BioNet Vegetation Classification Data

Release Notes
November 2016
Version 1

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www.environment.nsw.gov.au

Contents

Background

BioNet is the trusted source of biodiversity data for NSW.

BioNet supplies robust biodiversity data to NSW government assessment tools via web services, including the proposed BAM Tool and Biodiversity Credit Calculator, thereby ensuring improved environmental decision making through integration of consistent and reliable biodiversity data in planning and assessment systems.

BioNet VIS Classification (VIS_C) is the trusted source of the NSW Plant Community Type (PCT) Master Classification and associated statutory data (% cleared data, benchmarks, TEC association data) as well as NSW Landscapes data.

The Biodiversity Information Systems Unit within Science Division is responsible for the maintenance and improvement of all biodiversity data sets held within the BioNet data repositories and for making these data openly available in alignment with the goals of OpenOEH.

All changes to the PCT classification are evidence based, and moderated by the Plant Community Type Change Control Panel chaired by the NSW Royal Botanic Gardens and Domain Trust.

Data publishes add critical data to improve the quality of these datasets, and application functionality improvements reduce barriers to users wanting to access these data.

PCTs are periodically updated as part of an on-going data quality improvement program.

New, revised and decommissioned PCTs

Sydney Metropolitan Vegetation Classification

On 26 October 2016 a major upgrade to the NSW plant community type took effect for the Sydney Metropolitan region with the publication of the approved classification changes in BioNet Vegetation Information System - Classification database.

Importantly this upgrade brings into alignment the approved plant community types and the Sydney Metropolitan Area Native Vegetation Map (VIS_ID 3817).

This publication event includes:

- Change in status of 104 PCTs from Provisionally Approved to Approved, including:
  - New PCTs See. Table 1
  - 7 existing PCTs with new BioMetric vegetation Types (BVTs). See Table 2
- 8 existing PCTs with BVT/s unassigned. See Table 3
- Decommissioning of 1 PCT

Approved PCTs include the following data values:

- % cleared estimates for all BioMetric Vegetation Types (BVTs)
- vegetation condition benchmarks for all BVTs
- Threatened Ecological Communities associated with each relevant PCT

Threatened Species Profiles associated with each relevant BVT (these have been concurrently published in the Atlas Threatened Species Profiles Database)

Detailed PCT and BVT changes are listed in Appendix 1.

History of the decision:

In 2013 the Sydney Metropolitan Native Vegetation Map was publically released. This map incorporated a new quantitatively derived vegetation classification for the region.

This classification was Provisionally Approved by the PCT Change Control Panel   on 28th July 2014.

This publish of Approved PCT statuses follows the completion, review and upload of Threatened Species Profile Associations for SM CMA BioMetric Vegetation Types (BVTs) into the BioNet - Atlas TSPD.

Other enhancements and corrections

None.

Documentation

Documentation for VIS Classification, including the Public and Edit User Manuals, are available at data.bionet.nsw.gov.au.

Access the latest plant community type classification via the VIS-C application.

Or via BioNet Vegetation Classification API.

No documents have been created or updated as a result of changes implemented in this Publish.

Warnings and known issues

None.

Appendix 1: PCT and BVT changes by Sydney Metropolitan Vegetation Classification Project

Table 1.   New PCTs and BVTs

PCT ID	Summary	Include in TSA upload?	ME BVTID	Status	HN BVTID	Status	SR BVTID	Status
1824	New PCT created by split of existing PCT by OEH (2013)	Y	ME100	New	HN660	New	SR701	New
1822	New PCT created by split of existing PCT by OEH (2013)	Y	ME101	New	HN659	New		
1795	New PCT created by split of existing PCT by OEH (2013)	Y	ME102	New	HN663	New		(Needed)
1798	New PCT created by split of existing PCT by OEH (2013)	Y	ME103	New		(Needed)		
1804	New PCT created by split of existing PCT by OEH (2013)	Y	ME105	New	HN662	New		
1783	New PCT created by split of existing PCT by OEH (2013)	Y	ME106	New	HN657	New		
1828	Completely new PCT created by OEH (2013)	Y	ME57	New	HN667	New	SR697	New
1841	Completely new PCT created by OEH (2013)	Y	ME58	New	HN648	New		
1794	Completely new PCT created by OEH (2013)	Y	ME59	New		(Needed)		
1843	Completely new PCT created by OEH (2013)	Y	ME60	New			SR699	New
1845	New PCT created by split of existing PCT by OEH (2013)	Y	ME61	New	HN653	New		
1847	Completely new PCT created by OEH (2013)	Y	ME62	New				

PCT ID	Summary	Include in TSA upload?	ME BVTID	Status	HN BVTID	Status	SR BVTID	Status
1915	Completely new PCT created by OEH (2013)	Y	ME63	New				(Needed)
1776	New PCT created by split of existing PCT by OEH (2013)	Y	ME64	New	HN654	New		
1778	Completely new PCT created by OEH (2013)	Y	ME65	New	HN655	New		
1780	New PCT created by split of existing PCT by OEH (2013)	Y	ME66	New	HN656	New		
1782	New PCT created by split of existing PCT by OEH (2013)	Y	ME67	New				
1785	New PCT created by split of existing PCT by OEH (2013)	Y	ME68	New			SR694	New
1789	New PCT created by split of existing PCT by OEH (2013)	Y	ME69	New	HN672	New		
1790	New PCT created by split of existing PCT by OEH (2013)	Y	ME70	New	HN673	New		
1817	Completely new PCT created by OEH (2013)	Y	ME71	New	HN658	New	SR700	New
1823	New PCT created by split of existing PCT by OEH (2013)	Y	ME72	New		(Needed)		
1826	New PCT created by split of existing PCT by OEH (2013)	Y	ME73	New		(Needed)		
1810	Completely new PCT created by OEH (2013)	Y	ME74	New		(Needed)		
1803	New PCT created by split of existing PCT by OEH (2013)	Y	ME75	New	HN661	New		
1808	Completely new PCT created by OEH (2013)	Y	ME76	New		(Needed)		(Needed)
1809	Completely new PCT created by OEH (2013)	Y	ME77	New		(Needed)		(Needed)
1800	Completely new PCT created by OEH (2013)	Y	ME79	New	HN674	New		
1911	Completely new PCT created by OEH (2013)	Y	ME80	New		(Needed)		(Needed)

PCT ID	Summary	Include in TSA upload?	ME BVTID	Status	HN BVTID	Status	SR BVTID	Status
1912	New PCT created by split of existing PCT by OEH (2013). ME BVT (ME81) MISTAKENLY added to PCT then withdrawn. ME81 retired.	Y	ME81	ME81 unassigned as created in error	HN649	New		
1913	Completely new PCT created by OEH (2013)	Y	ME82	New				(Needed)
1914	Completely new PCT created by OEH (2013)	Y	ME83	New	HN668	New		
1832	Completely new PCT created by OEH (2013)	Y	ME84	New				(Needed)
1846	Completely new PCT created by OEH (2013)	Y	ME87	New	HN670	New	SR695	New
1833	Completely new PCT created by OEH (2013)	Y	ME90	New	HN652	New	SR698	New
1793	New PCT created by split of existing PCT by OEH (2013)	Y	ME94	New				(Needed)
1775	New PCT created by split of existing PCT by OEH (2013)	Y	ME96	New				
1777	New PCT created by split of existing PCT by OEH (2013)	Y	ME97	New	HN675	New	SR696	New
1786	New PCT created by split of existing PCT by OEH (2013)	Y	ME98	New	HN650	New		

PCT ID	Summary	Include in TSA upload?	ME BVTID	Status	HN BVTID	Status	SR BVTID	Status
1787	New PCT created by split of existing PCT by OEH (2013)	Y	ME99	New	HN671	New		

Table 2. New BVTs for existing PCTs

PCT ID	Summary	ME BVTID	Status	HN BVTID	Status	SR BVTID	Status
1557	Existing PCT mapped in SM SA by OEH (2013)	ME88	new	665	new		
1565	Existing PCT mapped in SM SA by OEH (2013). ME BVT (ME86) MISTAKENLY added to PCT then withdrawn. ME86 retired.		ME86 unassigned as created in error	664	new		
906	Existing PCT mapped in SM SA by OEH (2013)	ME104	new				
1204	Existing PCT mapped in SM SA by OEH (2013)	ME89	new	666	new		
1250	Existing PCT mapped in SM SA by OEH (2013)			651	new		
941	Existing PCT mapped in SM SA by OEH (2013)	ME91	new				
1127	Existing PCT mapped in SM SA by OEH (2013)	ME92	new				

Table 3. Retired BVTs and Decommissioned PCT

PCT ID	Summary	Detail	ME BVTID Retired
1081	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	1081 split to create 1787 and 1790. 1081 currently retained in VIS as associated with other BVTs.	ME038
1083	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	1083 split to create 1777, 1783 and 1782. 1083 currently retained in VIS as associated with other BVTs.	ME014

PCT ID	Summary	Detail	ME BVTID Retired
1085	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired. PCT Decommissioned.	1085 split to create 1786 and 1845. 1085 currently retained in VIS as associated with other BVTs.	ME039
659	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	659 split to create 1775 and 1793. 659 currently retained in VIS as associated with other BVTs.	ME009
1181	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	1181 split to create 1776, 1789 and 1912. 1181 currently retained in VIS as associated with other BVTs.	ME029
1143	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	1143 split to create 1822 and 1823. 1143 currently retained in VIS as associated with other BVTs.	ME034
882	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	882 split to create 1824 and 1826. 882 currently retained in VIS as associated with other BVTs.	ME013
978	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	978 split to create 1803 and 1804. 978 currently retained in VIS as associated with other BVTs.	ME015
923	Existing PCT split by OEH (2013). No longer in SM SA. ME BVT retired.	923 split to create 1795 and 1798. 923 currently retained in VIS as associated with other BVTs.	ME040
743		No longer in use in TSPD; unassigned in VIS_C	ME036
875		No longer in use in TSPD; unassigned in VIS_C	ME042
897		No longer in use in TSPD; unassigned in VIS_C	ME054
1105		No longer in use in TSPD; unassigned in VIS_C	ME033
1284		No longer in use in TSPD; unassigned in VIS_C	ME032
1300		No longer in use in TSPD; unassigned in VIS_C	ME037
1064		No longer in use in TSPD; unassigned in VIS_C	ME050
1821		Unassigned in VIS_C; not in TSPD	ME78

Table 4.   Existing PCTs – no change to threatened species profile associations

PCT ID	Duplicate PCT decommissioned (incorrectly created, should not be used) – PCT status will be changed to Withdrawn	BVT incorrectly created and now unassigned (should not be used)
661	1842	ME95
664	1819	
694	1844	
724	1774	
725	1773	
771	1818	
772	1821	ME78
781	1805	
830	1813	
835	1799	
849	1815	
850	1814	
877	1831	
881	1825	
883	1791	
898	1812, 897	
905	1829	
906	1827	ME85
910	1834	
920	1837	
941	1802	

PCT ID	Duplicate PCT decommissioned (incorrectly created, should not be used) – PCT status will be changed to Withdrawn	BVT incorrectly created and now unassigned (should not be used)
1061	1820	
1067	1792	
1126	1838	
1127	1836	
PCT ID	Duplicate PCT decommissioned (incorrectly created, should not be used) – PCT status will be changed to Withdrawn	BVT incorrectly created and now unassigned (should not be used)
1204	1811	
1214		
1231	1797	ME93
1232	1796	
1234	1801	
1236	1806	
1237	1840	
1245		
1250	1781	
1281	1848	
1292	1835	
1395	1816	
1557		
1565		ME86