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| Title                                  | Phytophthora distribution   |
| Abstract                               | <p>These maps are the output of a project investigating the distribution and risk of the pathogen <i>Phytophthora cinnamomi</i> in New South Wales. The distribution of <i>P. cinnamomi</i> was modelled with occurrence data and environmental layers of climate and soils using the modelling software MaxEnt. Presence records were used to model distribution while absence records were used to define the extent of modelling. Future distribution (to 2070) was also modelled using projected climate layers for two emissions scenarios (rcp 4.5 and 8.5), averaged over three climate models. Current and future risk were modelled by multiplying distribution layers with layers of susceptible threatened plants. The methodology used is described in McDougall &amp; Liew (2020) Quantifying the distribution and threat of <i>Phytophthora cinnamomi</i> in New South Wales: implications for its management in natural vegetation. Cunninghamia 20, 153-181. The distribution shapefile shows where <i>P. cinnamomi</i> has been detected in soil or plant samples (presences). These data should be used indicatively because the locations of some records could not be verified.</p> |
| Resource locator                       |   |
| <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 <i>Phytophthora</i> distribution</p> <p>Function: download</p>   |
| <a href="#">Published report</a>       | <p>Name: Published report</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Report - Quantifying the distribution and threat of <i>Phytophthora cinnamomi</i> in NSW: implications for its management in natural vegetation</p> <p>Function: download</p>   |
| <a href="#">Data download</a>          | <p>Name: Data download</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>TIFFS and point data (ESRI shapefile)</p> <p>Function: download</p>  |
| Unique resource identifier             |   |
| Code                                   | aecabc02-2896-4565-b40e-94053aa3c180  |
| Presentation form                      | Map digital   |
| Edition                                | v1  |
| Dataset language                       | English   |
| Metadata standard                      |   |
| Name                                   | ISO 19115   |
| Edition                                | 2016  |
| Dataset URI                            | <a href="https://datasets.seed.nsw.gov.au/dataset/aecabc02-2896-4565-b40e-94053aa3c180">https://datasets.seed.nsw.gov.au/dataset/aecabc02-2896-4565-b40e-94053aa3c180</a>   |
| Purpose                                | Pest management   |

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|---|-----------|
| Status  | Completed |
| Spatial representation type                   | grid      |
| Spatial reference system                      |           |
| Code identifying the spatial reference system | 4283      |
| Spatial resolution                            | 1000 m    |
| Topic category                                |           |

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| <b>Keyword set</b>                               |   |
| keyword value                                    | DISEASE<br>HAZARDS-Pests  |
| <b>Originating controlled vocabulary</b>         |   |
| Title  | ANZLIC Search Words   |
| Reference date                                   | 2008-05-16  |
| <b>Geographic location</b>                       |   |
| West bounding longitude                          | 147   |
| East bounding longitude                          | 153.6417  |
| North bounding latitude                          | -37.5083  |
| South bounding latitude                          | -28.15  |
| <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                                   | 2019-03-01  |
| End position                                     | N/A   |
| <b>Dataset reference date</b>                    |   |
| <b>Resource maintenance</b>                      |   |
| Maintenance and update frequency                 | Not planned   |
| <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  |
| <b>Lineage</b>                                   | Records of Phytophthora cinnamomic presence and absence in NSW and the ACT were obtained from available databases, DPIE records and published surveys. See Table 1 in the Report. Species distribution modelling was performed with the program MaxEnt. |
| <b>Limitations on public access</b>              |   |

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|---------------------------|---|
| 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 |   |
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| 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             | 2024-02-26T13:19:48.143421  |
| Metadata language         |   |