

Appendix 3 - Full Dendrogram

(UPGMA, Bray_Curtis association measure, Beta = -(0.1). Vegetation group 1_ Saline influence; Vegetation Group 2- Group 2 Freshwater, seasonally/ permanently inundated soils; Group 3 Coastal barrier sand and headland; Group 4 Forests on alluvium or fine-textured soils of coastal floodplains and foothills

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 1(b) Saltmarsh/ saline grasslands	BALL01ESEX						
	BRU011ach						
	POT07est1cd						
	POT08est1cd						
	BALL06ESTBA						
Community 2 Blue Couch–Prickly Couch grasslands of the estuarine plains	W0013estss						
	GIB01a11v						
	W0010a11bk						
	W0011a11bk						
	W0012a11bk						
Assemblage 1(c) Swamp Oak forests, sedgeland and rushlands	W0016a1vf						
	BALL16estcbb						
	W0015a11v						
	BRU26ESTICD						
	BYR30estsswp						
Community 4 Swamp Oak–Broad- leaved Paperbark estuarine and alluvial plain swamp sclerophyll forest	WAR14a11bk						
	WAR30CBRDG						
	WAR49a11bk						
	WAR50a11un						
	W0023estsswp						

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 1(d) Sedgeland/ Rushland	Community 5 Milky Mangrove– Swamp Oak–Grey Mangrove king- tide forest						
	BIL03LSRH						
	TWE14estsswp						
	TWE26a1bk						
	MUR02a11v						
	WAR16estch						
	MUR03a1bk						
	Community 6 Swamp Oak–Hoop Pine–Tuckeroo swamp sclerophyll/ dry 'gallery' floodplain rainforest						
	BIL09a1bk						
	BALL14estcbb						
Assemblage 2(a) Broad- leaved Paperbark swamp forests varying from a sedge to fern understory	Community 7 Prickly Couch–Sea Rush– <i>Schoenoplectus subulatus</i> saltmarsh						
	W0002estss						
	W0025estch						
	W0014estss						
	Community 8 Swamp Oak king-tide swamp sclerophyll forest						
	BYR03cbrdg						
	BYR39cbdne						
	BYR26estsswp						
	BYR27estsswp						
	BYR28estsswp						
Assemblage 2(b) Broad- leaved Paperbark swamp forests varying from a sedge to fern understory	Community 9 Sea Rush–Matgrass saltmarsh						
	TWE09estsswp						
	TWE20esttdf						
	TWE25esttdf						
	BALL03ESSW						
	Community 10 Broad-leaved Paperbark–Swamp Oak–fern/sedge swamp sclerophyll forest						
	BALL05ESTB						
	BALL04ESTSS						
	W0006a1bk						

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Community 11 Broad-leaved Paperbark–Pink-flowered Doughwood swamp sclerophyll open forest	BRU33cbbbf						
	BRU34cbbbf						
	POT12a1fan						
	CUD15esttdf						
	WAR01ALFL						
	WAR04a1sw						
	BALL07DBRDG						
	BALL08estsswp						
	BRU12cbdne						
	BYR23cbdne						
Community 12 Broad-leaved Paperbark–Swamp Oak ferny swamp sclerophyll forest	BYR04estc1						
	BYR141srh						
	BYR221srh						
	BYR21a1fan						
	BYR25estsswp						
	TWE31esttdf						
	BYR10estc1						
	WAR19a1bk						
	WAR45a1bk						
	WAR25a1bk						
Community 13 Alluvial plain Broad-leaved Paperbark–Swamp Mahogany–Bangalow Palm–Saw Sedge–Swamp Water Fern swamp sclerophyll forest	WAR44a1bk						
	WAR31cbrdg						
	BRU18cbbbf						
	WAR47a1fan						
	WAR07a11sw						
Community 14 Swamp Mahogany– Broad-leaved Paperbark–Bangalow Palm–sedge/fern swamp sclerophyll forest	WAR08cbr						
	WAR17a1fan						
	WAR32a1bk						
	BRU25estchf						

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 2(b) Floodplain palm forest	BRU45cbrdg						
	BYR05cbw						
	BYR19a1fan						
	BYR16hsrh						
	WAR23a1fan						
Assemblage 2(b) Floodplain palm forest	BYR09cbbbf						
	WAR33a1ch						
	WAR26a1bk						
	WAR27a1fan						
	WAR43a1fan						
Assemblage 2(c) Wet Heath	BAL09CBRDG						
	BRU38unfswp						
	BRU39unfswp						
	BYR37unfswp						
	W0009unfswp						
Assemblage 2(d) Coral Fern fernland	WAR36cbrdg						
	WAR37cbrdg						
	WAR38cbrdg						
	BYR08cbw						
	36estcd						
Assemblage 2(e) Paperbark dunal scrubland	BYR01cbrdg						
	BYR15cbbbf						
	BYR38cbdne						
	BYR32estsswp						
	BYR33estcd						
Assemblage 2(e) Paperbark dunal scrubland	POT23cbdne						
	POT02cbrdg						

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 3(b) Vegetation of Holocene sands	Community 34 Coast Banksia frontal dune open forest on Holocene dunes	BRU03cbdne					
		BRU27cbdne					
		BRU28cbdne					
		BYR12cbdne					
		BYR11cbdne					
		TWE19cbdne					
	Community 35 Brush Box lowland rainforest	POT09a1fan					
		TWE19cbdne					
		TWE12esttdf					
		TWE27vbt					
		TWE28cbdne					
		TWE32vbrh					
		BRU04cbdne					
	Community 36 Coast Wattle–Coast Tea-tree–Coast Banksia shrubland on Holocene dunes and ridges	BRU22cbdne					
		BRU21cbdne					
		TWE04ASSW					
		CUD09cbdne					
		POT03cbrdg					
Assemblage 3(c) Headland grassland	Community 37 Kangaroo Grass headland grassland	CUD181srh					
		BYR06cbws					
	Community 38 Scribbly Gum–Old Man Banksia–Slender Tea-tree heathy low open sclerophyll forest/shrubland	BYR07estc1					
Assemblage 3(c) Headland grassland	Community 39 Wallum Banksia dry heath	BYR17cbdne					
		BYR34estcd					
		BYR35cbdne					
		CUD01cbdne					
		CUD06cbdne					

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 4(a) Tweed Brunswick Brush Box wet sclerophyll forest	Community 40 Lower Richmond mesic successional wet/swamp sclerophyll forest/rainforest						
	BALLO2VBR LH						
	WAR12cbrdg						
	WAR17hsrTh						
	BALL11esttdf						
	EMP03aTbk						
	WAR02cbbbf						
	WAR34cbsw						
	WAR03cbr						
	WAR41vbgur						
	WAR42hsrTh						
	WAR18hsrTh						
	WAR52hsrTh						
	WAR20hsrTh						
	WAR22hsrTh						
Assemblage 4(b) Richmond Valley Brush Box wet sclerophyll forest	Community 41 Lower Richmond Brush Box—Pink Bloodwood—Grey Ironbark mesic tall open forest						
	WAR21aTbk						
	WAR24Tsrh						
	BTLO2Tsrh						
	WAR51hsrTh						
	BYR13hsrh						
	BYR18Tsrh						
	BYR20aTfan						
	TWE30Tsrh						
	BITL07Tsrh						
	BITL11aTbk						
	BRU09un						
	BRU10un						
	BRU11aTlv						
	TWE01cbdne						
	POT19estcd						
	POT20estcd						

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
	CUD021srh						
	CUD081srh						
	CUD111srh						
	POT291srh						
	MUR151srh						
Community 43 Brunswick–Tweed Brush Box gully rainforest on meta- sediments	BIL1141srh						
	BUR011srh						
	CUD121srh						
	MUR141srh						
	POT331srh						
	MUR161srh						
	BRU061srh						
	MUR061srh						
	POT16a1vf						
	MUR111srh						
	MUR121srh						
	CUD031srh						
	POT301srh						
	MUR021srh						
	POT11a1fan						
	BUR03LSFL						
	POT141srh						
	POT171srh						
	POT181srh						
Assemblage 4(c) Subtropical rainforest Brush Box littoral rainforest							
	Community 44 Tweed–Brunswick Valley Blue Quandong subtropical rainforest						
	BIL041srh						
	MUR131srh						
	BIL05vbrh						
	TWE061srh						
	MUR071srh						

Assemblage	Community	0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
TWE051srh		_____	_____ _ ____		_____		_____
BRU05a1terr		_____	_____		_____		_____
UR041srh		_____	_____ ____		_____		_____
Twe161srh		_____	_____ _ ____		_____		_____
MUR171srh		_____	_____		_____		_____
MUR181srh		_____	_____ ____		_____		_____
POT24a1fl		_____	_____ _ _ ____		_____		_____
POT251srh		_____	_____		_____		_____
POT261srh		_____	_____ ____		_____		_____
POT271srh		_____	_____ _____ ____		_____		_____
BRU17cbbbf		_____	_____		_____		_____
WAR11un		_____	_____ ____		_____		_____
MUR041srh		_____	_____		_____		_____
MUR051srh		_____	_____ _____ ____		_____		_____
BRU40cbrdg		_____	_____		_____		_____
BRU42vbr1h		_____	_____ ____		_____		_____
BRU43VBR LH		_____	_____ _ ____		_____		_____
TWE151srh		_____	_____		_____		_____
TWE17a1bk		_____	_____ _____ _ ____		_____		_____
Community 46 Stinging Tree–White Fig–Brush Bloodwood subtropical rainforest							
BTLO6VBRH		_____	_____	_ ____	_____		_____
MUR01vbrh		_____	_____		_____		_____
TWE21vbrh		_____	_____		_____		_____
TWE24vbrh		_____	_____ _____ ____		_____		_____
MUR081srh		_____	_____		_____		_____
MUR091srh		_____	_____ ____		_____		_____
MUR101srh		_____	_____ _____ ____		_____		_____
Community 47 Tweed Valley meta-sediment and basalt low-elevation subtropical rainforest							

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 4(d) Forest Red Gum swamp sclerophyll/dry open forests	Community 48 Flooded Gum–Pink-flowered Doughwood–Hard Quandong alluvial plain wet sclerophyll forest						
	BRU02a1chfl						
	POT15unfswp						
	POT10a1fan						
	POT13a1fan						
	LIS01VBrh						
	LIS02vbrh						
	LIS03vbrh						
	LIS041srh						
	BRU07est1cd						
Community 50 Swamp Oak–Forest Red Gum–Broad-leaved Paperbark–Swamp Box swamp sclerophyll woodland to open forest	POT21a1fl						
	POT22a1fl						
	BRU08un						
	BRU14cbbbf						
	BRU24cbdne						
	TWE22a11v						
	TWE23a1bk						
	ELL12a1bk						
	W0021unund						
	W0026unund						
Community 51 Forest Red Gum–Willow Bottlebrush–Camphor Laurel dry open forest	W00027a11v						
	TAB04a1vf						
	W0008a1bk						
	W0024unund						
	W0005a1vf						
	BRU29a1fl						
	BRU30estsswp						

		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Assemblage	Community						
Assemblage 4(e) Fig-Quandong rainforest on Pleistocene dunes	Community 52 Small-leaved Fig-Hard Quandong-Bangalow Palm subtropical/littoral rainforest on Pleistocene dunes	BRU31	estsswp				
		TWE02	cbdne				
		TWE03	cbdne				
Assemblage 4(f) Whalebone Tree dry rainforest	Community 53 Patches Beach Broad-leaved Paperbark-Swamp	EMP01	a1sw				
	Oak-Cabbage-tree Palm swamp	EMP02	a1bk				
	sclerophyll forest on the alluvial plain	EMP05	a1bk				
		EMP04	a1bk				
	Community 54 Whalebone Tree-Thorny Pea-Sweet Myrtle dry rainforest	WAR39	a1lv				
		WAR40	a1fl				
Assemblage 4(g) Dry sclerophyll grassy open forests		BYR24	cbdne				
		WAR28	cbrdg				
	Community 55 Grey Ironbark-Pink Bloodwood-White Mahogany dry grassy open forest	CUD04	1srh				
		CUD17	1srh				
		POT28	1srh				
		WAR16	hsr1h				
		CUD10	1srh				
		POT32	1srh				
		WAR53	vbr1h				
	Community 56 Broad-leaved Paperbark-Swamp Box-Tuckeroo swamp sclerophyll open forest	ELL01	tabk				
		ELL02	a1vf				
		ELL03	1sr1h				
		WAR15	1srh				
	Community 57 Red Mahogany-Pink Bloodwood-Swamp Mahogany-Swamp Box dry open forest	WOO04	a1vf				
		WAR29	hsr1h				
		WAR35	cbr				

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Community 58 Pink Bloodwood–Grey Ironbark–Swamp Box–Forest Red Gum–Blackbutt tall dry open forest	GIB02a1rf						
	GIB03a1fl						
	GIB05a1fl						
	GIB07a1fl						
	WAR48hsr1h						
	W0022estsswp						
	WAR52vbr1h						
	WAR54vbr1h						
	TAB011su1h						
	TAB021su1h						
Community 59 Large-fruited Spotted Gum–Grey Ironbark–Small-fruited Grey Gum dry grassy open forest	TAB03a1vf						
	W00191su1h						
	W0003a1vf						
	W0007hsur						
	W0001a1vf						
	W00181su1h						
	ELL07hsur						
	GIB10a1fl						
	ELL08a1fl						
	TAT02a1fl						
Community 60 Grey Ironbark–Thin-leaved Stringybark–Pink Bloodwood–Swamp Box dry open grassy forest	TAT03a1fl						
	TAT01a1fl						
	ELL10a1fl						
	ELL09a1vf						
Community 61 Broad-leaved Paperbark–Narrow-leaved Rough-barked Apple–Swamp Box–Pink Bloodwood dry grassy alluvial open forest							

Assemblage		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100
Community							
Assemblage 1(a) Mangroves	Community 62 River Mangrove– Grey Mangrove–Black Mangrove– Milky Mangrove–Spider Mangrove forest to shrubland						
	BALL12estsswp						
	BRU13estsw						
	TWE07estc1						
	BALL13estsswp						
	BALL15estsswp						
	BIL10a1bk						
	BIL08a1bk						
	TWE08estc1						
	TWE13estsswp						
	TWE10esttdf						
	TWE18estcbb						
	TWE29cs1g						
	BRU20estsswp						
		0.0556	0.4465	0.8374	1.2282	1.6191	2.0100