking, BioMetric and BioCertification. Products iii) & iv) are used indirectly to support the maintenance of data content used in these assessment processes. Data in this collection are distributed to the National TERN / AEKOS Australian Ecological Survey Database. Species occurrence records are also made available through the BioNet Species Sightings data collection, from where they are distributed to the National Atlas of Living Australia. |
| Status                                        | On going                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Spatial representation                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Type                                          | vector                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Spatial reference system                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Code identifying the spatial reference system | 4283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Equivalent scale                              | 1:None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Topic category                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

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|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Keyword set</b>                               |                                                                                                                             |
| keyword value                                    | NSW<br>FLORA-Native<br>VEGETATION-Floristic                                                                                 |
| <b>Originating controlled vocabulary</b>         |                                                                                                                             |
| Title                                            | ANZLIC Search Words                                                                                                         |
| Reference date                                   | 2008-05-16                                                                                                                  |
| <b>Geographic location</b>                       |                                                                                                                             |
| West bounding longitude                          | 141                                                                                                                         |
| East bounding longitude                          | 154                                                                                                                         |
| North bounding latitude                          | -38                                                                                                                         |
| South bounding latitude                          | -28                                                                                                                         |
| <b>Vertical extent information</b>               |                                                                                                                             |
| Minimum value                                    | -100                                                                                                                        |
| Maximum value                                    | 2228                                                                                                                        |
| <b>Coordinate reference system</b>               |                                                                                                                             |
| Authority code                                   | urn:ogc:def:cs:EPSG::                                                                                                       |
| Code identifying the coordinate reference system | 5711                                                                                                                        |
| <b>Temporal extent</b>                           |                                                                                                                             |
| Begin position                                   | 1990-06-01                                                                                                                  |
| End position                                     | N/A                                                                                                                         |
| <b>Dataset reference date</b>                    |                                                                                                                             |
| <b>Resource maintenance</b>                      |                                                                                                                             |
| Maintenance and update frequency                 | As needed                                                                                                                   |
| <b>Contact info</b>                              |                                                                                                                             |
| Contact position                                 | Data Broker                                                                                                                 |
| Organisation name                                | NSW Department of Climate Change, Energy, the Environment and Water                                                         |
| Telephone number                                 | 131555                                                                                                                      |
| Email address                                    | <a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>                                  |
| Web address                                      | <a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a> |
| Responsible party role                           | pointOfContact                                                                                                              |

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Lineage                                   | <p>The BioNet Flora Survey Data Collection is maintained in the "VIS Flora Survey module" of BioNet. This collection was originally developed and maintained in stand-alone databases known as YETI. YETI was developed by the NSW National Parks and Wildlife Service as a Microsoft Access database designed to enter, query and massage data from plot-based vegetation surveys into data formats required for use in analysis software packages such as PATN (Text archive format), R or S-Plus, Primer, PC-ORD and CANOCO (Condensed Cornell format). This functionality is supported in all subsequent versions. In 2007, as a first step in centralising the management and access to vegetation survey data, a centralised SQL database was established within OEH. The MS Access front-end application was retained with additional functionality, including the ability to choose between back-end files stored in MS Access or the SQL Server. This allowed OEH users to access YETI as a centralised database, while external users continued to use the standalone MS Access version. Progressively, standalone versions have been harvested into the centralised SQL database.</p> <p>In 2009, YETI was modified to align with new field survey protocols (and field survey sheets) documented in the NSW Native Vegetation Interim Type Standards . A modular field survey approach was introduced which included, for the first time, a vegetation condition survey protocol developed for the Monitoring Evaluation and Reporting Program (MER) for vegetation condition.</p> <p>In 2011, YETI was integrated into the BioNet-Atlas database to be managed along with species sightings, fauna survey and threatened species profiles. At this point YETI was renamed the VIS Flora Survey Module reflecting the investment in the NSW Vegetation Information System project to build and integrated information systems for vegetation plots, classification and maps.</p> |  |  |
| Limitations on public access              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Scope                                     | dataset                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| DQ Completeness Commission                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Effective date                            | 2001-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| DQ Completeness Omission                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Effective date                            | 2001-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Explanation                               | Survey work and data entry is ongoing, and the dataset will never be complete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |
| DQ Conceptual Consistency                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Effective date                            | 1900-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| DQ Topological Consistency                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Effective date                            | 1900-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| DQ Absolute External Positional Accuracy  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Effective date                            | 1900-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| DQ Non Quantitative Attribute Correctness |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Effective date                            | 1900-01-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Responsible party                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |
| Contact position                          | Data Broker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| Organisation name                         | NSW Department of Climate Change, Energy, the Environment and Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
| Telephone number                          | 131555                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |
| Email address                             | <a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Web address                               | <a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| Responsible party role                    | pointOfContact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |

## Metadata point of contact

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Contact position       | Data Broker                                                                                                                 |
| Organisation name      | NSW Department of Climate Change, Energy, the Environment and Water                                                         |
| Telephone number       | 131555                                                                                                                      |
| Email address          | <a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>                                  |
| Web address            | <a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a> |
| Responsible party role | pointOfContact                                                                                                              |

|               |                            |
|---------------|----------------------------|
| Metadata date | 2024-02-26T13:44:06.774865 |
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|                   |
|-------------------|
| Metadata language |
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