

Appendix A - Indigenous Plant Species Inventory

All indigenous plant species and subspecies detected in this study are listed below. Their presence is tabulated according to the habitat types in which they are found: The numbers in the under 'Habitat Types' in the table header correspond to the numbering given in Section 6.4, with the addition of a column headed '15' for areas of mown or slashed grass. An entry 'B' under one of the habitat types indicates a species' presence in the Blind Creek catchment; a 'C' denotes the Corhanwarrabul catchment (including its tributaries), and 'D' denotes the Dandenong Creek catchment.

Species whose names are in bold are recommended for general planting within or near the habitat types where the species have been observed.

The column headed 'No. of Entries' shows how many combinations of catchment and habitat type are known to support the species. This gives a crude guide to how widespread the species are.

The entries in the 'Sig. Level' column refer to the significant species' status as rare or threatened at the following levels: 'N' for National; 'S' for State; 'R' for Regional (corresponding to the region of 'Flora of Melbourne') and 'M' for Municipal (i.e. within Knox).

Wherever possible, scientific and common names of plants in this report follow 'Flora of Victoria' and currently accepted taxonomy of the National Herbarium of Victoria. Where 'Flora of Victoria' has not yet published a common name, we default to Beauglehole (1983) and then to the names used by the Arthur Rylah Institute.

Specimens of most of the unusual plant species found in this study have been collected and will be lodged at the National Herbarium of Victoria as permanent records. Species that are poorly understood by science are discussed below the table.

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types																						
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
<i>Acacia dealbata</i>	Silver Wattle	3							D	BD																
<i>Acacia leprosa</i>	Cinnamon Wattle	3	S						B	B						B										
<i>Acacia mearnsii</i>	Black Wattle	15						BD	BCD	BD	BCD			BC	B	B	B									
<i>Acacia melanoxylon</i>	Blackwood	17						BCD	BCD	BD	BCD			BD		BD	B	D								
<i>Acacia paradoxa</i>	Hedge Wattle	6							C	BD	C			C	B											
<i>Acacia stricta</i>	Hop Wattle	5							CD	B						D	B									
<i>Acacia verticillata</i>	Prickly Moses	10						D	D	BD	CD			B	B	D	D									
<i>Acaena novae-zelandiae</i>	Bidgee-widgee	14					CD	BD	D	BCD	CD			BD										D	B	
<i>Acrotriche serrulata</i>	Honey-pots	3												B		D	D									
<i>Adiantum aethiopicum</i>	Common Maidenhair	3							D							D	D									
<i>Agrostis avenacea</i>	Common Blown Grass	9					CD	BD	D	D	C			BD												
<i>Alisma plantago-aquatica</i>	Water Plantain	8		CD	BCD	BCD					C															
<i>Allocasuarina littoralis</i>	Black Sheoke	2	M					B																B		

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types																					
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15							
<i>Alternanthera denticulata</i>	Lesser Joyweed	7	M			BCD																			
<i>Amyema pendulum</i>	Drooping Mistletoe	7												BD											
<i>Amyema quandang</i>	Grey Mistletoe	6	R											C		CD									
<i>Arthropodium strictum</i>	Chocolate Lily	2																							
<i>Austrofestuca hookeriana</i>	Hooker Fescue	2	R													D									
<i>Azolla pinnata</i>	Ferny Azolla	1	R	D																					
<i>Baumea acuta</i>	Pale Twig-rush	1	R																						
<i>Baumea rubiginosa</i>	Soft Twig-rush	3	R			BD																			
<i>Baumea tetragona</i>	Square Twig-rush	1	R					D																	
<i>Billardiera scandens</i>	Common Apple-berry	6								D											B	B	D		D
<i>Blechnum cartilagineum</i>	Gristle Fern	1	M													D									
<i>Blechnum minus</i>	Soft Water-fern	1	R							D															
<i>Bolboschoenus medianus</i>	Marsh Club-rush	2	R		D	D																			
<i>Bossiaea prostrata</i>	Creeping Bossiaea	2																							
<i>Burchardia umbellata</i>	Milkmaids	3																							
<i>Bursaria spinosa</i>	Sweet Bursaria	13								B	BCD	BD													
<i>Caesia parviflora</i>	Pale Grass-lily	1																							
<i>Calystegia marginata</i>	Forest Bindweed	5	R												CD	D	CD								
<i>Carex appressa</i>	Tall Sedge	12		D	BD								BD	D	BD	CD									
<i>Carex breviculmis</i>	Short-stem Sedge	1																							
<i>Carex fascicularis</i>	Tassel Sedge	4	R			BCD																			
<i>Carex gaudichaudiana</i>	Fen Sedge	5	R		BCD									C											
<i>Carex inversa</i>	Common Sedge	2																							
<i>Cassinia aculeata</i>	Common Cassinia	7													D	CD	D						D	B	B
<i>Cassinia arcuata</i>	Drooping Cassinia	7														BCD	B							B	B
<i>Cassytha melantha</i>	Coarse Dodder-laurel	4																							
<i>Cassytha pubescens</i>	Downy Dodder-laurel	5													B	B	B								
<i>Centella cordifolia</i>	Centella	10				BCD									BD										D
<i>Centipeda minima</i>	Spreading Sneezeweed	1	R			D																			
<i>Centrolepis strigosa</i>	Hairy Centrolepis	1	M																						
<i>Clematis aristata</i>	Mountain Clematis	2																							
<i>Coprosma quadrifida</i>	Prickly Currant-bush	10								BCD	CD	BD												B	D
<i>Crassula helmsii</i>	Swamp Crassula	1	M			D																			

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types																
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<i>Eucalyptus macrorhyncha</i>	Red Stringybark	1																		
<i>Eucalyptus melliodora</i>	Yellow Box	6																		
<i>Eucalyptus obliqua</i>	Messmate	7																		
<i>Eucalyptus ovata</i>	Swamp Gum	16																		
<i>Eucalyptus radiata</i>	Narrow-leaf Peppermint	12																		
<i>Eucalyptus viminalis</i>	Manna Gum	5																		
<i>Eucalyptus ?yarraensis</i>	Yarra Gum	1	N																	
<i>Euchiton involucratus</i>	Star Cudweed	5																		
<i>Exocarpos cupressiformis</i>	Cherry Ballart	14																		
<i>Exocarpos strictus</i>	Pale-fruit Ballart	1	M																	
<i>Gahnia radula</i>	Thatch Saw-sedge	12																		
<i>Gahnia sieberiana</i>	Red-fruit Saw-sedge	2	M																	
<i>Geranium potentilloides</i>	Cinquefoil Cranesbill	1																		
<i>Geranium solanderi</i>	Austral Cranesbill	1	M																	
<i>Glyceria australis</i>	Australian Sweet-grass	1																		
<i>Gonocarpus micranthus</i>	Creeping Raspwort	1	M																	
<i>Gonocarpus tetragynus</i>	Common Raspwort	10																		
<i>Goodenia elongata</i>	Lanky Goodenia	2	R																	
<i>Goodenia humilis</i>	Swamp Goodenia	1	M																	
<i>Goodenia ovata</i>	Hop Goodenia	19																		
<i>Gratiola pubescens</i>	Glandular Brooklime	2	R																	
<i>Gynatrix pulchella</i>	Hemp Bush	10	M																	
<i>Hakea nodosa</i>	Yellow Hakea	2	M																	
<i>Hemarthria uncinata</i>	Mat Grass	4																		
<i>Hibbertia riparia</i>	Erect Guinea-flower	2																		
<i>Histiopteris incisa</i>	Bat's Wing Fern	1	M																	
<i>Hydrocotyle hirta</i>	Hairy Pennywort	1																		
<i>Hypericum gramineum</i>	Small St. John's Wort	3																		
<i>Hypolepis ?rugosula</i>	a ground-fern	1	M																	
<i>Hypoxis hygrometrica</i>	Golden Weather-glass	1	M																	
<i>Imperata cylindrica</i>	Blady Grass	1	M																	
<i>Isoplepis inundata</i>	Swamp Club-rush	10																		
<i>Isoplepis platycarpa</i>	a Club-rush	3																		

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types														
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<i>Juncus amabilis</i>	Hollow Rush	14		D		BCD	BCD	BD	D	BCD	CD							
<i>Juncus australis</i>	Austral Rush	3	R			CD					C							
<i>Juncus bufonius</i>	Toad Rush	3				D		D										
<i>Juncus fockeii</i>	Slender Joint-leaf Rush	2				D												
<i>Juncus gregiflorus</i>	Green Rush	19		BCD	BD	BCD	BCD	BD	C	B								D
<i>Juncus holoschoenus</i>	Joint-leaf Rush	4				CD				B	C							
<i>Juncus pallidus</i>	Pale Rush	13			B	BCD	BCD	B	C	B	C						B	D
<i>Juncus pauciflorus</i>	Loose-flower Rush	4				BC	D			B								
<i>Juncus planifolius</i>	Broad-leaf Rush	3				C	B			B								
<i>Juncus procerus</i>	Tall Rush	6				BCD					B	C						
<i>Juncus sarophorus</i>	Broom Rush	16		C		BCD	BC	BCD	CD	B								D
<i>Juncus subsecundus</i>	Finger Rush	4				CD				B								B
<i>Juncus vaginatus</i>	Clustered Rush	1	R			D												
<i>Kunzea ericoides</i>	Burgan	3								D	B							
<i>Lemna disperma</i>	Common Duckweed	2	M	C	D													
<i>Lepidosperma elatius</i>	Tall Sword-sedge	12				CD		CD	CD	BD	D						B	D
<i>Lepidosperma filiforme</i>	Common Rapier-sedge	1	R														B	
<i>Lepidosperma gunnii</i>	Slender Sword-sedge	4	R							B							B	B
<i>Lepidosperma laterale</i>	Variable Sword-sedge	4						B	B	B								
<i>Leptorhynchos tenuifolius</i>	Wiry Buttons	1								B								
<i>Leptospermum continentale</i>	Prickly Tea-tree	14						CD		BD	BD						B	B
<i>Leptospermum lanigerum</i>	Woolly Tea-tree	2	M														BD	
<i>Lindsaea linearis</i>	Screw Fern	2															B	
<i>Linum marginale</i>	Native Flax	1																D
<i>Lobelia alata</i>	Angled Lobelia	6						CD		D							B	
<i>Lomandra filiformis</i> ssp. <i>coriacea</i>	Wattle Mat-rush	7								BD	B						B	D
<i>L. filiformis</i> ssp. <i>filiformis</i>	Wattle Mat-rush	4															B	B
<i>Lomandra longifolia</i>	Spiny-headed Mat-rush	13						BD	BCD	BD	CD						BD	D
<i>Lycopus australis</i>	Australian Gipsywort	1	R			D												
<i>Lythrum hyssopifolia</i>	Small Loosestrife	5				CD				D							B	
<i>Melaleuca ericifolia</i>	Swamp Paperbark	15				BD		BCD	BCD	BD	CD						BD	D
<i>Microlaena stipoides</i>	Weeping Grass	9						D	D	BD	D						BD	D

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types																
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<i>Microtis parviflora</i>	Slender Onion-orchid	1										B								
<i>Muellera eucalyptoides</i>	Creeping Mistletoe	2	M					D												
<i>Myriophyllum simulans</i>	Amphibious Milfoil	1	R			D														
<i>Olearia argophylla</i>	Musk Daisy-bush	1	M					C												
<i>Olearia lirata</i>	Snow Daisy-bush	3						D	D											
<i>Olearia ramulosa</i>	Twiggy Daisy-bush	1	M																	
<i>Opercularia varia</i>	Variable Stinkweed	1																		
<i>Oxalis perennans</i>	Grassland Wood-sorrel	3																		
<i>Ozothamnus ferrugineus</i>	Tree Everlasting	15				C		CD	CD	BD	BCD									
<i>Pandorea pandorana</i>	Wonga Vine	4																		
<i>Pentapogon quadrifidus</i>	Five-awned Spear-grass	1																		
<i>Persicaria decipiens</i>	Slender Knotweed	12		C	D	BCD														
<i>Persicaria hydropper</i>	Water-pepper	11		BCD		BCD														
<i>Persicaria lapathifolia</i>	Pale Knotweed	6				BD		B	BD	D										
<i>Persicaria praetermissa</i>	Spotted Knotweed	3	R			BD														
<i>Persicaria subsessilis</i>	Hairy Knotweed	6	R	C		BCD														
<i>Phragmites australis</i>	Common Reed	17		C	CD	BCD	C	BCD	CD	BD	CD	D								
<i>Pimelea humilis</i>	Common Rice-flower	1																		
<i>Platylobium formosum</i>	Handsome Flat-pea	2	M									D								
<i>Platylobium obtusangulum</i>	Common Flat-pea	3								B										
<i>Poa ensiformis</i>	Purple-sheathed Tussock-grass	9						D	CD	BD	D	D								
<i>Poa labillardieri</i>	Common Tussock-grass	2	M					B												
<i>Poa morrisii</i>	Velvet Tussock-grass	4							D											
<i>Poa sieberiana</i>	Grey Tussock-grass	3									B									
<i>Poa tenera</i>	Slender Tussock-grass	4									D									
<i>Polyscias sambucifolia</i>	Elderberry Panax	1	M																	
<i>Polystichum proliferum</i>	Mother Shield-fern	1	M																	
<i>Pomaderris aspera</i>	Hazel Pomaderris	7	M																	
<i>Pomaderris racemosa</i>	Cluster Pomaderris	3	M					C	CD	D	CD									
<i>Poranthera microphylla</i>	Small Poranthera	3																		
<i>Potamogeton crispus</i>	Curly Pondweed	5	R																	
<i>Potamogeton ochreateus</i>	Blunt Pondweed	3		BCD	BD															

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types															
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<i>Prostanthera lasianthos</i>	Victorian Christmas-bush	7	M							CD	BD	D				B			
<i>Pteridium esculentum</i>	Austral Bracken	11								CD	BD	D				B			
<i>Pultanea gunnii</i>	Golden Bush-pea	3						BD		CD	BD	D			BD			D	
<i>Ranunculus inundatus</i>	River Buttercup	1	R			D									B				
<i>Rapanea howitiana</i>	Muttonwood	1	M						C										
<i>Rubus parvifolius</i>	Small-leaf Bramble	1							D										
<i>Schoenus apogon</i>	Common Bog-rush	10			C			B	CD	BD				B	B				BD
<i>Schoenus tesquorum</i>	Soft Bog-rush	1	R											B					
<i>Senecio glomeratus</i>	Annual Fireweed	7						BD			D	C		D				D	
<i>Senecio hispidulus</i>	Rough Fireweed	4							D					B				D	
<i>Senecio minimus</i>	Shrubby Fireweed	12			BCD			BCD	CD	BD	C			B					
<i>Senecio quadridentatus</i>	Cotton Fireweed	7			C				C	BCD	C			B					
<i>Solanum laciniatum</i>	Large Kangaroo Apple	4						C		B				B					
<i>Spiranthes sinensis</i>	Ladies' Tresses	1	R			D													
<i>Spirodela punctata</i>	Thin Duckweed	1	S		D														
<i>Spyridium parvifolium</i>	Australian Dusty Miller	1												B					
<i>Stipa pubinodis</i>	a Spear-grass	2													D	B			
<i>Stipa rudis</i>	Veined Spear-grass	13						D	BD	BD	D			BCD		D	B	D	B
<i>Sylidium graminifolium</i>	Grass Trigger-plant	1								B									
<i>Tetrarrhena juncea</i>	Forest Wire-grass	4								BD								D	
<i>Thelonema caespitosum</i>	Tufted Blue-lily	1	M											B					
<i>Thelymitra holmesii</i>	Slender Blue Swamp Sun-orchid	1	R																B
<i>Thelymitra pauciflora</i>	Slender Sun-orchid	3								B						B			B
<i>Themeda triandra</i>	Kangaroo Grass	9								CD	BD			B	B	D	B	D	
<i>Tricoryne elatior</i>	Yellow Rush-lily	1								D									
<i>Triglochin procerum</i> s.s.	Water-ribbons	3	M	B	BD														
<i>Triglochin striatum</i>	Streaked Arrow-grass	5	M		BCD			D						B					
<i>Typha domingensis</i>	Cumbungi	4	M		C	CD								B					
<i>Typha orientalis</i>	Cumbungi	8			CD	BCD	BCD												
<i>Veronica gracilis</i>	Slender Speedwell	1	M																
<i>Villarsia reniformis</i>	Running Marsh-flower	1	R								B			B					
<i>Viminaria juncea</i>	Golden Spray	1	R											B					

Scientific Name	Common Name	No. of entries	Sig. Level	Habitat Types																							
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15									
<i>Viola hederacea</i>	Ivy-leaf Violet	1														B											
<i>Wahlenbergia multicaulis</i>	Tadgell's Bluebell	1	R																			B					
<i>Wolffia australiana</i>	Tiny Duckweed	1	R																								
<i>Xanthorrhoea minor</i>	Small Grass-tree	3															B										
<i>Xanthosia dissecta</i>	Cut-leaf Xanthosia	1																									

Poorly understood species

Acacia leprosa (Dandenong Range variant): Only recently recognised by the National Herbarium, this variant is proposed by botanist David Cameron for listing as rare at the State level.

Dichelachne spp.: *Flora of Victoria* (Walsh & Entwistle, 1994) recognise both *Dichelachne rara* and *D. sieberiana*. The distinguishing characteristics they quote are confounding in the eastern suburbs, with characteristics of both species sometimes seen in individual plants. We have used those characteristics to assign a name to our specimens, but with misgivings that there are scant grounds for recognition of two species.

Juncus holoschoenus: The distinction between *Juncus holoschoenus* and *J. fockei* is obscure. An expert on this group, L.A.S. Johnson, identified some herbarium specimens from the eastern suburbs of Melbourne as the latter species, and some years later changed all of his former identifications to *J. holoschoenus*, despite the fact that his current botanical key indicates otherwise. Regardless, there are two taxa in the study area - one whose capsules are narrowly acute and exceed the sepals by about 1 mm, and the other with obtuse capsules that barely exceed the sepals. By the key in *Flora of Victoria* (Walsh and Entwistle, 1994), the former would be regarded as *J. fockei* and the latter as *J. holoschoenus*. There are also intermediate specimens. For this study, we have recorded names according to the descriptions which best fit each specimen, but with misgivings that there is no disjunction between the taxa.

Lepidosperma: The name *Lepidosperma laterale* is widely applied to a range of forms that vary greatly from one another, particularly in size. Such a broad interpretation of *L. laterale* is unsatisfactory in the field as it fails to account for the apparent ecological variation that suggests more than one taxon is involved. In

addition, the distinction between *L. laterale* and *L. gunnii* at the small-size extreme and between *L. laterale* and *L. elatius* at the large-size extreme is unclear. We have collected specimens which span the full range between these extremes. It is recognised that some botanists may call the largest of our Maroondah specimens *L. laterale* var. *majus* (a name not presently accepted by the National Herbarium of Victoria) even though we use the name *L. elatius*.

Oxalis perennans: Some botanists recognise *O. exilis* as a distinct species from *O. perennans*, but the distinguishing characteristics of both species are often not discernible. We therefore lump these two entities together in a broad concept of *O. perennans*.

Thelymitra pauciflora: There are three distinct taxa in this group in the district, characterised by leaves which are slender, broad or costate (ridged).

Triglochin striatum: Plants with narrow, cylindrical leaves and plants with flat, strap-like leaves are included under this name by current convention. This study detected only the form with flat, strap-like leaves, which Conn and Aston (in Walsh and Entwistle, 1994) state probably constitutes a distinct (as yet unnamed) species.

Typha spp.: The only species of *Typha* recorded with certainty during the study are the indigenous *T. orientalis* and *T. domingensis*. The introduced *T. latifolia* has been identified by another observer (V. Stajsic) from one of Dr Lorimer's collections from within a few kilometres of Knox, but like all specimens examined by us, it shed pollen as single grains, not in the tetrads which are said to be characteristic of *T. latifolia*. The identity of the *Typhas* in this district with near-black female spikes remains uncertain.

Appendix B - Weed Species Inventory

All naturalised plant species detected in this study are listed below. The table should be interpreted the same way as Appendix A.

Scientific Name	Common Name	No. of entries	Habitat Types														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<i>Acacia baileyana</i>	Cootamundra Wattle	1														B	
<i>Acacia decurrens</i>	Early Black Wattle	1														B	
<i>Acacia elata</i>	Cedar Wattle	1															B
<i>Acacia floribunda</i>	White-sallow Wattle	1													B		
<i>Acacia longifolia</i>	Sallow Wattle	9			D	D	D	D	D	D	D	D	D	D	D	D	D
<i>Acacia prominens</i>	Gosford Wattle	1															B
<i>Acer negundo</i>	Box Elder	4							B	B	B				D		
<i>Agapanthus praecox</i>	Agapanthus	1															B
<i>Agrostis capillaris</i>	Brown-top Bent	13					B	B	D	D	BD	BD	B	B	B	B	D
<i>Aira caryophylla</i>	Silvery Hair-grass	1													B		
<i>Allium triquetrum</i>	Angled Onion	6							B	B	B				D	B	
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	12						BD	D	D	BD	BD			BD	D	D
<i>Arbutus unedo</i>	Strawberry Tree	1													B		
<i>Arundo donax</i>	Giant Reed	3								B					B		
<i>Aster subulatus</i>	Aster-weed	10			BD	BD											
<i>Atriplex prostrata</i>	Hastate Orache	3				B		BD									
<i>Briza maxima</i>	Large Quaking-grass	6									D				BD	D	B
<i>Briza minor</i>	Lesser Quaking-grass	1															
<i>Bromus catharticus</i>	Prairie Grass	3															
<i>Bromus diandrus</i>	Great Brome	2									D	D			D		
<i>Callitriche stagnalis</i>	Water Starwort	5	BD	BD	D										B		
<i>Calystegia silvatica</i>	Greater Bindweed	5							B	BD	BD						
<i>Centaurium erythraea</i>	Common Centaury	6						B	D	D	B				B	B	
<i>Chamaecytisus palmensis</i>	Tree Lucerne	1															B
<i>Chrysanthemoides monilifera ssp. monilifera</i>	Bonessced	3									B	D					
<i>Cirsium vulgare</i>	Spear Thistle	10						BD	D	D	BD	D			BD		B
<i>Coryza albida</i>	Fleabane	5						BD	D	D	BD						

Scientific Name	Common Name	No. of entries	Habitat Types														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<i>Coprosma repens</i>	Mirror-bush	5					D							B			
<i>Coprosma robusta</i>	Karamu	2					D	D									
<i>Cordyline australis</i>	NZ Cabbage Tree	2					B										
<i>Cortaderia selloana</i>	Pampas Grass	7			B			BD						B			
<i>Cotoneaster divaricatus</i>	Cotoneaster	2												B			D
<i>Cotoneaster glaucophyllus</i>	Cotoneaster	4												B	B	B	
<i>Cotoneaster pannosus</i>	Cotoneaster	1							D								
<i>Cotula coronopifolia</i>	Water Buttons	4	B	BD													
<i>Crataegus monogyna</i>	Hawthorn	7					D	D	D	BD	D						D
<i>Crepis capillaris</i>	Smooth Hawksbeard	7			D			D	D	D	D			BD			
<i>Crocsmia × crocosmiflora</i>	Montbretia	4			B						B	D					
<i>Cynodon dactylon</i>	Couch	9						BD	D	BD	D			BD			
<i>Cyperus eragrostis</i>	Drain Flat-sedge	10	B	B	BD			BD	D	B				B			
<i>Cyperus tenellus</i>	Tiny Flat-sedge	1					D										
<i>Cytisus scoparius</i>	English Broom	1												B			
<i>Dactylis glomerata</i>	Cocksfoot	11			D			BD	D	BD	D			BD	B	B	
<i>Daucus carota</i>	Carrot	4						BD	B					B			
<i>Delairea odorata</i>	Cape Ivy	2						B							B		
<i>Echinochloa crus-galli</i>	Common Barnyard Grass	4					BD							B			
<i>Egeria densa</i>	Dense Waterweed	2	D	D													
<i>Ehrharta erecta</i>	Panic Veldt Grass	11			D			BD	D	BD	D			BD	B	B	
<i>Erica lusitanica</i>	Spanish Heath	4			D			D		B				B			
<i>Eriobotrya japonica</i>	Loquat	1												D			
<i>Eucalyptus maculata</i>	Spotted Gum	1															B
<i>Festuca arundinacea</i>	Tall Fescue	2												D			
<i>Festuca rubra</i>	Red Fescue	1															
<i>Foeniculum vulgare</i>	Fennel	3						B	D	B							
<i>Fraxinus angustifolia</i>	Desert Ash	6						B	BD	B				D			B
<i>Fumaria officinalis</i>	Fumitory	1								B							
<i>Galium aparine</i>	Cleavers	10			D			BD	D	BD	D			BD			B
<i>Gamochaeta purpurea</i>	Spiked Cudweed	1												B			
<i>Genista linifolia</i>	Genista	1															
<i>Genista monspessulana</i>	Montpellier Broom	5								D	BD			B			

Scientific Name	Common Name	No. of entries	Habitat Types														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<i>Grevillea rosmarinifolia</i>	Rosemary Grevillea	1															
<i>Hedera helix</i>	Ivy	9															
<i>Helminthotheca echioides</i>	Ox-tongue	4															
<i>Holcus lanatus</i>	Yorkshire Fog	12															
<i>Hypericum androsaemum</i>	Tutsan	1															
<i>Hypericum tetrapetrum</i>	Square-stem St John's Wort	6	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
<i>Hypochoeris radicata</i>	Cat's Ear	10															
<i>Ilex aquifolium</i>	Holly	1															
<i>Ipomoea indica</i>	Lear's Morning-glory	1															
<i>Juncus articulatus</i>	Jointed Rush	3		B	D												
<i>Juncus microcephalus</i>	Tiny Rush	2															
<i>Juncus tenuis</i>	Slender Rush	1															
<i>Leontodon taraxacoides</i>	Hairy Hawkbit	4															
<i>Lolium perenne</i>	Perennial Rye-grass	1															
<i>Lonicera japonica</i>	Japanese Honeysuckle	12															
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	1															
<i>Lotus suaveolens</i>	Hairy Bird's-foot Trefoil	6															
<i>Lotus uliginosus</i>	Greater Bird's-foot Trefoil	2															
<i>Malus domestica (hybrid)</i>	Domestic Apple	3															
<i>Mentha spicata</i>	Spearmint	1															
<i>Mentha × ?piperita</i> var. <i>citrata</i>	Eau-de-Cologne Mint	2															
<i>Myriophyllum aquaticum</i>	Parrot's feather	1															
<i>Myrsiphyllum scandens</i>	Asparagus Fern	2															
<i>Oxalis incarnata</i>	Pale Wood-sorrel	1															
<i>Paraserianthes lophantha</i>	Cape Wattle	3															
<i>Parentucellia viscosa</i>	Sticky Bartsia	1															
<i>Paspalum dilatatum</i>	Paspalum	10															
<i>Paspalum distichum</i>	Water Couch	4															
<i>Pennisetum clandestinum</i>	Kikuyu	12															
<i>Persicaria maculosa</i>	Persicaria	4	D														
<i>Phalaris aquatica</i>	Toowoomba Canary-grass	9															
<i>Phalaris arundinacea</i>	Reed Canary-grass	2															

Scientific Name	Common Name	No. of entries	Habitat Types																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			
<i>Pinus radiata</i>	Monterey Pine	8					D		BD										
<i>Pitiosporum undulatum</i>	Sweet Pittosporum	10					BD	D	BD					BD					
<i>Plantago coronopus</i>	Buck's-horn Plantain	3					B		B										
<i>Plantago lanceolata</i>	Ribwort	12			D		BD	BD	BD					B		D			D
<i>Plantago major</i>	Greater Plantain	4		B			D						B						
<i>Prunella vulgaris</i>	Self-heal	7					BD	D	BD	D			B						
<i>Prunus cerasifera</i>	Cherry-plum	12					BD	BD	BD	D			BD		B	B	B	D	D
<i>Psoralea pinnata</i>	Blue Psoralea	1							B										
<i>Quercus robur</i>	English Oak	1							D										
<i>Ranunculus repens</i>	Creeping Buttercup	14		D	BD		BD	BD	BD	D			D		B				D
<i>Raphiolepis ?indica</i>	Raphiolepis	1							B										
<i>Romulea rosea</i>	Common Onion-grass	2											B	B					
<i>Rorippa palustris</i>	Yellow Marsh-cress	2			BD														
<i>Rosa rubiginosa</i>	Sweet Briar	3							D				B		D				
<i>Rubus discolor</i>	Blackberry	17			BD		BD	BD	BD	D			BD	B	BD	B	D		D
<i>Rumex conglomeratus</i>	Clustered Dock	1			D														
<i>Rumex crispus</i>	Curled Dock	11			BD			BD	D	BD	D		BD						
<i>Salix babylonica</i>	Weeping Willow	3	B																
<i>Salix fragilis</i>	Crack Willow	5	D	D	D		D					D		D					
<i>Salix x reichardtii</i>	Pussy Willow	4		D	D							D		D					
<i>Salix x rubens</i>	White Crack Willow	2			D				D										
<i>Salix sp</i>	unidentified Willow	3			BD											B			
<i>Setaria gracilis</i>	Slender Pigeon Grass	1												B					
<i>Sieglingia decumbens</i>	Heath Grass	2								D			B						
<i>Sisyrinchium iridifolium</i>	Striped Rush-leaf	1											B						
<i>Solanum americanum</i>	Glossy Nightshade	2			D			D											
<i>Solanum nigrum</i>	Black Nightshade	6			BD		B	BD	B				B	BD	B				
<i>Solanum pseudocapsicum</i>	Madeira Winter-cherry	3					B	B	B				B						
<i>Soliva heterophylla</i>	Bluebell Creeper	2								B									B
<i>Sonchus asper</i> s.l.	Rough Sow-thistle	1			D														
<i>Sonchus oleraceus</i>	Sow-thistle	4			B			D	D	D									
<i>Taraxacum</i>	Dandelion	1																	
<i>Tradescantia albiflora</i>	Wandering Jew	9			BD		B	BD	B	D			B						B

Scientific Name	Common Name	No. of entries	Habitat Types																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			
<i>Tragopogon porrifolius</i>	Salsify	1																	
<i>Trifolium campestre</i>	Hop Clover	1																	
<i>Trifolium repens</i>	White Clover	5							BD										
<i>Ulex europaeus</i>	Furze	4																	
<i>Verbena bonariensis</i>	Purple-top Verbena	2																	
<i>Viburnum tinus</i>	Laurustinus	2																	
<i>Vinca major</i>	Blue Periwinkle	2																	
<i>Vulpia bromoides</i>	Squirrel-tail Fescue	2																	
<i>Watsonia meriana</i>	Bulbil Watsonia	2																	
<i>Zantedeschia aethiopica</i>	White Arum Lily	4																	

Appendix C - Fauna Species Inventory

Birds

The following list includes all birds seen by the authors within the study area. Introduced species are preceded with an asterisk. A 'U' in the third column indicates that the species is uncommon throughout the Land Conservation Council's Melbourne Study Area District 2 (LCC, 1991).

Ordering follows Christidis and Boles (1994).

Common Name	Scientific Name	Conservation Status
Wood Duck or Maned Goose	<i>Chenonetta jubata</i>	
*Mallard	<i>Anas platyrhynchos</i>	
Pacific Black Duck	<i>Anas superciliosa</i>	
Chestnut Teal	<i>Anas castanea</i>	
Little Pied Cormorant	<i>Phalacrocorax melanoleucos</i>	
Australian Pelican	<i>Pelecanus conspicillatus</i>	
White-faced Heron	<i>Egretta novaehollandiae</i>	
White-necked Heron	<i>Ardea pacifica</i>	U
Great Egret	<i>Ardea alba</i>	
Cattle Egret	<i>Ardea ibis</i>	U
Australian White Ibis	<i>Threskiornis molucca</i>	
Royal Spoonbill	<i>Platalea regia</i>	
Yellow-billed Spoonbill	<i>Platalea flavipes</i>	
Black-shouldered Kite	<i>Elanus axillaris</i>	
Brown Goshawk	<i>Accipiter fasciatus</i>	
Australian Hobby	<i>Falco longipennis</i>	U
Nankeen Kestrel	<i>Falco cenchroides</i>	
Purple Swamphen	<i>Porphyrio porphyrio</i>	
Dusky Moorhen	<i>Gallinula tenebrosa</i>	
Eurasian Coot	<i>Fulica atra</i>	
Latham's Snipe	<i>Gallinago hardwickii</i>	U
Black-fronted Dotterel	<i>Elseyornis melanops</i>	U
Masked Lapwing	<i>Vanellus miles</i>	
*Spotted Turtle-Dove	<i>Streptopelia chinensis</i>	
Yellow-tailed Black-Cockatoo	<i>Calyptorhynchus funereus</i>	
Galah	<i>Cacatua roseicapilla</i>	
Sulphur-crested Cockatoo	<i>Cacatua galerita</i>	
Rainbow Lorikeet	<i>Trichoglossus haematodus</i>	
Little Lorikeet	<i>Glossopsitta pusilla</i>	U
Crimson Rosella	<i>Platycercus elegans</i>	
Eastern Rosella	<i>Platycercus eximius</i>	
Tawny Frogmouth	<i>Podargus strigoides</i>	
Laughing Kookaburra	<i>Dacelo novaeguineae</i>	
Sacred Kingfisher	<i>Todiramphus sanctus</i>	
White-throated Treecreeper	<i>Cormobates leucophaeus</i>	
Superb Fairy-wren	<i>Malurus cyaneus</i>	
Spotted Pardalote	<i>Pardalotus punctatus</i>	
White-browed Scrubwren	<i>Sericornis frontalis</i>	
Brown Thornbill	<i>Acanthiza pusilla</i>	
Striated Thornbill	<i>Acanthiza lineata</i>	
Red Wattlebird	<i>Anthochaera carunculata</i>	
Little Wattlebird	<i>Anthochaera chrysoptera</i>	
Bell Miner	<i>Manorina melanophrys</i>	
Noisy Miner	<i>Manorina melanocephala</i>	
White-plumed Honeyeater	<i>Lichenostomus penicillatus</i>	
New Holland Honeyeater	<i>Phylidonyris novaehollandiae</i>	
Eastern Spinebill	<i>Acanthorhynchus tenuirostris</i>	
Scarlet Robin	<i>Petroica multicolor</i>	

Common Name	Scientific Name	Conservation Status
Flame Robin	<i>Petroica phoenicea</i>	
Eastern Yellow Robin	<i>Eopsaltria australis</i>	
Crested Shrike-tit	<i>Falcunculus frontatus</i>	
Grey Shrike-thrush	<i>Colluricincla harmonica</i>	
Magpie-lark	<i>Grallina cyanoleuca</i>	
Grey Fantail	<i>Rhipidura fuliginosa</i>	
Willie Wagtail	<i>Rhipidura leucophrys</i>	
Black-faced Cuckoo-shrike	<i>Coracina novaehollandiae</i>	
Olive-backed Oriole	<i>Oriolus sagittatus</i>	
Dusky Woodswallow	<i>Artamus cyanopterus</i>	
Grey Butcherbird	<i>Cracticus torquatus</i>	
Australian Magpie	<i>Gymnorhina tibicen</i>	
Pied Currawong	<i>Strepera graculina</i>	
Little Raven	<i>Corvus mellori</i>	
*House Sparrow	<i>Passer domesticus</i>	
Red-browed Finch	<i>Neochmia temporalis</i>	
*European Goldfinch	<i>Carduelis carduelis</i>	
Mistletoebird	<i>Dicaeum hirundinaceum</i>	
Welcome Swallow	<i>Hirundo neoxena</i>	
Clamorous Reed Warbler	<i>Acrocephalus stentoreus</i>	U
Golden-headed Cisticola	<i>Cisticola exilis</i>	
Silvereye	<i>Zosterops lateralis</i>	
*Common Blackbird	<i>Turdus merula</i>	
*Common Starling	<i>Sturnus vulgaris</i>	
*Common Myna	<i>Acridotheres tristis</i>	

Mammals

Common Name	Scientific Name
Unidentified bat (not freetail)	
Platypus	<i>Ornithorhynchus anatinus</i>
Red Fox	<i>Canis vulpes</i>

Frogs

Common Name	Scientific Name
Southern Brown Tree Frog	<i>Litoria ewingii</i>
Common Froglet	<i>Crinia signifera</i>
Pobblebonk or Southern Bullfrog	<i>Limnodynastes dumerili</i>
Striped Marsh Frog	<i>Limnodynastes peroni</i>
Spotted Marsh Frog	<i>Limnodynastes tasmaniensis</i>

Appendix D - Vegetation Quadrat Records

This appendix contains records from quadrats that were chosen to be as representative as practicable of each habitat type (excluding aquatic environments and the skeletal Red Gum woodland). Quadrats are ordered according to the habitat types they represent, in the sequence given in Section 4.1. Each species is listed with: (a) its numerical code given by the Flora Information System of the Dept of Natural Resources & Environment; and (b) the percentage cover of each species expressed using the modified Braun-Blanquet scale described in Section 3.3.

Habitat Type: 3. Seasonal wetland.

Victorian Quadrat Number: N04061. Date: 11/6/97. Recorder: J.C. Reid.

Location description: Manson Reserve, Wantirna - northern section of wetland.

AMG coordinates: Grid 55, Easting 344370 m, Northing 5810235 m. Elevation 83 m amsl.

Quadrat Area: 400 m².

Sp. Number	Cover		Sp. Number	Cover	
57	+	<i>Acacia melanoxyton</i>	2147	+	<i>Melaleuca ericifolia</i>
5097	2	<i>Alternanthera denticulata</i>	2386	+	<i>Oxalis perennans</i>
236	+	<i>Anthoxanthum odoratum</i>	2431	2	<i>Paspalum distichum</i>
623	+	<i>Carex appressa</i>	3919	2	<i>Persicaria decipiens</i>
638	2	<i>Carex fascicularis</i>	3938	2	<i>Persicaria praetermissa</i>
782	+	<i>Cirsium vulgare</i>	2637	2	<i>Persicaria subsessilis</i>
1402	1	<i>Galium aparine</i>	2906	+	<i>Ranunculus repens</i>
1451	2	<i>Glyceria australis</i>	2949	2	<i>Rorippa palustris</i>
1692	1	<i>Holcus lanatus</i>	2970	+	<i>Rumex crispus</i>
1748	+	<i>Hypochoeris radicata</i>	3179	+	<i>Solanum laciniatum</i>
1820	+	<i>Juncus gregiflorus</i>	3183	1	<i>Solanum nigrum</i>
4701	1	<i>Lepidosperma laterale</i> var. <i>majus</i>	3204	+	<i>Sonchus oleraceus</i>

Habitat Type: 3. Seasonal wetland.

Victorian Quadrat Number: N04062. Date: 5/6/97. Recorder: J.C. Reid.

Location description: Drain, 50-100 m east of Karoo Rd, Rowville.

AMG coordinates: Grid 55, Easting 346375 m, Northing 5802625 m. Elevation 62 m amsl.

Quadrat Area: 500 m².

Sp. Number	Cover		Sp. Number	Cover	
174	2	<i>Alisma plantago-aquatica</i>	1895	+	<i>Leontodon taraxacoides</i>
297	+	<i>Aster subulatus</i>	2430	1	<i>Paspalum dilatatum</i>
639	3	<i>Carex gaudichaudiana</i>	3919	2	<i>Persicaria decipiens</i>
918	+	<i>Cyperus eragrostis</i>	2561	1	<i>Plantago lanceolata</i>
1139	2	<i>Eleocharis acuta</i>	2959	+	<i>Rubus discolor</i>
2511	+	<i>Helminthotheca echioides</i>	2970	+	<i>Rumex crispus</i>
1692	+	<i>Holcus lanatus</i>	3203	+	<i>Sonchus asper</i> s.l.
1841	3	<i>Juncus sarophorus</i>	3204	+	<i>Sonchus oleraceus</i>

Habitat Type: 4. Phragmites wet grassland.

Victorian Quadrat Number: N04063. Date: 12/6/97. Recorder: J.C. Reid.

Location description: Corhanwarrabul Ck, Knoxfield: Immediately east of the model aircraft club.

AMG coordinates: Grid 55, Easting 345080 m, Northing 5803160 m. Elevation 58 m amsl.

Quadrat Area: 600 m².

Sp. Number	Cover		Sp. Number	Cover	
105	1	<i>Acæna novæ-zelandiæ</i>	1692	1	<i>Holcus lanatus</i>
623	+	<i>Carex appressa</i>	1820	+	<i>Juncus gregiflorus</i>
782	1	<i>Cirsium vulgare</i>	2430	+	<i>Paspalum dilatatum</i>
918	1	<i>Cyperus eragrostis</i>	2497	4	<i>Phragmites australis</i>
1402	1	<i>Galium aparine</i>	2906	+	<i>Ranunculus repens</i>
2511	1	<i>Helminthotheca echioides</i>	2959	4	<i>Rubus discolor</i>

Habitat Type: 5. Swamp scrub.

Victorian Quadrat Number: N04064. Date: 31/5/97. Recorder: J.C. Reid.

Location description: Liverpool Rd Retarding Basin.

AMG coordinates: Grid 55, Easting 351300 m, Northing 5809750m. Elevation 133 m amsl.

Quadrat Area: 600 m².

Sp. Number	Cover		Sp. Number	Cover	
53	+	<i>Acacia longifolia</i>	1956	+	<i>Leptospermum continentale</i>
100	+	<i>Acacia verticillata</i>	2024	+	<i>Lobelia alata</i>
105	+	<i>Acæna novæ-zelandiæ</i>	2046	+	<i>Lomandra longifolia</i>
179	+	<i>Allium triquetrum</i>	2147	4	<i>Melaleuca ericifolia</i>
623	1	<i>Carex appressa</i>	276	+	<i>Myrsiphyllum scandens</i>
639	+	<i>Carex gaudichaudiana</i>	2476	+	<i>Phalaris aquatica</i>
823	+	<i>Coprosma repens</i>	2539	+	<i>Pinus radiata</i>
1307	+	<i>Eucalyptus ovata</i>	2543	+	<i>Pittosporum undulatum</i>
1402	1	<i>Galium aparine</i>	2561	+	<i>Plantago lanceolata</i>
1507	3	<i>Goodenia ovata</i>	2959	2	<i>Rubus discolor</i>
1692	1	<i>Holcus lanatus</i>	3119	+	<i>Senecio minimus</i>
1830	+	<i>Juncus pallidus</i>	3183	+	<i>Solanum nigrum</i>

Habitat Type: 7. Swamp Gum forest.

Victorian Quadrat Number: N04066. Date: 5/6/97. Recorder: J.C. Reid.

Location description: Liverpool Rd Retarding Basin.

AMG coordinates: Grid 55, Easting 351280 m, Northing 5809750 m. Elevation 134 m amsl.

Quadrat Area: 400 m².

Sp. Number	Cover		Sp. Number	Cover	
53	+	<i>Acacia longifolia</i>	1748	+	<i>Hypochoeris radicata</i>
57	1	<i>Acacia melanoxydon</i>	1956	+	<i>Leptospermum continentale</i>
100	+	<i>Acacia verticillata</i>	2046	2	<i>Lomandra longifolia</i>
179	+	<i>Allium triquetrum</i>	2147	4	<i>Melaleuca ericifolia</i>
236	1	<i>Anthoxanthum odoratum</i>	276	2	<i>Myrsiphyllum scandens</i>
822	+	<i>Coprosma quadrifida</i>	1616	+	<i>Ozothamnus ferrugineus</i>
1128	1	<i>Ehrharta erecta</i>	2399	+	<i>Pandorea pandorana</i>
1307	2	<i>Eucalyptus ovata</i>	2543	1	<i>Pittosporum undulatum</i>
1402	+	<i>Galium aparine</i>	2777	2	<i>Pteridium esculentum</i>
1489	+	<i>Gonocarpus tetragynus</i>	2959	1	<i>Rubus discolor</i>
1507	1	<i>Goodenia ovata</i>	3119	+	<i>Senecio minimus</i>
1692	2	<i>Holcus lanatus</i>	3251	+	<i>Stellaria media</i>

Habitat Type: 8. Wattle scrub.

Victorian Quadrat Number: N04067. Date: 5/6/97. Recorder: J.C. Reid.

Location description: north-west bank of Ferny Ck, ENE of access way from Bryden Dr, Ferntree Gully.

AMG coordinates: Grid 55, Easting 347625 m, Northing 5803790 m. Elevation 72 m amsl.

Quadrat Area: 500 m².

Sp. Number	Cover		Sp. Number	Cover	
57	5	<i>Acacia melanoxydon</i>	2497	2	<i>Phragmites australis</i>
179	+	<i>Allium triquetrum</i>	2906	+	<i>Ranunculus repens</i>
3579	+	<i>Amyema quandang</i>	2917	+	<i>Raphanus raphanistrum</i>
948	1	<i>Dactylis glomerata</i>	2970	+	<i>Rumex crispus</i>
1128	1	<i>Ehrharta erecta</i>	9018	1	<i>Salix</i> sp.
4301	+	<i>Fraxinus angustifolia</i>	9018	2	<i>Salix</i> sp.
1402	+	<i>Galium aparine</i>	3416	5	<i>Tradescantia albiflora</i>
2476	1	<i>Phalaris aquatica</i>			

Habitat Type: 6. Riparian forest.

Victorian Quadrat Number: N04065. Date: 14/1/97. Recorders: J.C.Reid, H.Moss and T.Glayde.

Location description: Manson Reserve, Wantirna - east of the wetland.

AMG coordinates: Grid 55, Easting 344460 m, Northing 5810260 m. Elevation 84 m amsl.

Quadrat Area: 900 m².

Sp. Number	Cover		Sp. Number	Cover	
25	+	<i>Acacia dealbata</i>	1489	+	<i>Gonocarpus tetragynus</i>
57	+	<i>Acacia melanoxylon</i>	1507	2	<i>Goodenia ovata</i>
91	+	<i>Acacia stricta</i>	1599	+	<i>Hedera helix</i>
105	+	<i>Acæna novæ-zelandiæ</i>	1748	+	<i>Hypochoeris radicata</i>
153	+	<i>Agrostis capillaris</i>	1856	+	<i>Kunzea ericoides</i>
236	2	<i>Anthoxanthum odoratum</i>	4701	2	<i>Lepidosperma laterale</i> var. <i>majus</i>
403	+	<i>Billardiera scandens</i>	2042	+	<i>Lomandra filiformis</i>
496	+	<i>Briza minor</i>	2046	+	<i>Lomandra longifolia</i>
515	2	<i>Bursaria spinosa</i>	2147	2	<i>Melaleuca ericifolia</i>
666	+	<i>Cassinia aculeata</i>	2179	1	<i>Microlaena stipoides</i> var. <i>stipoides</i>
667	+	<i>Cassinia arcuata</i>	2312	+	<i>Olearia lirata</i>
702	+	<i>Centaurium erythraea</i>	2543	+	<i>Pittosporum undulatum</i>
4359	+	<i>Chrysanthemoides monilifera</i> subsp. <i>monilifera</i>	2561	+	<i>Plantago lanceolata</i>
822	+	<i>Coprosma quadrifida</i>	2602	+	<i>Poa morrisii</i>
4140	+	<i>Cotoneaster glaucophyllus</i>	2683	+	<i>Poranthera microphylla</i>
4379	1	<i>Danthonia setacea</i> var. <i>setacea</i>	4845	1	<i>Prostanthera lasianthos</i> var. <i>lasian.</i>
1023	+	<i>Deyeuxia quadriseta</i>	2777	2	<i>Pteridium esculentum</i>
1028	+	<i>Dianella longifolia</i>	2959	+	<i>Rubus discolor</i>
4413	+	<i>Dianella revoluta</i>	3039	+	<i>Schoenus apogon</i>
1128	1	<i>Ehrharta erecta</i>	3204	+	<i>Sonchus oleraceus</i>
1307	+	<i>Eucalyptus ovata</i>	3289	2	<i>Stipa rudis</i>
3828	1	<i>Eucalyptus radiata</i>	9122	+	<i>Taraxacum</i> sp.
4463	2	<i>Eucalyptus viminalis</i> subsp. <i>viminalis</i>	3421	+	<i>Tricoryne elatior</i>
1350	2	<i>Exocarpos cupressiformis</i>	3562	+	<i>Watsonia meriana</i>

Habitat Type: 10: Silver-leaved Stringybark and Swamp Gum forest.

Victorian Quadrat Number: N04068. Date: 18/03/97. Recorders: G.S. Lorimer & J.C. Reid.

Location description: NW corner of fenced area at Blind Creek Billabong, Ferntree Gully.

AMG coordinates: Grid 55, Easting 348070 m, Northing 5807170 m. Elevation 90 m amsl.

Quadrat Area: 900 m².

Sp. Number	Cover		Sp. Number	Cover	
56	1	<i>Acacia mearnsii</i>	1507	1	<i>Goodenia ovata</i>
57	2	<i>Acacia melanoxylon</i>	4196	+	<i>Hemarthria uncinata</i>
100	+	<i>Acacia verticillata</i>	1692	+	<i>Holcus lanatus</i>
105	+	<i>Acæna novæ-zelandiæ</i>	1741	+	<i>Hypericum gramineum</i>
123	+	<i>Acrotriche serrulata</i>	1748	1	<i>Hypochoeris radicata</i>
153	1	<i>Agrostis capillaris</i>	1760	+	<i>Imperata cylindrica</i>
2851	+	<i>Amyema pendulum</i>	1779	+	<i>Isolepis inundata</i>
236	2	<i>Anthoxanthum odoratum</i>	1806	+	<i>Juncus articulatus</i>
253	+	<i>Arbutus unedo</i>	1833	1	<i>Juncus planifolius</i>
297	+	<i>Aster subulatus</i>	1895	+	<i>Leontodon taraxacoides</i>
373	+	<i>Baumea acuta</i>	1956	2	<i>Leptospermum continentale</i>
403	+	<i>Billardiera scandens</i>	2014	1	<i>Lindsaea linearis</i>
495	+	<i>Briza maxima</i>	2024	+	<i>Lobelia alata</i>
496	+	<i>Briza minor</i>	2046	+	<i>Lomandra longifolia</i>
512	1	<i>Burchardia umbellata</i>	2060	+	<i>Lotus suaveolens</i>
515	2	<i>Bursaria spinosa</i>	2179	2	<i>Microlaena stipoides</i> var. <i>stipoides</i>
702	+	<i>Centaurium erythraea</i>	2386	+	<i>Oxalis perennans</i>
706	1	<i>Centella cordifolia</i>	1616	1	<i>Ozothamnus ferrugineus</i>
822	+	<i>Coprosma quadrifida</i>	2430	1	<i>Paspalum dilatatum</i>
823	1	<i>Coprosma repens</i>	2543	2	<i>Pittosporum undulatum</i>
967	1	<i>Danthonia laevis</i>	2561	+	<i>Plantago lanceolata</i>
974	1	<i>Danthonia penicillata</i>	2602	+	<i>Poa morrisii</i>
979	1	<i>Danthonia semiannularis</i>	2610	2	<i>Poa tenera</i>
981	+	<i>Danthonia tenuior</i>	4845	1	<i>Prostanthera lasianthos</i> var. <i>lasian.</i>
1023	1	<i>Deyeuxia quadriseta</i>	2757	+	<i>Prunella vulgaris</i>
1028	1	<i>Dianella longifolia</i>	2777	+	<i>Pteridium esculentum</i>
1030	+	<i>Dianella tasmanica</i>	2850	1	<i>Pultenaea gunnii</i>
1102	+	<i>Drosera peltata</i> subsp. <i>auriculata</i>	2959	2	<i>Rubus discolor</i>
1155	1	<i>Empodisma minus</i>	3039	1	<i>Schoenus apogon</i>
4478	+	<i>Epacris impressa</i> var. <i>impressa</i>	3119	+	<i>Senecio minimus</i>
1185	1	<i>Eragrostis brownii</i>	4942	1	<i>Stipa rudis</i> subsp. <i>rudis</i>
1260	2	<i>Eucalyptus cephalocarpa</i>	9122	+	<i>Taraxacum</i> (introduced)
1304	1	<i>Eucalyptus obliqua</i>	3387	1	<i>Themeda triandra</i>
1307	2	<i>Eucalyptus ovata</i>	3449	1	<i>Triglochin striatum</i>
1394	2	<i>Gahnia radula</i>	3521	+	<i>Villarsia reniformis</i>
1489	1	<i>Gonocarpus tetragynus</i>	5058	+	<i>Viola hederacea</i> subsp. <i>hederacea</i>
1496	+	<i>Goodenia elongata</i>	4561	+	<i>Xanthosia dissecta</i> var. <i>dissecta</i>
1503	+	<i>Goodenia humilis</i>			

Habitat Type: 11. Messmate & Silver-leafed Stringybark forest.

Victorian Quadrat Number: N04069. Date: 12/6/97. Recorder: J.C. Reid.

Location description: Approx 75 m along Annette Gv from its southern end, in Annette Grove Reserve, Boronia.

AMG coordinates: Grid 55, Easting 346390 m, Northing 5807550 m. Elevation 85 m amsl.

Quadrat Area: 900 m².

Sp. Number	Cover		Sp. Number	Cover	
56	+	<i>Acacia mearnsii</i>	1748	2	<i>Hypochoeris radicata</i>
151	2	<i>Agrostis avenacea</i>	4699	+	<i>Lepidosperma gunnii</i>
236	2	<i>Anthoxanthum odoratum</i>	1956	+	<i>Leptospermum continentale</i>
403	+	<i>Billardiera scandens</i>	2046	+	<i>Lomandra longifolia</i>
515	1	<i>Bursaria spinosa</i>	2341	1	<i>Opercularia ovata</i>
973	1	<i>Chionochloa pallida</i>	2386	1	<i>Oxalis perennans</i>
1050	+	<i>Dillwynia cinerascens</i>	2561	1	<i>Plantago lanceolata</i>
1110	1	<i>Drosera whittakeri</i>	2568	1	<i>Platylobium formosum</i>
4478	+	<i>Epacris impressa</i> var. <i>impressa</i>	2602	2	<i>Poa morrisii</i>
1260	3	<i>Eucalyptus cephalocarpa</i>	2683	+	<i>Poranthera microphylla</i>
1304	2	<i>Eucalyptus obliqua</i>	2757	+	<i>Prunella vulgaris</i>
3828	1	<i>Eucalyptus radiata</i>	2850	+	<i>Pultenaea gunnii</i>
1489	1	<i>Gonocarpus tetragynus</i>	2959	+	<i>Rubus discolor</i>
1504	+	<i>Goodenia lanata</i>	3289	1	<i>Stipa rudis</i>
1741	+	<i>Hypericum gramineum</i>	9122	+	<i>Taraxacum</i> sp.
1748	2	<i>Hypochoeris radicata</i>	5058	+	<i>Viola hederacea</i> subsp. <i>hederacea</i>

Habitat Type: 12. Bundy-Messmate-Peppermint forest (but atypical in having lost Messmate).

Victorian Quadrat Number: N04070. Date: 1/6/97. Recorder: J.C. Reid.

Location description: Liverpool Road Retarding Basin, The Basin: on the slope at boundary with Salvation Army land.

AMG coordinates: Grid 55, Easting 351210 m, Northing 5809945 m. Elevation 140 m amsl.

Quadrat Area: 900 m².

Sp. Number	Cover		Sp. Number	Cover	
57	1	<i>Acacia melanoxylon</i>	2042	+	<i>Lomandra filiformis</i>
91	1	<i>Acacia stricta</i>	2344	1	<i>Opercularia varia</i>
129	1	<i>Adiantum aethiopicum</i>	2386	+	<i>Oxalis perennans</i>
236	+	<i>Anthoxanthum odoratum</i>	2399	+	<i>Pandorea pandorana</i>
495	1	<i>Briza maxima</i>	2523	1	<i>Pimelea humilis</i>
515	4	<i>Bursaria spinosa</i>	2543	+	<i>Pittosporum undulatum</i>
1036	1	<i>Dichondra repens</i>	2561	+	<i>Plantago lanceolata</i>
3732	3	<i>Eucalyptus goniocalyx</i>	2568	+	<i>Platylobium formosum</i>
1350	+	<i>Exocarpos cupressiformis</i>	2959	1	<i>Rubus discolor</i>
1455	+	<i>Glycine clandestina</i>	4942	1	<i>Stipa rudis</i> subsp. <i>rudis</i>
1504	+	<i>Goodenia lanata</i>	3387	5	<i>Themeda triandra</i>
1748	+	<i>Hypochoeris radicata</i>			

Habitat Type: 13. Yellow Box & Bundy forest.

Victorian Quadrat Number: N04071. Date: 12/6/97. Recorder: J.C. Reid.

Location description: North-western section of the BMX track area, Wadhurst Dr, Boronia.

AMG coordinates: Grid 55, Easting 346240 m, Northing 5807150 m. Elevation 79 m amsl.

Quadrat Area: 400 m².

Sp. Number	Cover		Sp. Number	Cover	
106	+	<i>Acæna echinata</i>	8474	+	<i>Geranium</i> sp.
153	2	<i>Agrostis capillaris</i>	1489	1	<i>Gonocarpus tetragynus</i>
440	+	<i>Bossiaea prostrata</i>	1692	1	<i>Holcus lanatus</i>
495	2	<i>Briza maxima</i>	1748	1	<i>Hypochoeris radicata</i>
515	1	<i>Bursaria spinosa</i>	1956	1	<i>Leptospermum continentale</i>
667	1	<i>Cassinia arcuata</i>	2042	2	<i>Lomandra filiformis</i>
973	1	<i>Chionochloa pallida</i>	2179	1	<i>Microlaena stipoides</i> var. <i>stipoides</i>
948	2	<i>Dactylis glomerata</i>	2386	+	<i>Oxalis perennans</i>
4379	1	<i>Danthonia setacea</i> var. <i>setacea</i>	2476	1	<i>Phalaris aquatica</i>
4413	1	<i>Dianella revoluta</i>	2561	1	<i>Plantago lanceolata</i>
1128	1	<i>Ehrharta erecta</i>	2602	2	<i>Poa morrisii</i>
3732	3	<i>Eucalyptus goniocalyx</i>	4835	1	<i>Poa sieberiana</i> var. <i>sieberiana</i>
1297	2	<i>Eucalyptus melliodora</i>	2942	2	<i>Romulea rosea</i> var. <i>australis</i>
3828	+	<i>Eucalyptus radiata</i>	2959	1	<i>Rubus discolor</i>
1350	+	<i>Exocarpos cupressiformis</i>	4942	+	<i>Stipa rudis</i> subsp. <i>rudis</i>
1402	1	<i>Galium aparine</i>	3387	1	<i>Themeda triandra</i>

Habitat Type: 14. Messmate damp forest.

Victorian Quadrat Number: N04072. Date: 4/6/97. Recorder: J.C. Reid.

Location description: Liverpool Road Retarding Basin, The Basin.

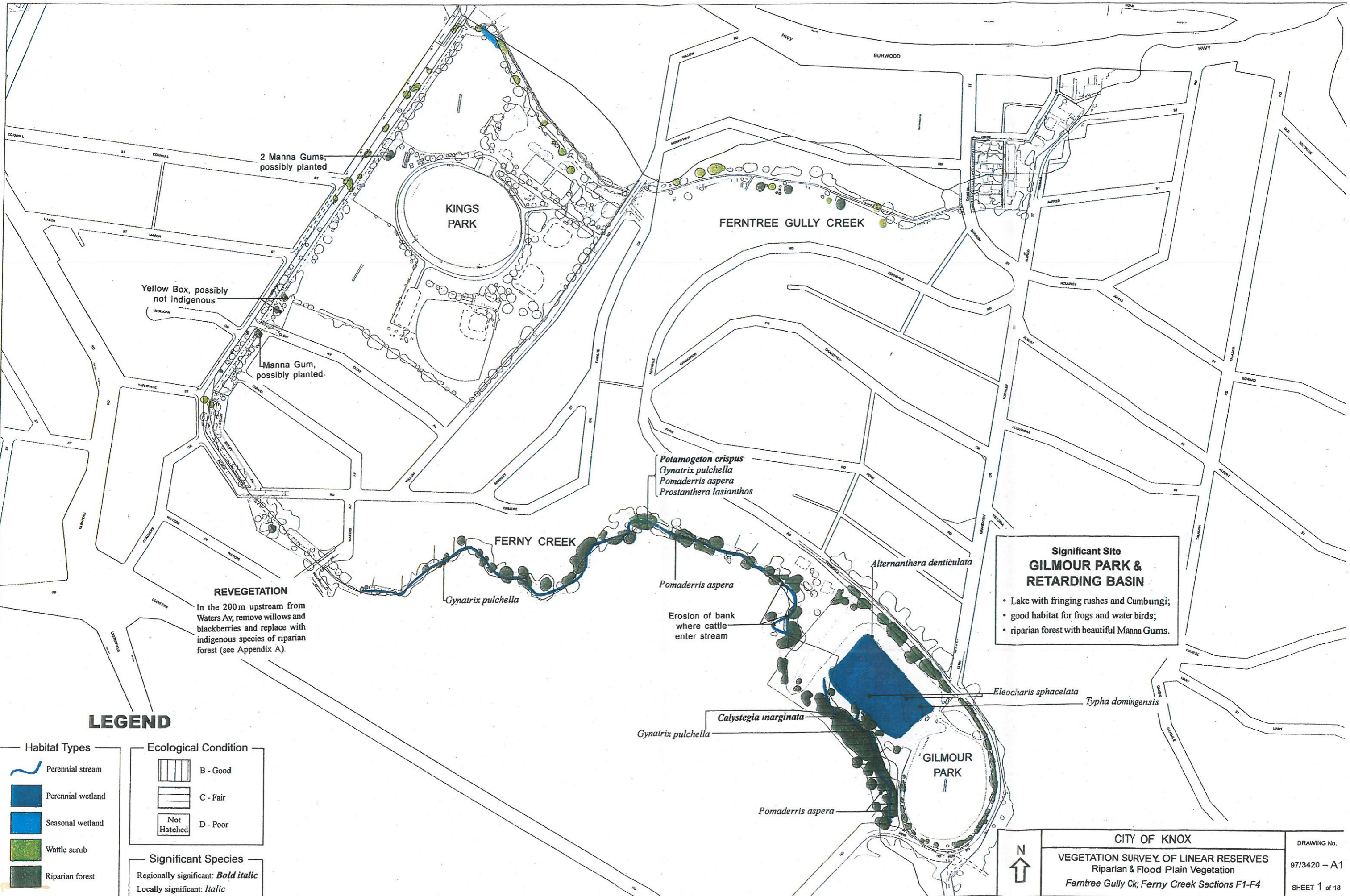
AMG coordinates: Grid 55, Easting 351245 m, Northing 5809775 m. Elevation 140 m amsl.

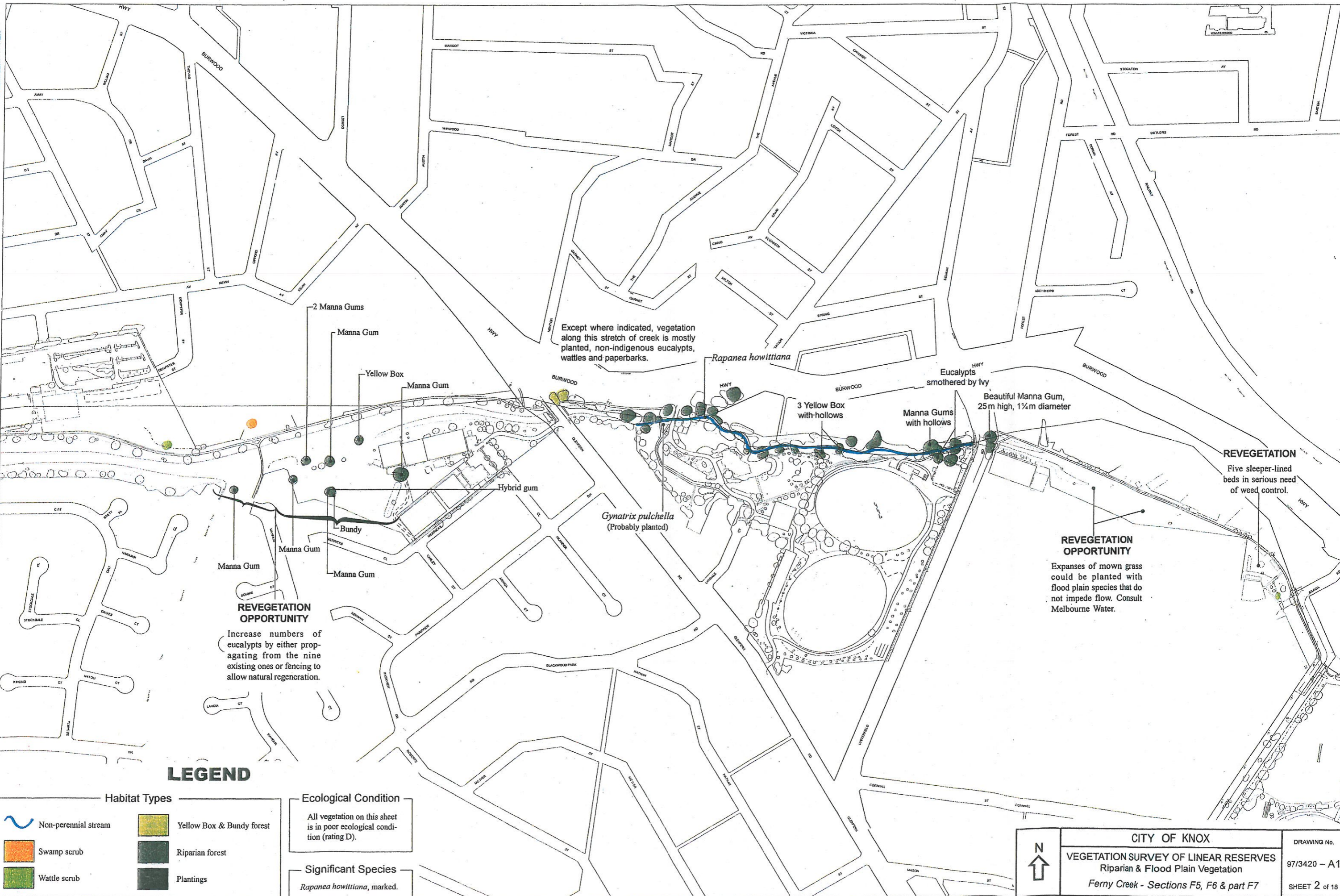
Quadrat Area: 500 m².

Sp. Number	Cover		Sp. Number	Cover	
57	2	<i>Acacia melanoxylon</i>	1489	+	<i>Gonocarpus tetragynus</i>
100	1	<i>Acacia verticillata</i>	1507	1	<i>Goodenia ovata</i>
123	+	<i>Acrotriche serrulata</i>	1748	+	<i>Hypochoeris radicata</i>
129	+	<i>Adiantum aethiopicum</i>	1956	+	<i>Leptospermum continentale</i>
153	+	<i>Agrostis capillaris</i>	2014	+	<i>Lindsaea linearis</i>
236	1	<i>Anthoxanthum odoratum</i>	2147	2	<i>Melaleuca ericifolia</i>
1360	+	<i>Austrofestuca hookeriana</i>	2341	+	<i>Opercularia ovata</i>
403	+	<i>Billardiera scandens</i>	2344	+	<i>Opercularia varia</i>
515	2	<i>Bursaria spinosa</i>	2386	+	<i>Oxalis perennans</i>
666	1	<i>Cassinia aculeata</i>	1616	1	<i>Ozothamnus ferrugineus</i>
973	1	<i>Chionochloa pallida</i>	2399	+	<i>Pandorea pandorana</i>
822	+	<i>Coprosma quadrifida</i>	2543	+	<i>Pittosporum undulatum</i>
1023	+	<i>Deyeuxia quadriseta</i>	2610	1	<i>Poa tenera</i>
1304	3	<i>Eucalyptus obliqua</i>	2777	2	<i>Pteridium esculentum</i>
1307	2	<i>Eucalyptus ovata</i>	2850	+	<i>Pultenaea gunnii</i>
3828	+	<i>Eucalyptus radiata</i>	2959	+	<i>Rubus discolor</i>
1350	+	<i>Exocarpos cupressiformis</i>	4942	1	<i>Stipa rudis</i> subsp. <i>rudis</i>
1394	2	<i>Gahnia radula</i>	3348	4	<i>Tetrarrhena juncea</i>
1402	+	<i>Galium aparine</i>	5058	+	<i>Viola hederacea</i> subsp. <i>hederacea</i>

Appendix E - Example Brochures

These brochures are included to provide ideas for fostering community appreciation of waterway reserves and their management.





REVEGETATION OPPORTUNITY
 Increase numbers of eucalypts by either propagating from the nine existing ones or fencing to allow natural regeneration.

REVEGETATION OPPORTUNITY
 Expanses of mown grass could be planted with flood plain species that do not impede flow. Consult Melbourne Water.

REVEGETATION
 Five sleeper-lined beds in serious need of weed control.

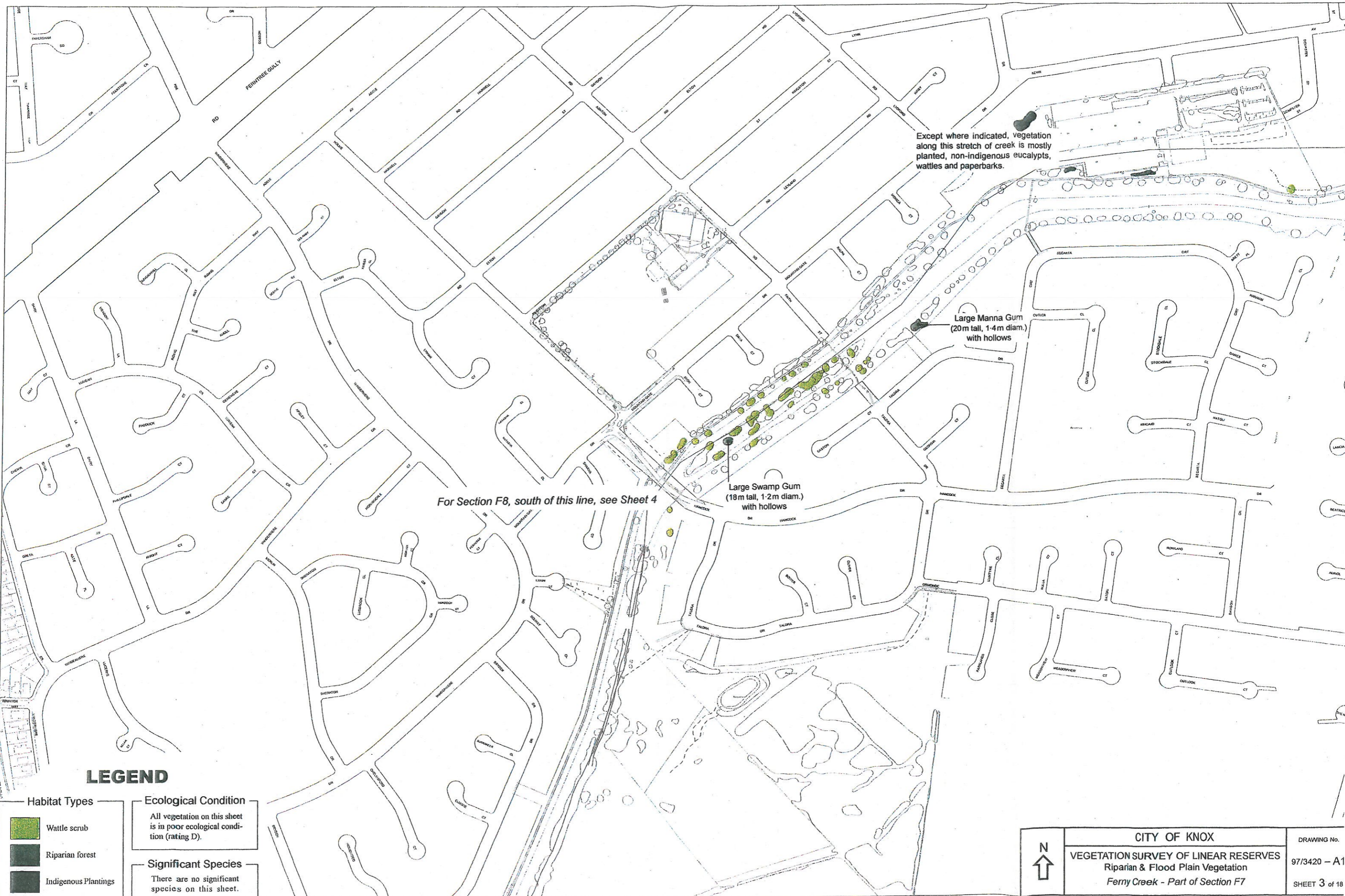
LEGEND

Habitat Types	
	Non-perennial stream
	Swamp scrub
	Wattle scrub
	Yellow Box & Bundy forest
	Riparian forest
	Plantings

Ecological Condition
 All vegetation on this sheet is in poor ecological condition (rating D).

Significant Species
Rapanea howittiana, marked.

	CITY OF KNOX	DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES Riparian & Flood Plain Vegetation	97/3420 - A1
	Ferry Creek - Sections F5, F6 & part F7	SHEET 2 of 18






Except where indicated, vegetation along this stretch of creek is mostly planted, non-indigenous eucalypts, wattles and paperbarks.


Large Manna Gum
(20m tall, 1.4m diam.)
with hollows

Large Swamp Gum
(18m tall, 1.2m diam.)
with hollows

For Section F8, south of this line, see Sheet 4

LEGEND

Habitat Types		Ecological Condition	
	Wattle scrub	All vegetation on this sheet is in poor ecological condition (rating D).	
	Riparian forest	Significant Species	
	Indigenous Plantings	There are no significant species on this sheet.	

	CITY OF KNOX		DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES		97/3420 - A1
	Riparian & Flood Plain Vegetation Ferry Creek - Part of Section F7		SHEET 3 of 18

LEGEND

Habitat Types

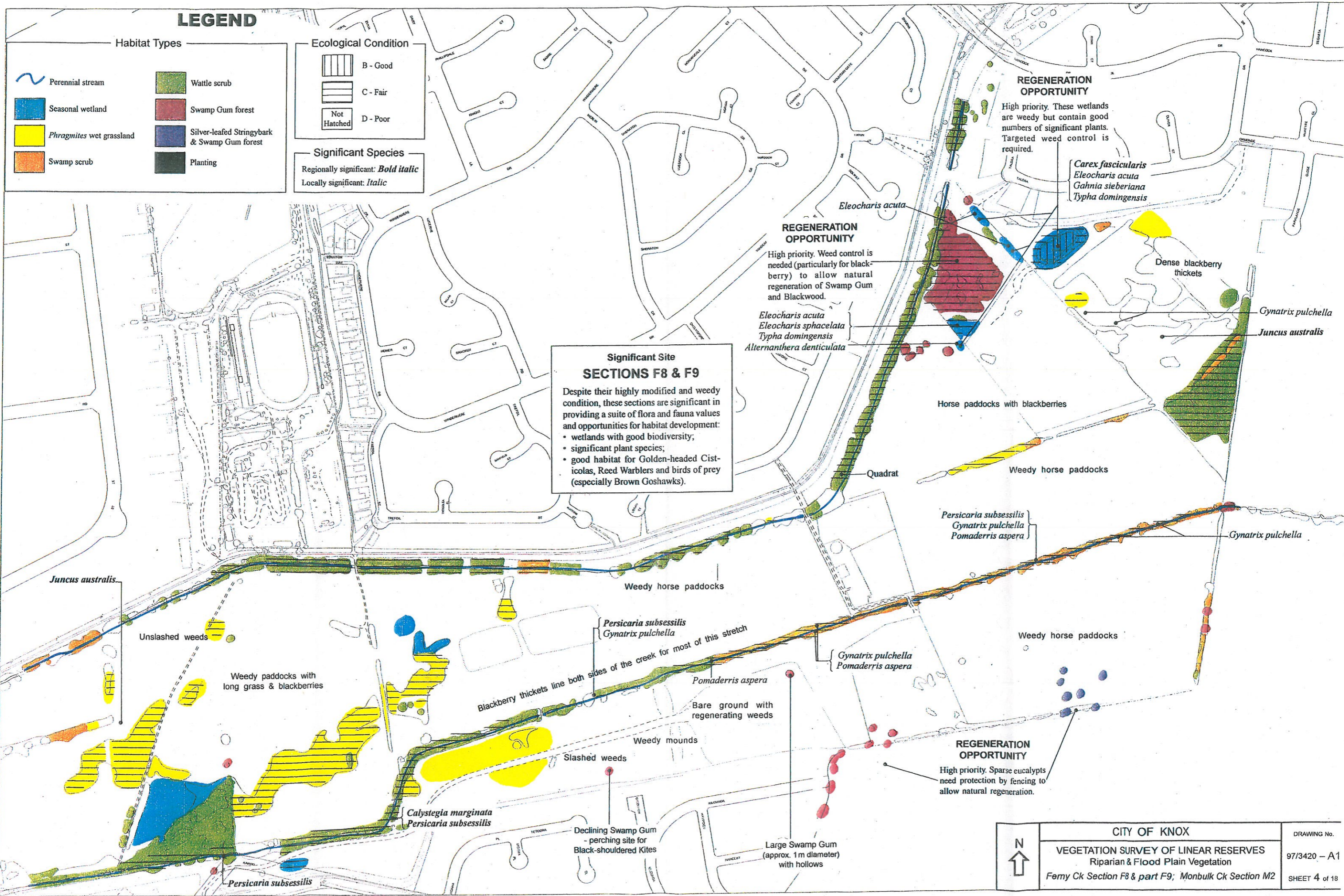
- Perennial stream
- Seasonal wetland
- Phragmites* wet grassland
- Swamp scrub
- Wattle scrub
- Swamp Gum forest
- Silver-leaved Stringybark & Swamp Gum forest
- Planting

Ecological Condition

- B - Good
- C - Fair
- Not Hatched
- D - Poor

Significant Species

Regionally significant: ***Bold italic***
 Locally significant: *Italic*



**Significant Site
SECTIONS F8 & F9**

Despite their highly modified and weedy condition, these sections are significant in providing a suite of flora and fauna values and opportunities for habitat development:

- wetlands with good biodiversity;
- significant plant species;
- good habitat for Golden-headed Cisticolas, Reed Warblers and birds of prey (especially Brown Goshawks).

REGENERATION OPPORTUNITY

High priority. These wetlands are weedy but contain good numbers of significant plants. Targeted weed control is required.

- Carex fascicularis*
- Eleocharis acuta*
- Gahnia sieberiana*
- Typha domingensis*

REGENERATION OPPORTUNITY

High priority. Weed control is needed (particularly for blackberry) to allow natural regeneration of Swamp Gum and Blackwood.

- Eleocharis acuta*
- Eleocharis sphacelata*
- Typha domingensis*
- Alternanthera denticulata*

- Persicaria subsessilis*
- Gynatrix pulchella*
- Pomaderris aspera*

- Persicaria subsessilis*
- Gynatrix pulchella*

- Gynatrix pulchella*
- Pomaderris aspera*

- Calystegia marginata*
- Persicaria subsessilis*

REGENERATION OPPORTUNITY

High priority. Sparse eucalypts need protection by fencing to allow natural regeneration.

	CITY OF KNOX	DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES Riparian & Flood Plain Vegetation	97/3420 - A1
	Ferny Ck Section F8 & part F9; Monbulk Ck Section M2	SHEET 4 of 18

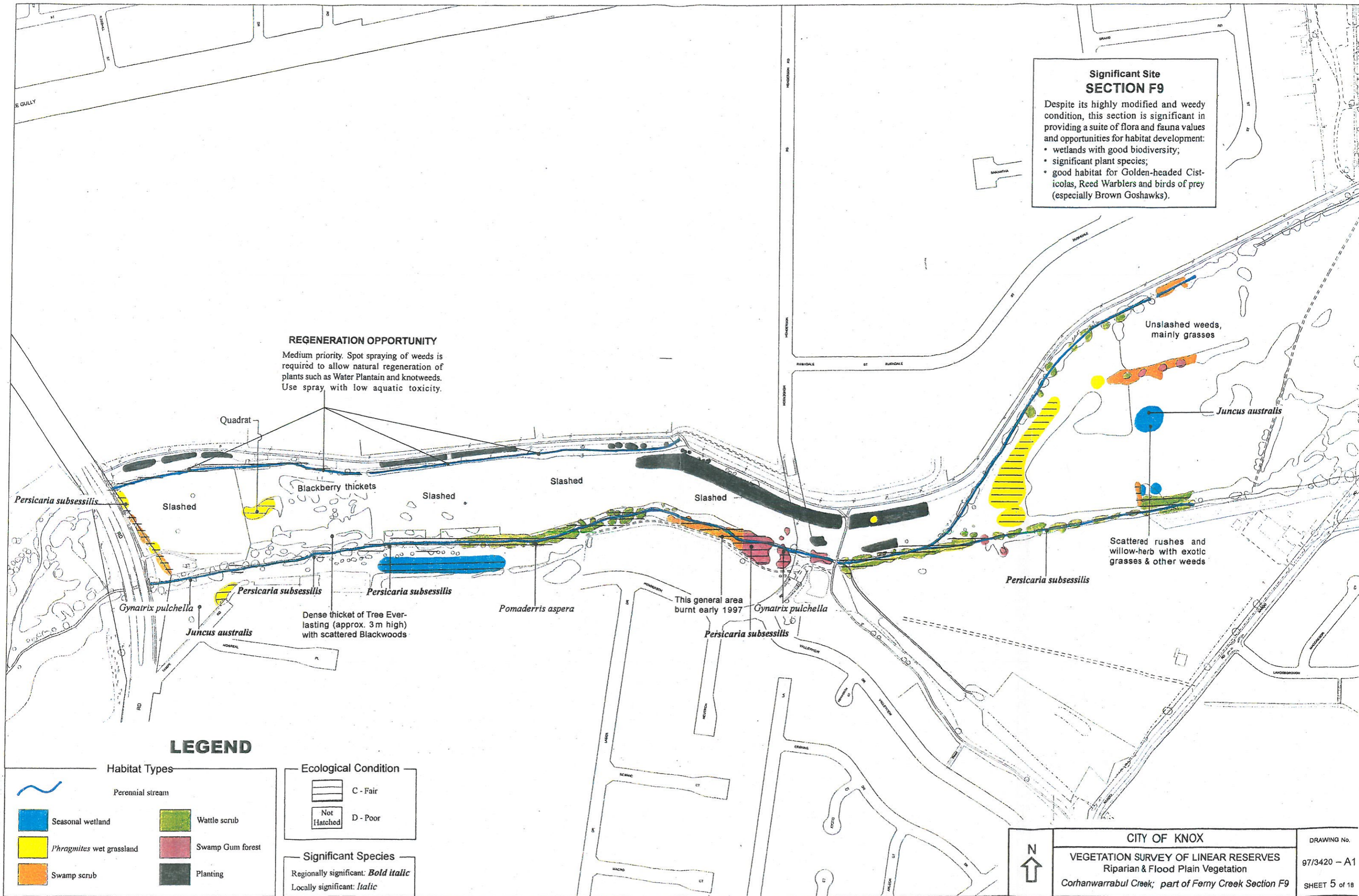
Significant Site SECTION F9

Despite its highly modified and weedy condition, this section is significant in providing a suite of flora and fauna values and opportunities for habitat development:

- wetlands with good biodiversity;
- significant plant species;
- good habitat for Golden-headed Cisticolas, Reed Warblers and birds of prey (especially Brown Goshawks).

REGENERATION OPPORTUNITY

Medium priority. Spot spraying of weeds is required to allow natural regeneration of plants such as Water Plantain and knotweeds. Use spray with low aquatic toxicity.



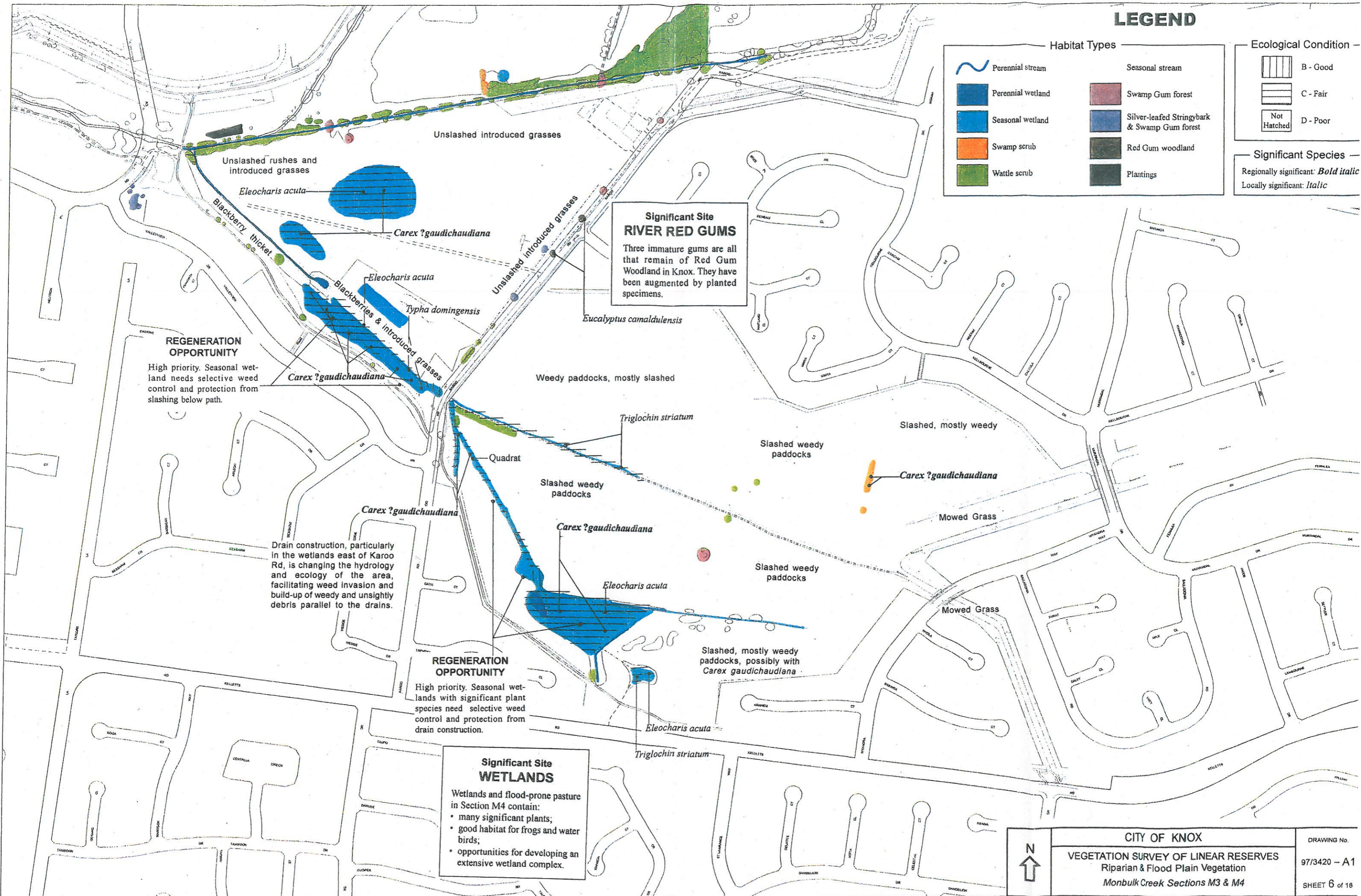
LEGEND

Habitat Types	
	Perennial stream
	Seasonal wetland
	Phragmites wet grassland
	Swamp scrub
	Wattle scrub
	Swamp Gum forest
	Planting

Ecological Condition	
	C - Fair
	D - Poor
	Not Hatched

Significant Species	
<i>Persicaria subsessilis</i>	Regionally significant: <i>Bold italic</i>
<i>Persicaria subsessilis</i>	Locally significant: <i>Italic</i>





LEGEND

Habitat Types		Ecological Condition	
	Perennial stream		B - Good
	Perennial wetland		C - Fair
	Seasonal wetland		Not Hatched
	Swamp scrub		D - Poor
	Wattle scrub		
	Seasonal stream		
	Swamp Gum forest		
	Silver-leaved Stringybark & Swamp Gum forest		
	Red Gum woodland		
	Plantings		

Significant Site RIVER RED GUMS
 Three immature gums are all that remain of Red Gum Woodland in Knox. They have been augmented by planted specimens.

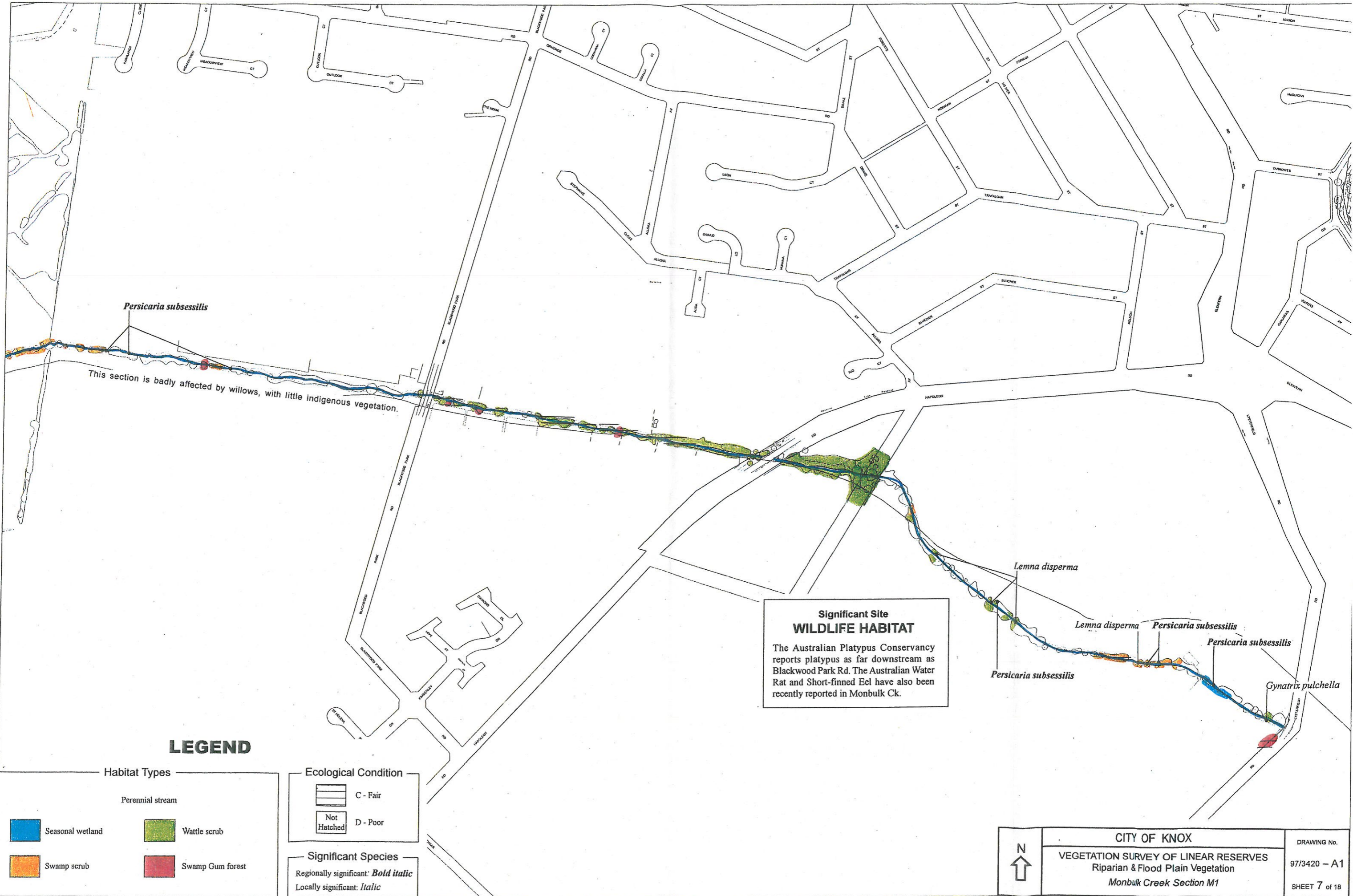
Significant Site WETLANDS
 Wetlands and flood-prone pasture in Section M4 contain:
 • many significant plants;
 • good habitat for frogs and water birds;
 • opportunities for developing an extensive wetland complex.

REGENERATION OPPORTUNITY
 High priority. Seasonal wetland needs selective weed control and protection from slashing below path.

Drain construction, particularly in the wetlands east of Karoo Rd, is changing the hydrology and ecology of the area, facilitating weed invasion and build-up of weedy and unsightly debris parallel to the drains.

REGENERATION OPPORTUNITY
 High priority. Seasonal wetlands with significant plant species need selective weed control and protection from drain construction.

	CITY OF KNOX	DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES Riparian & Flood Plain Vegetation	97/3420 - A1
	Monbulk Creek Sections M3 & M4	SHEET 6 of 18



Persicaria subsessilis

This section is badly affected by willows, with little indigenous vegetation.

**Significant Site
WILDLIFE HABITAT**
The Australian Platypus Conservancy reports platypus as far downstream as Blackwood Park Rd. The Australian Water Rat and Short-finned Eel have also been recently reported in Monbulk Ck.

Lemna disperma

Lemna disperma

Persicaria subsessilis

Persicaria subsessilis

Persicaria subsessilis

Gynatrix pulchella

LEGEND

Habitat Types

- Perennial stream
- Seasonal wetland
- Swamp scrub
- Wattle scrub
- Swamp Gum forest

Ecological Condition

- C - Fair
- Not Hatched
- D - Poor

Significant Species

Regionally significant: ***Bold italic***
Locally significant: *Italic*

	CITY OF KNOX	DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES Riparian & Flood Plain Vegetation	97/3420 - A1
	Monbulk Creek Section M1	SHEET 7 of 18

SIGNIFICANT TREES

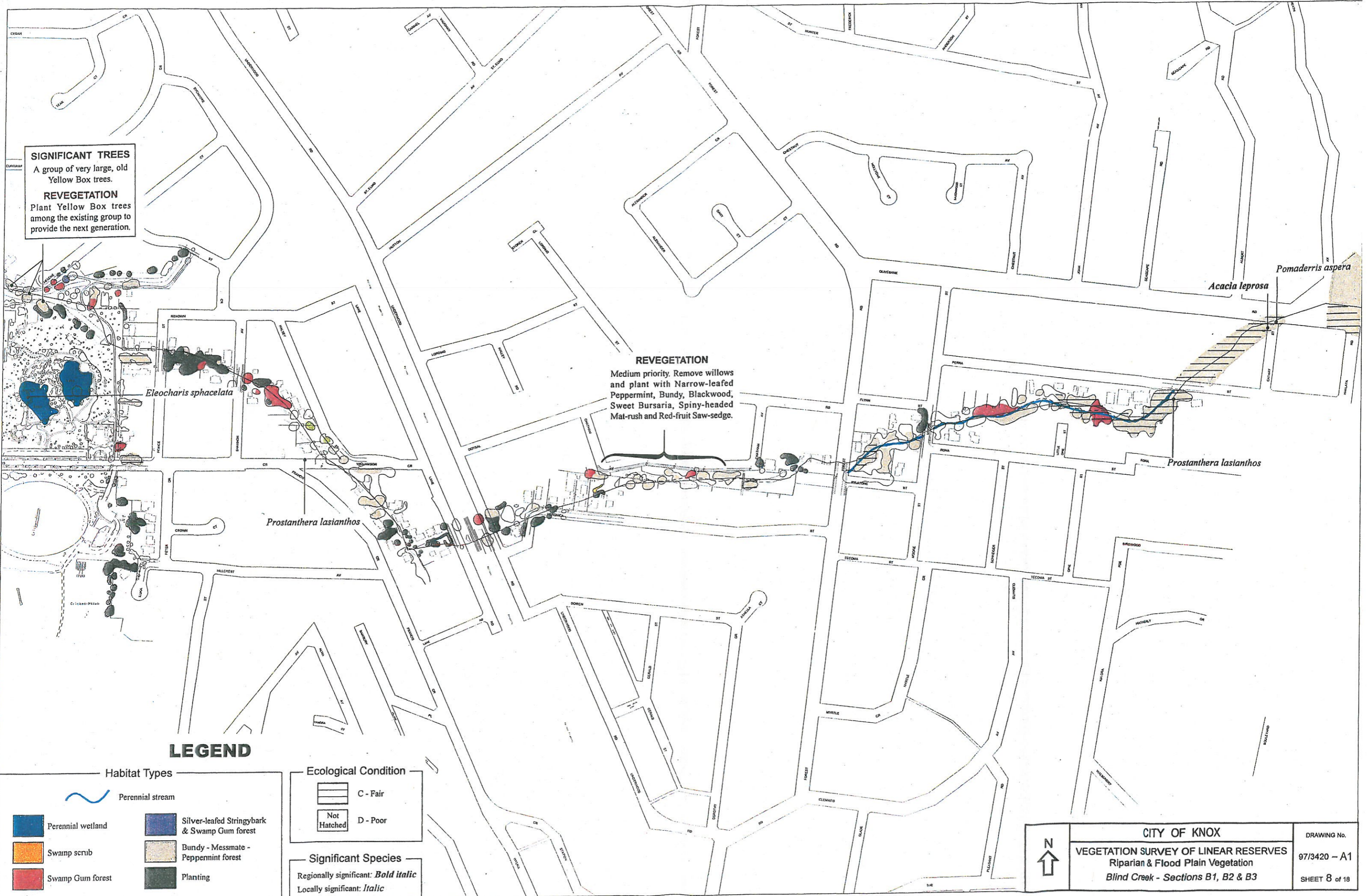
A group of very large, old Yellow Box trees.

REVEGETATION

Plant Yellow Box trees among the existing group to provide the next generation.

REVEGETATION

Medium priority. Remove willows and plant with Narrow-leaved Peppermint, Bundy, Blackwood, Sweet Bursaria, Spiny-headed Mat-rush and Red-fruit Saw-sedge.



LEGEND

Habitat Types

- Perennial stream
- Perennial wetland
- Silver-leaved Stringybark & Swamp Gum forest
- Swamp scrub
- Bundy - Messmate - Peppermint forest
- Swamp Gum forest
- Planting

Ecological Condition

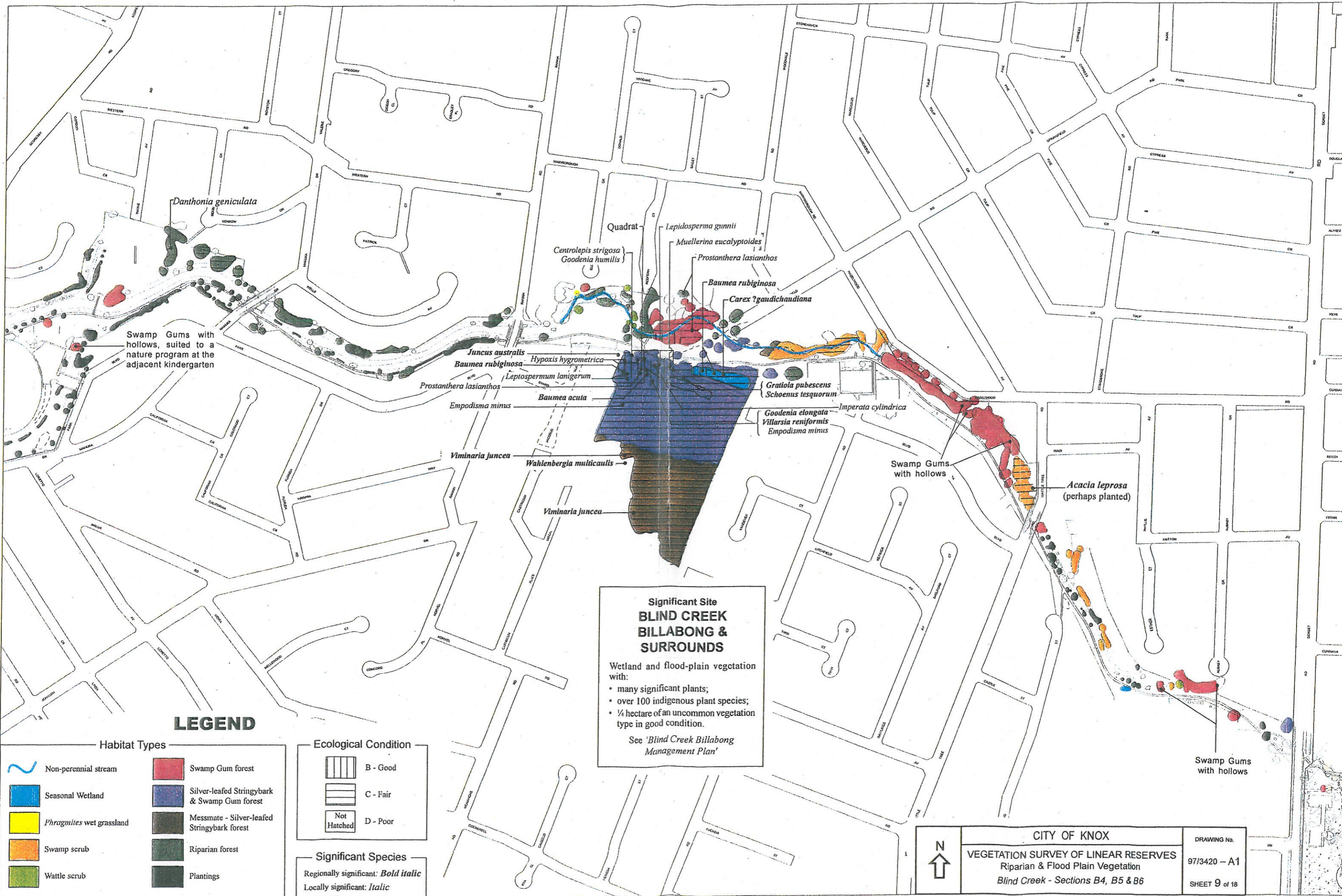
- C - Fair
- Not Hatched
- D - Poor

Significant Species

Regionally significant: ***Bold italic***
Locally significant: *Italic*



CITY OF KNOX		DRAWING No.
VEGETATION SURVEY OF LINEAR RESERVES Riparian & Flood Plain Vegetation		97/3420 - A1
Blind Creek - Sections B1, B2 & B3		SHEET 8 of 18



Danthonia geniculata

Swamp Gums with hollows, suited to a nature program at the adjacent kindergarten

Quadrat

Centrolepis strigosa
Goodenia humilis

Lepidosperma gunnii

Muellerina eucalyptoides

Prostanthera lasianthos

Baumea rubiginosa

Carex ? gaudichaudiana

Juncus australis

Baumea rubiginosa

Hypoxis hygrometrica

Leptospermum lanigerum

Prostanthera lasianthos

Baumea acuta

Empodisma minus

Gratiola pubescens

Schoenus tesquorum

Goodenia elongata

Villarsia reniformis

Empodisma minus

Imperata cylindrica

Viminaria juncea

Wahlenbergia multicaulis

Viminaria juncea

Swamp Gums with hollows

Acacia leprosa
(perhaps planted)

Swamp Gums with hollows

**Significant Site
BLIND CREEK
BILLABONG &
SURROUNDS**

Wetland and flood-plain vegetation with:

- many significant plants;
- over 100 indigenous plant species;
- ¼ hectare of an uncommon vegetation type in good condition.

See 'Blind Creek Billabong Management Plan'

LEGEND

Habitat Types	
	Non-perennial stream
	Seasonal Wetland
	<i>Phragmites</i> wet grassland
	Swamp scrub
	Wattle scrub
	Swamp Gum forest
	Silver-leaved Stringybark & Swamp Gum forest
	Messmate - Silver-leaved Stringybark forest
	Riparian forest
	Plantings

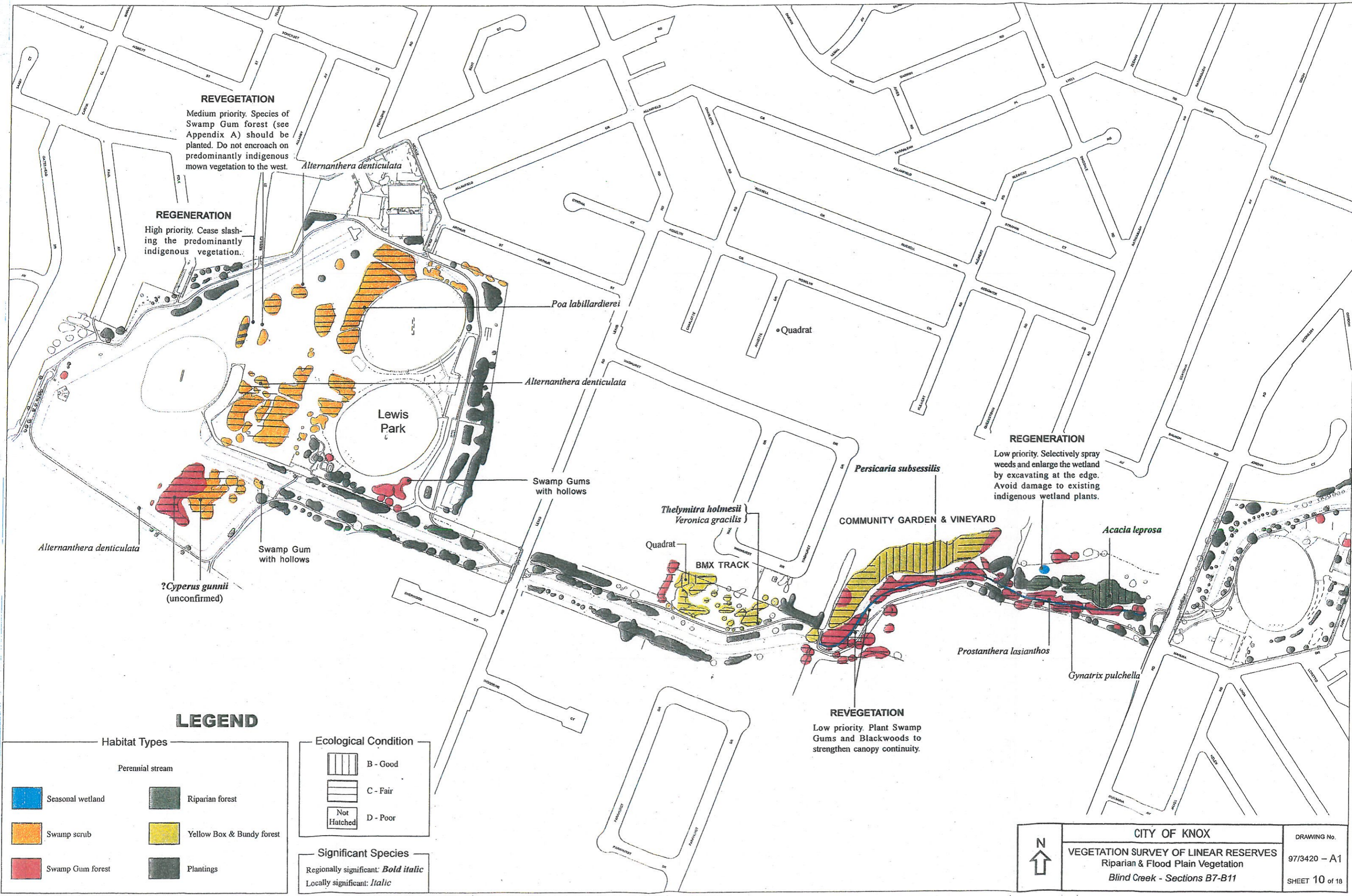
Ecological Condition	
	B - Good
	C - Fair
	D - Poor

Significant Species

Regionally significant: ***Bold italic***

Locally significant: *Italic*

	CITY OF KNOX	DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES Riparian & Flood Plain Vegetation	97/3420 - A1
	Blind Creek - Sections B4, B5 & B6	SHEET 9 of 18









REVEGETATION
 Medium priority. Species of Swamp Gum forest (see Appendix A) should be planted. Do not encroach on predominantly indigenous mown vegetation to the west.




REGENERATION
 High priority. Cease slashing the predominantly indigenous vegetation.

REGENERATION
 Low priority. Selectively spray weeds and enlarge the wetland by excavating at the edge. Avoid damage to existing indigenous wetland plants.


REVEGETATION
 Low priority. Plant Swamp Gums and Blackwoods to strengthen canopy continuity.

LEGEND

Habitat Types	
 Seasonal wetland	 Riparian forest
 Swamp scrub	 Yellow Box & Bundy forest
 Swamp Gum forest	 Plantings

Ecological Condition	
 B - Good	
 C - Fair	
 Not Hatched	D - Poor

Significant Species	
Regionally significant: <i>Bold italic</i>	
Locally significant: <i>Italic</i>	

	CITY OF KNOX	DRAWING No.
	VEGETATION SURVEY OF LINEAR RESERVES	97/3420 - A1
	Riparian & Flood Plain Vegetation Blind Creek - Sections B7-B11	SHEET 10 of 18

LEGEND

Habitat Types

- Perennial stream
- Seasonal wetland
- Phragmites* wet grassland
- Swamp scrub
- Wattle scrub
- Swamp Gum forest
- Silver-leaved Stringybark & Swamp Gum forest
- Riparian forest
- Plantings

Ecological Condition

- B - Good
- C - Fair
- Not Hatched
- D - Poor

Significant Species

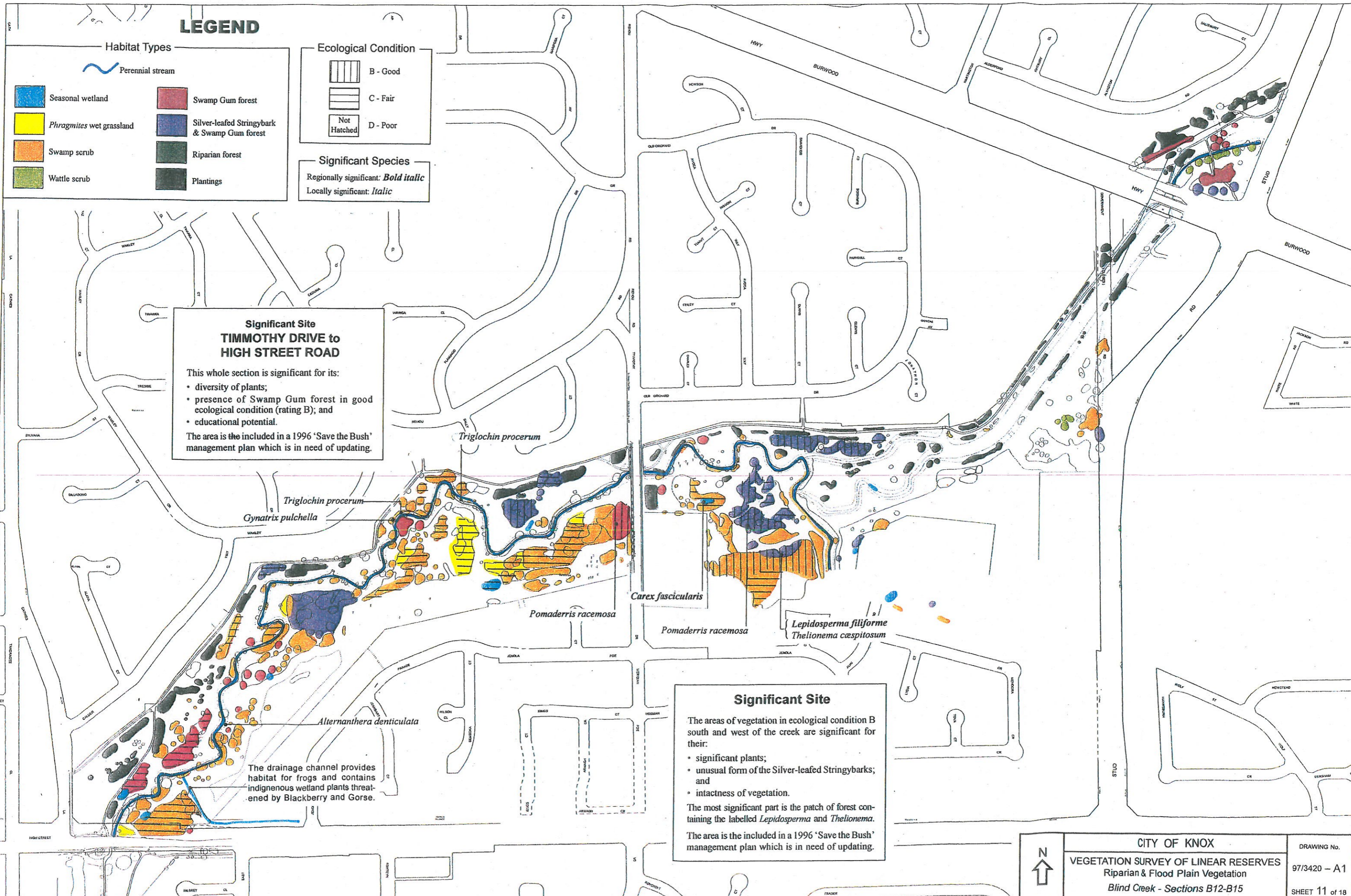
Regionally significant: ***Bold italic***
 Locally significant: *Italic*

**Significant Site
TIMOTHY DRIVE to
HIGH STREET ROAD**

This whole section is significant for its:

- diversity of plants;
- presence of Swamp Gum forest in good ecological condition (rating B); and
- educational potential.

The area is included in a 1996 'Save the Bush' management plan which is in need of updating.



Altermanthera denticulata

The drainage channel provides habitat for frogs and contains indigenous wetland plants threatened by Blackberry and Gorse.

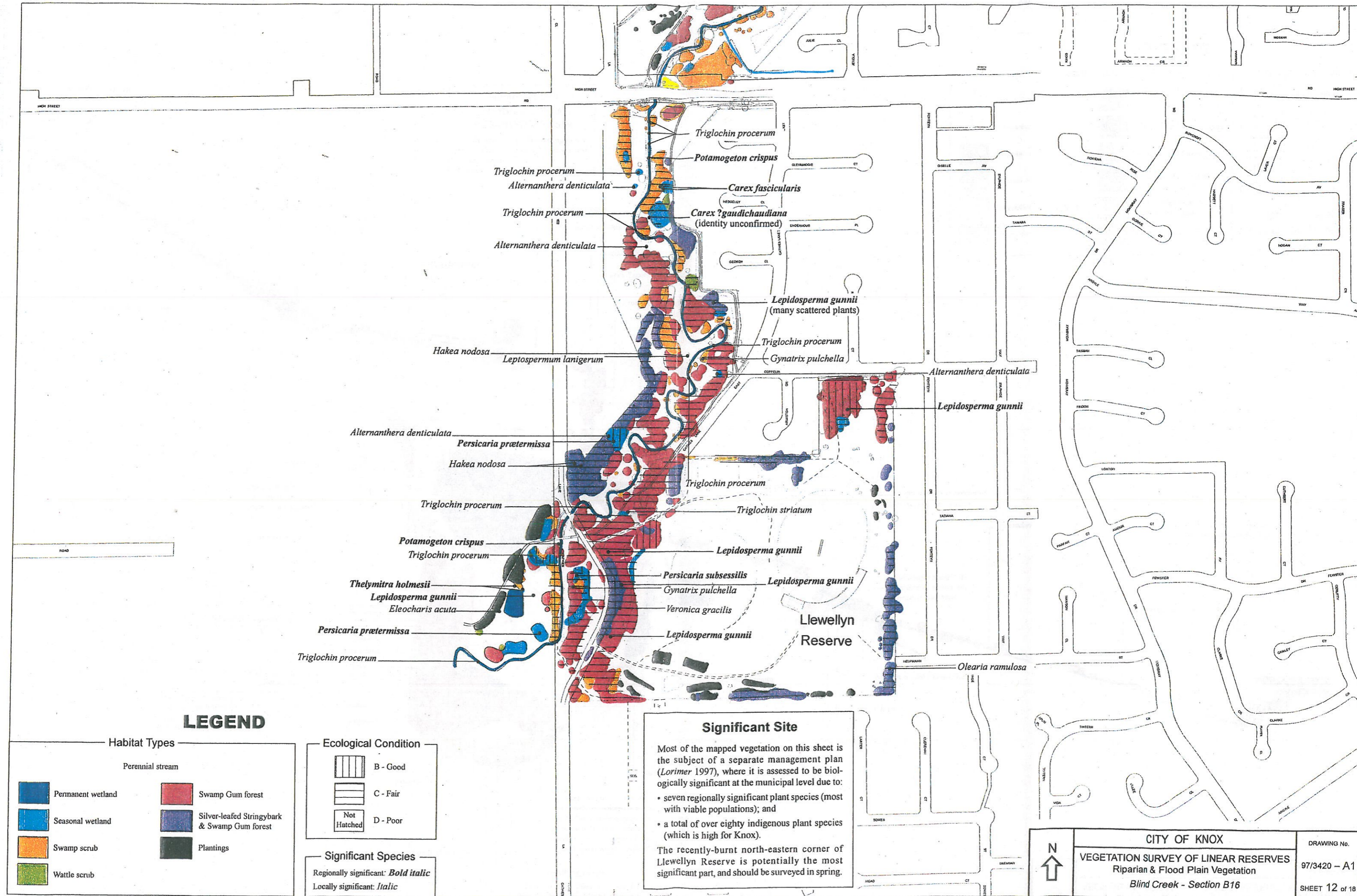
Significant Site

The areas of vegetation in ecological condition B south and west of the creek are significant for their:

- significant plants;
- unusual form of the Silver-leaved Stringybarks; and
- intactness of vegetation.

The most significant part is the patch of forest containing the labelled *Lepidosperma* and *Thelionema*.

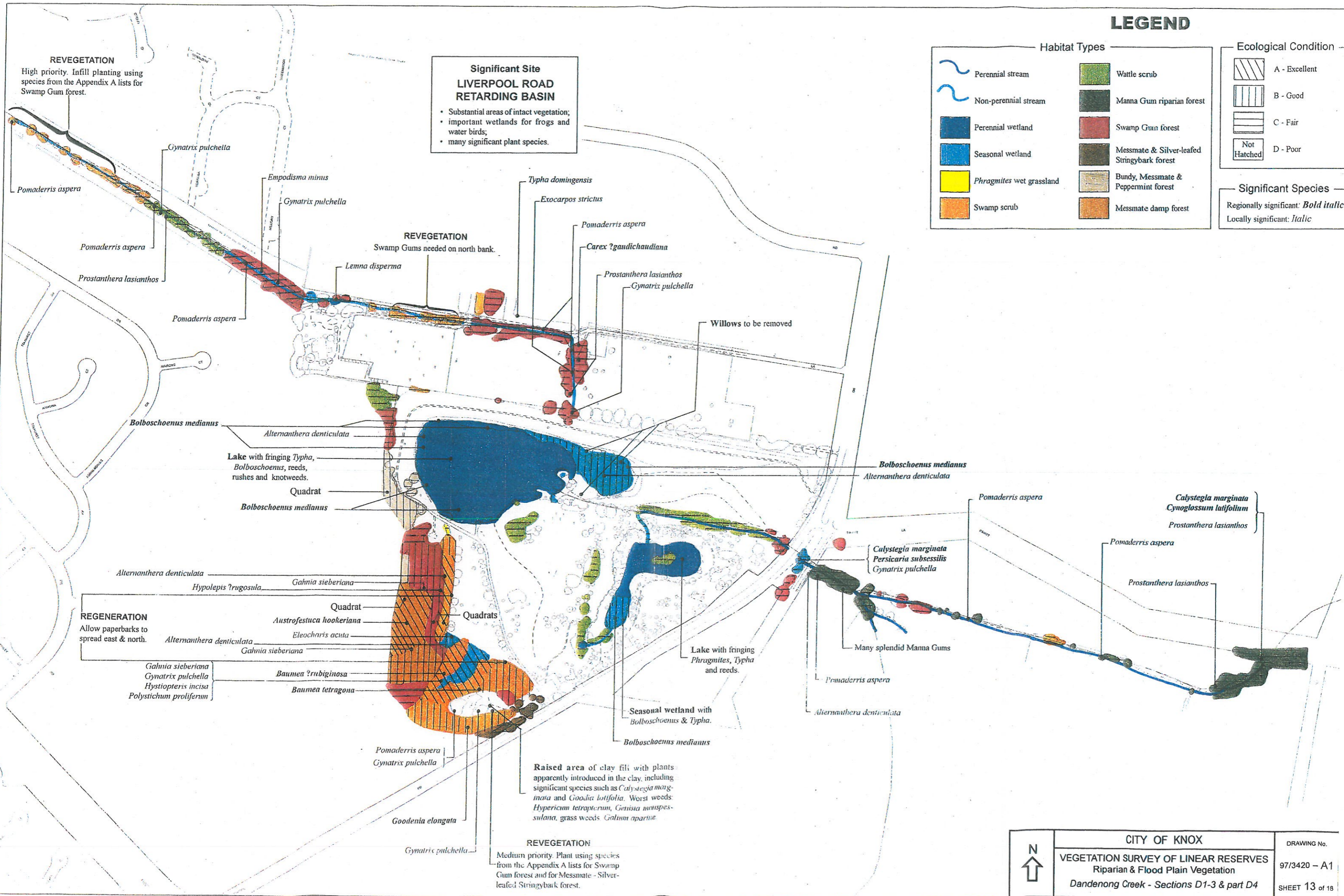
The area is included in a 1996 'Save the Bush' management plan which is in need of updating.



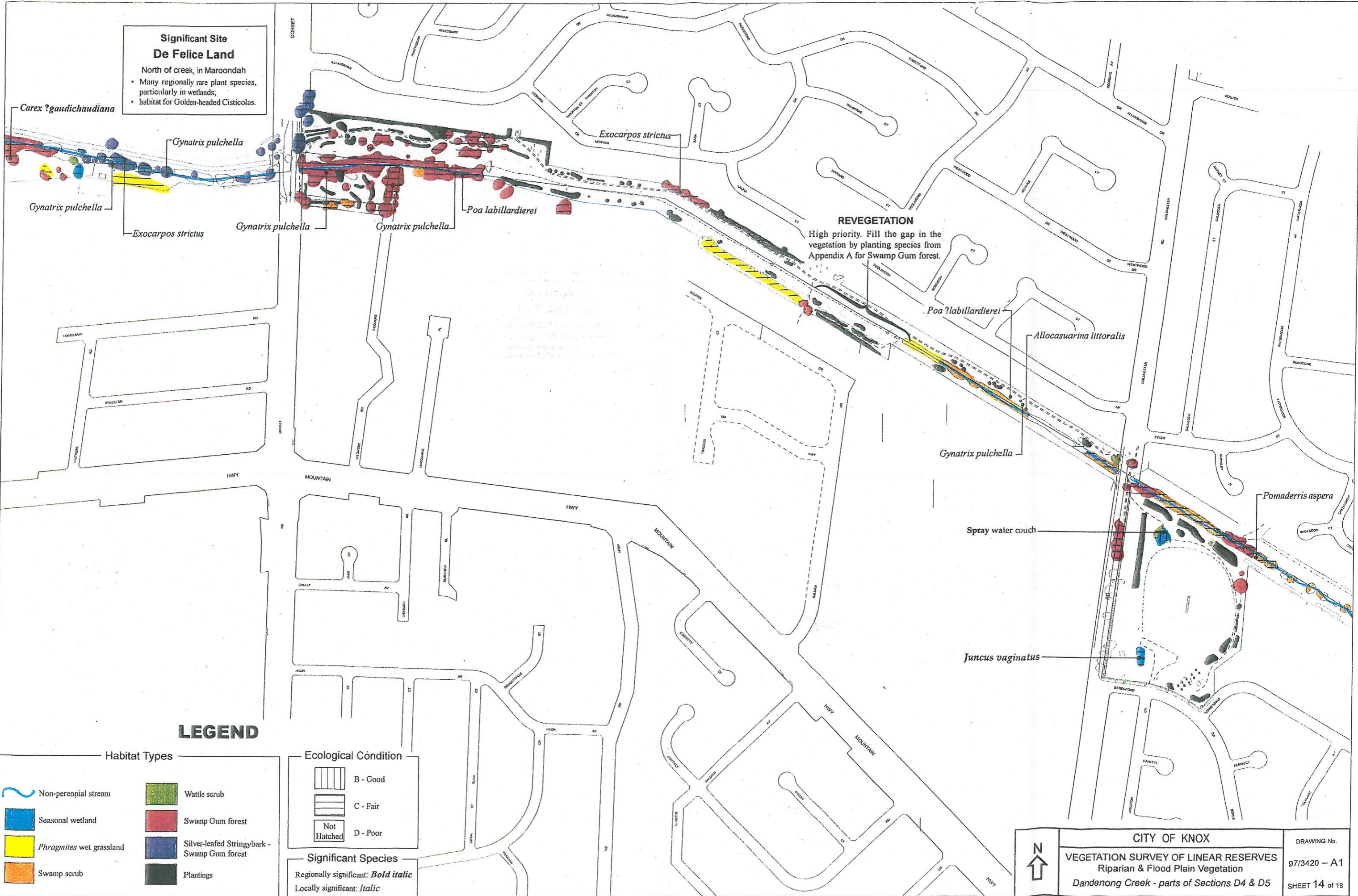
LEGEND

Habitat Types		Ecological Condition	
	Perennial stream		A - Excellent
	Non-perennial stream		B - Good
	Perennial wetland		C - Fair
	Seasonal wetland		D - Poor
	Phragmites wet grassland		Not Hatched
	Swamp scrub		
	Wattle scrub		
	Manna Gum riparian forest		
	Swamp Gum forest		
	Messmate & Silver-leaved Stringybark forest		
	Bundy, Messmate & Peppermint forest		
	Messmate damp forest		

Significant Species	
<i>Bold italic</i>	Regionally significant
<i>Italic</i>	Locally significant



**Significant Site
De Felice Land**
North of creek, in Maroondah
• Many regionally rare plant species, particularly in wetlands;
• habitat for Golden-headed Cisticolas.



LEGEND

Habitat Types

- Non-perennial stream
- Seasonal wetland
- Phragmites wet grassland
- Swamp scrub
- Wattle scrub
- Swamp Gum forest
- Silver-leaved Stringybark - Swamp Gum forest
- Plantings

Ecological Condition

- B - Good
- C - Fair
- Not Hatched
- D - Poor

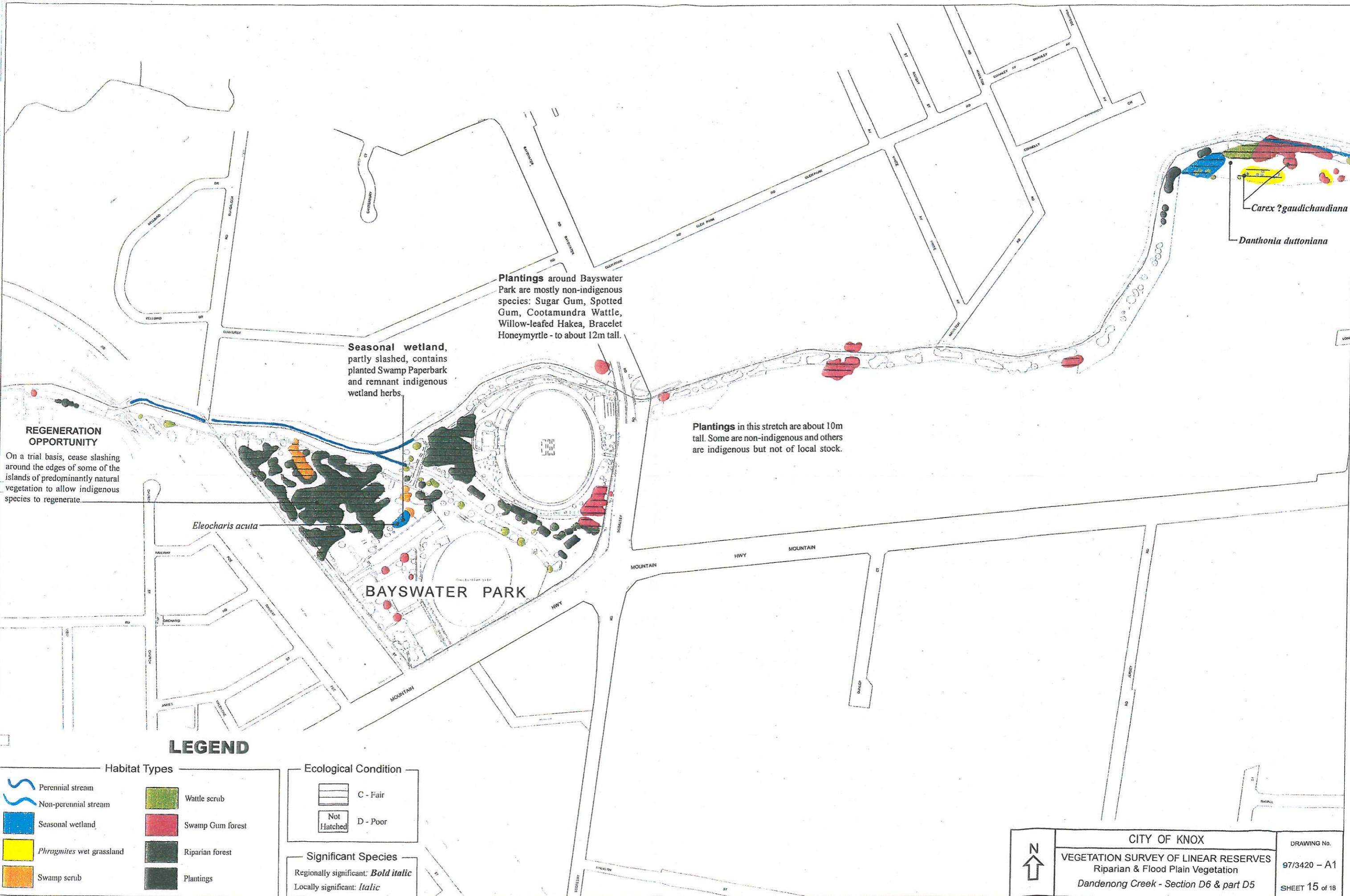
Significant Species

Regionally significant: ***Bold italic***
Locally significant: *Italic*

CITY OF KNOX

VEGETATION SURVEY OF LINEAR RESERVES
Riparian & Flood Plain Vegetation
Dandenong Creek - parts of Sections D4 & D5

DRAWING No.
97/3420 - A1
SHEET 14 of 18

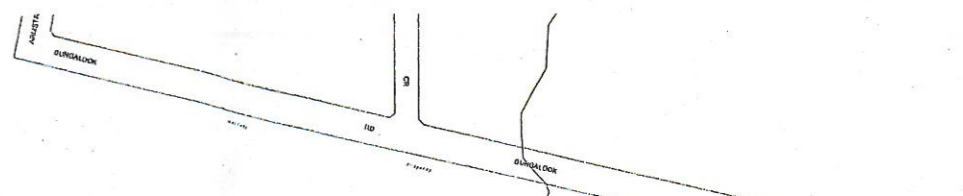


Carex ?gaudichaudiana
Danthonia duttoniana

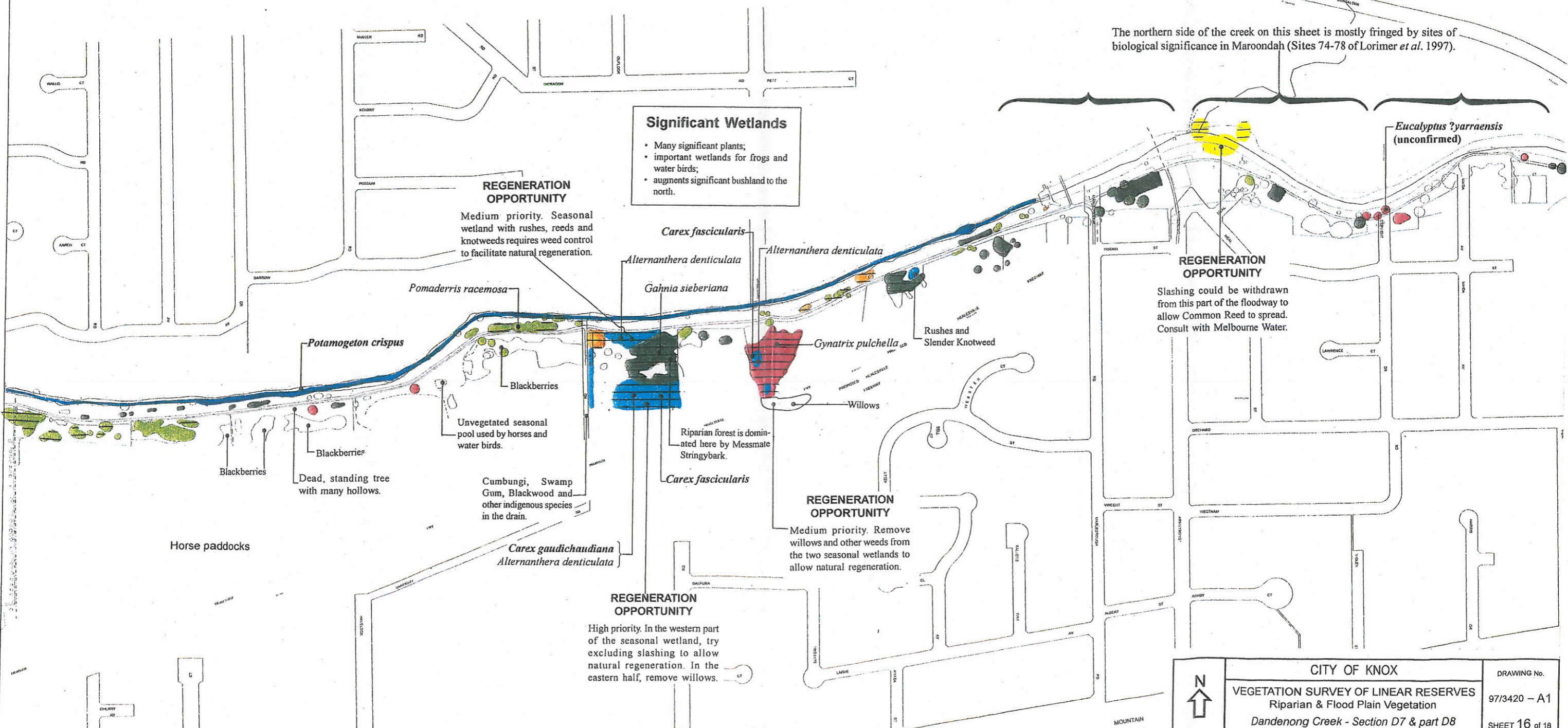
LEGEND

Habitat Types		Ecological Condition	
Perennial stream	Wattle scrub	C - Fair	Not Hatched D - Poor
Seasonal wetland	Swamp Gum forest		
<i>Phragmites</i> wet grassland	Riparian forest		
Swamp scrub	Plantings		

Significant Species —
Regionally significant: ***Bold italic***
Locally significant: *Italic*



The northern side of the creek on this sheet is mostly fringed by sites of biological significance in Maroondah (Sites 74-78 of Lorimer *et al.* 1997).



Significant Wetlands

- Many significant plants;
- important wetlands for frogs and water birds;
- augments significant bushland to the north.

REGENERATION OPPORTUNITY
Medium priority. Seasonal wetland with rushes, reeds and knotweeds requires weed control to facilitate natural regeneration.

REGENERATION OPPORTUNITY
Slashing could be withdrawn from this part of the floodway to allow Common Reed to spread. Consult with Melbourne Water.

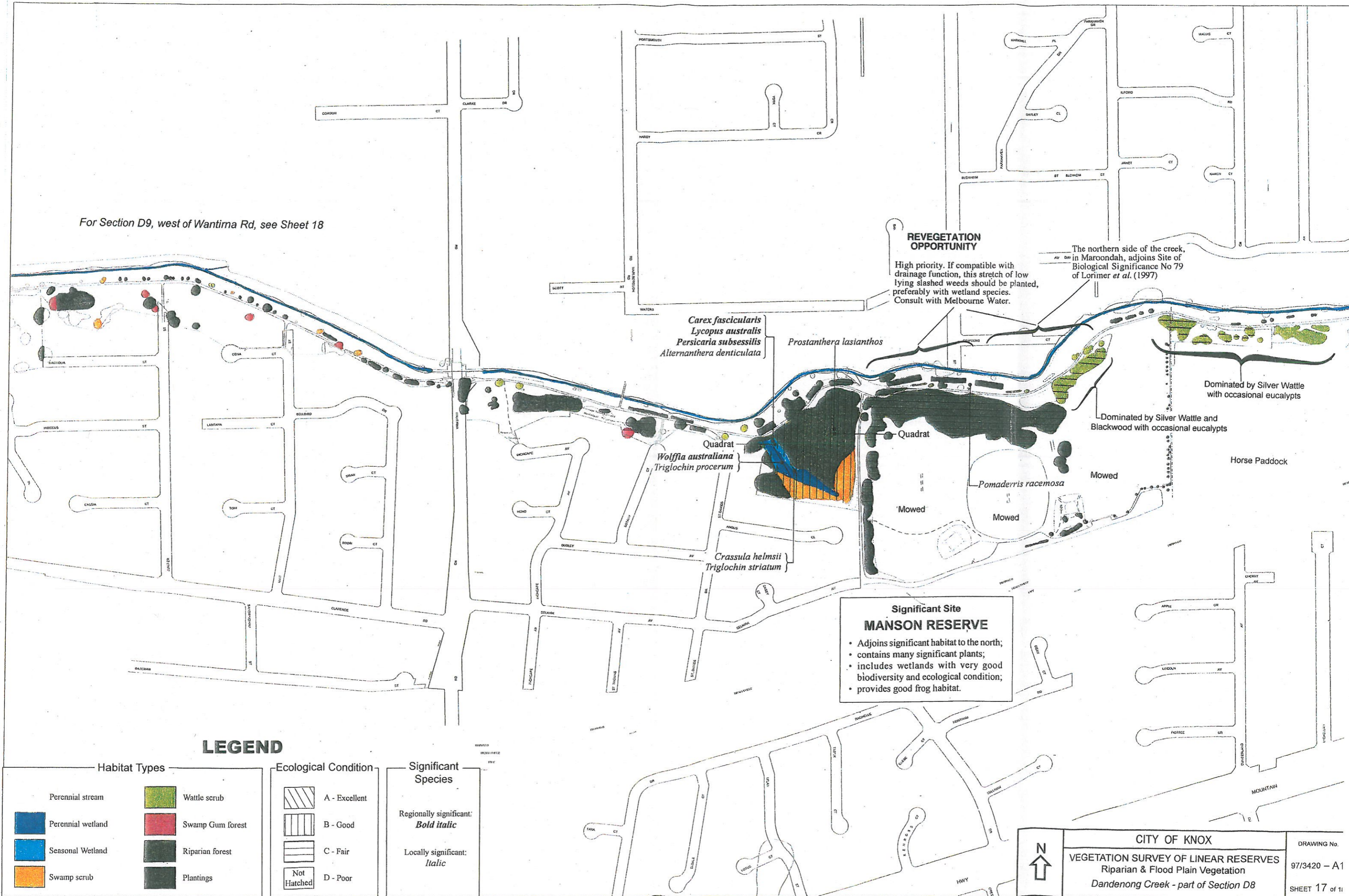
REGENERATION OPPORTUNITY
Medium priority. Remove willows and other weeds from the two seasonal wetlands to allow natural regeneration.

REGENERATION OPPORTUNITY
High priority. In the western part of the seasonal wetland, try excluding slashing to allow natural regeneration. In the eastern half, remove willows.

- Carex fascicularis*
- Alternanthera denticulata*
- Gahnia sieberiana*
- Pomaderris racemosa*
- Potamogeton crispus*
- Blackberries
- Unvegetated seasonal pool used by horses and water birds.
- Cumbungi, Swamp Gum, Blackwood and other indigenous species in the drain.
- Carex fascicularis*
- Carex gaudichaudiana*
- Alternanthera denticulata*
- Riparian forest is dominated here by Messmate Stringybark.
- Gynatrix pulchella*
- Rushes and Slender Knotweed
- Willows

Eucalyptus ?yarraensis (unconfirmed)

For Section D9, west of Wantima Rd, see Sheet 18



REVEGETATION OPPORTUNITY

High priority. If compatible with drainage function, this stretch of low lying slashed weeds should be planted, preferably with wetland species. Consult with Melbourne Water.

The northern side of the creek, in Maroondah, adjoins Site of Biological Significance No 79 of Lorimer *et al.* (1997)

Carex fascicularis
Lycopodium australe
Pericaria subsessilis
Alternanthera denticulata

Prostanthera lasiantha

Quadrat
Wolffia australiana
Triglochin procerum

Crassula helmsii
Triglochin striatum

Quadrat

Pomaderris racemosa

Dominated by Silver Wattle with occasional eucalypts

Dominated by Silver Wattle and Blackwood with occasional eucalypts

Horse Paddock

Significant Site
MANSON RESERVE

- Adjoins significant habitat to the north;
- contains many significant plants;
- includes wetlands with very good biodiversity and ecological condition;
- provides good frog habitat.

LEGEND

Habitat Types		Ecological Condition	
Perennial stream	Wattle scrub	A - Excellent	Significant Species Regionally significant: <i>Bold italic</i> Locally significant: <i>Italic</i>
Perennial wetland	Swamp Gum forest	B - Good	
Seasonal Wetland	Riparian forest	C - Fair	
Swamp scrub	Plantings	D - Poor	

CITY OF KNOX

VEGETATION SURVEY OF LINEAR RESERVES
Riparian & Flood Plain Vegetation
Dandenong Creek - part of Section D8

DRAWING No.
97/3420 - A1
SHEET 17 of 11

LEGEND

Habitat Types

- Perennial stream (blue wavy line)
- Perennial wetland (dark blue square)
- Seasonal Wetland (medium blue square)
- Phragmites* wet grassland (yellow square)
- Swamp scrub (orange square)
- Wattle scrub (green square)
- Swamp Gum forest (red square)
- Riparian forest (dark green square)
- Plantings (black square)

Ecological Condition

- B - Good (vertical lines)
- C - Fair (horizontal lines)
- D - Poor (diagonal lines)
- Not Hatched (white)

Significant Species

- Regionally significant: ***Bold italic***
- Locally significant: *Italic*

The northern side of the creek, in Maroondah, adjoins Site of Biological Significance No 82 of Lorimer *et al.* (1997).

REGENERATION OPPORTUNITY

High priority. Try excluding slashing from the wetland and instead monitor and spray weeds to allow natural regeneration.

REGENERATION OPPORTUNITY

Low to medium priority. Ease off slashing around Common Reed if compatible with good drainage. Consult Melbourne Water.

REVEGETATION OPPORTUNITY

Medium priority. Approx. 1.5 ha with excellent potential for wetland construction and rehabilitation similar to Winton Wetlands.

REVEGETATION OPPORTUNITY

Low priority. Weedy horse paddocks could become an extension of Winton Wetlands, depending on Scoresby Transport Corridor developments.

Significant Site
WINTON WETLANDS

- Contains many significant plants;
- includes wetlands with good biodiversity and ecological condition;
- provides good habitat for frogs and rare water birds (including Japanese Snipe).

Mapping based largely on 'Winton Wetlands Management Plan'.

There are aboriginal scar trees in this area (locations confidential)

