

Extent of Ecological Vegetation Classes (EVCs) recorded in the Metropolitan Melbourne Investigation area

The following table lists all the EVCs recorded in the investigation area and quantifies their current and pre-1750 extent in the investigation area, as well as their current extent in protected areas and on other public land. Information on the pre-European and current extent of EVCs within the investigation area uses the most recent 2004-2005 Department of Sustainability and Environment data.

Preceding the table is a detailed key for the column headings and symbols used in the table.

DEFINITIONS AND KEY

Columns 1 and 2: Ecological Vegetation Classes (EVC) number and name

Names and identification numbers of EVCs recorded in the investigation area, including complexes and mosaics

Column 3: Pre-1750 Extent

Total area in hectares thought to have been occupied by each EVC prior to European settlement

Column 4: Current extent (public and private land)

Total area in hectares currently occupied by each EVC – that is, that part of the pre-1750 distribution where indigenous vegetation is currently present

Column 5: Per cent remaining

Percentage of current extent (column 4) of each EVC compared to pre-1750 extent (column 3)

Column 6: Current protected areas

Total area in hectares of each EVC in public land-use categories that comprise the protected areas system

Column 7: Other public land

Total area in hectares of each EVC in all public land categories outside the protected areas system

Column 8: Protected areas as % of pre-1750 extent

Percentage of each EVC in protected areas (column 6) compared to pre-1750 extent (column 3)

Column 9: Protected areas as % of current extent

Percentage of each EVC in protected areas (column 6) compared to current extent (column 4)

Column 10: Bioregional Conservation Status

Bioregional conservation status of each EVC in the six bioregions within the investigation area: CVU = Central Victorian Uplands, GP = Gippsland Plain, HNF = Highlands-Northern Fall, HSF = Highlands - Southern Fall, OP = Otway Plain and VWP = Victorian Volcanic Plain

The per cent remaining (column 5) is a key factor in assigning EVCs to bioregional conservation status categories: E = endangered, V = vulnerable, R = rare, D= depleted, LC= least concern, na= not applicable. Other criteria include degradation, current threats, rarity and naturally restricted occurrence.

Hectare values in columns 3, 4, 6 and 7 have been rounded to the nearest whole number. Values which are less than one hectare may be shown as a zero value.

DEFINITIONS OF BIOREGIONAL CONSERVATION STATUS (BCS) FOR EVCS

Note the different categories and definitions used for BCS compared with the conservation status categories and definitions used for flora and fauna in Victoria.

STATUS	CODE	
Presumed extinct	X	Probably no longer present in the Bioregion (the accuracy of this assumption is limited by the use of remotely sensed 1:100 00 scale woody vegetation cover mapping to determine depletion – grassland, open woodland and wetland types are particularly affected).
Endangered	E	Contracted to less than 10% of former range; OR Less than 10% pre-European extent remains; OR Combination of depletion, degradation, current threats and rarity is comparable overall to the above: <ul style="list-style-type: none"> • 10 to 30% pre-European extent remains and severely degraded over a majority of this area; or • naturally restricted EVC reduced to 30% or less of former range and moderately degraded over a majority of this area; or • rare EVC cleared and/or moderately degraded over a majority of former area.
Vulnerable	V	10 to 30% pre-European extent remains; OR Combination of depletion, degradation, current threats and rarity is comparable overall to the above: <ul style="list-style-type: none"> • greater than 30% and up to 50% pre-European extent remains and moderately degraded over a majority of this area; or • greater than 50% pre-European extent remains and severely degraded over a majority of this area; or • naturally restricted EVC where greater than 30% pre-European extent remains and moderately degraded over a majority of this area; or • rare EVC cleared and/or moderately degraded over a majority of former area.
Depleted	D	Greater than 30% and up to 50% pre-European extent remains; OR Combination of depletion, degradation and current threats is comparable overall to the above and: <ul style="list-style-type: none"> • greater than 50% pre-European extent remains and moderately degraded over a majority of this area; or
Rare	R	Rare EVC (as defined by geographic occurrence) but neither depleted, degraded nor currently threatened to an extent that would qualify as Endangered, Vulnerable or Depleted.
Least concern	LC	Greater than 50% pre-European extent remains and subject to little to no degradation over a majority of this area.

1	2	3	4	5	6	7	8	9	10				
EVC no.	EVC name	Area in ha		Per cent remaining	Area in ha		Protected areas as % of pre-1750 extent	Protected areas as % of current extent	Bioregional Conservation Status				
		Pre-1750 extent	Current extent		Protected areas	Other public land			CVU	HNF	HSF	OP	WVP
653	Aquatic Herbland	145	67	46.5	9	46	6.5	14.1					E
311	Berm Grassy Shrubland	23	13	58.5	0	4	0.0	0.0	E			E	
27	Blackthorn Scrub	15	12	81.9	12	0	77.7	94.9	R	R	R		
61	Box Ironbark Forest	3426	2548	74.4	400	544	11.7	15.7	V	V	V	D	
934	Brackish Grassland	855	52	6.1	0	39	0.0	0.0	E			E	
636	Brackish Lake Aggregate	100	15	14.8	0	13	0.0	0.0	R			V	
656	Brackish Wetland	329	51	15.5	0	45	0.0	0.0	E			E	
291	Cane Grass Wetland	159	152	95.6	0	14	0.0	0.0				V	
159	Clay Heathland/Wet Heathland/Riparian Scrub Mosaic	2142	1640	76.6	1366	24	63.7	83.3	D	D	D		
2	Coast Banksia Woodland	236	5	2.0	0	3	0.0	0.0	V		LC		
921	Coast Banksia Woodland/Coastal Dune Scrub Mosaic	288	48	16.7	0	43	0.0	0.0	V			V	
904	Coast Banksia Woodland/Swamp Scrub Mosaic	315	36	11.4	0	30	0.0	0.0	V				
858	Coastal Alkaline Scrub	626	61	9.8	0	57	0.0	0.0	V		E	E	
160	Coastal Dune Scrub	158	9	5.5	0	8	0.0	0.0	D				
1	Coastal Dune Scrub/Coastal Dune Grassland Mosaic	28	13	45.8	0	12	0.0	0.0	D	D	D	D	D
161	Coastal Headland Scrub	7	1	20.2	0	1	0.0	0.0	D		V	V	
919	Coastal Headland Scrub/Coast Banksia Woodland Mosaic	342	60	17.4	0	55	0.0	0.0	V				
9	Coastal Saltmarsh	4543	1976	43.5	410	897	9.0	20.7	LC		E	V	

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900	Coastal Saltmarsh/Coastal Dune Grassland/Coastal Dune Scrub/Coastal Headland Scrub Mosaic	21	6	29.7	1	4	3.3	11.2	V				E
302	Coastal Saltmarsh/Mangrove Shrubland Mosaic	260	176	67.4	99	33	37.8	56.1	V			E	E
31	Cool Temperate Rainforest	250	250	100.0	182	68	72.7	72.7		E	E		
68	Creekline Grassy Woodland	2965	542	18.3	7	135	0.2	1.3	E	E	E	E	E
164	Creekline Herb-rich Woodland	4622	2264	49.0	87	212	1.9	3.8	V	E	V		E
654	Creekline Tussock Grassland	15	0	0.0	0	0	0.0	0.0					E
29	Damp Forest	13248	11088	83.7	5406	1471	40.8	48.8	LC	E	LC	LC	
793	Damp Heathy Woodland	9094	5174	56.9	2655	768	29.2	51.3	V		D		V
3	Damp Sands Herb-rich Woodland	1347	124	9.2	5	36	0.4	4.0	E	V	V	V	V
418	Damp Sands Herb-rich Woodland/Heathy Woodland Complex	344	3	1.0	0	0	0.0	0.0	V				
881	Damp Sands Herb-rich Woodland/Heathy Woodland Mosaic	1743	99	5.7	0	32	0.0	0.1	V				V
895	Escarpment Shrubland	2187	877	40.1	92	305	4.2	10.5	E	E	E	E	E
914	Estuarine Flats Grassland	538	91	16.8	22	12	4.1	24.6		E			E
935	Estuarine Wetland/Estuarine Swamp Scrub Mosaic	78	19	25.0	5	1	6.7	26.9	D				
56	Floodplain Riparian Woodland	3155	1302	41.3	36	451	1.1	2.7	E	E	E	E	E
172	Floodplain Wetland Aggregate	49	38	78.4	0	18	0.0	0.0	E	E	LC		
72	Granitic Hills Woodland	141	27	19.3	0	0	0.0	0.0	D		LC		E
22	Grassy Dry Forest	22083	13120	59.4	1094	1793	5.0	8.3	D	LC	LC	LC	V

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128	Grassy Forest	6286	2598	41.3	188	446	3.0	7.2	V	E	V	E	E
106	Grassy Riverine Forest	210	50	23.7	0	15	0.0	0.0					LC
175	Grassy Woodland	40564	4149	10.2	185	474	0.5	4.5	E	E	D	E	E
719	Grassy Woodland/Damp Sands Herb-rich Woodland Mosaic	2678	16	0.6	3	2	0.1	17.7	E				E
124	Grey Clay Drainage-line Aggregate	482	125	25.9	42	1	8.6	33.3					E
902	Gully Woodland	387	330	85.2	112	33	29.0	34.0	E		V		
20	Heathy Dry Forest	3731	3608	96.7	2605	347	69.8	72.2	LC	LC	LC		LC
48	Heathy Woodland	12907	3405	26.4	342	457	2.7	10.1	D	LC	D	LC	V
892	Heathy Woodland/Sand Heathland Mosaic	1318	8	0.6	0	1	0.0	0.0	LC				LC
23	Herb-rich Foothill Forest	11741	8988	76.6	2612	1440	22.2	29.1	D	V	LC	LC	V
71	Hills Herb-rich Woodland	2545	730	28.7	15	415	0.6	2.0	V				V
104	Lignum Swamp	29	17	59.5	0	0	0.0	0.0				E	E
16	Lowland Forest	18989	11517	60.7	2821	1395	14.9	24.5	LC	V	LC	D	LC
140	Mangrove Shrubland	187	159	84.8	102	35	54.7	64.6	LC			V	V
692	Mangrove Shrubland/Coastal Saltmarsh/Bern Grass Shrubland/Estuarine Flats Grassland Mosaic	71	39	54.7	0	28	0.0	0.0					E
132	Plains Grassland	114324	22936	20.1	593	1002	0.5	2.6	E	E	E	E	E
897	Plains Grassland/Plains Grassy Woodland Mosaic	21443	1045	4.9	0	93	0.0	0.0	E	E	E		E
125	Plains Grassy Wetland	5245	617	11.8	6	196	0.1	0.9	E	E	E	E	E
55	Plains Grassy Woodland	81601	7477	9.2	155	1221	0.2	2.1	E	E	E	E	E

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927	Plains Grassy Woodland/Swamp Scrub/Plains Grassy Wetland Mosaic	1411	36	2.6	0	13	0.0	0.0	E				
647	Plains Sedgy Wetland	342	121	35.5	0	26	0.0	0.0	E			E	E
693	Plains Woodland/Plains Grassland Mosaic	7014	1003	14.3	28	64	0.4	2.8	E				E
292	Red Gum Swamp	15	15	100.0	0	0	0.0	0.0	E				E
300	Reed Swamp	67	5	7.1	0	5	0.0	0.0	E			V	E
18	Riparian Forest	5350	3952	73.9	1272	869	23.8	32.2	V	V	LC	V	V
191	Riparian Scrub	303	158	52.1	8	36	2.6	4.9	E	V		V	E
17	Riparian Scrub/Swampy Riparian Forest Complex	2141	1057	49.4	22	110	1.0	2.1	V	V	V	D	E
59	Riparian Thicket	648	394	60.7	10	50	1.5	2.5	V	V	V		
641	Riparian Woodland	1285	209	16.3	4	57	0.3	2.1	E	E			E
928	Riparian Woodland/Stream-bank Shrubland Mosaic	47	0	0.0	0	0	0.0	0.0					E
64	Rocky Chenopod Woodland	69	34	49.9	8	6	11.5	23.0	V				V
6	Sand Heathland	170	107	62.7	65	10	38.4	61.2	LC	R		R	LC
894	Scoria Cone Woodland	54	9	17.0	0	0	0.0	0.0	E				E
707	Sedgy Swamp Woodland	192	1	0.5	0	0	0.0	0.0	E				
21	Shrubby Dry Forest	116	116	100.0	115	1	98.8	98.8	LC	LC	LC	LC	LC
45	Shrubby Foothill Forest	7183	4243	59.1	1431	379	19.9	33.7	LC	E	D	LC	D
851	Stream Bank Shrubland	1671	783	46.9	42	128	2.5	5.4	V			E	E
53	Swamp Scrub	47902	2577	5.4	31	341	0.1	1.2	E	E	E	V	E
639	Swamp Scrub/Plains Grassy Forest Mosaic	50	10	19.2	0	0	0.0	0.0	E				

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126	Swampy Riparian Complex	7208	2781	38.6	44	206	0.6	1.6	E	E	V	E	E	E
83	Swampy Riparian Woodland	8101	1850	22.8	138	716	1.7	7.4	E	E	V	V	E	E
688	Swampy Riparian Woodland/Swamp Scrub Mosaic	4356	191	4.4	5	101	0.1	2.8	E	E		V		
937	Swampy Woodland	18004	1874	10.4	35	482	0.2	1.9	E	E	E	E	E	E
47	Valley Grassy Forest	22427	7879	35.1	866	724	3.9	11.0	V	V	V	V	V	V
408	Valley Grassy Forest/Herb-rich Foothill Forest Complex	743	54	7.2	0	0	0.0	0.0		V		V		
127	Valley Heathy Forest	18809	1096	5.8	9	330	0.0	0.8	V	E	E	V		E
30	Wet Forest	5376	5255	97.7	2892	1499	53.8	55.0	LC	D	LC	LC	LC	
932	Wet Verge Sedgeland	130	1	0.8	0	0	0.0	0.0						E
74	Wetland Formation	154	31	20.2	15	0	9.7	47.9	E	E		E	E	E
Total		561957	145617	25.9	28711	20928	5.1	19.7	-					