MAP 7 FLORISTIC VEGETATION

FLORISTIC VEGETATION

Melbourne Area District 2 - Study Area

1 : 250 000

0 5 10 15 20

Kilometres

Land Conservation Council Victoria

Notes on the interpretation and use of this map:

1. This map is based on extensive field checking and aerial photograph interpretation. It is reliable as a guide to the distribution of vegetation communities in the Study Area. However, as the boundaries between vegetation communities depicted above have been substantially simplified to accommodate the scale of the map, it should not be enlarged or used as an accurate base for field investigations or management planning.

2. River reserves supporting stands of intact native vegetation interspersed with severely disturbed vegetation or cleared areas were mapped according to the original vegetation. This applies in particular to the Goulburn River and its tributaries downstream of Lake Eildon.

3. Areas of public land supporting fragmented or degraded native vegetation have been mapped according to the original vegetation. This applies in particular to the section of Point Nepean National Park commonly known as Greens Bush, several areas on Phillip Island, including Cape Woolamai, and Arthurs Seat. Severely degraded areas have been mapped as cleared.

4. The following vegetation communities have not been mapped due to their small isolated occurrences within the Study Area: some wetland communities, Rocky Outcrop Scrub, Plains Grassland. See text of LCC Melbourne District II Descriptive Report for further information.

Vegetation mapping by Nadia Marine, Cathy Molnar, Adrian Moorrees, Randall Robinson, Karen Swayn and Lucille Turner, Flora Branch, Flora and Fauna Division, Department of Conservation and Environment, February 1991.

Detail of the Champion Spur area at a scale of 1:100 000 illustrating the complex pattern which has been simplified for presentation at 1:250 000

VEGETATION COMMUNITY	CHARACTERISTIC SPECIES (trees and shrubs) Botanical Name	Common Name	CHARACTERISTIC SPECIES (ferns, herbs, grasses, sedges) Botanical Name	Common Name
MONTANE VEGETATION				
Montane Dry Woodland	*Eucalyptus dives* *Eucalyptus rubida* *Eucalyptus radiata* *Cassinia aculeata* *Olearia erubescens* *Daviesia ulicifolia*	Broad-leaf Peppermint Candlebark Narrow-leaf Peppermint Common Cassinia Moth Daisy-bush Gorse Bitter-pea	*Pteridium esculentum* *Danella tasmanica* *Poa sieberiana* *Stellaria pungens* *Lomandra longifolia* *Tetratheca ciliata*	Austral Bracken Tasman Flax-lily Grey Tussock-grass Prickly Starwort Spiny-headed Mat-lily Pink-bells
Montane Damp Forest	*Eucalyptus delegatensis* *Eucalyptus cypellocarpa* *Eucalyptus radiata* *Coprosma hirtella* *Daviesia mimicoides* *Polyscias sambucifolia*	Alpine Ash Mountain Grey Gum Narrow-leaf Peppermint Rough Coprosma Blunt-leaf Bitter-pea Elderberry Panax	*Acaena novae-zelandiae* *Poa ensiformis* *Lepinella filicula* *Parahebe derwentiana* *Lagenifera stipitata* *Viola hederacea*	Bidgee-widgee Sword Tussock-grass Mountain Cotula Derwent Speedwell Common Lagenifera Ivy-leaf Violet
Montane Wet Forest	*Eucalyptus nitens* *Eucalyptus delegatensis* *Acacia frigescens* *Olearia phlogopappa* *Nothofagus cunninghamii*	Shining Gum Alpine Ash Forest Wattle Dusty Daisy-bush Myrtle Beech	*Dicksonia antarctica* *Blechnum wattsii* *Histiopteris incisa* *Polystichum proliferum*	Soft Tree-fern Hard Water-fern Bat's-wing Fern Mother Shield-fern
Montane Riparian Thicket	*Leptospermum grandifolium* *Nothofagus cunninghamii* *Wilsonia vacchiacea*	Mountain Tea-tree Myrtle Beech Saw Baw Berry	*Blechnum penna-marina* *Carex appressa* *Libertia pulchella* *Blechnum wattsii* *Hydrocotyle hirta*	Alpine Water-fern Tall Sedge Pretty Grass-flag Hard Water-fern Hairy Pennywort
MOIST FORESTS				
Cool Temperate Rainforest	*Nothofagus cunninghamii* *Atherosperma moschatum*	Myrtle Beech Southern Sassafras	*Dicksonia antarctica* *Blechnum wattsii* *Polystichum proliferum* *Grammitis billardierii* *Hymenophyllum spp.*	Soft Tree-fern Hard Water-fern Mother Shield-fern Common Finger-fern Filmy Ferns
Wet Sclerophyll Forest	*Eucalyptus regnans* *Acacia dealbata* *Bedfordia arborescens* *Olearia argophylla* *Pomaderris aspera* *Lomatia fraseri*	Mountain Ash Silver Wattle Blanket-leaf Musk Daisy-bush Hazel Pomaderris Tree Lomatia	*Dicksonia antarctica* *Cyathea australis* *Australina pusilla* *Clematis aristata* *Polystichum proliferum* *Asplenium bulbiferum*	Soft Tree-fern Rough Tree-fern Shade Nettle Mountain Clematis Mother Shield-fern Mother Spleenwort
Damp Sclerophyll Forest	*Eucalyptus cypellocarpa* *Eucalyptus obliqua* *Pomaderris aspera* *Coprosma quadrifida* *Pimelea axiflora* *Acacia verticillata*	Mountain Grey Gum Messmate Hazel Pomaderris Prickly Coprosma Bootlace Bush Prickly Moses	*Culcita dubia* *Viola hederacea* *Cyathea australis* *Clematis aristata* *Geranium potentilloides* *Lepidosperma elatius*	Common Ground-fern Ivy-leaf Violet Rough Tree-fern Mountain Clematis Cinquefoil Tall Sword-sedge
Riparian Thicket	*Leptospermum lanigerum* *Melaleuca squarrosa*	Woolly Tea-tree Scented Paperbark	*Blechnum nudum* *Dicksonia antarctica* *Gahnia sieberiana* *Carex spp.* *Stichenis lobatus*	Fishbone Water-fern Soft Tree-fern Red-fruit Saw-sedge Sedges Spreading Fan-fern
Riparian Forest	*Eucalyptus viminalis* *Acacia melanoxylon* *Prostanthera lasianthos* *Acacia dealbata* *Pomaderris aspera* *Coprosma quadrifida*	Manna Gum Blackwood Victorian Christmas-bush Silver Wattle Hazel Pomaderris Prickly Coprosma	*Blechnum nudum* *Carex appressa* *Isolepis inundata* *Polystichum proliferum* *Rubus parvifolius* *Dicksonia antarctica*	Fishbone Water-fern Tall Sedge Swamp Club-sedge Mother Shield-fern Small-leaf Bramble Soft Tree-fern
Swampy Riparian Forest	*Eucalyptus ovata* *Acacia melanoxylon* *Pomaderris aspera* *Melaleuca squarrosa* *Leptospermum lanigerum*	Swamp Gum Blackwood Hazel Pomaderris Scented Paperbark Woolly Tea-tree	*Gahnia sieberiana* *Gratiola peruviana* *Blechnum minus* *Phragmites australis* *Lepidosperma elatius* *Dicksonia antarctica*	Red-fruit Saw-sedge Brookline Soft Water-fern Common Reed Tall Sword-sedge Soft Tree-fern

VEGETATION COMMUNITY	CHARACTERISTIC SPECIES (trees and shrubs) Botanical Name	Common Name	CHARACTERISTIC SPECIES (ferns, herbs, grasses, sedges) Botanical Name	Common Name
DRY FORESTS				
Herb-rich Foothill Forest	*Eucalyptus radiata* *Acacia dealbata* *Cassinia aculeata* *Eucalyptus viminalis* *Eucalyptus rubida* *Eucalyptus globulus* ssp. *pseudo*	Narrow-leaf Peppermint Silver Wattle Common Cassinia Manna Gum Candlebark Eurabbie	*Microlaena stipoides* *Pteridium esculentum* *Asperula scoparia* *Gonocarpus tetragynus* *Cymbonotus preissianus* *Viola hederacea*	Weeping Grass Austral Bracken Prickly Woodruff Common Raspwort Austral Bear's-ears Ivy-leaf Violet
Shrubby Foothill Forest	*Eucalyptus obliqua* *Eucalyptus radiata* *Acacia mucronata* *Pultenaea juncea* *Eucalyptus sieberi* *Goodenia ovata*	Messmate Narrow-leaf Peppermint Narrow-leaf Wattle Prickly Bush-pea Silver-top Hop Goodenia	*Pteridium esculentum* *Tetrarrhena juncea* *Viola hederacea* *Gonocarpus tetragynus* *Lomandra longifolia* *Platylobium formosum*	Austral Bracken Forest Wire-grass Ivy-leaf Violet Common Raspwort Spiny-headed Mat-rush Handsome Flat-pea
Heathy Foothill Forest	*Eucalyptus consideniana* *Eucalyptus sieberi* *Leptospermum continentale* *Hakea sericea* *Pultenaea gunnii* *Amperea xiphoclada*	Yertchuk Silver-top Prickly Tea-tree Bushy Hakea Golden Bush-pea Broom Spurge	*Gahnia radula* *Tetrarrhena juncea* *Xanthorrhoea minor* *Dampiera stricta* *Goodenia lanata* *Pteridium esculentum*	Thatch Saw-sedge Forest Wire-grass Small Grass-tree Blue Dampiera Trailing Goodenia Austral Bracken
Valley Forest	*Eucalyptus melliodora* *Eucalyptus macrorhyncha* *Eucalyptus polyanthemos* *Eucalyptus goniocalyx* *Eucalyptus radiata* *Exocarpos cupressiformis*	Yellow Box Red Stringybark Red Box Long-leaf Box Narrow-leaf Peppermint Cherry Ballart	*Microlaena stipoides* *Dichondra repens* *Adiantum aethiopicum* *Poa morrisii* *Gonocarpus tetragynus* *Acaena novae-zelandiae*	Weeping Grass Kidney-weed Common Maidenhair Soft Tussock-grass Common Raspwort Bidgee-widgee
Heathy Dry Forest	*Eucalyptus dives* *Eucalyptus cephalocarpa* *Epacris impressa* *Monotoca scoparia* *Brachyloma daphnoides* *Daviesia leptophylla*	Broad-leaf Peppermint Mealy Stringybark Common Heath Prickly Broom-heath Daphne Heath Narrow-leaf Bitter-pea	*Xanthorrhoea spp.* *Danella revoluta* *Lomandra filiformis* *Stylidium graminifolium* *Chionochloa pallida* *Hovea linearis*	Grass-trees Black-anther Flax-lily Wattle Mat-lily Grass Trigger-plant Silvertop Wallaby-grass Common Hovea
Dry Sclerophyll Forest	*Eucalyptus macrorhyncha* *Eucalyptus goniocalyx* *Eucalyptus polyanthemos* *Acacia dealbata* *Cassinia aculeata* *Hibbertia obtusifolia*	Red Stringybark Long-leaf Box Red Box Silver Wattle Common Cassinia Grey Guinea-flower	*Poa sieberiana* *Hydrocotyle laxiflora* *Cheilanthes austrotenuifolia* *Senecio quadridentatus* *Danthonia pilosa* *Gonocarpus tetragynus*	Grey Tussock-grass Stinking Pennywort Green Rock Fern Cotton Fireweed Velvet Wallaby-grass Common Raspwort
SUB-ALPINE VEGETATION				
Dry Sub-alpine Shrubland	*Pultenaea muelleri* *Olearia phlogopappa* *Ortites lancifolia* *Helichrysum secundiflorum*	Mueller's Bush-pea Dusty Daisy-bush Alpine Ortites Cascade Everlasting	*Asperula gunnii* *Carex breviculmis* *Calmisia asteliifolia* *Danthonia nudiflora* *Oreomyrrhis eriopoda*	Mountain Woodruff Short-stem Sedge Silver Daisy Alpine Wallaby-grass Australian Carraway
Damp Sub-alpine Heathland	*Astrotricha tymaioides* *Epacris petrophila* *Grevillea australis* *Helichrysum hookeri* *Ortites lancifolia*	Alpine Star-bush Snow Heath Alpine Grevillea Scaly Everlasting Alpine Ortites	*Empodisma minus* *Asperula gunnii* *Poa hiemata* *Podolepis robusta*	Spreading Rope-rush Mountain Woodruff Soft Tussock-grass Alpine Podolepis
Wet Sub-alpine Heathland	*Richea continentis* *Epacris paludosa* *Baeckea gunniana* *Epacris brevifiora* *Olearia algida*	Candle Richea Swamp Heath Alpine Baeckea Drumstick Heath Mountain Daisy-bush	*Astelia alpina* *Sphagnum spp.* *Gentianella diemensis* *Empodisma minus* *Nertera granadensis*	Alpine Astelia Sphagnum Mountain Gentian Spreading Rope-rush Matted Nertera
Sub-alpine Woodland	*Eucalyptus pauciflora* *Pultenaea muelleri* *Oxylobium alpestre* *Tasmannia xerophila* *Trochocarpa clarkei*	Snow Gum Mueller's Bush-pea Alpine Oxylobium Alpine Pepper Lilac Berry	*Stylidium graminifolium* *Oreomyrrhis eriopoda* *Gonocarpus montanus* *Viola hederacea* *Asperula gunnii*	Grass Trigger-plant Australian Carraway Mat Raspwort Ivy-leaf Violet Mountain Woodruff

VEGETATION COMMUNITY	CHARACTERISTIC SPECIES (trees and shrubs) Botanical Name	Common Name	CHARACTERISTIC SPECIES (ferns, herbs, grasses, sedges) Botanical Name	Common Name
HEATHLAND VEGETATION				
Heathy Woodland	*Eucalyptus obliqua* *Eucalyptus radiata* *Eucalyptus cephalocarpa* *Hakea spp.* *Banksia spinulosa* *Leptospermum continentale*	Messmate Narrow-leaf Peppermint Mealy Stringybark Hakeas Hairpin Banksia Prickly Tea-tree	*Stipa muelleri* *Themeda triandra* *Deyeuxia quadriseta* *Gahnia radula* *Gonocarpus tetragynus* *Poa australis* ssp. *agg.*	Wiry Spear-grass Kangaroo Grass Reed Bent-grass Thatch Saw-sedge Common Raspwort Tussock Grass
Wet Heathland	*Eucalyptus cephalocarpa* *Leptospermum continentale* *Melaleuca squarrosa* *Hakea nodosa* *Sprengelia incarnata*	Mealy Stringybark Prickly Tea-tree Scented Paperbark Yellow Hakea Pink Swamp-heath	*Empodisma minus* *Baumea tetragona* *Tetraria capillaris* *Selaginella uliginosa* *Gleichenia dicarpa*	Spreading Rope-rush Square Twig-sedge Hair-sedge Swamp Selaginella Pouched Coral-fern
Swamp Heathland	*Melaleuca squarrosa* *Helichrysum rosmarinifolium*	Scented Paperbark Rosemary Everlasting	*Gahnia sieberiana* *Blechnum minus* *Gleichenia spp.* *Centella cordifolia* *Restio tetraphylus* *Villarsia reniformis*	Red-fruit Saw-sedge Soft Water-fern Coral-ferns Centella Tassel Cord-rush Running Marsh-flower
Sand Heathland	*Leptospermum myrsinoides* *Leptospermum continentale* *Monotoca scoparia* *Epacris impressa* *Banksia marginata* *Acrotriche prostrata*	Silky Tea-tree Prickly Tea-tree Prickly Broom-heath Common Heath Silver Banksia Common Acrotus	*Gahnia radula* *Drosera spp.* *Hypolaena fastigiata* *Cassytha glabella* *Lepidosperma concavum* *Xanthorrhoea spp.*	Thatch Saw-sedge Sundews Tassel Rope-rush Slender Dodder-laurel Sand-hill Sword-sedge Grass-trees
Coastal Heathland	*Leptospermum continentale* *Allocasuarina pusilla* *Allocasuarina paludosa* *Melaleuca squarrosa* *Banksia marginata*	Prickly Tea-tree Dwarf Sheoke Scrub Sheoke Scented Paperbark Silver Banksia	*Gahnia radula* *Schoenus brevifolius* *Gonocarpus teucrioides* *Lepidosperma spp.* *Xanthorrhoea minor*	Thatch Saw-sedge Zig-zag Bog-sedge Germander Raspwort Sword-sedges Small Grass-tree
COASTAL VEGETATION				
Coastal Grassy Forest	*Eucalyptus radiata* *Eucalyptus pryoriana* *Allocasuarina littoralis* *Leptospermum continentale* *Acacia glandulosa*	Narrow-leaf Peppermint Coast Manna Gum Black Sheoke Prickly Tea-tree Hedge Wattle	*Acrotriche serrulata* *Themeda triandra* *Microlaena stipoides* *Gahnia radula* *Pteridium esculentum*	Honey-pots Kangaroo Grass Weeping Grass Thatch Saw-sedge Austral Bracken
Coastal Dune Scrub	*Leptospermum laevigatum* *Leucopogon parviflorus* *Correa alba* *Olearia axillaris* *Acacia sophorae* *Melaleuca lanceolata*	Coast Tea-tree Coast Beard-heath White Correa Coast Daisy-bush Coast Wattle Moonah	*Spinifex sericeus* *Tetragonia implexicoma* *Calife maritima* *Rhagodia candolleana* *Isolepis nodosa* *Lepidosperma gladiatum*	Hairy Spinifex Bower Spinach Beach Rocket Seaberry Saltbush Knobby Club-sedge Coast Sword-sedge
Coastal Banksia Woodland	*Banksia integrifolia* *Eucalyptus pryoriana* *Leptospermum laevigatum* *Acacia sophorae* *Melaleuca ericifolia*	Coast Banksia Coast Manna Gum Coast Tea-tree Coast Wattle Swamp Paperbark	*Clematis microphylla* *Pteridium esculentum* *Rhagodia candolleana* *Lomandra longifolia* *Tetragonia implexicoma*	Small-leaved Clematis Austral Bracken Seaberry Saltbush Spiny-headed Mat-lily Bower Spinach
Coastal Tussock Grassland	*Calocephalus brownii*	Cushion Bush	*Poa poiformis* *Acaena novae-zelandiae* *Isolepis nodosa* *Danella revoluta* *Dichondra repens*	Blue Tussock-grass Bidgee-widgee Knobby Club-sedge Black-anther Flax-lily Kidney-weed
Coastal Saltmarsh	*Avicennia marina* *Sclerostegia arbuscula*	White Mangrove Shrubby Glasswort	*Sarocornia quinqueflora* *Suaeda australis* *Distichlis distichophylla* *Samolus repens* *Triglochin striata*	Beaded Glasswort Austral Seablite Australian Salt-grass Creeping Brookweed Streaked Arrow-grass
Swamp Sedgeland			*Schoenus brevifolius* *Lepidosperma longitudinale*	Zig-zag Bog-sedge Pithy Sword-sedge
Swamp Scrub	*Melaleuca ericifolia* *Acacia verticillata* *Leptospermum continentale*	Swamp Paperbark Prickly Moses Prickly Tea-tree	*Samolus repens* *Disphyma crassifolium* *Selliera radicans* *Lagycrabis muelleri* *Cassytha pubescens*	Creeping Brookweed Rounded Noon-flower Shiny Swamp-mat Common Scale-rush Downy Dodder-laurel
PLAINS VEGETATION				
Box Woodland	*Eucalyptus microcarpa* *Acacia paradoxa*	Grey Box Hedge Wattle	*Danthonia spp.* *Stipa spp.*	Wallaby-grasses Spear-grasses
Plains Grassy Woodland	*Eucalyptus camaldulensis* *Acacia implexa* *Acacia imeansii* *Acacia paradoxa* *Acacia pycnantha*	River Red Gum Lightwood Black Wattle Hedge Wattle Golden Wattle	*Themeda triandra* *Danthonia spp.* *Microlaena stipoides*	Kangaroo Grass Wallaby-grass Weeping Grass
Floodplain Riparian Woodland	*Eucalyptus camaldulensis* *Acacia dealbata* *Hymenanthera dentata* *Callistemon sieberi* *Leptospermum obovatum*	River Red Gum Silver Wattle Tree Violet River Bottlebrush River Tea-tree	*Poa labillardieri* *Isolepis spp.* *Juncus spp.* *Phragmites australis* *Triglochin procera*	Common Tussock-grass Club-sedges Rushes Common Reed Water-ribbons
ALTERED VEGETATION				
Conifer Plantation				
Cleared/Severely Disturbed				

Cartography by Thematic Mapping Unit
Survey & Mapping Victoria

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