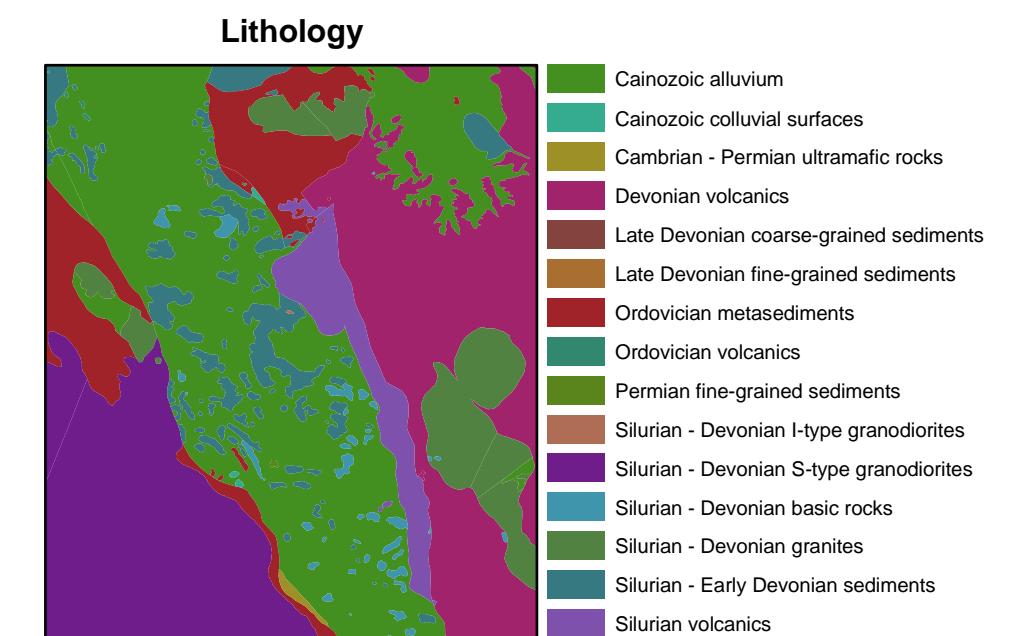
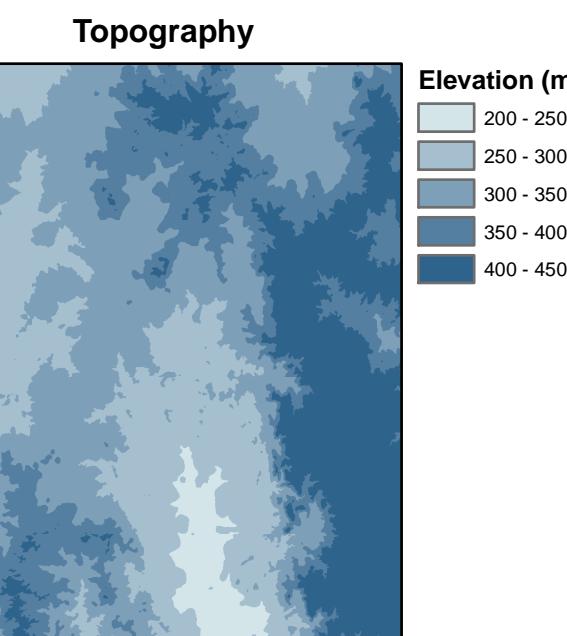
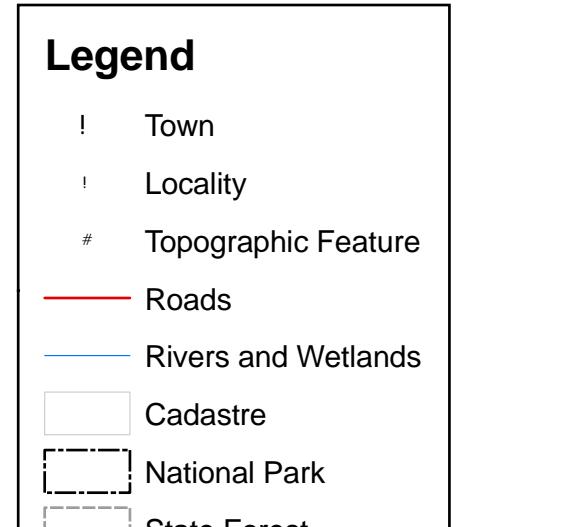
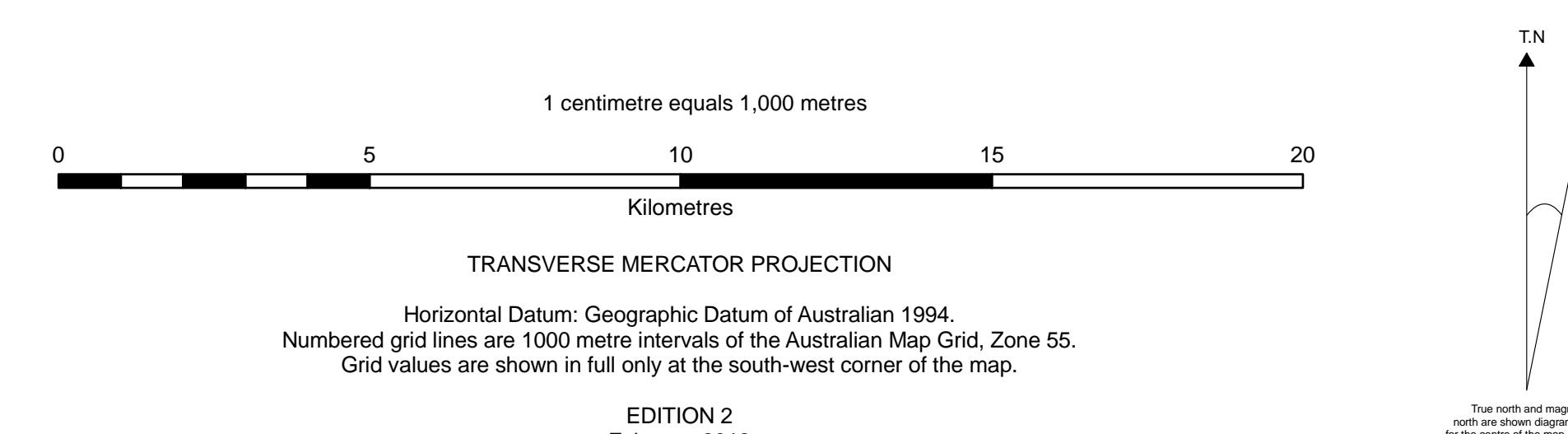
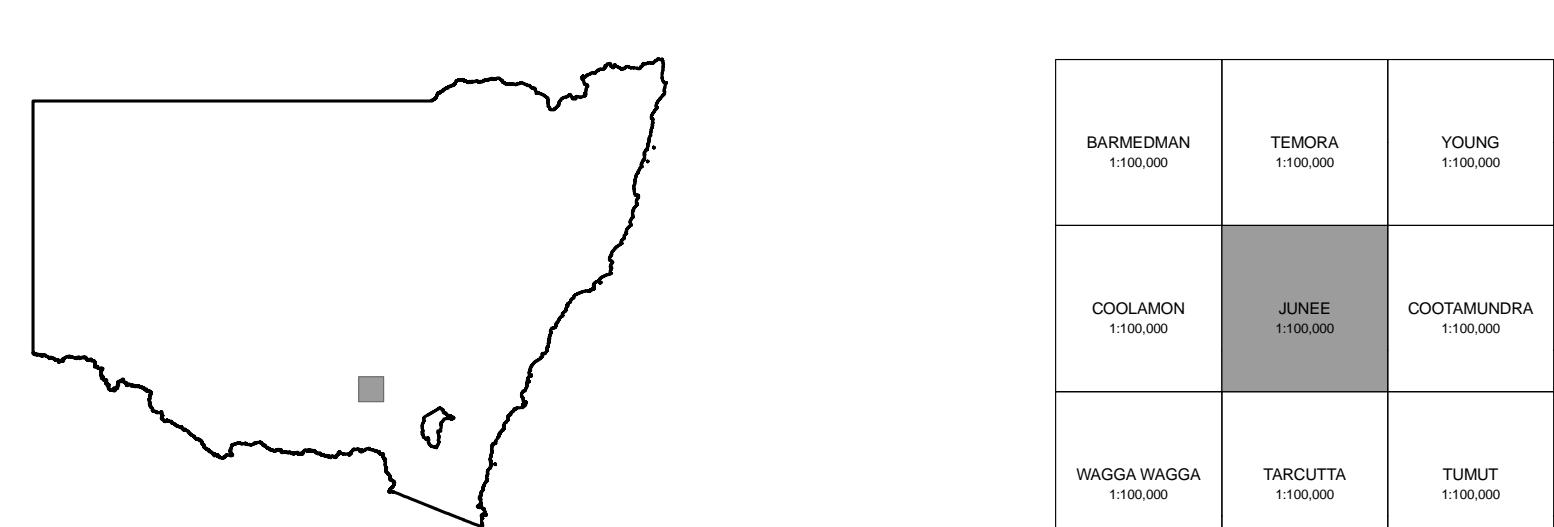
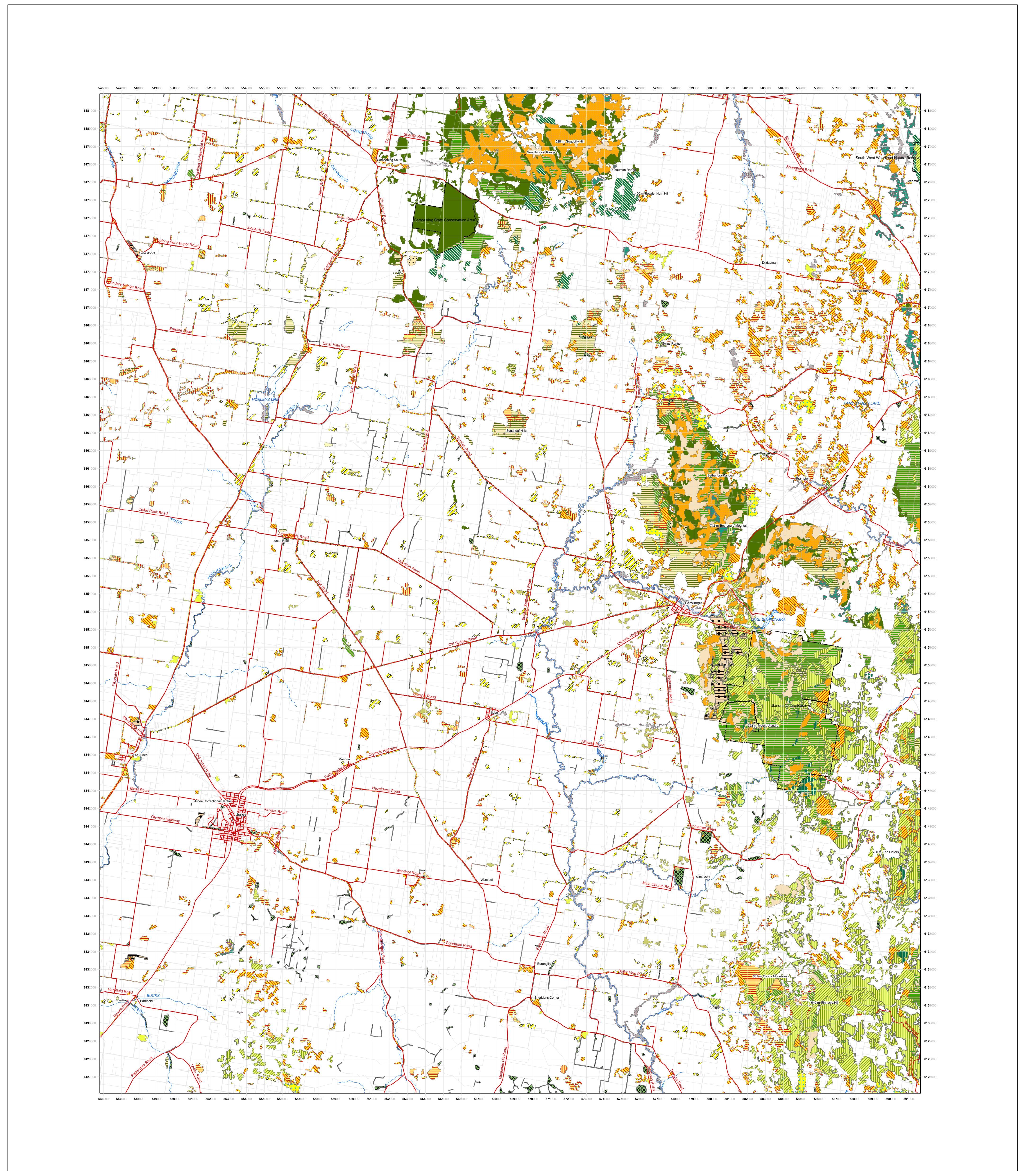


# Junee

1:100,000 (8428)

1:100,000 (8428)

# Native Vegetation Map ADS-40 Edition 2



NSW VCA ID	NSW VCA Name	Total Area this map (ha)	Landform pattern / main soil types	Characteristic species in each stratum. Note that floristics are relevant to NSW VCA community over its entire distribution, and may not accurately reflect community make-up within this mapsheet
<b>Woodlands</b>				
<b>Floodplain Transition Woodlands</b>				
70	White Cypress Pine woodland on sandy loams in central NSW wheatbelt	37	Peneplain, Plain / Red earth, Red-brown earth	<i>Callitris glauophylla</i> / <i>Acacia deanei</i> subsp. <i>deanei</i> - <i>Dodonaea viscosa</i> sens lat. - <i>Maireana enchytraeoides</i> - <i>Geijera parviflora</i> / <i>Einhadia nutans</i> subsp. <i>nutans</i> - <i>Austrostipa scabra</i> subsp. <i>scabra</i> - <i>Austrodanthonia eriantha</i> - <i>Sida corrugata</i>
76	Inland Grey Box tall grassy woodland on alluvial loam and clay soils in the NSW South Western Slopes and Riverina Bioregions	3,302	Alluvial plain, Flood plain / Grey clay, Red clay, Red-brown earth	<i>Eucalyptus microcarpa</i> / <i>Dodonaea viscosa</i> subsp. <i>cuneata</i> - <i>Acacia buxifolia</i> subsp. <i>buxifolia</i> / <i>Austrodanthonia caespitosa</i> - <i>Austrostipa scabra</i> subsp. <i>falcata</i> - <i>Chloris truncata</i> - <i>Sida corrugata</i>
80	Inland Grey Box - White Cypress Pine tall woodland on loam soil on alluvial plains of NSW Southwestern Slopes and Riverina Bioregions	529	Alluvial plain, Stagnant alluvial plain / Grey-brown podzolic soil, Red-brown earth	<i>Eucalyptus microcarpa</i> - <i>Callitris glauophylla</i> - <i>Allocasuarina luehmannii</i> / <i>Maireana microphylla</i> - <i>Acacia deanei</i> subsp. <i>deanei</i> / <i>Austrostipa scabra</i> subsp. <i>scabra</i> - <i>Austrodanthonia setacea</i> - <i>Calotis cuneifolia</i>
237	Riverine Inland Grey Box grassy woodland of the semi-arid (warm) climate zone	25	Flood plain / Grey clay, Grey earth	<i>Eucalyptus microcarpa</i> - <i>Eucalyptus camaldulensis</i> subsp. <i>camaldulensis</i> / <i>Acacia acinacea</i> - <i>Maireana enchytraeoides</i> / <i>Paspalidium jubiflorum</i> - <i>Austrodanthonia caespitosa</i> - <i>Juncus flavidus</i> - <i>Atriplex semibaccata</i>
<b>Western Slopes Grassy Woodlands</b>				
266	White Box grassy woodland in the upper slopes sub-region of the NSW South-western Slopes Bioregion	2,611	Hills, Low hills / Black earth, Chocolate soil, Red podzolic soil, Red-brown earth	<i>Eucalyptus albens</i> / <i>Acacia decora</i> - <i>Acacia implexa</i> - <i>Acacia deanei</i> subsp. <i>paucijuga</i> / <i>Themeda australis</i> - <i>Poa sieberiana</i> - <i>Wurmbea dioica</i> - <i>Cymbonotus lawsonianus</i>
267	White Box - White Cypress Pine - Inland Grey Box shrub/grass/forb woodland in the NSW South-western Slopes Bioregion	1,487	Low hills, Rises / Brown earth, Red clay, Red earth	<i>Eucalyptus albens</i> - <i>Eucalyptus microcarpa</i> - <i>Callitris glauophylla</i> / <i>Acacia decora</i> - <i>Acacia hakeoides</i> - <i>Dodonaea viscosa</i> subsp. <i>cuneata</i> - <i>Maireana microphylla</i> / <i>Austrostipa densiflora</i> - <i>Austrodanthonia caespitosa</i> - <i>Chrysocephalum apiculatum</i> - <i>Lomandra filiformis</i> subsp. <i>coriacea</i>
268	White Box - Blakelys Red Gum - Long-leaved Box - Nortons Box - Red Stringybark grass-shrub woodland on shallow soils on hills in the NSW South-western Slopes Bioregion	1,446	Hills, Low hills / Black earth, Brown clay	<i>Eucalyptus albens</i> - <i>Eucalyptus blakelyi</i> - <i>Eucalyptus goniocalyx</i> - <i>Eucalyptus macrorhyncha</i> / <i>Dillwynia genistifolia</i> - <i>Lissanthe strigosa</i> subsp. <i>strigosa</i> - <i>Dillwynia sericea</i> - <i>Acacia implexa</i> / <i>Dianella revoluta</i> var. <i>revoluta</i> - <i>Lomandra filiformis</i> subsp. <i>coriacea</i> - <i>Austrodanthonia eriantha</i> - <i>Microlaena stipoides</i> var. <i>stipoides</i>
276	Yellow Box grassy tall woodland on alluvium or parna loams and clays on flats in NSW South-western Slopes Bioregion	338	Alluvial plain, Low hills / Alluvial soil, Brown clay, Brown earth, Calcareous red earth.	<i>Eucalyptus melliodora</i> / <i>Acacia decora</i> - <i>Maireana microphylla</i> / <i>Bothriochloa macra</i> - <i>Austrostipa bigeniculata</i> - <i>Austrodanthonia setacea</i> - <i>Vittadinea cuneata</i>
277	Blakely's Red Gum - Yellow Box grassy tall woodland of the NSW South-western Slopes Bioregion	6,261	Hills / Brown clay, Brown earth, Grey-brown podzolic soil, Solodized solonetz	<i>Eucalyptus blakelyi</i> - <i>Eucalyptus melliodora</i> - <i>Eucalyptus bridgesiana</i> / <i>Acacia dealbata</i> / <i>Themeda australis</i> - <i>Poa sieberiana</i> - <i>Bothriochloa macra</i> - <i>Aristida ramosa</i> sens. lat.
278	Riparian Blakely's Red Gum - box - shrub - sedge - grass tall open forest of the central NSW South-western Slopes Bioregion	26	Hills, Plateau, Terrace (alluvial) / Grey earth, Grey-brown podzolic soil	<i>Eucalyptus blakelyi</i> - <i>Eucalyptus bridgesiana</i> / <i>Acacia dealbata</i> - <i>Acacia deanei</i> subsp. <i>paucijuga</i> - <i>Styphelia triflora</i> / <i>Carex appressa</i> - <i>Hydrocotyle laxiflora</i> - <i>Rumex brownii</i> - <i>Poa labillardierei</i> var. <i>labillardierei</i>
280	Blakely's Red Gum - Long-leaved Box - Red Stringybark shrub/grass hill woodland of the NSW South-western Slopes Bioregion	4,394	Hills / Brown clay, Grey-brown podzolic soil	<i>Eucalyptus blakelyi</i> - <i>Eucalyptus goniocalyx</i> / <i>Lissanthe strigosa</i> subsp. <i>strigosa</i> - <i>Cassinia aculeata</i> - <i>Bursaria spinosa</i> / <i>Austrodanthonia setacea</i> - <i>Austrostipa densiflora</i> - <i>Themeda australis</i> - <i>Chrysocephalum semipapposum</i>
282	Blakely's Red Gum - White Box - Yellow Box - Black Cypress Pine box grass/shrub woodland on clay loam soils on undulating hills of central NSW South-western Slopes Bioregion	4,630	Hills, Low hills / Brown podzolic soil, Yellow podzolic soil	<i>Eucalyptus blakelyi</i> - <i>Eucalyptus albens</i> - <i>Eucalyptus melliodora</i> - <i>Callitris endlicheri</i> / <i>Lissanthe strigosa</i> subsp. <i>strigosa</i> - <i>Acacia implexa</i> - <i>Acacia decora</i> / <i>Themeda australis</i> - <i>Aristida ramosa</i> - <i>Austrodanthonia racemosa</i> - <i>Chrysocephalum apiculatum</i>
283	Apple Box - Blakely's Red Gum moist valley and footslopes grass-forb open forest of the NSW Southwestern Slopes Bioregions	21	Hills / Brown earth, Brown podzolic soil	<i>Eucalyptus bridgesiana</i> - <i>Eucalyptus blakelyi</i> / <i>Acacia dealbata</i> / <i>Microlaena stipoides</i> var. <i>stipoides</i> - <i>Gonocarpus tetragynus</i> - <i>Dichondra repens</i> - <i>Poa sieberiana</i>
284	Red Stringybark - Blakely's Red Gum - tea tree herbaceous swampy valley open forest of the Murraguldrie region in the southern NSW South-western Slopes Bioregion	6	Hills / Brown podzolic soil, Yellow podzolic soil	<i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus blakelyi</i> / <i>Leptospermum continentale</i> - <i>Acacia dealbata</i> / <i>Microlaena stipoides</i> var. <i>stipoides</i> - <i>Hydrocotyle laxiflora</i> - <i>Acaena novae-zelandiae</i> - <i>Juncus remotiflorus</i>
341	Blakely's Red Gum - Red Box - Black Cypress Pine grass/shrub woodland on hills in the upper slopes sub-region of the NSW South-western Slopes & western South-eastern Highlands Bioregions	51	Hills, Plateau / Brown podzolic soil	<i>Eucalyptus blakelyi</i> - <i>Eucalyptus polyanthemos</i> subsp. <i>polyanthemos</i> - <i>Callitris endlicheri</i> / <i>Cassinia arcuata</i> - <i>Dillwynia sericea</i> - <i>Acacia dealbata</i> - <i>Hibbertia obtusifolia</i> / <i>Austrodanthonia racemosa</i> var. <i>racemosa</i> - <i>Austrostipa scabra</i> subsp. <i>falcata</i> - <i>Austrodanthonia racemosa</i> var. <i>racemosa</i> - <i>Dianella revoluta</i> var. <i>revoluta</i> - <i>Aristida ramosa</i>
347	White Box - Blakely's Red Gum shrub/grass woodland on metamorphic hillslopes in the mid-southern part of the upper slopes	479	Hills / Brown podzolic soil	<i>Eucalyptus albens</i> - <i>Eucalyptus blakelyi</i> - <i>Eucalyptus macrorhyncha</i> / <i>Brachyloma daphnoides</i> subsp. <i>daphnoides</i> - <i>Acacia paradoxa</i> - <i>Dillwynia sericea</i> - <i>Xanthorrhoea glauca</i> subsp. <i>angustifolia</i> - <i>Austrodanthonia eriantha</i> - <i>Poa sieberiana</i> var. <i>sieberiana</i> - <i>Stypandra glauca</i> - <i>Cheilanthes austrotenuifolia</i>
<b>Phyll Forests</b>				
<b>Upper Riverina Dry Sclerophyll Forests</b>				
342	Mugga Ironbark - mixed box woodland on hills in the Cowra - Boorowa - Young region of the NSW Southwestern Slopes Bioregion	713	Hills / Brown podzolic soil, Red podzolic soil, Yellow podzolic soil	<i>Eucalyptus sideroxylon</i> - <i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus blakelyi</i> - <i>Callitris endlicheri</i> / <i>Acacia implexa</i> - <i>Acacia verniciflua</i> - <i>Cassinia arcuata</i> - <i>Lissanthe strigosa</i> subsp. <i>strigosa</i> / <i>Austrostipa scabra</i> subsp. <i>falcata</i> - <i>Austrodanthonia racemosa</i> var. <i>racemosa</i> - <i>Dianella revoluta</i> var. <i>revoluta</i> - <i>Aristida ramosa</i>
<b>Western Slopes Dry Sclerophyll Forests</b>				
217	Mugga Ironbark - Inland Grey Box - Cypress Pine tall woodland on footslopes of low hills in the NSW South-western Slopes Bioregion	3,870	Low hills, Rises / Red clay, Red podzolic soil.	<i>Eucalyptus sideroxylon</i> - <i>Eucalyptus microcarpa</i> - <i>Callitris endlicheri</i> / <i>Acacia deanei</i> subsp. <i>deanei</i> - <i>Acacia hakeoides</i> - <i>Dodonaea viscosa</i> subsp. <i>spatulata</i> - <i>Lissanthe strigosa</i> subsp. <i>strigosa</i> / <i>Austrodanthonia setacea</i> - <i>Austrostipa densiflora</i> - <i>Stypandra glauca</i> - <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>
287	Long-leaved Box - Red Box - Red Stringybark mixed open forest on hills and hillslopes in the NSW South-western Slopes Bioregion	164	Hills, Low hills / Brown clay, Yellow podzolic soil	<i>Eucalyptus goniocalyx</i> - <i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus polyanthemos</i> subsp. <i>polyanthemos</i> / <i>Brachyloma daphnoides</i> subsp. <i>daphnoides</i> - <i>Cassinia arcuata</i> - <i>Dillwynia sericea</i> / <i>Austrodanthonia racemosa</i> var. <i>racemosa</i> - <i>Poa sieberiana</i> - <i>Hypericum gramineum</i> - <i>Gonocarpus tetragynus</i>
309	Black Cypress Pine - Red Stringybark - Red Gum - Box low open forest on siliceous rocky outcrops in the NSW South-western Slopes Bioregion	3,856	Hills / Lithosol	<i>Callitris endlicheri</i> - <i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus dwyeri</i> - <i>Eucalyptus goniocalyx</i> / <i>Calytrix tetragona</i> - <i>Acacia paradoxa</i> - <i>Brachyloma daphnoides</i> subsp. <i>daphnoides</i> - <i>Stypandra glauca</i> - <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i> - <i>Lepidosperma laterale</i> - <i>Joycea pallida</i>
321	Red Stringybark - Long-leaved Box - Black Cypress Pine shrub/grass woodland on siliceous sedimentary ranges upper NSW South-western Slopes & South-eastern Highlands Bioregions	44	Hills / Grey-brown podzolic soil, Yellow podzolic soil	<i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus goniocalyx</i> - <i>Callitris endlicheri</i> / <i>Brachyloma daphnoides</i> subsp. <i>daphnoides</i> - <i>Styphelia triflora</i> - <i>Lissanthe strigosa</i> subsp. <i>strigosa</i> - <i>Acacia verniciflua</i> / <i>Poa sieberiana</i> var. <i>sieberiana</i> - <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i> - <i>Lomandra filiformis</i> subsp. <i>coriacea</i> - <i>Goodenia hederacea</i> subsp. <i>hederacea</i>
343	Mugga Ironbark - Red Box - Red Stringybark - Inland Grey Box grass/shrub woodland on metamorphic substrates in the Tarcutta - Gundagai region	20	Low hills / Red podzolic soil	<i>Eucalyptus sideroxylon</i> - <i>Eucalyptus polyanthemos</i> subsp. <i>vestita</i> - <i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus microcarpa</i> / <i>Daviesia leptophylla</i> - <i>Acacia pycnantha</i> - <i>Cassinia laevis</i> - <i>Dillwynia sericea</i> / <i>Austrodanthonia eriantha</i> - <i>Poa sieberiana</i> - <i>Dianella longifolia</i> var. <i>longifolia</i> - <i>Stypandra glauca</i>
346	White Box - Blakely's Red Gum - White Cypress Pine shrubby woodland on metamorphic hills in the Wagga Wagga region of the NSW South-western Slopes Bioregion	444	Hills / Red clay, Red podzolic soil	<i>Eucalyptus albens</i> - <i>Eucalyptus blakelyi</i> - <i>Callitris glauophylla</i> - <i>Eucalyptus microcarpa</i> / <i>Dillwynia sericea</i> - <i>Acacia pycnantha</i> - <i>Acacia decora</i> - <i>Acacia verniciflua</i> / <i>Gonocarpus elatus</i> - <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i> - <i>Austrostipa densiflora</i> - <i>Xerochrysum viscosum</i>
348	Red Stringybark - Long-leaved Box - <i>Joycea pallida</i> grassy open forest in the upper Lachlan catchment, NSW South-western Slopes and South-eastern Highlands Bioregions	506	Hills, Plateau / Brown podzolic soil, Red podzolic soil, Yellow podzolic soil	<i>Eucalyptus macrorhyncha</i> - <i>Eucalyptus goniocalyx</i> / <i>Brachyloma daphnoides</i> subsp. <i>daphnoides</i> - <i>Cassinia arcuata</i> - <i>Dillwynia sericea</i> - <i>Joycea pallida</i> - <i>Austrodanthonia racemosa</i> var. <i>racemosa</i> - <i>Stellaria pungens</i> - <i>Lomandra filiformis</i> subsp. <i>coriacea</i>
<b>Wetlands</b>				
<b>Inland Floodplain Swamp</b>				
181	Common Reed - Bushy Groundsel aquatic tall grassland of inland river systems	1	Anastomotic plain, Flood plain / Grey clay, Humic gley	<i>Phragmites australis</i> / <i>Senecio cunninghamii</i> var. <i>cunninghamii</i> / <i>Marsilea drummondii</i> - <i>Centipeda cunninghamii</i> - <i>Persicaria decipiens</i>
<b>Netlands</b>				
<b>Inland Riverine Forest</b>				
79	River Red Gum shrub/grass riparian tall woodland or open forest mainly in the upper slopes sub-region of the NSW South-western Slopes & western South-eastern Highlands Bioregions	1,480	Flood plain, Hills, Low hills / Alluvial soil	<i>Eucalyptus camaldulensis</i> - <i>Eucalyptus blakelyi</i> / <i>Callistemon sieberi</i> - <i>Acacia implexa</i> - <i>Acacia dealbata</i> - <i>Bursaria spinosa</i> / <i>Carex appressa</i> - <i>Microleana stipoides</i> var. <i>stipoides</i> - <i>Rumex brownii</i> - <i>Dichondra repens</i>
<b>Eastern Riverine Forest</b>				
85	River Oak forest and woodland of the NSW South-western Slopes and South Eastern Highlands Bioregions	20	Flood plain / Alluvial soil	<i>Casuarina cunninghamiana</i> subsp. <i>cunninghamiana</i> / <i>Callistemon sieberi</i> - <i>Pteridium esculentum</i> - <i>Urtica incisa</i> - <i>Microleana stipoides</i> var. <i>stipoides</i> - <i>Carex appressa</i> - <i>Poa labillardierei</i> var. <i>labillardierei</i> - <i>Lomandra longifolia</i>
<b>Woodlands</b>				
<b>Inland Rocky Hill Woodlands</b>				
186	Dwyers Red Gum - Black Cypress Pine - Currawang shrubby low woodland on rocky hills mainly in the NSW South-western Slopes Bioregion	4,058	Hills / Lithosol	<i>Eucalyptus dwyeri</i> - <i>Callitris endlicheri</i> - <i>Acacia doratoxylon</i> / <i>Calytrix tetragona</i> - <i>Dodonaea viscosa</i> subsp. <i>spatulata</i> - <i>Grevillea floribunda</i> - <i>Brachyloma daphnoides</i> subsp. <i>daphnoides</i> / <i>Gonocarpus elatus</i> - <i>Lepidosperma laterale</i> - <i>Chrysocephalum semipapposum</i> - <i>Austrostipa densiflora</i>
317	Currawang very tall shrubland on siliceous rocky ridges and cliffs mainly in the NSW South WesternSlopes Bioregion	1,698	Hills, Low hills / Lithosol	<i>Acacia doratoxylon</i> / <i>Allocasuarina diminuta</i> subsp. <i>diminuta</i> - <i>Calytrix tetragona</i> / <i>Stuartina muelleri</i> - <i>Triptilodiscus pygmaeus</i> - <i>Austrodanthonia fulva</i> - <i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>
<b>Other Native&lt;/</b>				

pared by: Office of Environment & Heritage, Queanbeyan. Project and technical coordination by Owen Maguire. Digital Aerial Photograph interpretation undertaken by Robert Streeter and Cameron Paterson. Hard copy map layout by Tobi Edmonds. Mapping was based on the interpretation of ADS40 aerial photography flown in September 2007. Polygons were captured at a scale of 1:6000 with a minimum polygon of 1 ha (OEH 2011). It is therefore possible to use this mapping at larger scales such as 1:25,000. This work has been assessed and found to have an overall user accuracy of 91% (Sinclair Knight Merz 2009). Plant communities have been classified using the NSW VCA (see Son et al. 2006, 2008). NSW VCA communities have been grouped in the Legend according to the NSW Vegetation Classes and Combinations (see Keith 2004). VCA plant communities form part of the NSW Government's assessment tools such as the Property Vegetation Plan (PVP) developer and the Biobanking Vegetation Types database. For more information on NSW VCA plant communities go to [http://www.rbgsyd.nsw.gov.au/science/Research/vegetation\\_of\\_nsw](http://www.rbgsyd.nsw.gov.au/science/Research/vegetation_of_nsw).

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quiries should be directed to the Manager, Information Management Bureau, GPO Box 523, Sydney NSW 2001.

Benson, J.S. (2008) New South Wales Vegetation Classification and Assessment Part 2: Plant communities of the NSW South-western Slopes Bioregion and update of NSW Western Plains plant communities, Version 2 of the NSWVCA database. Cunninghamia 10(4): 599-672.

Benson, J.S., Allen, C., Togher, C. & Lemmon, J. (2006) New South Wales Vegetation Classification and Assessment: Part 1. Plant communities of the NSW Western Plains. Cunninghamia 9(3): 383-450.

Keith, D.A. (2004) Ocean Shores to Desert Dunes: The Native Vegetation of New South Wales and the ACT. Department of Environment & Heritage, Canberra, Australia.

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