

## Appendix 2. Species list and percentage frequency of taxa according to the regional ecosystems defined in this paper

Species nomenclature follows Henderson (2002), except where authorities are provided. Exotic species are identified with a superscripted asterisk, following Henderson with the exception of *Cyonodon dactylon* which is considered here as an exotic. Species occurring on Great Artesian Basin discharge spring wetlands are identified with a superscripted I, and species occurring on recharge spring wetlands with a superscripted R. A species class is provided according to Fensham and Price (2004) where endemic species (E) are only known from the wetlands of permanent springs, principal species (P) occupy the wetland habitat that is permanently inundated and are not normally known outside wetlands that are flooded for extended periods (i.e. more than 50% of the time), facultative species (F) occupy the habitat that is permanently inundated but are also known from terrestrial habitats in other parts of their species ranges, seasonal species (S) occupy the areas of the spring wetland that are only seasonally wet (hence chiefly confined to springs with fluctuating flows), aquatic species (A) occupy areas of free water where this habitat is available in large spring wetlands or where mechanical excavation has formed dams and microhabitat species (M) occur around the margins of spring wetlands where the location of a spring provides suitable microhabitat (i.e. sheltered, humid and usually rocky habitat provided around recharge springs set in gully heads on rocky ranges). Incidental species, defined by Fensham and Price (2004) as species that can occur in any particular spring wetland but have their primary habitat in the terrestrial habitats in the vicinity of that spring, are not included. The spring wetland regional ecosystems are identified by the biogeographic-region (number before the point) and land-zone codes (number after the point) (see Table 1)

	Species class	1.1	1.9	1.11	2.3	2.1	4.3	5.3	6.3	6.7	9.8	9.1	10.3	10.1	11.3	11.1
Pteridophyta																
Adiantaceae																
<i>Adiantum atroviride</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	7	21
<i>A. capillus-veneris</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>A. diaphanum</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>A. formosum</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>A. hispidulum</i> <sup>R</sup>	M	-	-	-	-	6	-	-	-	8	-	-	-	-	-	3



Dryopteridaceae

<i>Arachniodes aristata</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>Lastreopsis acuminata</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3

Gleicheniaceae

<i>Dicranopteris linearis</i> <sup>R</sup>	P	56	-	-	-	33	-	-	-	-	-	9	-	-	-	18
<i>Gleichenia dicarpa</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
<i>Sticherus flabellatus</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21

Lindsaeaceae

<i>Lindsaea ensifolia</i> <sup>R</sup>	P	78	100	-	-	50	-	-	-	8	-	21	-	-	-	-
--	---	----	-----	---	---	----	---	---	---	---	---	----	---	---	---	---

Marsileaceae

<i>Marsilea costulifera</i>	S	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
<i>M. crenata</i> <sup>I</sup>	S	-	-	-	20	-	-	-	-	-	-	-	-	-	-	-
<i>M. exarata</i> <sup>IR</sup>	S	-	-	-	-	-	-	4	-	-	-	11	-	4	-	-
<i>M. hirsuta</i> <sup>IR</sup>	S	-	-	-	10	6	17	-	-	-	17	3	56	7	31	-
<i>M. mutica</i>	S	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-

Nephrolepidaceae

<i>Nephrolepis biserrata</i>	M	33	-	-	-	-	-	-	-	-	2	-	-	-	-	-
<i>N. cordifolia</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>N. hirsutula</i> <sup>R</sup>	M	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-

Ophioglossaceae

*Ophioglossum reticulatum*<sup>R</sup> S - - - - - - - - - - - - - - - 3

Parkeriaceae

*Ceratopteris thalictroides*<sup>R</sup> P - - - - 11 - - - - 27 3 - - 4 -

Pteridiaceae

*Acrostichum speciosum*<sup>R</sup> P - - - - - - - - - - 9 - - - -

*Pteris tremula*<sup>R</sup> M - - - - - - - - - - - - - - 3

*P. tripartita*<sup>R</sup> M - - - - 6 - - - - - - - - - -

*P. vittata*<sup>R</sup> M - - - - - - - - - - - - - - 7

Schizaeaceae

*Lygodium flexuosum*<sup>R</sup> P - - - - 17 - - - - - 3 - - 4 -

*L. microphyllum*<sup>R</sup> F 44 - - - - - - - - - - - - - 4 21

Thelypteridaceae

*Ampelopteris prolifera*<sup>R</sup> P - - - - - - - - - - - - - 14 7

*Christella dentata*<sup>R</sup> M 11 - - - - - - - - - 2 6 - - 4 61

*Cyclosorus interruptus*<sup>R</sup> P - - - 10 22 - - - 8 7 12 - - 24 7

*Macrothelypteris torresiana*<sup>R</sup> M - - - - 6 - - - - - 3 - - - 7

*Thelypteris confluens*<sup>R</sup> P - - - - - - - - - - - - - 4 -

Angiospermeae

Alismataceae

*Caldesia oligococca*<sup>IR</sup> A - - - - 6 - - - - - - - - - -

Amaranthaceae

*Alternanthera angustifolia*<sup>IR</sup> S - - - - - 17 8 7 8 - - 11 28 10 7

Anthericaceae

*Thysanotus tuberosus*<sup>R</sup> F - - - - - - - - - - - - - 4 -

Apiaceae

*Apium prostratum*<sup>R</sup> P - - - - - - - - - - - - - 4 -

*Centella asiatica*<sup>R</sup> P - - - - - - - - - 5 15 11 - 34 39

*Cyclospermum leptophyllum*<sup>\*R</sup> F - - - - - - - - - - - - - 17 14

*Eryngium fontanum*<sup>IR</sup> E - - - - - - - - - - - 22 - - -

*E. plantagineum* S - - - - - - - - - - - - - 4 -

*Hydrocotyle acutiloba*<sup>R</sup> S - - - - - - - - - 5 - - - 14 50

*H. grammatocarpa* S - - - - - - - - - - 3 - - - -

*H. laxiflora*<sup>R</sup> F - - - - - - - - - - - - - 4 3

*H. peduncularis*<sup>R</sup> P - - - - - - - - - - - - - 24 14

*H. dipleura* A.R.Bean<sup>IR</sup> S - - - - - - - 7 - - - 44 - - -

<i>Hydrocotyle</i> sp. (RJ Fensham 4098) <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	3	-	-	-	-
<i>H. verticillata</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	12	-	-	-	21 3
Araceae															
<i>Alocasia brisbanensis</i>	P	-	-	-	-	-	-	-	-	-	2	-	-	-	-
<i>Colocasia esculenta</i> <sup>*</sup>	P	-	-	-	-	-	-	-	-	-	7	-	-	-	-
Acanthaceae															
<i>Hygrophila angustifolia</i>	S	-	-	-	-	6	-	-	-	-	-	-	-	-	-
Arecaceae															
<i>Corypha utan</i>	P	-	-	-	10	-	-	-	-	-	-	-	-	-	-
<i>Phoenix dactylifera</i> <sup>*1</sup>	P	-	-	-	-	-	-	8	-	-	2	-	-	-	-
<i>Livistona mariae</i> subsp. <i>rigida</i>	F	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Araliaceae															
<i>Schefflera actinophylla</i>	M	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Asclepiadaceae															
<i>Cryptostegia grandiflora</i> <sup>*1</sup>	F	-	-	-	10	-	-	-	-	-	5	-	11	-	-
<i>Marsdenia rostrata</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Asteraceae															
<i>Acmella grandiflora</i> var. <i>brachyglossa</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	7	12	11	-	7 -

<i>Adenostemma lavenia</i> <sup>R</sup>	P	-	-	-	10	-	-	-	-	-	12	3	-	-	7	14
<i>Aster subulatus</i> <sup>*IR</sup>	P	-	-	-	-	-	17	-	7	-	5	-	11	3	41	29
<i>Baccharis halimifolia</i> <sup>*R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
<i>Blumea mollis</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
<i>Centipeda minima</i> <sup>IR</sup>	S	-	-	-	-	-	-	7	33	2	3	-	7	17	18	
<i>Cotula australis</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
<i>Crassocephalum crepidioides</i> <sup>*R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
<i>Eclipta platyglossa</i> <sup>IR</sup>	S	-	-	-	-	-	-	4	-	-	-	-	-	-	-	7
<i>E. prostrata</i> <sup>IR</sup>	F	-	-	-	10	-	17	-	-	-	24	9	-	3	7	-
<i>Emilia sonchifolia</i> <sup>*R</sup>	S	-	-	-	-	11	-	-	-	-	2	12	11	-	-	7
<i>Epaltes australis</i> <sup>IR</sup>	S	-	-	-	-	-	17	-	-	-	-	-	33	45	4	3
<i>Pluchea rubelliflora</i> <sup>I</sup>	F	-	-	-	10	-	-	-	-	-	-	6	-	-	-	-
<i>Senecio runcinifolius</i> <sup>I</sup>	S	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
<i>Youngia japonica</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	4	18

#### Brassicaceae

<i>Cardamine</i> sp. (RJ Fensham 3774) <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
<i>Rorippa nasturtiumaquaticum</i> <sup>*R</sup>	P	-	-	-	-	-	-	-	-	-	5	-	-	-	4	7

#### Burmanniaceae

<i>Burmannia disticha</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Callitrichaceae																
<i>Callitriche muelleri</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>C. sonderi</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
<i>C. stagnalis</i> Scop. <sup>*R</sup>	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Campanulaceae																
<i>Isotoma fluviatilis</i> <sup>IR</sup>	P	-	-	-	-	-	-	4	-	-	-	22	-	-	-	-
<i>Lobelia alata</i> <sup>R</sup>	P	-	-	-	-	6	-	-	-	-	-	-	-	-	3	-
<i>L. membranacea</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	15	18	-	-	7	11	-
<i>L. quadrangularis</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	7	3	-	-	4	-	-
<i>Pratia concolor</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	5	-	-	-	17	21	-
<i>Wahlenbergia stricta</i> subsp. <i>alterna</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Cannaceae																
<i>Canna × orchiodes</i> <sup>*R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Caryophyllaceae																
<i>Drymaria cordata</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>Stellaria angustifolia</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Casuarinaceae																
<i>Casuarina cristata</i> <sup>I</sup>	F	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-





<i>C. polyantha</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	10	14
<i>C. rhytidocarpa</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
<i>Cyperus alopecuroides</i>	P	-	-	-	-	-	-	-	-	20	-	-	-	-	-	-
<i>C. alterniflorus</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	3	11	3	-	3	-
<i>C. aquatilis</i> <sup>R</sup>	S	-	-	-	-	22	-	-	-	2	6	-	-	-	-	3
<i>C. betchei</i>	S	-	-	-	-	6	-	-	-	-	-	-	10	4	-	-
<i>C. bifax</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
<i>C. brevifolius</i> <sup>*R</sup>	F	-	-	50	10	11	-	-	-	10	15	-	-	-	17	3
<i>C. cristulatus</i> <sup>R</sup>	S	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>C. dactyloides</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-
<i>C. decompositus</i> <sup>R</sup>	S	-	-	-	10	17	-	-	-	-	6	-	-	-	-	-
<i>C. difformis</i> <sup>IR</sup>	P	-	-	-	20	28	33	-	32	50	49	38	67	79	41	36
<i>C. exaltatus</i> <sup>IR</sup>	P	-	-	-	10	-	17	-	-	-	71	12	11	3	34	29
<i>C. flaccidus</i> <sup>R</sup>	S	-	-	-	-	33	-	-	-	-	5	-	-	-	4	-
<i>C. flavidus</i> <sup>IR</sup>	P	-	-	-	-	-	-	-	-	-	76	18	22	-	55	32
<i>C. gunnii</i> subsp. <i>novae-hollandiae</i> <sup>R</sup>	P	-	-	-	-	-	-	-	4	25	-	-	-	-	7	14
<i>C. gymnocaulus</i> <sup>IR</sup>	S	-	-	-	-	-	-	15	4	-	-	-	-	-	4	3
<i>C. haspan</i> <sup>R</sup>	P	89	-	-	10	78	-	-	-	-	10	35	11	-	24	25

<i>C. holoschoenus</i> <sup>R</sup>	S	67	-	-	-	50	-	-	-	-	-	3	-	-	-	-
<i>C. involucratus</i> <sup>*</sup>	P	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
<i>C. iria</i> <sup>IR</sup>	S	-	-	-	10	-	-	-	-	-	-	3	11	45	-	-
<i>C. javanicus</i> <sup>IR</sup>	S	-	-	-	10	6	-	-	-	-	-	3	-	-	4	-
<i>C. laevigatus</i> <sup>IR</sup>	P	-	-	-	20	-	67	46	50	-	2	3	56	-	7	-
<i>C. lucidus</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	3	-	-	4	3
<i>C. melanospermus</i> <sup>*</sup>	P	-	-	-	-	-	-	-	-	-	10	9	-	-	-	-
<i>C. nutans</i> var. <i>eleusinoides</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>C. odoratus</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	5	-	-	-	4	-
<i>C. oxycarpus</i>	S	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>C. pilosus</i>	P	-	-	-	-	-	-	-	-	-	5	6	-	-	-	-
<i>C. polystachyos</i> <sup>IR</sup>	P	22	-	50	20	33	17	-	-	25	20	44	44	59	38	46
<i>C. portae-tartari</i>	S	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>C. procerus</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
<i>C. rotundus</i> <sup>*R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
<i>C. sanguinolentus</i> <sup>IR</sup>	P	-	-	-	-	6	-	-	-	-	29	12	44	-	28	25
<i>C. scariosus</i>	S	-	-	-	10	-	-	-	-	-	2	-	-	-	-	-
<i>C. sphaeroideus</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	7	6	-	-	10	7
<i>C. squarrosus</i> <sup>IR</sup>	S	-	-	-	-	-	-	-	-	-	-	-	11	7	-	-

<i>C. trinervis</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
<i>C. unioloides</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	24	3	-	-	21	7	
<i>C. vaginatus</i>	P	-	-	100	-	-	-	-	-	-	-	-	-	-	-	
<i>C. victoriensis</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	5	-	11	-	-	-	
<i>Eleocharis atricha</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	4	11	
<i>E. atropurpurea</i>	P	-	-	-	-	-	-	-	-	7	-	-	-	-	-	
<i>E. cylindrostachys</i> <sup>R</sup>	P	-	-	-	-	11	-	-	-	20	-	11	-	24	21	
<i>E. dietrichiana</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	7	-	
<i>E. equisetina</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	2	-	11	-	10	-	
<i>E. geniculata</i>	P	-	-	-	-	6	-	-	-	20	38	-	-	-	-	
<i>E. minuta</i> <sup>*R</sup>	P	-	-	-	-	-	-	-	-	5	18	-	-	-	-	
<i>E. ochrostachys</i>	P	-	-	-	-	6	-	-	-	-	-	-	-	-	-	
<i>E. pallens</i> <sup>IR</sup>	P	-	-	-	-	-	-	-	-	-	-	11	-	17	-	
<i>E. philippinensis</i> <sup>R</sup>	P	-	-	-	-	6	-	-	-	2	3	-	-	-	-	
<i>E. plana</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	7	-	11	3	7	-	
<i>E. pusilla</i> <sup>I</sup>	P	-	-	-	-	-	-	-	-	-	-	11	-	-	-	





<i>Schoenoplectus erectus</i> <sup>*R</sup>	P	-	-	-	-	-	-	-	-	-	7	3	-	7	-	3
<i>S. lateriflorus</i>	P	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
<i>S. mucronatus</i> <sup>R</sup>	P	-	-	-	10	-	-	-	-	-	63	12	11	-	41	32
<i>S. praelongatus</i>	P	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>S. validus</i> <sup>IR</sup>	P	-	-	-	-	-	17	-	4	8	44	6	22	-	48	14
<i>Schoenus apogon</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	21	11
<i>S. falcatus</i> <sup>IR</sup>	P	-	-	-	10	6	17	-	7	-	7	18	11	-	14	-
<i>S. melanostachys</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>S. yarrabensis</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	2	6	-	-	7	-
<i>Scleria levis</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>S. rugosa</i> <sup>R</sup>	S	33	100	-	-	22	-	-	-	-	-	6	-	3	-	-
<i>Drosera binata</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>D. burmanni</i> <sup>R</sup>	P	-	-	-	-	11	-	-	-	-	-	3	-	-	21	3
<i>D. indica</i> <sup>IR</sup>	S	33	-	-	-	11	-	-	-	8	-	12	11	7	4	-
<i>D. spatulata</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7

#### Elatinaceae

<i>Elatine gratioides</i> <sup>IR</sup>	P	-	-	-	-	-	-	-	-	-	-	-	11	3	21	11
---	---	---	---	---	---	---	---	---	---	---	---	---	----	---	----	----

#### Eriocaulaceae

<i>Eriocaulon athertonense</i> <sup>R</sup>	P	-	-	-	-	22	-	-	-	-	2	15	-	-	4	-
<i>E. carsonii</i> <sup>IR</sup>	E	-	-	-	10	-	33	-	4	-	-	6	33	-	10	-
<i>E. cinereum</i>	F	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>E. concretum</i>	F	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
<i>E. depressum</i> <sup>R</sup>	F	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>E. nanum</i>	F	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
<i>E. scariosum</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	17	21
<i>E. truncatum</i>	F	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>E. tortuosum</i>	F	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Euphorbiaceae																
<i>Adriana tomentosa</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
Fabaceae																
<i>Aeschynomene indica</i> <sup>*IR</sup>	S	-	-	-	10	-	17	-	-	8	-	3	22	31	17	3
<i>A. villosa</i> <sup>*R</sup>	F	-	-	-	-	6	-	-	-	-	-	3	-	-	-	-
<i>Sesbania cannabina</i> <sup>IR</sup>	S	-	-	-	30	6	33	-	4	-	27	18	33	28	24	-
<i>S. erubescens</i> <sup>I</sup>	F	-	-	-	10	-	-	-	-	-	5	-	-	-	-	-
Gentianaceae																



<i>Centaurium spicatum</i> <sup>*IR</sup>	F	-	-	-	-	-	-	-	4	-	-	3	11	-	4	3
---	---	---	---	---	---	---	---	---	---	---	---	---	----	---	---	---

Haloragaceae

<i>Gonocarpus chinensis</i> subsp. <i>verrucosus</i> <sup>R</sup>	F	-	-	-	-	6	-	-	-	-	-	-	-	-	10	-
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	---

<i>Haloragis heterophylla</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	7	9	-	-	14	14
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----	----

<i>Myriophyllum artesium</i> Halford & Fensham <sup>IR</sup>	E	-	-	-	-	-	33	-	25	-	-	-	44	-	4	-
---	---	---	---	---	---	---	----	---	----	---	---	---	----	---	---	---

<i>M. gracile</i> var. <i>gracile</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>M. gracile</i> var. <i>lineare</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>M. implicatum</i> <sup>IR</sup>	P	-	-	-	-	-	-	-	-	-	-	-	11	3	-	7
------------------------------------	---	---	---	---	---	---	---	---	---	---	---	---	----	---	---	---

<i>M. simulans</i> <sup>R</sup>	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
---------------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>M. verrucosum</i> <sup>IR</sup>	A	-	-	50	-	-	-	-	7	-	12	-	-	-	10	3
------------------------------------	---	---	---	----	---	---	---	---	---	---	----	---	---	---	----	---

Hydrocharitaceae

<i>Blyxa aubertii</i> <sup>R</sup>	P	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
------------------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>Hydrocharis dubia</i>	P	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
--------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>Ottelia alismoides</i>	A	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
---------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

<i>O. ovalifolia</i> <sup>R</sup>	A	-	-	-	10	6	-	-	-	-	2	-	-	3	7	3
-----------------------------------	---	---	---	---	----	---	---	---	---	---	---	---	---	---	---	---



<i>U. caerulea</i> <sup>IR</sup>	F	-	-	-	10	11	17	-	7	-	-	9	22	-	4	3
<i>U. dichotoma</i> <sup>IR</sup>	P	-	-	-	10	-	33	-	4	-	-	6	22	-	24	3
<i>U. gibba</i> <sup>IR</sup>	P	-	-	-	20	11	-	-	-	-	7	9	22	-	14	3
<i>U. limosa</i>	S	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>U. uliginosa</i>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Loganiaceae																
<i>Mitrasacme paludosa</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
Lythraceae																
<i>Ammannia baccifera</i>	S	-	-	-	-	6	-	-	-	-	20	6	-	-	-	-
<i>A. multiflora</i> <sup>IR</sup>	S	-	-	50	-	17	-	-	-	17	15	15	22	17	-	3
<i>Lythrum paradoxum</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	22	-	-	-	14	7
<i>L. salicaria</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-
<i>Rotala diandra</i> <sup>R</sup>	P	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>R. mexicana</i> <sup>R</sup>	P	22	-	-	-	11	-	-	-	-	-	-	-	-	-	-
<i>R. occultiflora</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	9	-	7	-	-
<i>R. tripartita</i>	P	-	-	-	-	-	-	-	-	-	17	21	-	-	-	-
Melastomataceae																
<i>Melastoma affine</i> <sup>R</sup>	F	89	-	-	-	22	-	-	-	-	-	6	-	-	-	14
Menyanthaceae																



<i>E. coolabah</i> <sup>IR</sup>	F	-	-	-	-	-	17	-	-	-	-	-	-	-	4	-
<i>E. tereticornis</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
<i>Leptospermum juniperinum</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
<i>L. polygalifolium</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
<i>Lophostemon grandiflorus</i>	F	22	-	100	-	-	-	-	-	-	18	-	-	-	-	-
<i>L. suaveolens</i> <sup>R</sup>	F	-	-	-	-	11	-	-	-	-	12	-	-	-	7	3
<i>Melaleuca bracteata</i> <sup>IR</sup>	F	-	-	50	-	-	-	-	17	51	32	56	3	7	3	-
<i>M. fluviatilis</i> <sup>R</sup>	F	67	-	-	10	-	-	-	-	2	15	11	-	-	-	-
<i>M. leucadendra</i> <sup>IR</sup>	F	44	100	-	40	61	-	-	-	10	21	11	-	3	3	-
<i>M. trichostachya</i> <sup>R</sup>	F	-	-	-	-	-	-	-	17	-	-	-	-	-	14	3
<i>M. nervosa</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
<i>M. viridiflora</i> <sup>I</sup>	F	33	-	-	10	-	-	-	-	-	-	-	-	-	-	-
<i>Syzygium angophoroides</i>	P	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Nymphaeaceae



<i>D. revoluta</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
Phylidraceae																
<i>Philydrum lanuginosum</i> <sup>R</sup>	P	67	-	-	-	22	-	-	-	-	5	15	11	7	28	32
Plantaginaceae																
<i>Plantago debilis</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3
<i>P. gaudichaudii</i> <sup>IR</sup>	P	-	-	-	-	-	17	-	-	-	-	-	-	-	4	-
Poaceae																
<i>Agrostis avenacea</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	5	-	-	-	31	21
<i>Arthraxon hispidus</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
<i>Arundinella nepalensis</i> <sup>R</sup>	F	-	-	-	-	33	-	-	-	-	2	18	-	-	17	7
<i>Arundo donax</i> <sup>*R</sup>	P	-	-	-	-	-	-	-	-	-	2	-	11	-	-	-
<i>Axonopus compressus</i> <sup>*R</sup>	F	-	-	-	-	6	-	-	-	-	-	3	-	-	-	3
<i>Brachiaria mutica</i> <sup>*IR</sup>	P	-	-	-	-	-	17	-	-	-	29	3	22	7	7	-
<i>Capillipedium parviflorum</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	21	11
<i>Cynodon dactylon</i> <sup>*IR</sup>	F	-	100	100	40	6	50	8	46	25	63	35	78	55	59	57
<i>Dichelachne rara</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
<i>Dimeria</i> sp. (Salvator Rosa RJ Fensham 3643) <sup>R</sup>	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>Echinochloa colona</i> <sup>*IR</sup>	S	11	-	50	30	50	33	-	14	25	54	35	56	59	31	39





<i>Leersia hexandra</i> <sup>IR</sup>	P	-	-	-	30	17	-	-	-	-	66	35	33	-	41	29
<i>Leptochloa digitata</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-
<i>L. fusca</i> <sup>IR</sup>	S	-	-	-	20	-	33	38	64	8	5	-	56	31	14	-
<i>L. neesii</i>	S	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
<i>Oplismenus aemulus</i> <sup>R</sup>	M	-	-	-	-	-	-	-	-	-	-	-	-	-	7	18
<i>Oryza australiensis</i>	S	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
<i>Panicum paludosum</i>	P	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
<i>P. trichoides</i> <sup>R</sup>	S	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-
<i>Paspalum conjugatum</i> <sup>*</sup>	P	-	-	-	-	6	-	-	-	-	2	9	-	-	-	-
<i>P. dilatatum</i> <sup>*IR</sup>	F	-	-	-	-	-	17	-	-	-	20	-	11	-	59	36
<i>P. distichum</i> <sup>IR</sup>	F	-	-	-	-	-	-	-	-	-	17	-	67	7	45	14
<i>P. longifolium</i> <sup>R</sup>	P	-	-	-	-	6	-	-	-	-	-	-	-	-	-	3
<i>P. scrobiculatum</i> <sup>IR</sup>	F	22	-	-	30	22	-	-	-	-	29	26	-	-	17	18
<i>P. urvillei</i> <sup>*R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	21	14
<i>P. vaginatum</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-
<i>Pennisetum alopecuroides</i> <sup>IR</sup>	F	-	-	-	-	-	17	-	4	-	15	3	22	-	45	25
<i>Phragmites australis</i> <sup>IR</sup>	P	-	-	-	10	6	33	8	11	-	29	9	33	-	62	21

<i>Polypogon monspeliensis</i> <sup>*1</sup>	P	-	-	-	-	-	-	-	4	-	-	-	-	-	-	
<i>Pseudoraphis spinescens</i>	S	-	-	-	10	-	-	-	-	-	-	-	-	-	-	
<i>Sacciolepis indica</i> <sup>R</sup>	P	-	-	-	-	44	-	-	-	-	2	15	11	-	14	18
<i>S. myosuroides</i> <sup>R</sup>	P	-	-	-	-	11	-	-	-	-	2	9	-	-	-	-
<i>Sporobolus pamela</i> <sup>IR</sup>	E	-	-	-	-	-	17	-	7	-	-	-	33	-	-	-
Polygalaceae																
<i>Salomonina ciliata</i> <sup>R</sup>	S	-	-	-	-	6	-	-	-	-	-	-	-	-	4	-
Polygonaceae																
<i>Muehlenbeckia florulenta</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	8	-	-	-	-	4	3
<i>Persicaria attenuata</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	7	-	-	7	4	3
<i>P. barbata</i> <sup>R</sup>	P	-	-	50	10	-	-	-	-	-	15	6	-	-	-	3
<i>P. decipiens</i> <sup>IR</sup>	P	-	-	-	-	-	-	-	-	-	20	3	22	-	31	32
<i>P. hydropiper</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	14	3
<i>P. lapathifolia</i> <sup>*R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
<i>P. orientalis</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	3	-	-	4	-

<i>P. prostrata</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
<i>P. strigosa</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
<i>P. subsessilis</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	2	-	-	-	-	-	7
<i>Rumex brownii</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	21	14
<i>R. tenax</i> <sup>IR</sup>	S	-	-	-	-	-	-	4	-	-	-	-	-	-	4	-
Pontederiaceae																
<i>Monochoria cyanea</i> <sup>IR</sup>	A	-	-	-	-	11	17	-	-	-	2	3	11	34	4	-
Potamogetonaceae																
<i>Potamogeton javanicus</i>	A	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
<i>P. pectinatus</i>	A	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
<i>P. tricarinatus</i> <sup>R</sup>	A	-	-	-	-	-	-	-	-	44	-	11	3	-	-	-
Primulaceae																
<i>Samolus valerandii</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3
Ranunculaceae																
<i>Ranunculus lappaceus</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	24	3
<i>R. meristus</i> B.G. Briggs & Makinson <sup>R</sup>	P	-	-	-	-	-	-	-	-	27	-	-	-	-	17	18



<i>Mecardonia procumbens</i> *	S	-	-	-	-	-	-	-	-	-	3	-	-	-	-
<i>Microcarpaea minima</i>	S	11	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Microcarpaea</i> (sp. RJ Fensham 4176)	E	-	-	-	-	-	-	-	-	-	-	-	3	-	-
<i>Mimulus</i> sp. (RJ Fensham 4416)	E	-	-	-	-	-	-	-	-	15	-	-	-	-	-
<i>Peplidium foecundum</i> <sup>I</sup>	S	-	-	-	-	-	-	-	-	-	-	-	3	-	-
<i>Peplidium</i> sp. (Edgbaston RJ Fensham 3341) <sup>I</sup>	E	-	-	-	-	-	-	-	-	-	-	11	-	-	-
<i>Peplidium</i> sp. (RJ Fensham 3380) <sup>R</sup>	E	-	-	-	-	-	-	-	-	-	-	11	-	-	-
<i>Stemodia glabella</i> <sup>I</sup>	F	-	-	-	-	17	8	32	-	-	-	11	-	-	-
<i>Veronica plebeia</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Sparganiaceae															
<i>Sparganium subglobosum</i> <sup>R</sup>	P	-	-	-	-	-	-	-	-	2	-	-	-	-	3
Stylidiaceae															
<i>Stylidium debile</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	14
<i>S. rotundifolium</i> <sup>R</sup>	P	-	-	-	-	33	-	-	-	5	3	-	-	10	-
<i>S. tenerum</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	6	-	-	-	7
<i>S. velleioides</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	3	11	3	4	-

Typhaceae																
<i>Typha domingensis</i> <sup>IR</sup>	P	-	-	-	30	-	-	-	-	-	54	18	22	-	4	7
<i>T. orientalis</i> <sup>IR</sup>	P	-	-	-	-	-	33	23	7	17	2	3	22	10	45	21
Urticaceae																
<i>Laportea interrupta</i> <sup>R</sup>	S	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-
<i>Pouzolzia hirta</i>	E	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
Verbenaceae																
<i>Phyla nodiflora</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	10	-	-	-	4	-
Violaceae																
<i>Viola betonicifolia</i> <sup>R</sup>	F	-	-	-	-	-	-	-	-	-	-	-	-	-	24	14
Xyridaceae																
<i>Xyris complanata</i> <sup>R</sup>	F	33	-	-	-	39	-	-	-	-	2	9	-	-	10	7
<i>X. oligantha</i> <sup>R</sup>	S	-	-	-	-	11	-	-	-	-	-	6	-	-	-	-
Number of sites		9	1	2	10	18	6	13	28	12	41	34	9	29	29	28