

Appendix to accompany Keith, D. A. & Simpson, C. C. (2008) A protocol for assessment and integration of vegetation maps, with an application to spatial data sets from south-eastern Australia. *Austral Ecology* **33**, 761-774.

Table A1. Candidate maps from regional vegetation surveys from which statewide maps of extant native vegetation were compiled.

Data Set	Reference	Weighted Suitability Index (rank order)	Theme	Accuracy		Precision			Currency
			Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
Gwydir-Namoi cropping	Department of Environment and Conservation (1998-2005). Northern Rivers Monitoring project. Department of Environment and Conservation, Sydney.	1	N/A	.	.	.	.	.	1998-2005
Western Division clearing and cropping	Department of Natural Resources (1985-2005). Resource Assessment Monitoring System (RAMS). Department of Environment and Conservation, Sydney.	2	N/A	.	.	.	.	.	1986-2005
Upper Shoalhaven Grasslands	Walter, K. & Schelling, K. (2005). Remote sensing mapping of grassy ecosystems in the upper catchment of the Shoalhaven River (Southern tablelands section): Report to the NSW Department of Environment and Conservation, Queanbeyan.	3	fully mapped	intensive	spatially explicit & general reconnaissance	0.1 ha	N/A	-	2000-04
Monaro Grasslands	Walter, K. & Schelling, K. (2004). Remote sensing mapping of grassy ecosystems in the Monaro: Report to the NSW Department of Environment and Conservation, Queanbeyan.	4	fully mapped	intensive	spatially explicit & general reconnaissance	0.1 ha	N/A	-	2000-03
Wheatbelt Band A 2004 update	Keith, D., Orscheg, C. & Simpson, C. (unpubl.). Updated mapping of extant woody native vegetation on the Moree floodplain. See also Cox, S.J., Sivertsen, D.P. & Bedward, M. (2001) Clearing of native woody vegetation in the New South Wales northern wheatbelt: Extent, rate of loss and implications for biodiversity conservation.	5	not mapped	extensive	spatially explicit & general reconnaissance	10 ha	N/A	-	2004

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Data Set	Reference	Weighted Suitability Index (rank order)	Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
	<i>Cunninghamia</i> 7, 101-155.								
Northern Floodplains update	Keith, D., Orscheg, C. & Simpson, C. (unpubl.). Updated mapping of extant woody native vegetation on the northern floodplains. Department of Environment and Conservation, Sydney. See Northern Floodplains Regional Planning Committee (2004)	6	fully mapped	extensive	general reconnaissance	2-5 ha	N/A	1:100 000	2004
Deniliquin 1:250k	McNellie, M., Greenwood, G., Vanzella, B., Horner, G., Schliebs, M., Turner, B., Davy, M.C., Hudspith, T.J. and Nott, T.A. (2005) Native vegetation map report series No. 5. Moulamein, Wanganella, Conargo, Cohuna, Mathoura, Tuppal and Echuca 1:100 000 Map Sheets. Department of Natural Resources, Parramatta, NSW.	7	fully mapped	extensive	spatially explicit & general reconnaissance	2.5 ha	1:50 000	1:100 000	2003
Western Blue Mountains	DEC (2005) The Vegetation of the Western Blue Mountains. Department of Environment and Conservation, Sydney.	8	not mapped	intensive	spatially explicit & general reconnaissance	<1 ha	1:25 000	1:25 000	1991, 1998-2004
Tweed Shire	Ecograph (M. Kingston) (unpubl.). Vegetation map of Tweed Shire. Tweed Shire Council, Tweed Heads.	9	partially mapped	extensive	general reconnaissance	0.1 ha		1:25 000	2001
Hunter Valley floor	Peake, T.C. (2005). The Vegetation of the Central Hunter Valley, New South Wales. A Report on the Findings of the Hunter Remnant Vegetation Project. Hunter - Central Rivers Catchment Management Authority, Paterson.	10	not mapped	intensive	spatially explicit & general reconnaissance	0.2 ha	1:25 000	.	1993-98
Cumberland Plain &	Tozer, M. G. (2003) The native vegetation of the	11	not mapped	intensive	spatially	0.5 ha	1:16 000	1:25 000	1997-1998

Data Set	Reference	Weighted Suitability Index (rank order)	Theme	Accuracy		Precision			Currency
			Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
Georges River	Cumberland Plain western Sydney. <i>Cunninghamia</i> 8, 1-75.				explicit & general reconnaissance				
Sydney-South Coast (SCIVI)	Tozer, M. G., Turner, K., Simpson, C. C., Keith, D. A., Beukers, P., Mackenzie, B., Tindall, D. & Pennay, C. (2006). Native vegetation of South Eastern NSW: a revised classification and map for the coast and Eastern tablelands. Version 5.2. Department of Environment & Conservation and Department of Natural Resources, Sydney.	12	partially mapped	intensive	spatially explicit & general reconnaissance	0.5 ha	1:25 000	1:100 000	1991-1998
Wheatbelt Bands C & D 2002 update	Bedward, M. & Simpson, C. (unpubl.) Updated mapping of extant native woody vegetation in the southern wheatbelt. Department of Environment and Conservation, Sydney.	13	not mapped	extensive	spatially explicit & general reconnaissance	10 ha	N/A	1:250 000	2002
Lismore Shire	Lismore Shire Council (unpubl.). Lismore vegetation map. Lismore Shire Council, Lismore.	14	not mapped	extensive	general reconnaissance	0.1 ha	.	1:25 000	1999
Guyra	Benson J.S. & Ashby E.M. (2000) The natural vegetation of the Guyra 1:100 000 map sheet, New England Bioregion of New South Wales. <i>Cunninghamia</i> 6, 747-872.	15	not mapped	intensive	spatially explicit & general reconnaissance	0.5 ha	1:25 000	1:100 000	1989
Coonabarabran-Coolah	Ismay, K., Lewer, S., DeLuca, S. MacKenzie-Kay, M., Powrie, S., Burns, M., Ryan, S. and Chaffey, D. (2004) Native vegetation report. Cobbora, Coolah, Coonabarabran, Mendooran and Tambar Springs 1:100 000 map sheets. Draft report, New South	16	fully mapped	extensive	spatially explicit & general reconnaissance	2.5 ha	1:50 000	1:100 000	1998-2003

Data Set	Reference	Weighted Suitability Index (rank order)	Theme	Accuracy		Precision			Currency
			Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
	Wales Department of Natural Resources, Dubbo.								
Inverell 1:250k	DLWC (2002a) Native Vegetation map report No: 3. Bellata, Gravesend, Horton and Boggabri 1:100 00 Map Sheets. New South Wales Department of Land and Water Conservation, Parramatta, NSW.	17	fully mapped	extensive	spatially explicit & general reconnaissance	2.5 ha	1:50 000	1:100 000	1996-1997, 2001
Wheatbelt Bands B & E 2000 update	Bedward, M. & Simpson, C. (unpubl.) Updated mapping of extant native woody vegetation in the southern wheatbelt. Department of Environment and Conservation, Sydney.	18	not mapped	extensive	spatially explicit & general reconnaissance	10 ha	N/A	1:250 000	2000
Byron Shire	Byron Shire Council (unpubl.) Vegetation map of Byron shire. Byron Shire Council, Byron Bay.	19	not mapped	extensive	general reconnaissance	0.2 ha	.	1:25 000	1997
Cobar Regional Vegetation Management Plan	Dykes, P. (2002). Vegetation communities of the Cobar shire. Department of Land and Water Conservation, Dubbo.	20	partially mapped	extensive	general reconnaissance	50 ha	1:50 000	1:100 000	2001
Nandewar Western Regional Assessment	Department of Environment and Conservation (2004). Nandewar biodiversity surrogates: vegetation. NSW Western Regional Assessment Project Nand06. Department of Environment and Conservation, Coffs Harbour.	21	not mapped	extensive	spatially explicit & general reconnaissance	2-10 ha	1:25 000 - 1:50 000	1:100 000	1993-2001
Estuarine vegetation	West R.J., Thorogood C., Walford T. & Williams R.J. (1985). An estuarine inventory for New South Wales, Australia. Fisheries Bulletin 2.	22	not mapped	intensive	general reconnaissance	<1 ha	1:4 000, 1:16 000, 1:25 000	1:25 000	1970-1984
Hay 1:250k	DLWC (2002c) Native Vegetation map report: abridged version. No. 2 Oxley, One Tree, Gunbar, Dry Lake, Hay, Moggumbill 1:100 000 map sheet, New South Wales Department of Land and Water	23	fully mapped	extensive	spatially explicit & general reconn-	2.5 ha	1:50 000	1:100 000	1997

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Data Set	Reference	Weighted Suitability Index (rank order)	Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
	Conservation, Parramatta, NSW.				aissance				
Plains Wanderer Habitat Mapping	Roberts, I. & Roberts, J. (2001). Mapping of Plains Wanderer habitat. Report to NSW National Parks & Wildlife Service, Griffith.	24	fully mapped	extensive	general reconnaissance	2 ha			1998
Southern CRA	Thomas V., Gellie N. & Harrison T. (2000). Forest ecosystem classification and mapping for the southern Comprehensive Regional Assessment, NSW National Parks and Wildlife Service, Queanbeyan.	25	partially mapped	extensive	spatially explicit & general reconnaissance	2-10 ha	1:25 000	1:100 000	1997-1998
Naromine (western) - Forbes (NW) 1:250k	DLWC (2002b) Native Vegetation map report: abridged version. No. 1 Bogan Gate, Boona Mount, Condobolin, Dandaloo, Tottenhan and Tullamore 1:100 000 map sheet, DLWC, Parramatta, NSW.	26	fully mapped	extensive	spatially explicit & general reconnaissance	2.5 ha	1:50 000	.	1996-1997
Richmond River Catchment	NPWS (unpubl.). Revised northeast NSW forest ecosystem map for the Richmond catchment. NSW National Parks and Wildlife Service, Coffs Harbour.	27	not mapped	extensive	general reconnaissance	2-10 ha		1:100 000	1999
Lord Howe Island	Pickard, J. (1983). Vegetation of Lord Howe Island. <i>Cunninghamia</i> 1, 133-265.	28	fully mapped	intensive	general reconnaissance	<1ha	1:18700 & 1:21400	1:15840	1966
Lower Hunter	NPWS (2000) Vegetation Survey, Classification and Mapping: Lower Hunter and Central Coast Region. Version 1.2, National Parks and Wildlife Service of N.S.W., Sydney, NSW.	29	not mapped	extensive	spatially explicit & general reconnaissance	2-5 ha	1:16 000-1:25 000	1:100 000	1993-98
Northern Floodplains	Northern Floodplains Regional Planning Committee (2004) Vegetation communities of the Northern Floodplains, western New South Wales.	30	fully mapped	extensive	general reconnaissance	50 ha	1:50,000	-	1998

			Theme	Accuracy		Precision			Currency
Data Set	Reference	Weighted Suitability Index (rank order)	Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
	Northern Floodplains Regional Planning Committee, Walgett.								
Lachlan Central West CMA (Cootamundra area)	Coote, D., Jowett, A., Kerr, M., Knight, H. and Robertson G. (2006). Reconstructed and Extant Distribution of Native Vegetation in the Central West Catchment. Department of Environment & Conservation, Dubbo.	31	not mapped	extensive	general reconnaissance	10 ha	1:50 000	.	1997-1999
Riverina update	DLWC (unpubl.). Update of Riverina mapping compilation by Eardley, K. (1999). Department of Land and Water Conservation, Sydney.	32	fully mapped	limited	spatially explicit & general reconnaissance	50 ha			1999
Curlewis (NPWS)	NPWS (unpubl.). Vegetation map of the Curlewis 1:100 000 map sheet. NSA National Parks & Wildlife Service, Coffs Harbour.	33	not mapped	limited	general reconnaissance	2-10 ha	1:25 000	1:100 000	1998
Lachlan Central West CMA (Central tablelands section)	Coote, D., Jowett, A., Kerr, M., Knight, H. and Robertson G. (2006). Reconstructed and Extant Distribution of Native Vegetation in the Central West Catchment. Department of Environment & Conservation, Dubbo.	34	not mapped	limited	general reconnaissance	10 ha	1:25 000 - 1:50 000	.	1997-1999
Murray valley	Miles, C. (2001). NSW Murray catchment bioiversity action plan. Nature conservation working group inc., Albury.	35	not mapped	limited	general reconnaissance	2 ha	1:25 000 - 1:50 000	1:500 000	1990-2000
Northeast CRA	NPWS (1999) Forest ecosystem classification and mapping for the upper and lower north east Comprehensive Regional Assessment, NSW National Parks and Wildlife Service, Coffs Harbour.	36	not mapped	limited	spatially explicit & general reconnaissance	2-10 ha	.	1:100 000	1990-1997
Riverina (Pooncarie)	Porteners M.F., Ashby E.M. & Benson J.S. (1997)	37	fully mapped	limited	spatially	50-100 ha	1:50 000	1:250 000	1993

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Data Set	Reference	Weighted Suitability Index (rank order)	Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
	The natural vegetation of the Pooncarie 1:250 000 map. <i>Cunninghamia</i> 5, 139-232.				explicit & general reconnaissance				
Wheatbelt Band D	Metcalfe, L., Sivertsen, D.P., Tindall, D. & Ryan, K.M. (2003) Natural vegetation of the New South Wales wheat-belt (Cobar-Nyngan-Gilgandra, Nymagee-Narromine-Dubbo 1:250 000 vegetation sheets). <i>Cunninghamia</i> 8, 253-284.	38	not mapped	limited	spatially explicit & general reconnaissance	50 ha	1:85 000 & 1:50 000	1:250 000	1983, 1984 & 1987
Wheatbelt Band C	Metcalfe, L., Sivertsen, D.P., Tindall, D. & Ryan, K.M. (2003) Natural vegetation of the New South Wales wheat-belt (Cobar-Nyngan-Gilgandra, Nymagee-Narromine-Dubbo 1:250 000 vegetation sheets). <i>Cunninghamia</i> 8, 253-284.	39	not mapped	limited	spatially explicit & general reconnaissance	50 ha	1:85 000 & 1:50 000	1:250 000	1983, 1984 & 1987
Wheatbelt Band E	Sivertsen D.P. & Metcalfe L. (1995) Natural vegetation of the southern wheatbelt (Forbes and Cargelligo 1:250000 map sheets. <i>Cunninghamia</i> 4, 103-28.	40	not mapped	limited	spatially explicit & general reconnaissance	50 ha	1:85 000	1:250 000	1980 & 1989
Wheatbelt Band B	Unpublished mapping: Walgett-Narrabri. Department of Environment and Conservation, Hurstville.	41	not mapped	limited	spatially explicit & general reconnaissance	50 ha	1:50 000	1:250 000	1985
Wheatbelt Band A	Unpublished mapping: Moree-St.George-Goondiwindi. Department of Environment and Conservation, Hurstville.	42	not mapped	limited	spatially explicit & general reconnaissance	50 ha	1:50 000	1:250 000	1985

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			Representation of native non-woody vegetation	Ground survey effort	Ground survey method	Minimum polygon size	Imagery scale	Final Map Scale	Date of imagery
Lachlan Central West CMA (gap filling)	Coote, D., Jowett, A., Kerr, M., Knight, H. & Robertson G. (2006). Reconstructed and Extant Distribution of Native Vegetation in the Central West Catchment. Department of Environment & Conservation, Dubbo.	43	partially mapped	limited	general reconnaissance	10 ha	various	.	1980-2000
Riverina (Balranald)	Scott, J. A. (1992). The natural vegetation of the Balranald-Swan Hill area. <i>Cunninghamia</i> 2, 597-652.	44	fully mapped	limited	spatially explicit & general reconnaissance	50-100 ha	1:50 000	1:250 000	1970-1991
Riverina (Booligal-Hay-Deniliquin)	Porteners, M. F. (1993). The natural vegetation of the Hay Plain: Booligal-Hay and Deniliquin-Bendigo 1:250000 maps. <i>Cunninghamia</i> 3, 1-122.	45	fully mapped	limited	general reconnaissance	50-100 ha	1:50 000	1:250 000	1992
Sydney region	McRae & Cooper (1985), Benson (1986), Keith & Benson (1988), Benson & Keith (1990), Benson (1992), Benson & Howell (1994a & b), Fisher et al. (1995), Ryan et al. (1996). Natural vegetation of the Sydney region. 1:100 000 map sheets. <i>Cunninghamia</i> .	46	not mapped	limited	general reconnaissance	10 ha	1:25 000 - 1:40 000	1:100 000	1975-1990
NSW woody vegetation	Pressey, R. L., Hager, T. C., Ryan, K. M., Schwartz, J., Wall, J, Ferrier, S and Creaser, P. M. (2000). Using abiotic data for conservation assessment over extensive regions: quantitative methods applied across NSW. <i>Biological Conservation</i> 96, 55-82.	47	not mapped	nil	general reconnaissance	100 ha	.	.	1994-1997
Anabranch-Mildura	Fox, M. D. (1991). The natural vegetation of the Anabranch-Mildura 1:250 000 map sheet (New South Wales). <i>Cunninghamia</i> 2, 443-493.	48	fully mapped	limited	general reconnaissance	50-100 ha	1:50 000	1:250 000	1964-1965

