



Accessing plant community type lineage transformation data from BioNet

Quick guide for BioNet Vegetation Classification

Department of Planning and Environment



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Environment and Heritage Group
Department of Planning and Environment
Locked Bag 5022, Parramatta NSW 2124
Phone: +61 2 9995 5000 (switchboard)
Phone: 1300 361 967 (Environment and Heritage enquiries)
TTY users: phone 133 677, then ask for 1300 361 967
Speak and listen users: phone 1300 555 727, then ask for 1300 361 967
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How to access plant community type lineage transformation data from BioNet

As the NSW plant community type (PCT) classification improves, old PCTs may be Decommissioned, and new PCT may be added. Relationships between old PCTs and new PCTs are documented and referred to as PCT Lineage. PCT Lineage data can be viewed or downloaded from the BioNet Vegetation Classification application.

For each relationship, the old PCTs are termed 'Parent PCTs' while the replacement PCTs are termed 'Offspring PCTs'.

PCT Lineage data are not yet available in the BioNet Web Service but are expected to be added in late 2023.

View data on-screen for individual plant community types

1. Log into the BioNet Vegetation Classification application.
2. Go to the 'PCT DATA' menu to search for and open a PCT using the 'View a PCT' or 'Filter PCTs' functionality (for detailed instructions, refer to the BioNet Vegetation Classification User Manual).
3. Go to the 'Status, Lineage history' tab to view PCT lineage transformation data.
4. The 'Transformation details' field contains a short summary of the relationship between the Decommissioned 'Parent' PCTs and the new Approved 'Offspring' PCTs.

For the Eastern NSW PCT Classification, the statement also indicates whether the relationship is strong or weak, and the relative importance of each Offspring PCTID. The statement lists the Offspring PCT IDs and PCT Names in descending order of relationship strength.

Figure 1 Plant community type lineage transformation data are visible in the ‘Lineage’ section for each Parent and Offspring PCT

Bulk download of all plant community type lineage transformation data

1. Log into the BioNet Vegetation Classification application.
2. Go to ‘PCT DATA’ menu > ‘Export Bulk Data’ tab, then at the bottom of the list of reports/exports click on ‘PCT Lineage History data’ and open the .CSV file.
3. Filters can be used to select particular PCTs, PCT authorities, transformation types etc., e.g., ‘Offspring PCT Authority’ can be filtered for particular vegetation classifications, e.g., ‘Eastern NSW PCT Classification’.
4. Note, the data from the ‘Transformation details’ field in the BioNet Vegetation Classification application is displayed in the ‘PCT-specific lineage transformation notes’ field in the CSV export. This is important data that will help with understanding and interpretation of the PCT relationships.

For the Eastern NSW PCT Classification, this spreadsheet only contains new quantitative PCTs that have a relationship to one or more old PCT. These 144 quantitative PCTs that are not related to any old PCT – these PCTs are constructed from recently collected plots that were not available to previous classification projects.

Parent PCTID	Parent PCT Name	Parent authority	Parent PCT Classification Confidence Level	Lineage Transformation Date	Lineage Transformation Type	Offspring PCTID	Offspring PCT Name	Offspring PCT Authority	Offspring PCT Classification Confidence Level	Lineage Transformation details	Reason for lineage change	PCT-specific lineage transformation notes
675	Black Cypress Pine - Tumbledown Red	PADACS - archive	5-Very Low	16/06/2022 16:06	Complex split to	4151	Northwest White Pine-Silver-leaved	Eastern NSW PCT	1-Very High		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1302	White Booyong - Fig subtropical	PADACS - archive	5-Very Low	16/06/2022 14:47	Single Split to	3009	Far North Lowland Palm Gully	Eastern NSW PCT	2-High		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3070	Far North Hinterland Kamala-Coogera Dry	Eastern NSW PCT	1-Very High		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3118	Yuraygir Range Gully Dry Rainforest	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3116	Wooloweyah Sandstone Lowland	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1302	White Booyong - Fig subtropical	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3015	Lower Richmond Sandflat Subtropical	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3112	Tenterfield Hills Dry Rainforest	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1302	White Booyong - Fig subtropical	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	4031	Far North Estuarine Swamp Oak	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3109	Southern Lismore Basalt Dry	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1302	White Booyong - Fig subtropical	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3121	Broken Head Lowland Rainforest	Eastern NSW PCT	2-High		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3095	Mount Warrawolong Scree Slope	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1302	White Booyong - Fig subtropical	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3022	Port Macquarie Coastal Subtropical	Eastern NSW PCT	3-Medium		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1235	Swamp Oak swamp forest of the	PADACS - archive	5-Very Low	16/06/2022 11:17	Complex split to	3987	Far North Floodplain Paperbark-Swamp	Eastern NSW PCT	2-High		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3093	Mooball Dry Rainforest	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1235	Swamp Oak swamp forest of the	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	4032	Far North Floodplain Red Gum Sedge	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
887	Hoop Pine - Yellow Tulipwood dry	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3080	Killarney Dry Rainforest	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
669	Black Bean - Weeping Lilly Pilly	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	4110	Lower North Estuarine Sand Dry	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
522	Kunzea - Leptospermum	VCA 1.1 - archive	3-Medium	16/06/2022 11:17	Complex split to	3845	Tenterfield Granite Skeletal Shrubland	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is
1302	White Booyong - Fig subtropical	PADACS - archive	5-Very Low	16/06/2022 11:17	Single Split to	3008	Far North Lowland Sub-Littoral	Eastern NSW PCT	5-Very Low		Systematic ecological	The relationship between the legacy PCT and new PCTs is

Figure 2 Plant community type lineage history data CSV bulk data export

More information

- [BioNet Vegetation Classification](#)
- [BioNet Vegetation Classification application](#)
- [BioNet Vegetation Classification User Manual](#)