NSW GOVERNMENT Office of Environment & Heritage

Reforming NSW Vegetation Information

MAPPED OUT 2013, WAGGA WAGGA

Ron Avery

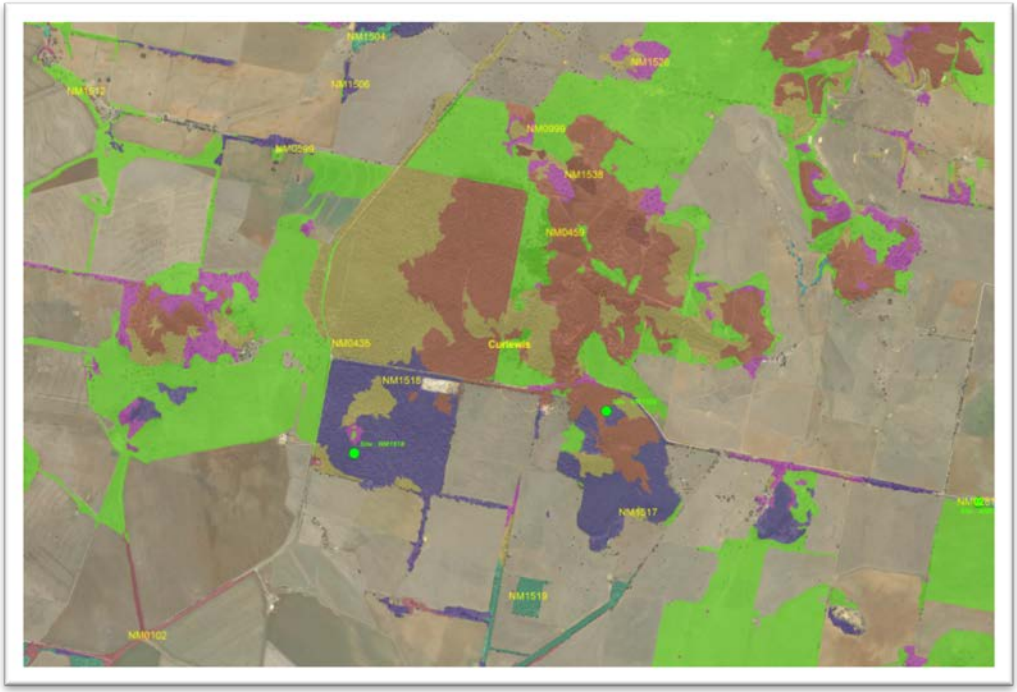
Biodiversity Information Systems

Outline

- Vision
- Getting started - 2006
- Progress to date
  - Governance
  - Survey
  - Classification
  - Maps
- Next steps

Vision

Conservation, planning and regulation are** enabled **through easy access to consistent, relevant and scientifically robust native vegetation information.



Getting Started

- Listening and understanding the problem
- Quantifying the costs & benefits
- Educating the executive, building support
- Designing an appropriate solution
- Managing cultural change
- Refinement, maintenance and support

Progress to date

Governance

- Science Division Lead
  - Vegetation Information System 2007
  - Classification 2010
  - Mapping 2012
- New Native Vegetation Information Science Branch 2013
  - Biodiversity Information Systems
  - Ecology & Classification
  - Native Vegetation Mapping
  - Remote Sensing and Land Assessment

Progress to date

Survey

- Standards – field survey method
- Consolidation of standalone YETI databases
- 60,000 site records
- VIS Flora Survey Module (Bio-net / Atlas of NSW Wildlife)
  - Submit survey data online
  - Creat data analysis sets in-situe
  - Search & export data
- Push to National data base (TERN AEkos)

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BioNet the website for the Atlas of NSW Wildlife

HOME | ATLAS SEARCH | VIS FLORA SURVEY

You are here: Home > VIS Flora Survey

VIS Flora Survey

Displaying your results below

Survey name	Description	Start date	End date	Custodian	No. of sites
API_SCRA	Southern CRA API sites: surveyID created by Mark Tozer for sites contained in the Southern CRA databae for which no surveyID was specified	01/02/2000	01/12/2000	Office of Environment and Heritage	260
EWSWS	Eric Whiting's Southwest Slopes Vegetation Surveys	22/03/1987	15/11/1998	Unknown	558
GDE	Groundwater Dependent Ecosystems - Full Floristic Survey	12/04/2010	13/05/2010	NSW Office of Water	81
KY_HUM	Communities in Landscapes veg data	14/12/2010	17/12/2010	Office of Environment and Heritage	21
LIDMURRUMB	Vegetation surveys in the Murrumbidgee and Cumbung Swamp wetlands to validate LiDAR surveys	26/11/2007	18/12/2007	Office of Environment and Heritage	41
MURRUM	Murrumbidgee Flora Sites (DEWHA)	05/05/2010	17/06/2010	Environment Australia, Canberra	73
NP_CANOP	NPWS Tumut Interim Assessment Project Canopy Only Site	01/01/1996	31/12/1996	Office of Environment and Heritage	521
NP_SCRA	NPWS Southen Zone compiled and coordinated survey for Southern CRA Vegetation Map	01/01/1995	31/12/1999	Office of Environment and Heritage	1511
RH	Riverina Highlands? The SouthernCRA database included sites with the SurveyID RH, however there was no such entry in the Survey table.	06/05/1999	15/09/1999	Office of Environment and Heritage	71
SF_MUR	State Forest Murraguldrie SF Survey (SF_MUR)	01/01/1970	30/06/2011	NSW Department of Primary Industries Forests	1
SFTUMB04	Floristic survey of sites subjectively chosen for monitoring of avifauna in State forests of the Tumbarumba area. Avifauna sites were chosen to be broadly representative of the range of native vegetation in State forests in this area.	14/10/2003	18/03/2004	NSW Department of Primary Industries Forests	27
SWGRASS	South West Grass Vegetation Survey (Riverina Grassland Survey)	13/09/1995	18/10/1995	Royal Botanic Gardens & National Herbarium of NSW, Sydney	67
TARCUTTA	NVIS level 5 information to support API for the ADS-40 mapping program (DECCW - Queanbeyan)	25/10/2010	30/06/2011	Office of Environment and Heritage	113
UMC2	Upper Murrumbidgee survey plots by Ken Turner, James Crooks and Rob Armstrong - full-floristic 'NSW Interim Type Standard' plots	05/01/2001	19/01/2011	ACT Parks, Conservation and Lands	26

Progress to date

Classificati

- Classification Hi
- PCT change cor
- VIS Classificatio
  - PCT descriptio
  - BioMetric Veg
  - BioMetric Con Benchmarks
  - Links to Threa Ecological Cor

You are here: Home > Threatened species > Search for threatened species

Carex Sedgeland of the New England Tableland, Nandewar, Brigalow Belt South and NSW North Coast Bioregions - profile

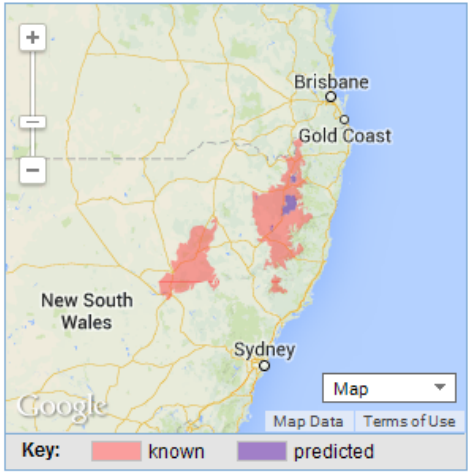
Scientific name: *Carex Sedgeland of the New England Tableland, Nandewar, Brigalow Belt South and NSW North Coast Bioregions*

Conservation status in NSW: Endangered Ecological Community

Commonwealth status: Not listed

Gazetted date: 15 Apr 2011
Profile last updated: 16 Apr 2013

Indicative distribution



The areas shown in pink and/purple are the sub-regions where the species or community is known or predicted to occur. They may not occur thoughout the sub-region but may be restricted to certain areas. (click here to see geographic restrictions). The information presented in this map is only indicative and may contain errors and omissions.

Description

Carex Sedgelands are fens dominated by sedges, grasses and semi-aquatic herbs. Dominant species are *Carex appressa*, *Stellaria angustifolia*, *Scirpus polystachyus*, *Carex gaudichaudiana*, *Carex* sp. Bendemeer, *Carex tereticaulis* and *Isachne globosa*, either as single species or in combinations. Carex Sedgeland falls within the general formation of montane bogs and fens of Beadle (1981) and Keith (2004). Carex Sedgelands include the fen communities C1 *Carex appressa–Stellaria angustifolia*, C2 *Carex appressa*, C3 *Scirpus polystachyus–Carex appressa*, C4 *Carex tereticaulis*, C5 *Carex gaudichaudiana–Isachne globosa*, and *Carex* sp. Bendemeer–*Carex gaudichaudiana* of Hunter and Bell (2009), as well as Sedge Fens of impeded drainage of the Nandewar and New England Tablelands Bioregion (ID 582) described by Benson *et al.* (2010). A comprehensive list of species that characterise the ecological community can be found in the NSW Scientific Committee Final Determination.

Distribution

Carex Sedgelands are mostly found at higher altitude on tablelands but extend onto the slopes. The community has been recorded from the local government areas of Armidale Dumaresq, Warrumbungle, Glen Innes Severn, Guyra, Gwydir, Inverell, Liverpool Plains, Tamworth Regional, Uralla and Walcha. The community occupies an estimated extent of 5000 hectares, which is estimated to be a 50% decline in extent since European settlement. Less than 100 hectares is currently represented in conservation reserves in NSW.

Habitat and ecology

Images

Carex sedgeland, Mummel Gulf National Park Image 1 of 3. View slideshow.

Related information

- Carex Sedgelands of the New England Tableland, Nandewar, Brigalow Belt South and NSW North Coast Bioregions Endangered Ecological Community - Scientific Committee determination

Progress to date

Maps

	A	B	C	D	E	F	G	H
1	NSW VIS LIST OF MAPS - LAST UPDATED SEPTEMBER 2013							
2	VIS ID	VIS Map Catalogue Name	Uploaded	Last Updated	Reference	Metadata File Identifier	NSDC Metadata	OEH Metadata & Data
3	3926	AlburyLGA_E_3926	Aug 2013		no report available	{6BD000F9-8E63-4DA3-9FA7-ECE032FDCBBE}	in progress	in progress
4	3928	AlburyLGA_P_3928	Aug 2013		no report available	{4BE1D9D0-B1AC-41C2-9CC8-86CFAF52D2DD}	in progress	in progress
5	1873	ana_mil_rbg_VISmap_1873	Jan 2010		Fox,M.D. (1981). The natural vegetation of the Ana Branch-Mildura 1:250000 map sheet (New South Wales). Cuninghamia vol 2(3):443-493.	{3653B78E-D36F-470C-A8B7-413E1B83DFB4}	Web page	web page
6	2186	araluen_NVMP_VISmap_2186	Jan 2010		Tindall,D. et al. (2004). Native vegetation map report series No. 4. Araluen, Batemans Bay, Braidwood, Burragorang, Goulburn, Jervis Bay, Katoomba, Kiama, Moss Vale, Penrith, Port Hacking, Sydney, Taralga, Ulladulla & Wollongong 1:100000 Mapsheets. Version 2.2. DEC. DIPNR.	{3FA2CED9-879F-45AD-8024-8F00A27F43E1}	Web page	web page
7	3799	ArdNarra_API_3799 (retired)	May 2011	May 2011	DECCW (2010) Vegetation Mapping by 3-D Digital Image Interpretation - DECCW South Branch Report Series Report No. 1: Vegetation of the Narrandera – Ardlethan Region.□ Technical Report. NSW Department of Environment, Climate Change and Water.	{4A829FFA-D354-4FF6-AC11-0501147C697A}	Web page	n/a
					Peacock,R., Rolhauser, A., Thönell,J. & Law,E. (2009). Extant and potential			

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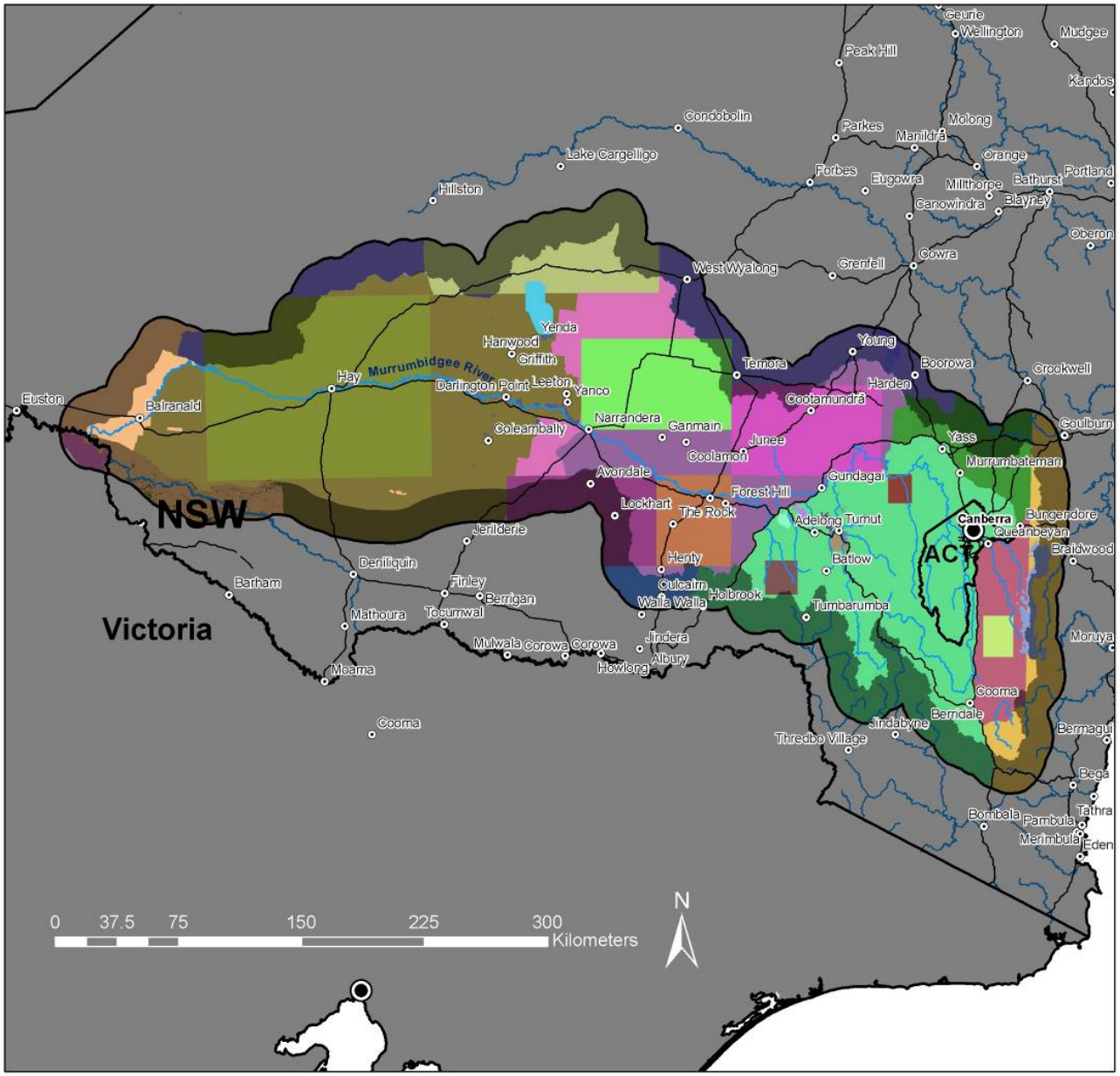
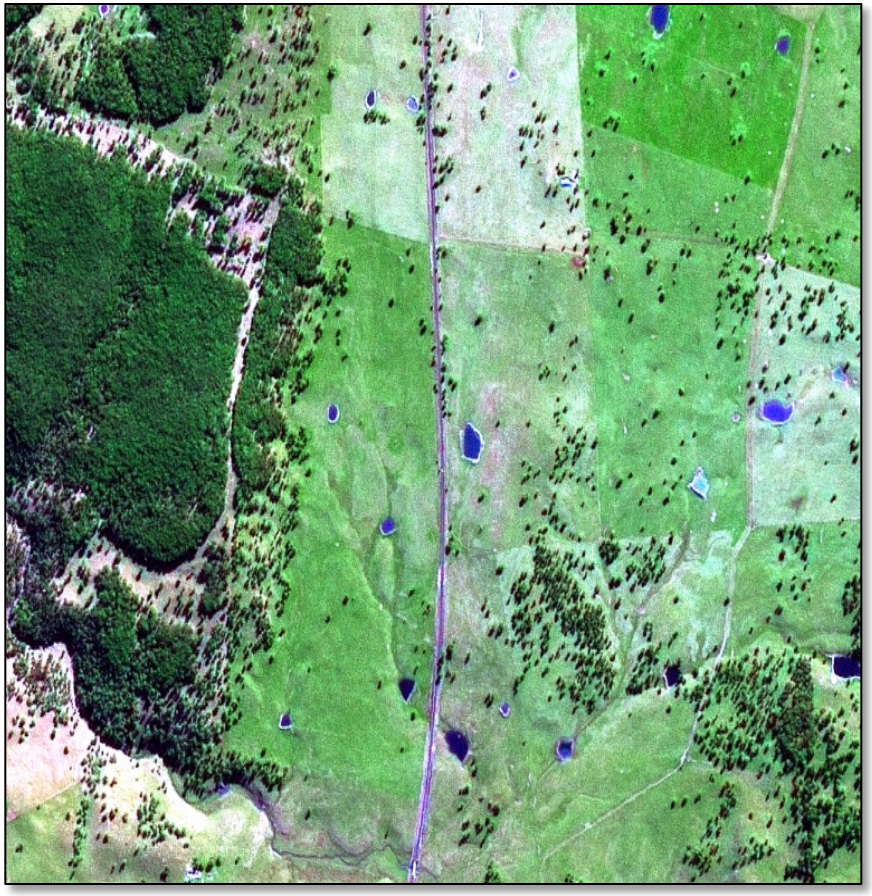
Legend

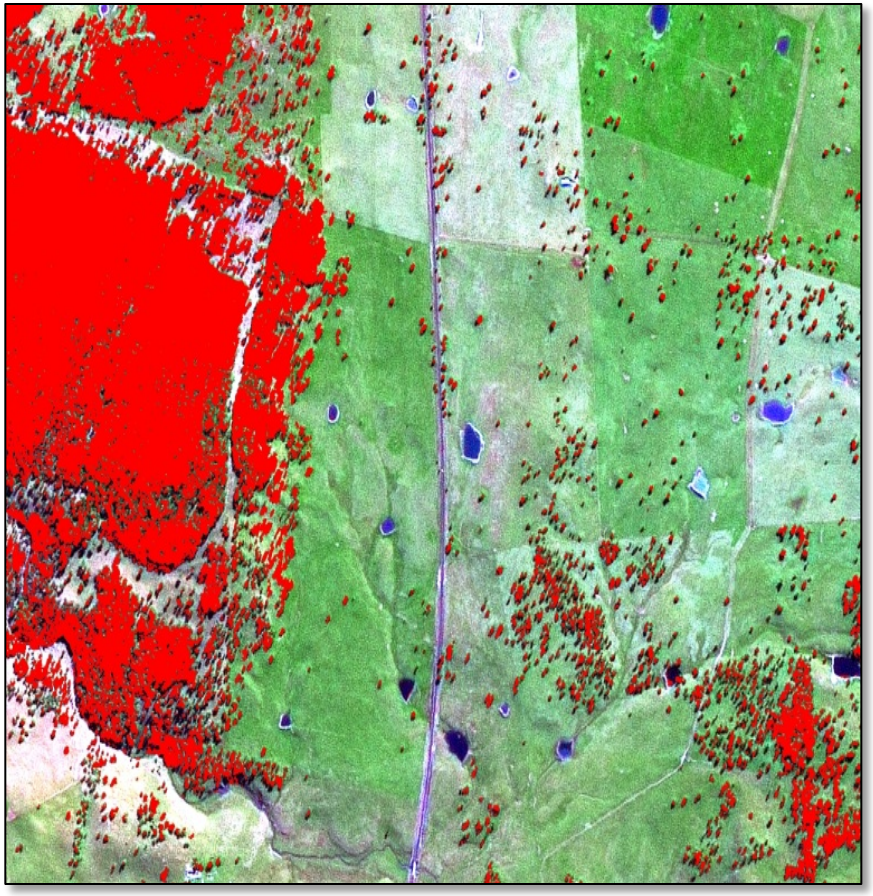
Source Vegetation Data Sets

- MBV_104_VIS_0_cowra_reserves
- MBV_105_VIS_0_tallaganda_canopy
- MBV_106_VIS_0_crafti_west
- MBV_108_VIS_0_crafti_sth_coast
- MBV_109_VIS_0_crafti_nth
- MBV_110_VIS_3812_ads40_wagga
- MBV_111_VIS_3798_ads40_coota_junee
- MBV_112_VIS_3799_ads40_ardlnarra
- MBV_113_VIS_3800_ads40_uranalockhart
- MBV_114_VIS_0_ELA_198_binns_sfveg_riverina
- MBV_116_VIS_792_cocopara
- MBV_122_VIS_981_ELA_215_rbg_riverina
- MBV_123_VIS_2230_south_coast
- MBV_126_VIS_0_downfall
- MBV_127_VIS_0_ellerslie
- MBV_129_VIS_0_minjary_corrected
- MBV_130_VIS_0_mudjarn
- MBV_131_VIS_0_nesthill
- MBV_132_VIS_0_numeralla_area
- MBV_134_VIS_0_tumblong
- MBV_135_VIS_0_weejasper
- MBV_136_VIS_0_wereboldera
- MBV_141_VIS_1612_cargel00
- MBV_142_VIS_2910_murrumbidgee_tant
- MBV_145_VIS_917_murray_darling_M305
- MBV_146_VIS_181_central_edb
- MBV_147_VIS_622_ELA_217_southern_edb
- MBV_148_VIS_2907_ELA_251_murray_tant
- MBV_149_VIS_3779_lachlan_tant
- MBV_150_VIS_899_hay_nvmp_comp
- MBV_151_VIS_0_west_riv

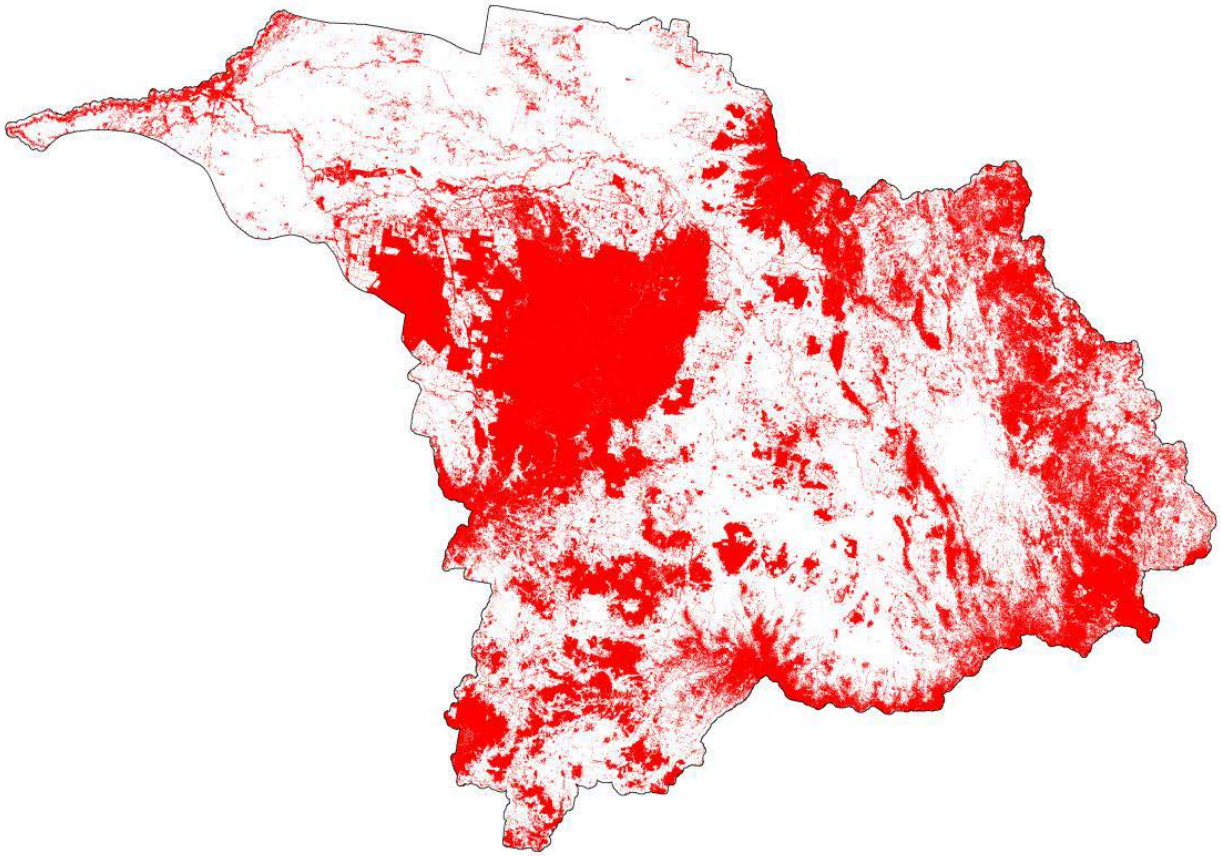


Multi-temporal Classification of Woody Vegetation using Pan-Sharpened SPOT-5 Data

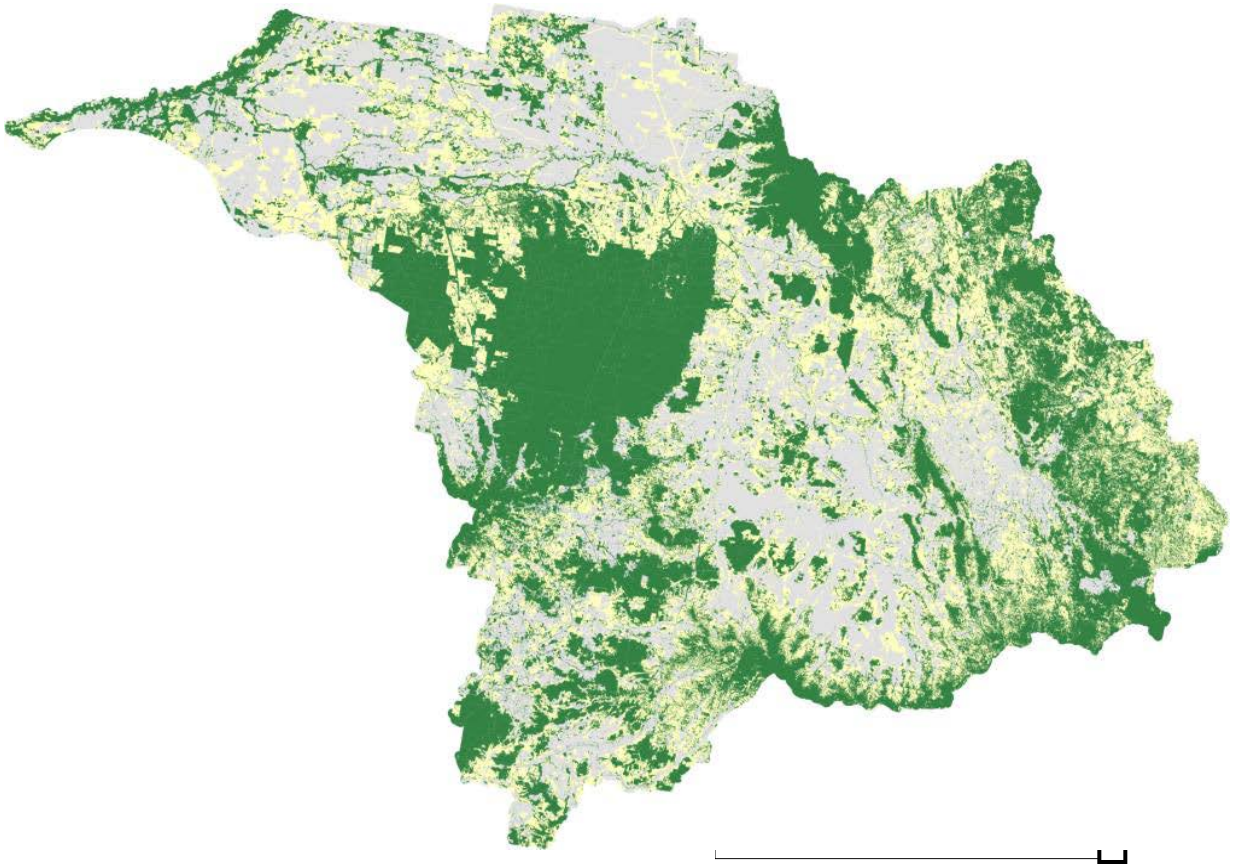




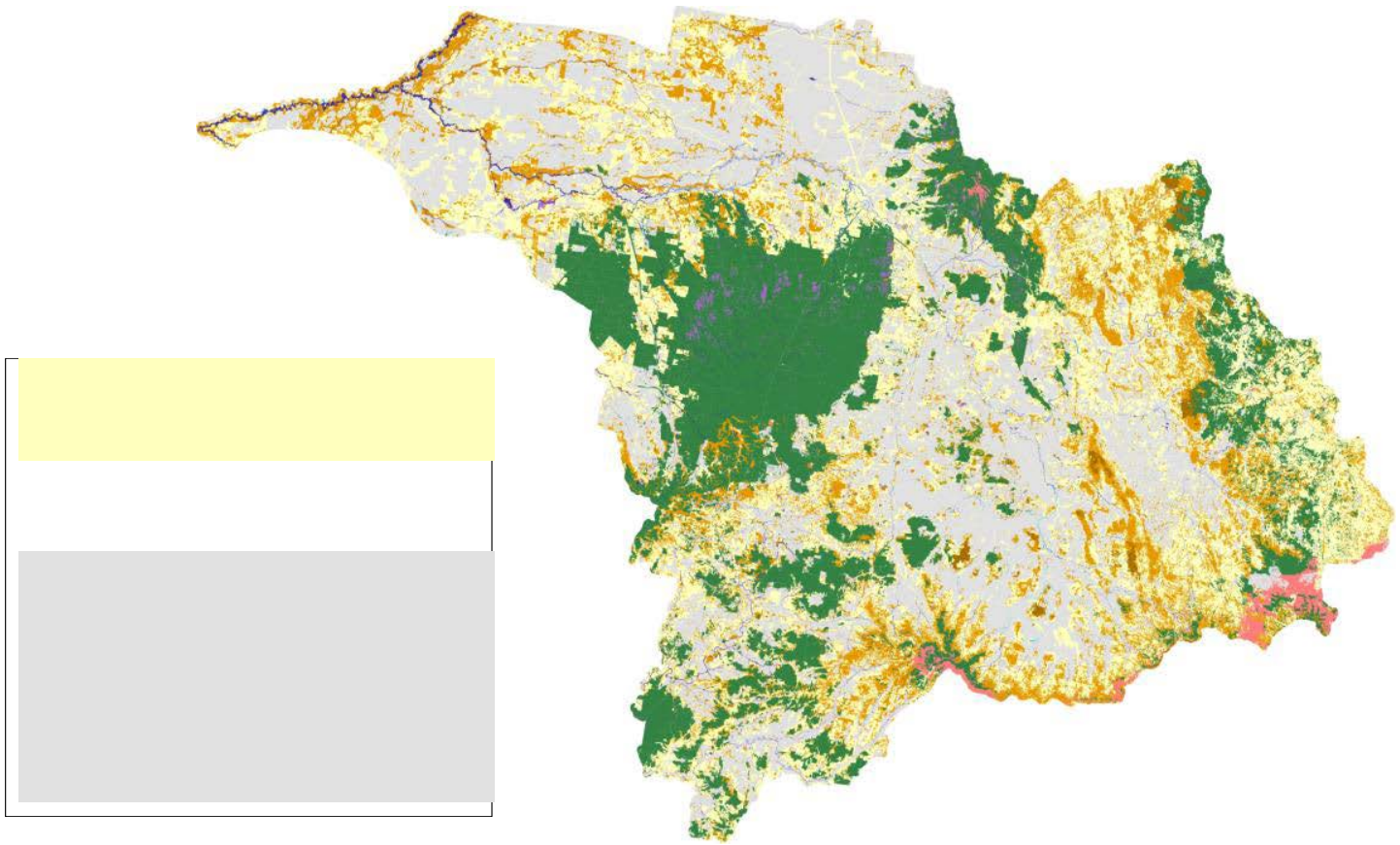
Woody Cover - Greater Namoi



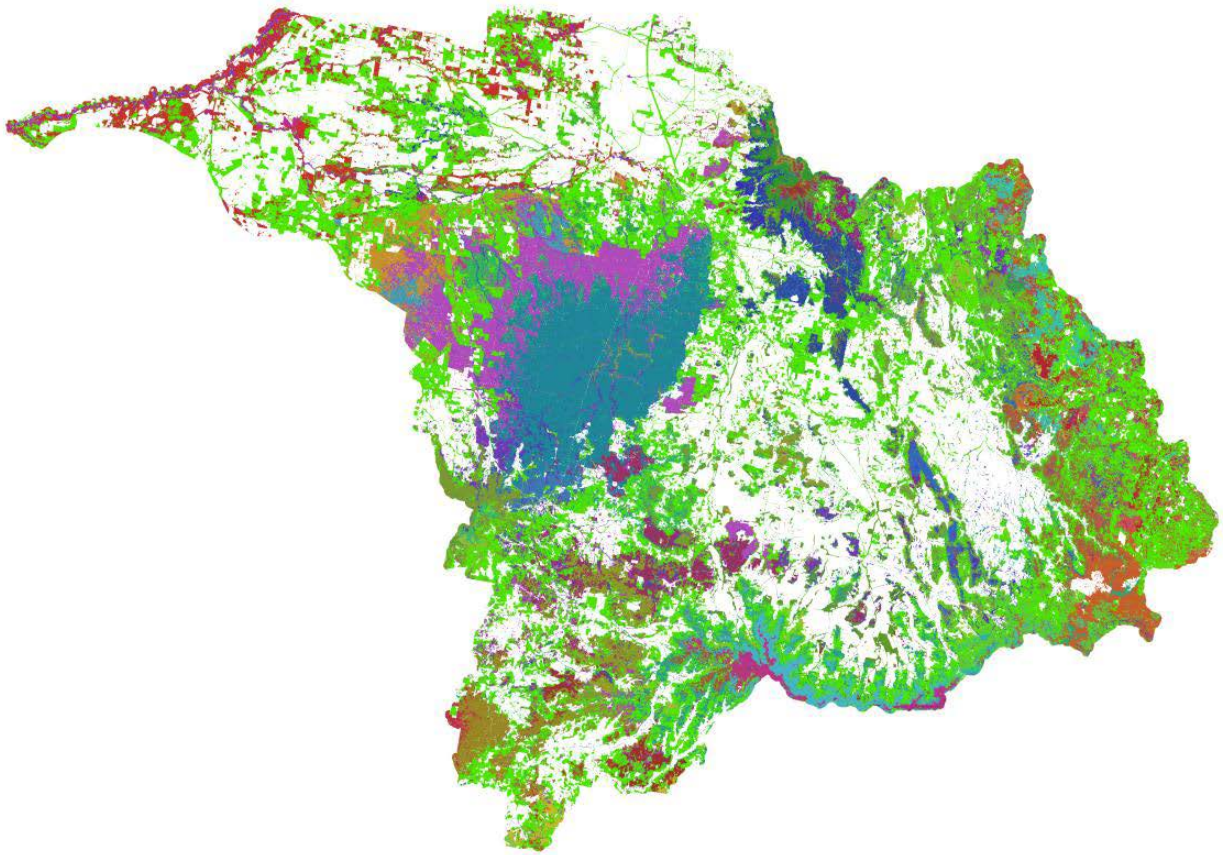
Nativeness

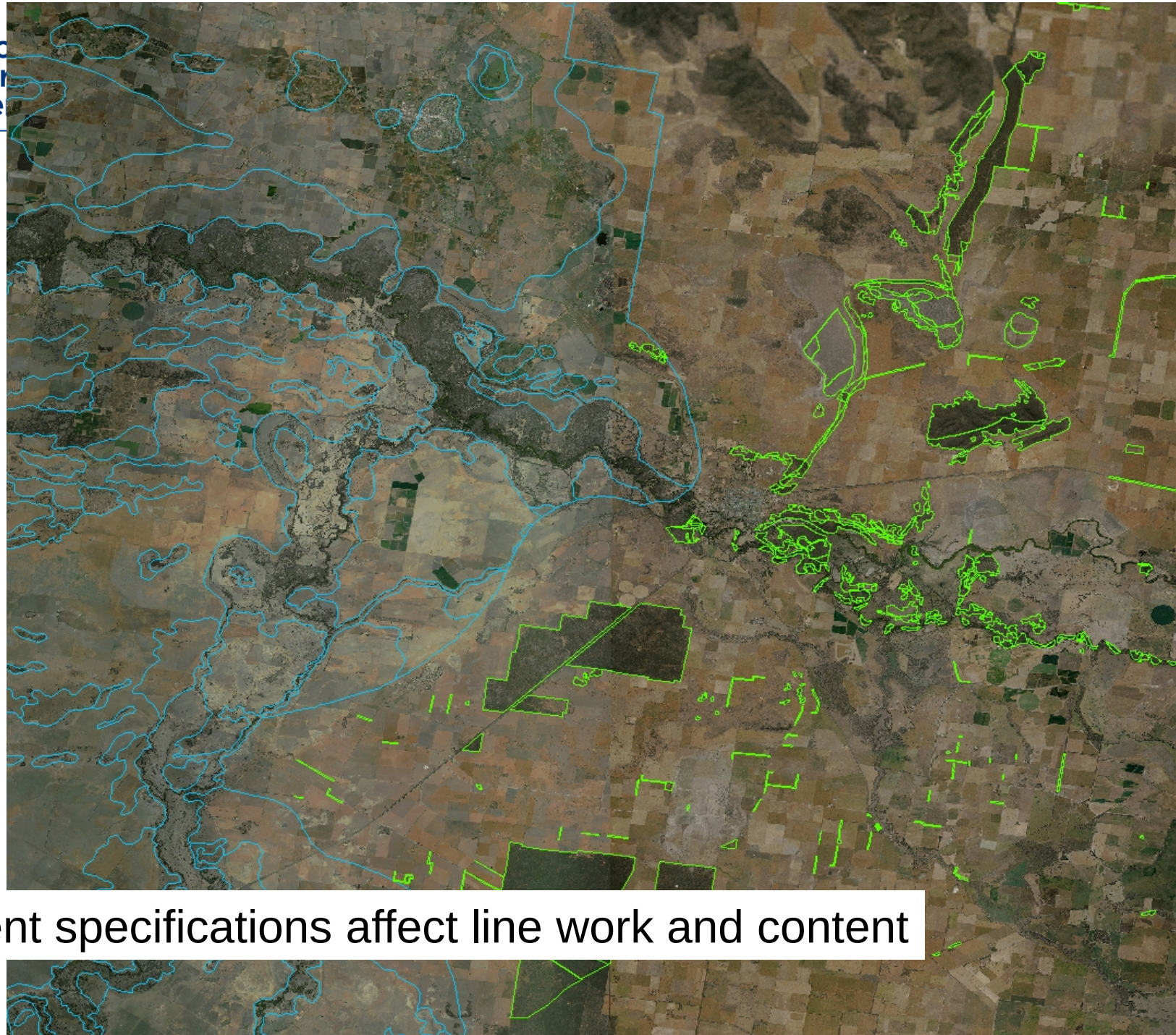


Structure



Type





Different specifications affect line work and content

Next Steps

- Finalise Std map specification
  - State-wide Strategic
  - Fine Scale
    - Regional (~1:25,000)
    - Local (~1:5,000)
    - Property (~1:1,000)
- Upgrade Plant Community Type classification
- Build maintenance and delivery environment for certified std maps
- Improve information integration & access
  - Feedback
  - Web services
  - Vegetation of NSW pages
  - Map to PCT classification
  - Map viewer linking maps > classification > conservation values & priorities

Further information

- **NSW Vegetation Information System (VIS) & Resources http://www.environment.nsw.gov.au/research/VegetationInformationSystem.htm**
- **OEH Spatial Data Discovery & Download Site: http://mapdata.environment.nsw.gov.au**
- **Support VIS@environment.nsw.gov.au**