

**Table 4. Reservation Status of Ecological Vegetation Classes (EVCs) in the Angahook-Otway Study Area (see below for a key to the table)**

Column 1	2	3	4	5	6	7	8	9	10
Ecological Vegetation Classes (EVCs)	Area in ha		Percent Remaining	Conservation Status	Area in ha			VEAC Percent Change to Permanent Reserves	Recommended Permanent Reserves as Percent of Pre-1750 Extent
	Pre-1750 Extent	Current Extent			Existing Permanent Reserves	Recommended Permanent Reserves	Other Public Land		
Aquatic Herbland/Plains Sedgy Wetland Mosaic	690	10	1.4	E, R	0	0	0	-	0.0
Clay Heathland	2	2	100.0	R	2	2	0	0.0	100.0
Coastal Alkaline Scrub	25	5	20.0	V, R	1	1	1	0.0	4.0
Coastal Dune Scrub/Coastal Dune Grassland Mosaic	1,631	1,144	70.1		783	819	155	4.6	50.2
Coastal Headland Scrub	2,674	2,134	79.8		805	1,161	174	44.2	43.4
Coastal Headland Scrub/Coastal Tussock Grassland Mosaic	254	194	76.4	R	102	102	0	0.0	40.2
Coastal Saltmarsh/Mangrove Shrubland Mosaic	5	5	100.0	R	0	0	4	-	0.0
Coastal Tussock Grassland	305	223	73.1	R	140	150	13	7.1	49.2
Cool Temperate Rainforest	9,663	8,567	88.7		1,459	6,426	706	340.4	66.5
Damp Heath Scrub	1,541	571	37.1	R	425	462	5	8.7	30.0
Damp Sands Herb-rich Woodland	3,337	1,593	47.7		612	703	36	14.9	21.1
Estuarine Wetland	208	114	54.8	R	26	30	41	15.4	14.4
Floodplain Reedbed	112	0	0.0	E, R	0	0	0	-	0.0
Floodplain Riparian Woodland	1,853	42	2.3	E, R	0	0	1	-	0.0
Grassy Dry Forest	291	275	94.5	R	158	179	36	13.3	61.5
Grassy Forest	1,595	138	8.7	E, R	0	0	0	-	0.0
Grassy Woodland	35,787	623	1.7	E, R	1	15	8	1,400.0	0.0
Heathy Woodland	20,358	17,713	87.0		7,586	10,844	3,401	42.9	53.3
Herb-rich Foothill Forest	10,113	5,495	54.3		1,044	3,190	1,221	205.6	31.5
Herb-rich Foothill Forest/Shrubby Foothill Forest Complex	6,107	4,165	68.2		17	1,452	1,976	8,441.2	23.8
Lowland Forest	74,561	32,562	43.7		6,902	11,924	10,384	72.8	16.0
Plains Grassy Wetland	11	2	18.2	V, R	0	0	0	-	0.0
Plains Grassy Woodland	4,725	47	1.0	E, R	0	0	1	-	0.0
Plains Sedgy Wetland	262	27	10.3	V, R	0	0	0	-	0.0
Riparian Forest	5,849	3,347	57.2		798	1,392	1,179	74.4	23.8
Riparian Scrub/Swampy Riparian Woodland Complex	5,928	3,965	66.9		1,311	1,907	999	45.5	32.2
Sand Heathland	176	167	94.9	R	78	139	9	78.2	79.0
Scoria Cone Woodland	1	1	100.0	R	1	1	0	0.0	100.0
Sedgy Riparian Woodland	2,872	1,458	50.8		223	590	434	164.6	20.5
Shrubby Dry Forest	1,687	1,589	94.2		1,074	1,249	15	16.3	74.0
Shrubby Foothill Forest	36,857	29,589	80.3		10,404	16,902	5,741	62.5	45.9
Shrubby Wet Forest	37,579	32,448	86.3		5,446	16,607	9,425	204.9	44.2
Stony Rises Woodland	4,471	2,106	47.1		13	15	5	15.4	0.3
Swamp Scrub	9,367	497	5.3	E, R	5	11	105	120.0	0.1
Swampy Riparian Woodland	1,926	239	12.4	V, R	0	0	43	-	0.0
Wet Forest	48,911	40,944	83.7		8,571	27,991	5,093	226.6	57.2
Wet Heathland	4,074	2,016	49.5		803	1,260	404	56.9	30.9
Wet Sands Thicket	1,299	1,270	97.8		451	912	267	102.2	70.2
<b>Total:</b>	<b>337,107</b>	<b>195,287</b>	<b>57.9</b>		<b>49,241</b>	<b>106,436</b>	<b>41,882</b>	<b>116.2</b>	<b>31.6</b>

**Table 4a. Reservation Status of Ecological Vegetation Classes (EVCs) in the Otway Ranges Bioregion within the Study Area**

Column 1	2	3	4	5	6	7	8	9	10
Ecological Vegetation Classes (EVCs)	Area in ha		Percent Remaining	Conservation Status	Area in ha			VEAC Percent Change to Permanent Reserves	Recommended Permanent Reserves as Percent of Pre-1750 Extent
	Pre-1750 Extent	Current Extent			Existing Permanent Reserves	Recommended Permanent Reserves	Other Public Land		
Coastal Dune Scrub/Coastal Dune Grassland Mosaic	88	63	71.6		23	23	21	-	26.1
Coastal Headland Scrub	1,815	1,364	75.2		432	585	133	35.4	32.2
Coastal Tussock Grassland	62	54	87.1	V	28	28	2	-	45.2
Cool Temperate Rainforest	9,663	8,567	88.7	V	1,459	6,426	706	340.4	66.5
Damp Heath Scrub	66	85	128.8	E	65	65	0	-	98.5
Damp Sands Herb-rich Woodland	430	341	79.3	V	174	192	32	10.3	44.7
Estuarine Wetland	3	2	66.7	E	0	0	0	-	0.0
Floodplain Reedbed	5	0	0		0	0	0	-	0.0
Grassy Dry Forest	291	275	94.5		158	179	36	13.3	61.5
Grassy Forest	6	1	16.7	E	0	0	0	-	0.0
Grassy Woodland	6	0	0		0	0	0	-	0.0
Heathy Woodland	414	411	99.3		217	332	33	53.0	80.2
Herb-rich Foothill Forest	236	173	73.3		110	110	14	-	46.6
Herb-rich Foothill Forest/Shrubby Foothill Forest	5,901	4,106	69.6		17	1,442	1,956	8,382.4	24.4
Lowland Forest	2,253	2,067	91.7		1,139	1,222	499	7.3	54.2
Riparian Forest	2,980	2,213	74.3		518	975	871	88.2	32.7
Riparian Scrub/Swampy Riparian Woodland Complex	119	105	88.2		84	93	2	10.7	78.2
Scoria Cone Woodland	1	1	100.0	E	1	1	0	-	100.0
Sedgy Riparian Woodland	93	71	76.3		41	42	0	2.4	45.2
Shrubby Dry Forest	1,019	1,015	99.6		810	978	13	20.7	96.0
Shrubby Foothill Forest	32,992	27,126	82.2		10,022	15,439	5,434	54.1	46.8
Shrubby Wet Forest	37,413	32,298	86.3		5,442	16,534	9,384	203.8	44.2
Swamp Scrub	217	50	23.0	E	0	1	3	-	0.5
Swampy Riparian Woodland	8	1	12.5	E	0	0	1	-	0.0
Wet Forest	48,603	40,673	83.7		8,571	27,771	5,080	224.0	57.1
Wet Heathland	198	115	58.1		76	94	10	23.7	47.5
Wet Sands Thicket	847	846	99.9	R	329	625	196	90.0	73.8
<b>Total:</b>	<b>145,729</b>	<b>122,023</b>	<b>83.7</b>		<b>29,716</b>	<b>73,157</b>	<b>24,426</b>	<b>146.2</b>	<b>50.2</b>

**Table 4b. Reservation Status of Ecological Vegetation Classes (EVCs) in the Otway Plains Bioregion within the Study Area**

Column 1	2	3	4	5	6	7	8	9	10
Ecological Vegetation Classes (EVCs)	Area in ha		Percent Remaining	Conservation Status	Area in ha			VEAC Percent Change to Permanent Reserves	Recommended Permanent Reserves as Percent of Pre-1750 Extent
	Pre-1750 Extent	Current Extent			Existing Permanent Reserves	Recommended Permanent Reserves	Other Public Land		
Aquatic Herbland/Plains Sedgy Wetland Mosaic	66	1	1.5	E	0	0	0	-	0.0
Clay Heathland	2	2	100.0	V	2	2		-	100.0
Coastal Alkaline Scrub	25	5	20.0	E	1	1	1	-	4.0
Coastal Dune Scrub/Coastal Dune Grassland Mosaic	1,377	953	69.2		665	699	131	5.1	50.8
Coastal Headland Scrub	620	572	92.3		213	416	40	95.3	67.1
Coastal Saltmarsh/Mangrove Shrubland Mosaic	5	5	100.0	E	0	0	4	-	0.0
Coastal Tussock Grassland	95	54	56.8	V	6	16	11	166.7	16.8
Damp Heath Scrub	497	73	14.7		27	27	4	-	5.4
Damp Sands Herb-rich Woodland	2,752	1,187	43.1	V	432	505	3	16.9	18.4
Estuarine Wetland	81	57	70.4	E	1	1	40	-	1.2
Floodplain Reedbed	107	0	0.0		0	0	0	-	0.0
Floodplain Riparian Woodland	1,853	42	2.3	E	0	0	1	-	0.0
Grassy Forest	1,589	137	8.6	E	0	0	0	-	0.0
Grassy Woodland	31,266	595	1.9	E	1	15	7	1,400.0	0.0
Heathy Woodland	19,445	17,039	87.6		7,317	10,382	3,329	41.9	53.4
Herb-rich Foothill Forest	3,175	1,916	60.3		236	827	492	250.4	26.0
Herb-rich Foothill Forest/Shrubby Foothill Forest	206	59	28.6		0	10	20	-	4.9
Lowland Forest	49,395	23,797	48.2		3,782	7,311	8,214	93.3	14.8
Plains Grassy Wetland	4	0	0.0		0	0	0	-	0.0
Plains Grassy Woodland	5	0	0.0		0	0	0	-	0.0
Plains Sedgy Wetland	114	1	0.9		0	0	0	-	0.0
Riparian Forest	2,029	806	39.7		126	224	232	77.8	11.0
Riparian Scrub/Swampy Riparian Woodland Complex	4,810	3,367	70.0		1,120	1,683	864	50.3	35.0
Sand Heathland	176	167	94.9	R	78	139	9	78.2	79.0
Sedgy Riparian Woodland	1,951	1,199	61.5		182	397	434	118.1	20.3
Shrubby Dry Forest	669	574	85.8		264	271	2	2.7	40.5
Shrubby Foothill Forest	1,612	1,200	74.4		240	522	146	117.5	32.4
Shrubby Wet Forest	142	127	89.4		4	61	42	1,425.0	43.0
Swamp Scrub	1,650	203	12.3	E	0	4	94	-	0.2
Swampy Riparian Woodland	1,919	238	12.4	E	0	0	43	-	0.0
Wet Forest	308	272	88.3		0	220	13	-	71.4
Wet Heathland	1,781	1,393	78.2		632	904	332	43.0	50.8
Wet Sands Thicket	453	424	93.6	R	122	287	71	135.2	63.4
<b>Total:</b>	<b>128,084</b>	<b>54,932</b>	<b>42.9</b>		<b>14,570</b>	<b>23,806</b>	<b>14,407</b>	<b>63.4</b>	<b>18.6</b>

**Table 4c. Reservation Status of Ecological Vegetation Classes (EVCs) in the Victorian Volcanic Plains Bioregion within the Study Area**

Column 1	2	3	4	5	6	7	8	9	10
Ecological Vegetation Classes (EVCs)	Area in ha		Percent Remaining	Conservation Status	Area in ha			VEAC Percent Change to Permanent Reserves	Recommended Permanent Reserves as Percent of Pre-1750 Extent
	Pre-1750 Extent	Current Extent			Existing Permanent Reserves	Recommended Permanent Reserves	Other Public Land		
Aquatic Herbland/Plains Sedgy Wetland Mosaic	7	5	71.4	E	0	0	0	-	0.0
Grassy Woodland	1	0	0		0	0	0	-	0.0
Lowland Forest	7	4	57.1		0	0	0	-	0.0
Plains Grassy Wetland	4	2	50.0		0	0	0	-	0.0
Plains Grassy Woodland	0	0	0		0	0	0	-	0.0
Plains Sedgy Wetland	131	26	19.9	E	0	0	0	-	0.0
Stony Rises Woodland	4,391	2,093	47.7	V	13	15	5	15.4	0.3
Swamp Scrub	197	17	8.6	E	0	0	1	-	0.0
<b>Total:</b>	<b>4,738</b>	<b>2,147</b>	<b>45.3</b>		<b>13</b>	<b>15</b>	<b>6</b>	<b>15.4</b>	<b>0.3</b>

**Table 4d. Reservation Status of Ecological Vegetation Classes (EVCs) in the Warrnambool Plains Bioregion within the Study Area**

Column 1	2	3	4	5	6	7	8	9	10
Ecological Vegetation Classes (EVCs)	Area in ha		Percent Remaining	Conservation Status	Area in ha			VEAC Percent Change to Permanent Reserves	Recommended Permanent Reserves as Percent of Pre-1750 Extent
	Pre-1750 Extent	Current Extent			Existing Permanent Reserves	Recommended Permanent Reserves	Other Public Land		
Aquatic Herbland/Plains Sedgy Wetland Mosaic	618	4	0.6	E	0	0	0	-	0.0
Coastal Dune Scrub/Coastal Dune Grassland Mosaic	166	128	77.1	V	96	97	2	1.0	58.4
Coastal Headland Scrub	239	198	82.8		160	160	1	0.0	66.9
Coastal Headland Scrub/Coastal Tussock Grassland M	254	194	76.4		102	102	0	0.0	40.2
Coastal Tussock Grassland	149	115	77.2	V	106	106	0	0.0	71.1
Damp Heath Scrub	979	413	42.2	V	333	369	0	10.8	37.7
Damp Sands Herb-rich Woodland	156	65	41.7	E	7	7	0	0.0	4.5
Estuarine Wetland	124	55	44.4	E	24	29	1	20.8	23.4
Grassy Woodland	4,515	28	0.6	E	0	0	1	-	0.0
Heathy Woodland	499	263	52.7	V	52	130	38	150.0	26.1
Herb-rich Foothill Forest	6,702	3,406	50.8	V	698	2,254	715	222.9	33.6
Lowland Forest	22,907	6,694	29.2		1,980	3,391	1,671	71.3	14.8
Plains Grassy Wetland	3	0	0.0		0	0	0	-	0.0
Plains Grassy Woodland	4,719	47	1.0	E	0	0	1	-	0.0
Plains Sedgy Wetland	17	0	0.0	E	0	0	0	-	0.0
Riparian Forest	840	329	39.2	V	155	193	76	24.5	23.0
Riparian Scrub/Swampy Riparian Woodland Complex	1,000	493	49.3		108	131	133	21.3	13.1
Sedgy Riparian Woodland	828	188	22.7	E	0	151	1	-	18.2
Shrubby Foothill Forest	2,253	1,264	56.1		142	941	161	562.7	41.8
Shrubby Wet Forest	25	23	92.0		0	12		-	48.0
Stony Rises Woodland	80	13	16.3	V	0	0	0	-	0.0
Swamp Scrub	7,302	227	3.1	E	5	6	7	20.0	0.1
Swampy Riparian Woodland	0	0	0.0		0	0	0	-	0.0
Wet Heathland	2,096	509	24.3	E	96	263	63	174.0	12.5
<b>Total:</b>	<b>56,471</b>	<b>15,674</b>	<b>27.8</b>		<b>4,211</b>	<b>8,515</b>	<b>3,193</b>	<b>102.2</b>	<b>15.1</b>

## Key to Table 4

Data in the Representation Table were derived by GIS computer analysis, comparing:

- the pre-1750 extent of EVCs—that is, the distribution of EVCs as it is thought to have been immediately prior to European settlement;
- the current extent of tree cover—that is, areas where indigenous tree cover is present, based on satellite imagery; and
- the current and recommended public land use categories.

Many small public land units are not picked up in the public land GIS layer. For example, none of these figures include roads and roadsides, for which no estimate of extent exists. In addition to the Representation Table for the study area as a whole, presented here, are tables for each of the main bioregions in the study area.

Several figures in the Representation Table—including totals—differ slightly from the corresponding figures presented in the Representation Table in the Angahook-Otway Discussion Paper. These differences reflect GIS variations and subsequent corrections to the status of many parcels of land and other data. Also, many of the column totals are greater than the sum of the areas in their column—the differences are accounted for by relatively small areas for which no EVC is mapped, such as cleared areas and water bodies.

### Column 1: Ecological Vegetation Classes

The names of the 38 Angahook-Otway EVCs mapped within the study area.

### Column 2: Pre-1750 Extent

The total area in hectares thought to have been occupied by each EVC prior to European settlement.

### Column 3: Current Extent (public and private land)

The total area in hectares currently occupied by each EVC—that is, that part of the pre-1750 distribution where indigenous tree cover is currently present.

### Column 4: Percent Remaining

The current extent (column 3) as a percentage of the pre-1750 extent (column 2), for each EVC.

### Column 5: Conservation Status (JANIS)

The status of each EVC in terms of the categories developed by JANIS. The assessments refer to the study area as a whole and EVC distributions for bioregions within the study area. The percent remaining (column 4) is a key factor in assigning EVCs to JANIS categories. E = endangered, V = vulnerable, R = rare.

### Column 6: Existing Permanent Reserves

The total area in hectares of each EVC in existing public land categories which comprise the existing permanent conservation reserve system. The existing conservation reserve system also includes informal reserves not included in these data.

### Column 7: Recommended Permanent Reserves

The total area in hectares of each EVC in existing public land categories which comprise the conservation reserve system recommended by VEAC in this Final Report.

### Column 8: Other Public Land

The total area in hectares of each EVC in all public land categories outside the permanent reserves recommended by VEAC in this Report.

### Column 9: VEAC Percent Change to Permanent Reserves

The percentage increase in representation in recommended permanent reserves (column 7) compared to existing permanent reserves (column 6), for each EVC.

### Column 10: Recommended Permanent Reserves as Percent of Pre-1750 Extent

The area of recommended permanent reserves (column 7), as a percentage of the pre-1750 extent (column 2), for each EVC.