Supplementary Material

Vegetation and environmental relations of ephemeral subtropical wetlands in central Queensland, Australia

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Table S1.   Percentage frequency of plant species according to the eight floristic groups

Only species with a frequency great than 10% in any one group are included. Exotic species are identified with an asterisk. Wetland dependent species are also identified as well as the habitat preference

Species name	Water column dependent	Habitat preference	1	2	3	4	5	6	7	8
Aeschynomene indica	no	wetland shore	0(0)	0(0)	0(0)	36(0.9)	7(0.1)	35(0.8)	14(0.3)	1(0)
Alternanthera denticulata	no	wetland shore	0(0)	0(0)	50(0.5)	59(1.7)	3(0.1)	29(0.9)	21(0.4)	0(0)
*Aster subulatus**	no	wetland shore	0(0)	0(0)	0(0)	27(0.7)	0(0)	5(0)	7(0)	1(0)
Azolla pinnata	yes	wetland dependant	0(0)	0(0)	0(0)	0(0)	10(0.2)	2(0.1)	11(0.2)	17(0.5)
Carex appressa	no	wetland shore	0(0)	0(0)	0(0)	6(0.1)	14(0.5)	14(0.1)	19(0.2)	0(0)
Centella asiatica	no	wetland shore	0(0)	0(0)	0(0)	24(0.6)	0(0)	0(0)	7(0.1)	0(0)
Centipeda minima	no	wetland shore	0(0)	0(0)	0(0)	17(0.3)	7(0)	2(0)	7(0.1)	3(0)
Chrysopogon filipes	no	wetland shore	0(0)	0(0)	0(0)	6(0)	0(0)	8(0.2)	26(0.3)	0(0)
*Cirsium vulgare**	no	terrestrial	0(0)	0(0)	0(0)	18(0.3)	0(0)	0(0)	2(0)	0(0)
Convolvulus graminetinus	no	wetland shore	0(0)	0(0)	0(0)	25(0.6)	0(0)	0(0)	0(0)	0(0)

Species										
*Conyza sumatrensis**	no	terrestrial	0(0)	0(0)	0(0)	35(1)	0(0)	0(0)	9(0.2)	0(0)
Cullen tenax	no	wetland shore	0(0)	0(0)	0(0)	14(0.3)	0(0)	5(0)	0(0)	0(0)
*Cynodon dactylon**	no	wetland shore	0(0)	0(0)	0(0)	58(2)	0(0)	20(0.5)	42(1)	0(0)
Cyperus bifax	no	wetland shore	0(0)	0(0)	0(0)	2(0)	3(0)	0(0)	16(0.2)	0(0)
Cyperus difformis	no	wetland shore	0(0)	0(0)	0(0)	17(0.4)	3(0)	47(1.1)	28(0.5)	6(0)
Cyperus exaltatus	no	wetland dependent	0(0)	0(0)	0(0)	42(1.2)	10(0.2)	11(0.2)	21(0.4)	15(0.3)
Cyperus victoriensis	no	wetland shore	0(0)	0(0)	0(0)	1(0)	0(0)	2(0)	28(0.6)	0(0)
Dentella repens	no	wetland shore	0(0)	0(0)	0(0)	25(0.7)	0(0)	0(0)	4(0)	0(0)
Dichondra repens	no	wetland shore	0(0)	0(0)	0(0)	13(0.3)	0(0)	0(0)	0(0)	0(0)
Dysphania pumilio	no	wetland shore	0(0)	0(0)	0(0)	14(0.3)	0(0)	2(0)	0(0)	0(0)
*Echinochloa colona**	no	wetland shore	0(0)	0(0)	50(1.5)	39(1.2)	0(0)	55(1.4)	11(0.3)	6(0.2)
Echinochloa inundata	no	wetland dependent	0(0)	0(0)	0(0)	9(0.2)	7(0.2)	8(0)	4(0.1)	6(0.2)
Eleocharis plana	no	wetland dependent	0(0)	1(0)	0(0)	2(0)	7(0.2)	11(0.2)	80(3)	25(0.5)
Eleocharis sphacelata	yes	wetland dependent	0(0)	5(0)	0(0)	3(0)	92(3.7)	35(0.7)	26(0.5)	6(0.1)
Eragrostis elongata	no	terrestrial	0(0)	0(0)	0(0)	15(0.3)	0(0)	0(0)	4(0.1)	0(0)
Eragrostis parviflora	no	wetland shore	0(0)	0(0)	0(0)	60(1.9)	3(0)	0(0)	14(0.2)	1(0)
Eriochloa procera	no	wetland shore	0(0)	0(0)	0(0)	6(0.1)	3(0)	0(0)	4(0)	0(0)
Eucalyptus tereticornis	no	terrestrial	0(0)	0(0)	0(0)	44(1)	3(0)	2(0.1)	14(0.1)	4(0)
Euphorbia dallachyana	no	terrestrial	0(0)	0(0)	0(0)	10(0.2)	0(0)	0(0)	2(0)	1(0)
Evolvulus alsinoides	no	terrestrial	0(0)	0(0)	0(0)	7(0.1)	0(0)	0(0)	0(0)	0(0)
Fimbristylis dichotoma	no	wetland shore	0(0)	0(0)	0(0)	10(0.2)	0(0)	0(0)	0(0)	0(0)
*Glandularia aristigera**	no	terrestrial	0(0)	0(0)	0(0)	19(0.4)	0(0)	0(0)	0(0)	0(0)
Glinus lotoides	no	wetland shore	0(0)	0(0)	50(0.5)	64(2.2)	0(0)	5(0)	9(0.2)	3(0.1)
Glinus oppositifolius	no	wetland shore	0(0)	0(0)	0(0)	35(1)	0(0)	0(0)	2(0)	0(0)
Glycine tomentella	no	terrestrial	0(0)	0(0)	0(0)	10(0.3)	0(0)	0(0)	0(0)	0(0)
*Gomphrena celosioides**	no	terrestrial	0(0)	0(0)	0(0)	7(0.1)	0(0)	0(0)	0(0)	0(0)
*Heliotropium indicum**	no	wetland shore	0(0)	0(0)	0(0)	20(0.4)	7(0.1)	0(0)	9(0)	0(0)
Hibiscus verdcourtii	no	wetland shore	0(0)	0(0)	0(0)	23(0.5)	0(0)	8(0)	0(0)	0(0)
Hypericum gramineum	no	wetland shore	0(0)	0(0)	0(0)	16(0.4)	0(0)	0(0)	0(0)	0(0)
Juncus usitatus	no	wetland dependent	0(0)	1(0)	0(0)	33(1.1)	10(0.3)	8(0.1)	47(1)	3(0)

Species										
Ludwigia peploides	no	wetland dependent	0(0)	1(0)	50(0.7)	73(2.3)	32(0.5)	88(2.5)	83(2.6)	64(1.9)
Malvastrum americanum	no	terrestrial	0(0)	0(0)	0(0)	22(0.5)	0(0)	0(0)	2(0)	0(0)
Malvastrum coromandelianum*	no	terrestrial	0(0)	0(0)	0(0)	12(0.2)	0(0)	0(0)	0(0)	0(0)
Marsilea drummondii	no	wetland dependent	0(0)	0(0)	0(0)	5(0.1)	0(0)	2(0)	73(2.1)	0(0)
Marsilea mutica	yes	wetland dependent	0(0)	13(0.2)	0(0)	5(0.1)	14(0.3)	35(0.5)	50(1.6)	78(2.8)
Najas tenuifolia	yes	wetland dependent	0(0)	20(0.8)	0(0)	0(0)	0(0)	5(0)	0(0)	28(0.7)
Nymphaea gigantea	yes	wetland dependent	0(0)	66(2.2)	0(0)	0(0)	28(0.9)	0(0)	2(0)	21(0.3)
Nymphoides crenata	yes	wetland dependent	0(0)	0(0)	0(0)	0(0)	7(0.2)	8(0)	35(1)	35(1)
Nymphoides indica	yes	wetland dependent	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	4(0.1)	15(0.6)
Ottelia ovalifolia	yes	wetland dependent	0(0)	6(0.1)	0(0)	0(0)	14(0.2)	8(0.1)	7(0.1)	23(0.6)
Oxalis perennans	no	terrestrial	0(0)	0(0)	0(0)	11(0.2)	0(0)	0(0)	0(0)	0(0)
Paspalidium distans	no	wetland shore	0(0)	0(0)	0(0)	7(0.1)	0(0)	2(0)	9(0.2)	0(0)
Paspalum distichum	no	wetland dependent	0(0)	0(0)	0(0)	25(0.7)	17(0.6)	76(2.8)	40(1.3)	3(0)
Persicaria lapathifolia	no	wetland dependent	0(0)	0(0)	0(0)	20(0.4)	7(0)	23(0.4)	4(0)	10(0.2)
Persicaria orientalis	no	wetland dependent	0(0)	0(0)	0(0)	13(0.2)	14(0.1)	17(0.4)	11(0.3)	7(0.1)
Persicaria prostrata	no	wetland dependent	0(0)	0(0)	0(0)	54(1.5)	3(0)	23(0.5)	26(0.9)	4(0.1)
Phyla canescens*	no	wetland shore	0(0)	0(0)	0(0)	15(0.4)	0(0)	0(0)	16(0.5)	0(0)
Polygonum plebeium	no	wetland shore	0(0)	0(0)	25(0.2)	44(1.3)	3(0)	0(0)	4(0)	3(0)
Polymeria pusilla	no	wetland shore	0(0)	0(0)	0(0)	7(0.2)	0(0)	0(0)	0(0)	0(0)
Pseudoraphis spinescens	no	wetland dependent	0(0)	13(0.4)	0(0)	31(1.1)	60(1.8)	20(0.6)	73(2.4)	75(2.8)
Pterocaulon redolens	no	terrestrial	0(0)	0(0)	0(0)	7(0.1)	0(0)	0(0)	0(0)	0(0)
Senna barclayana	no	terrestrial	0(0)	0(0)	0(0)	22(0.5)	0(0)	0(0)	0(0)	0(0)
Sesbania cannabina	no	wetland shore	0(0)	0(0)	100(4)	16(0.3)	3(0)	20(0.3)	0(0)	1(0)

Species										
Sida hackettiana	no	terrestrial	0(0)	0(0)	0(0)	40(1)	0(0)	0(0)	0(0)	0(0)
*Sida rhombifolia**	no	terrestrial	0(0)	0(0)	0(0)	52(1.5)	0(0)	14(0.4)	11(0.1)	0(0)
*Solanum nodiflorum**	no	terrestrial	0(0)	0(0)	0(0)	11(0.2)	0(0)	2(0)	2(0)	0(0)
*Soliva anthemifolia**	no	wetland shore	0(0)	0(0)	0(0)	7(0.2)	3(0)	0(0)	14(0.4)	0(0)
*Sonchus oleraceus**	no	terrestrial	0(0)	0(0)	0(0)	7(0.1)	0(0)	0(0)	0(0)	0(0)
Spirodela oligorhiza	yes	wetland dependent	0(0)	1(0)	0(0)	0(0)	21(0.7)	20(0.5)	2(0)	20(0.5)
Swainsona luteola	no	wetland shore	0(0)	0(0)	0(0)	50(1.3)	0(0)	2(0)	2(0)	0(0)
Vallisneria nana	yes	wetland dependent	0(0)	65(2.3)	0(0)	0(0)	0(0)	0(0)	0(0)	20(0.7)
*Verbena incompta**	no	terrestrial	0(0)	0(0)	0(0)	21(0.5)	0(0)	0(0)	0(0)	0(0)
*Xanthium occidentale**	no	wetland shore	0(0)	0(0)	0(0)	12(0.3)	7(0)	8(0.2)	33(0.4)	0(0)