

Appendix to *Native vegetation of southeast NSW: a revised classification and map for the coast and eastern tablelands*

Appendix 4: Survey data collated for classification

Key:

CA¹: A modified Braun-Blanquet cover abundance estimate (1-7 scale) was assigned to each species

CA²: A modified Braun-Blanquet cover abundance estimate (1-6 scale) was assigned to each species

CA³: Cover abundance scores were modified by Thomas *et al.* (2000) to mimic a modified Braun-Blanquet cover abundance estimate (1-6 scale)

CA⁴: Percentage classes and abundance scores were converted to a modified Braun-Blanquet cover abundance estimate (1-7 scale)

Presence-Absence: No cover abundance estimate was assigned, species were only recorded as being present at a site

No. sites: Represents the number of sites from each survey occurring within the study area including a 10km buffer

No. sites classified: Represents the number of sites from each survey allocated to a map unit by this classification.

Data Source	No. sites	No. sites classified	Quadrat size (ha)	Type of Data	Reference
Baulkham Hills Shire Council Baulkham Hills LGA Survey	118	108	0.04	Full Floristics CA ¹	James, Lembit, Burcher and Ecograph Consulting (in prep.2002)
Blue Mountains City Council Survey of non NPWS areas within LGA	178	139	0.04	Full Floristics CA ²	ESP (2001)
Blue Mountains City Council Valley Heights-Glenbrook Survey	37	37	0.04	Full Floristics CA ²	Clements, Rodd, Rodd and Moore (2000)
Charles Sturt University Eurobodalla NP Survey	50	47	0.04	Full Floristics CA ²	Lockwood, Wise, Lane, Williams, Godd and Costello (1997)
CSIRO Clyde	125	123	0.1	Full Floristics CA ²	Helman (1983)
CSIRO Clyde Mtn and Environs Satellite Image Analysis Research Survey	41	40	Unknown	Full Floristics CA ²	CSIRO (1999a)
CSIRO Mount Dromedary	106	106	0.1	Full Floristics CA ²	Helman (1983)
CSIRO Kosciuszko Survey	6	6	unknown	Full Floristics CA ²	CSIRO (1999b)
David Keith OHares Creek Survey	56	56	0.04	Full Floristics CA ²	Keith (1994)
David Thomas Miscellaneous Western Sydney Survey Sites	14	13	0.04	Full Floristics CA ¹	Thomas (undated)
DIPNR Southern Tablelands property agreement monitoring	30	3	0.04	Full Floristics CA ⁴	Turner and Crooks (undated)
Environment Australia Beecroft Peninsula Survey	167	125	0.04	Presence Absence	Skelton and Adam (1994)
Environment Australia Booderee Survey	101	65	0.04	Full Floristics CA ²	Taws (1997)
Environment Australia Travelling Stock Reserve Surveys	102	56	0.04	Full Floristics CA ²	Hibberd and Taws (1993)
Hornsby Shire Council LGA Survey	34	34	0.04	Full Floristics CA ¹	Lembit (2001)
Monaro Grassland Surveys	26	26	0.1	Full Floristics CA ²	Benson (1994)
Monaro Wetland Surveys	55	55	various	Full Floristics CA ²	Benson & Jacobs (1994)
Mt Piper Survey	8	2		?	Bell (1996)
National Parks Association Abercrombie Survey	32	31	0.04	Partial Floristics CA ²	Togher (1996)
NPA Benandera State Forest Surveys	30	30	unknown	Full Floristics CA ²	NPA (1998)
NPWS Budgong area (Morton NP) survey	8	6	20x20 in 20x50	Full Floristics CA ¹	Black (2000b)

Data Source	No. sites	No. sites classified	Quadrat size (ha)	Type of Data	Reference
NPWS Barren Grounds NR Survey	21	19	20x20m in 20x50m	Full Floristics CA ²	Proust Bushland Surveys (2002)
NPWS Bermagui	90	90	0.04	Full Floristics CA ²	Williams (1997)
NPWS Bimberamala NP Survey	24	23	0.04	Full Floristics CA ²	Douglas and Bell (2002)
NPWS Budderoo NP Survey	27	26	20x20 in 20x50	Full Floristics CA ²	Black (2000a)
NPWS Bungonia, Bees Nest	48	37	0.04	Full Floristics CA ²	NGH Environmental (2005)
NPWS Campbelltown Shale-Sandstone Transition Forest Survey	90	88	0.04	Full Floristics CA ¹	Tozer (2003)
NPWS Clyde River NP Survey	12	10	0.04	Full Floristics CA ²	Bell and Douglas (2002)
NPWS Deua Survey	127	84	0.1	Full Floristics CA ³	Gilmour (1985)
NPWS Duffys Forest Survey	32	32	0.04	Full Floristics CA ¹	Smith and Smith (2000)
NPWS Data compiled for Eden CRA classification	2762	1571	0.04/0.1	Full Floristics CA ²	Keith and Bedward (1999)
NPWS Eurobodalla Shire	30	30	0.04	Full Floristics CA ²	NSW NPWS (2000c)
NPWS Far South Coast Region Ecologically Sustainable Forest Management data collection	475	70	0.04	Full Floristics CA ²	Beukers (undated – a) various unpublished consultancy reports to NPWS Merimbula.
NPWS Georges River Survey	49	48	0.04	Full Floristics CA ¹	NSW NPWS (2000b)
NPWS Lower Hunter & Central Coast Biodiversity Survey	23	17	0.04	Full Floristics CA ²	NSW NPWS (2000a)
NPWS Miscellaneous sites, Blue Mountains NP	15	14		?	Gellie (undated)
NPWS Nattai NP, Bargo SCA & Bargo River VCL Survey	69	66	0.04	Full Floristics CA ¹	NSW DEC (2004c)
NPWS Miscellaneous sites, Nowra District	29	29	0.04	Full Floristics CA ²	
NPWS Post fire survey Royal NP, Heathcote NP, Garrawarra SRA	45	41	0.04	Full Floristics CA ¹	Andrew (2001)
NPWS Rock Wallaby Habitat Mapping- Kangaroo Valley	47	16	0.04	Full Floristics CA ²	Leonard (1999)
NPWS Royal NP Survey	276	264	0.04	Full Floristics CA ¹	Keith and Tozer (1998)
NPWS South Coast Random Survey Sites For Interim Assessments	31	31	0.04	Full Floristics CA ²	NSW NPWS (2000d)
NPWS Southern CRA Survey	1021	950	0.04	Full Floristics CA ²	Gellie (2005)
NPWS Umina Survey	5	5	0.04	Full Floristics CA ²	NSW NPWS (2001)
NPWS Far South Coast Region Eden CRA Map Validation	153	144	0.04	Full Floristics CA ²	Beukers (undated-c) various unpublished consultancy reports to NPWS Merimbula.
NPWS Vegetation Survey Marramorra NR, Maroota HS, Muogamarra NP	132	123	0.04	Full Floristics CA ²	Lembit (2002)
NPWS Voluntary Conservation Area Surveys	437	411	0.04/0.1	Full Floristics CA ²	Beukers (undated-b) various unpublished consultancy reports to NPWS Merimbula.
NPWS Western Sydney - Cumberland Plain Mapping Evaluation sites	104	102	0.04	Full Floristics CA ¹	Tozer (2003)
NPWS Western Sydney - Cumberland Plain Survey	384	374	0.04	Full Floristics CA ¹	Tozer (2003)
NPWS Wollongong LGA Survey	190	186	0.04	Full Floristics CA ¹	NSW NPWS (2002)

Data Source	No. sites	No. sites classified	Quadrat size (ha)	Type of Data	Reference
P5MA - NPWS/DIPNR Priority 5 Mapping Area - Katoomba, Penrith, Sydney, Taralga, Burratorang, Wollongong, Port Hacking, Goulburn, Moss Vale, Kiama, Braidwood, Ulladulla, Jervis Bay, Araluen, Batemans Bay 1:100 000 Mapsheets	1244	1205	0.04	Full Floristics CA ¹	Tindall <i>et al.</i> (2002)
Robert Payne Miscellaneous Bouddi Peninsula Survey Sites	35	22	0.04	Full Floristics CA ²	Payne (1996)
Robert Payne Miscellaneous Umina Survey Sites	3	2		Full Floristics CA ²	Payne (undated)
Royal Botanic Gardens Burratorang 1:100 000 Map Survey	41	26	0.04	Full Floristics CA ²	Fisher, Ryan & Lembit (1995)
Royal Botanic Gardens Katoomba 1:100 000 Map Survey	45	45	0.04	Full Floristics CA ²	Keith and Benson (1988)
Royal Botanic Gardens Miscellaneous Survey sites – Kuring-gai, Duffys Forest	20	16	0.04	Full Floristics CA ²	RBG (misc. data sheets 1974-1987)
Royal Botanic Gardens Taralga Mapsheet Survey	14	12	0.04	Full Floristics CA ²	Fisher and Ryan (1994a)
Royal Botanic Gardens Wollongong 1:100 000 Survey	66	50	0.04	Full Floristics CA ²	Benson and Howell (1994a)
Saltmarsh Surveys	131	88	0.003	Full Floristics CA ²	Clarke, P.J. unpublished data
State Forests Queanbeyan/Badja Survey	112	96	0.1	Full Floristics CA ²	Jurskis, Shields and Binns (1995)
Sydney Catchment Authority Kedumba Valley Survey	26	26	0.04	Presence Absence	Smith and Smith (1996)
Sydney Catchment Authority Warragamba Catchment Survey	58	54	0.04	Full Floristics CA ¹	Thomas (2001)
Sydney Catchment Authority Warragamba Catchment Survey	630	606	0.04	Full Floristics CA ¹	NSW NPWS (2003a)
Sydney Catchment Authority Woronora Catchment Survey	346	303	0.04	Full Floristics CA ²	NSW NPWS (2003b)
Sydney Harbour	8	5	0.04	Full Floristics CA ¹	Skelton <i>et al.</i> (2003); Skelton (2004)
University of Wollongong Holsworthy Bombing Range Survey	69	67	0.04	Full Floristics CA ¹	French, Pellow and Henderson (2000)