Biodiversity patterns and their conservation in wetlands of the Western Australian wheatbelt

S.A. Halse, M.N. Lyons, A.M. Pinder and R.J. Shiel

Appendix 1: Descriptions of wetlands sampled
Appendix 2: Full wetland species data
Appendix 3: UPGMA wetland classification
Appendix 4: UPGMA species classification

Appendix 1. Codes, names, locations and descriptions of the 197 wetland and river sites used in analyses

		Latitude			Longitude			
Code	Site name	Deg	Min	Sec	Deg	Min	Sec	Description
SPM001	Lake Bryde	33	21	14	118	49	26	basin lake with *Muehlenbaeckia/Tecticornia* on bed
SPM002	Lake Logue	29	51	20	115	8	50	open lake with *Casuarina/Melaleuca* fringe
SPM003	Lake Towerinning	33	34	29	116	46	60	open lake with sparse *Melaleuca/Eucalyptus rudis* fringe
SPM004	Lake Coyrecup	33	43	19	117	49	55	open lake with dead tree and samphire fringe
SPM005	Wheatfield	33	48	23	121	55	52	open lake with *Melaleuca/Baumea* fringe
SPM006	Lake Altham	33	24	28	118	26	49	saline playa
SPM007	Lake Noobijup	34	24	30	116	47	28	sedge swamp
SPM010	Lake View	30	35	34	115	58	4	open lake with partly dead *Melaleuca/Casuarina* fringe
SPM011	Kulicup	33	49	39	116	40	13	sedge swamp
SPM012	Lake Campion	31	8	28	118	20	17	saline playa
SPM014	Lake Coomelberrup	33	24	36	117	47	1	open lake with dead tree and samphire fringe
SPM015	Walymouring Lake	31	8	50	116	52	20	open lake with dead tree and samphire fringe
SPM016	Lake Eganu	30	0	8	115	52	25	swamp with dead trees on bed
SPM017	Maisey Lagoon	31	15	16	117	4	23	lake with *Eragrostis* on bed and *Eucalyptus* fring
SPM019	Paperbark Swamp	32	24	56	118	5	51	swamp with *Melaleuca/Eucalyptus* on bed
SPM020	Coomalbidgup Lake	33	43	7	121	22	12	lake with dead or regenerating *Eucalyptus* on bed
SPM022	Yaalup Swamp	33	45	21	118	35	30	centre open, *Melaleaca/Eucaltptus* on bed
SPM024	Lake Pleasant View	34	49	44	118	11	8	sedge swamp
SPM025	Lake Ronnerup	33	15	9	119	37	7	saline playa
SPS001	Yenyenning Lakes	32	13	47	117	10	36	saline playa
SPS002	Toodyay Brook at Dewars Pool	31	27	40	116	25	59	river
SPS003	Lake Cronin	32	23	30	119	45	55	open lake with *Melaleuca* fringe
SPS004	Jimperding Brook	31	35	32	116	21	43	river
SPS005	Christopher Brook	32	10	12	116	47	39	river
SPS006	Lake Walbyring	32	56	26	117	35	33	swamp with dead trees
SPS007	Lake Dulbining	32	54	24	117	36	49	swamp with dead trees
SPS008	Helena River	31	56	37	116	26	11	river
SPS009	Lake Mears	32	13	40	117	21	30	saline playa with dead trees
SPS010	Dale River	32	18	8	116	41	16	river
SPS011	Nonalling Lake	32	32	1	117	36	28	swamp with dead trees
SPS012	Little White Lake	33	0	42	117	26	28	swamp with dead trees
SPS013	Hotham River	32	38	35	116	58	29	river
SPS014	Boase's Seep	31	19	17	116	58	1	saline seep and palaeodrainage channel
SPS015	Cowcowing Lakes	30	55	46	117	22	43	saline playa
SPS016	Kondinin Salt Marsh Lake	32	34	52	118	24	12	saline playa
SPS017	Kondinin Samphire Marsh	32	35	25	118	24	42	samphire swamp
SPS019	Lake Varley	32	42	23	119	21	23	saline playa
SPS021	Emu Rock Lake	32	27	46	119	25	1	saline playa
SPS022	Baandee Lake	31	35	28	117	57	21	saline playa
SPS023	Goonaping Swamp	32	8	56	116	35	35	low *Melaleuca* shrub swamp
SPS024	Pike's Swamp	32	13	41	116	53	24	open lake with sedge fringe
SPS025	Fisher's Lake	32	48	10	118	37	48	open lake with *Melaleuca* and samphire fringe

Code	Site name	Latitude			Longitude			Description
		Deg	Min	Sec	Deg	Min	Sec	
SPS026	Eadine Spring	31	42	52	116	32	10	spring
SPS027	Clarke's Wetland	31	23	51	116	36	28	sedge swamp
SPS031	Nalyerin Lake	33	8	51	116	22	15	sedge swamp
SPS032	Qualeup Lake	33	50	19	116	45	52	sedge swamp
SPS038	Meeking Lake	33	14	43	116	47	1	open lake with *Baumea/Eucalyptus* fringe
SPS039	Dead Man's Swamp	33	30	5	116	57	34	open lake with *Casuarina/Eucalypt* fringe
SPS040	Pearse's Lake	31	37	52	116	54	40	open lake with sedge and sparse *Eucalyptus* fringe
SPS041	Master's Lake Fresh	31	34	5	117	25	22	open lake with sedge fringe
SPS042	Warren Road Lake	33	36	25	117	42	30	open lake with samphire and dead tree fringe
SPS043	Koorda Claypan	30	58	7	117	27	47	excavated claypan
SPS045	Venemore's Pond	31	58	58	117	47	45	open lake (arisen since clearing)
SPS046	North Wallambin NR Lake	30	55	7	117	37	58	saline playa
SPS047	Mill's wetlands	32	16	22	117	14	40	open lake (arisen since clearing)
SPS048	Frog Rock	31	29	49	119	13	57	granite outcrop pools
SPS049	Yilgarn Lake	31	57	12	119	17	59	Yate swamp
SPS051	Nulla Nulla Lake	31	29	20	119	1	32	saline playa
SPS052	Simpson's Lake	32	11	14	117	33	56	open lake (arisen since clearing)
SPS053	Arthur River Flats Lake	33	4	37	117	16	28	open lake with samphire and dead tree fringe
SPS054	Puntapin Rock	33	19	31	117	24	2	granite outcrop pools
SPS055	Parkeyerring Lake	33	22	29	117	21	16	open lake with thin *Casuarina* fringe
SPS056	Bushy Swamp	33	32	35	117	15	58	open lake with Yate/*Melaleuca* fringe
SPS057	Frost's Lake	33	15	5	118	20	55	saline playa
SPS058	Isthmus Lake	33	19	30	118	27	5	saline playa
SPS059	Cairn Rock	31	51	31	118	50	39	granite outcrop pools
SPS060	Job's Sump	32	21	15	117	39	27	soak
SPS062	Corboule's Lake	32	22	21	118	2	58	samphire swamp
SPS063	Twonkwilling Pool	33	43	7	117	35	15	river
SPS064	Larke's Claypan	32	18	27	118	2	45	claypan
SPS066	Pickersgill Lake	32	19	21	118	1	42	saline playa
SPS067	Lake Biddy	33	1	15	118	56	57	open lake with samphire fringe
SPS070	Dingo Rock	33	0	34	118	36	8	granite outcrop pools
SPS071	Lake King	33	5	25	119	35	32	saline playa
SPS072	Atkin's Yate Swamp	33	7	49	119	40	44	*Eucalytus occidentalis* swamp
SPS074	Darkin Swamp	32	6	47	116	30	47	*Melaleuca* swamp
SPS075	Stennett's Lake	33	11	57	119	58	40	open lake with samphire and dead tree fringe
SPS076	Crook's Lake	31	0	39	118	45	40	open lake with samphire and dead tree fringe
SPS077	Bennett's Lake	33	16	53	119	36	6	saline playa, tree fringe inundated when full
SPS078	Dunn Rock	33	20	11	119	29	37	granite outcrop pools
SPS079	Koorda Lake	30	58	31	117	26	32	saline playa
SPS080	Magenta Salt Lake	33	34	39	119	12	19	saline playa
SPS082	Girraween Yate Swamp	33	38	8	119	21	10	*Eucalytus occidentalis* swamp
SPS083	Range Road Yate Swamp	33	39	7	118	47	23	*Eucalytus occidentalis* swamp
SPS084	Yarding Lake	31	54	59	117	58	51	saline playa
SPS085	Ardath Lake	32	5	52	118	9	21	small saline lake in palaeodrainage channel with tree fringe
SPS086	Irving's Swamp	31	29	1	119	4	15	*Melaleuca/Eucalypt* swamp

		Latitude			Longitude			
Code	Site name	Deg	Min	Sec	Deg	Min	Sec	Description
SPS087	Frank Hahn NP Claypan	32	52	48	120	25	22	claypan
SPS088	Shackleton Lake	31	56	36	117	53	41	saline playa
SPS089	Frank Hahn NP Salt Lake	32	57	50	120	21	41	saline playa
SPS090	Meranda Road Wetland	31	58	7	119	16	46	*Eucalyptus occidentalis* swamp
SPS091	Magners Road Melaleuca Swamp	33	53	55	118	31	50	*Melaleuca* swamp
SPS094	Calyerup Creek	33	56	11	119	3	56	river
SPS095	Rodgers Road Wetland	31	8	2	119	20	51	saline playa
SPS096	Fitzgerald Yate Swamp	33	50	23	119	49	35	*Eucalyptus occidentalis* swamp
SPS097	Master's Lake Saline	31	34	17	117	25	41	open lake with samphire and dead tree fringe
SPS098	Mulinoling Wetland	31	31	46	117	3	32	sedge swamp
SPS099	Moorine South Lake	31	23	56	119	6	50	saline playa
SPS100	Hamersley River	33	53	25	119	51	39	river
SPS101	Three Swamps	34	13	43	117	56	8	saline playa
SPS102	Ngopitchup Swamp	33	57	27	117	20	32	sedge swamp
SPS103	Lake Poorginup	34	32	56	116	44	29	sedge/shrub swamp with tree fringe
SPS104	Pindicup Lake	34	24	26	116	42	47	sedge swamp
SPS105	Kodjinup Melaleuca Swamp	34	23	45	116	39	1	*Melaleuca swamp*
SPS106	Anderson Lake	34	11	2	117	57	37	saline playa
SPS107	Mailalup NR Salt Lake	34	21	16	118	28	49	open lake with fringe of Melaleuca
SPS108	Pillenorup Swamp	34	26	42	118	5	58	sedge/*Melaleuca* swamp
SPS109	Lake Baladjie	30	57	29	118	54	54	saline playa
SPS111	Boyacup Bridge Swamp	34	13	55	117	14	49	sedge/tree swamp
SPS112	Tucker's Road Salt Lake	34	25	2	117	15	5	saline playa
SPS113	Tucker's Road Melaleuca Swamp	34	24	54	117	14	53	*Melaleuca* Swamp
SPS115	Peenebup Creek	34	6	2	118	32	12	river
SPS116	Yellilup Lake	34	18	48	119	1	47	open lake with fringe of live and dead Yate
SPS117	Pabellup South Swamp	34	7	3	119	26	50	*Eucalytus occidentalis* swamp
SPS118	Yellilup Swamp	34	22	59	118	58	40	open lake with Melaleuca fringe
SPS119	Warramurrup Swamp	34	24	39	119	10	15	sedge swamp
SPS120	Munglinup NR Lake	33	44	20	120	53	21	open lake with samphire and *Melaleuca*/Yate fringe
SPS121	Mason Bay Lake	33	56	30	120	25	49	saline playa
SPS122	North Parriup Lake	33	51	59	120	38	13	saline playa
SPS123	Oldfield River	33	43	59	120	43	11	river
SPS124	Youlabup Swamp	33	49	40	120	24	20	low *Melaleuca* swamp
SPS125	Quarry Lake	33	10	5	121	15	45	saline playa
SPS126	Yanneymooning Rock	30	40	50	118	33	10	granite outcrop pools
SPS127	Lake Mortijinup	33	47	58	121	38	12	open lake with *Melaleuca* dominated fringe
SPS128	Dunn's Swamp	33	55	26	120	9	11	open lake with samphire and dead tree fringe
SPS129	Ewert's Lake	33	50	26	122	52	13	open lake with sedge and *Melaleuca* fringe
SPS130	Beaumont NR Salt Lake	33	27	59	122	36	45	saline playa
SPS131	Perk's Lake	33	37	52	122	32	37	saline playa
SPS132	Shark Lake	33	46	7	121	51	40	open lake with sedge fringe
SPS133	Mount Le Grand Swamp	33	58	33	122	7	33	sedge swamp
SPS134	Helms Arboretum Lake (White Lake)	33	43	6	121	48	5	saline playa
SPS135	Lake Caitup	33	43	37	121	43	34	open lake with sedge and *Melaleuca* fringe

		Latitude			Longitude			
Code	Site name	Deg	Min	Sec	Deg	Min	Sec	Description
SPS136	Lake Gore	33	45	39	121	31	12	open lake with *Melaleuca* fringe
SPS137	Thomas River	33	48	52	123	2	12	river
SPS139	Styles Rock	33	7	35	121	48	2	granite outcrop pools
SPS140	Salmon Gums NR	32	55	28	121	56	2	saline playa
SPS141	Mullett Lake	33	48	4	121	57	20	open lake, mostly with samphire fringe
SPS142	Maitland's Lake	31	20	33	117	22	24	open lake with sedge fringe
SPS144	Lake Goorly at Glamoff Causeway	30	9	1	117	2	0	saline playa
SPS146	Lake McDermot	30	49	37	117	55	50	open lake with *Melaleuca/Casuarina* fringe
SPS147	Nicolls Melaleuca Swamp	30	46	59	118	17	34	*Melaleuca* swamp
SPS148	Lake Moore	30	6	1	117	28	1	saline playa
SPS149	Lake Moore samphire pan	30	5	55	117	26	42	samphire swamp
SPS150	Sanderson's Lake	30	9	37	117	5	44	open lake with samphire and dead tree fringe
SPS151	Watheroo Melaleuca Swamp	30	18	7	115	56	11	*Melaleuca* swamp
SPS152	Dambouring Lake	30	30	42	116	42	15	open lake with samphire and dead tree fringe
SPS153	Big Soak Plain Swamp	30	7	20	115	40	42	*Eucalyptus* swamp
SPS154	Watheroo Bentonite Lake	30	5	6	115	57	14	claypan
SPS155	Mortijini NR Lake	30	18	6	116	27	15	open lake with *Melaleuca* fringe
SPS156	McTaggart Road NR Lake	30	48	9	117	19	21	open lake with samphire fringe
SPS157	Gunyidi Lake East	30	7	37	116	13	31	saline playa
SPS158	Gunyidi Lake West	30	7	50	116	12	8	open lake, samphire and *Eucalyptus/Melaleuca* fringe
SPS159	Lake Ninan	30	57	14	116	39	13	open lake with samphire and *Melaleuca* fringe
SPS161	Cockleshell Gully	30	8	48	115	6	27	river
SPS162	Yarra Yarra Lake	29	34	59	115	45	30	open saline lake with fringe of samphire and patchy *Casuarina*
SPS163	Capamouro Swamp	29	54	18	115	53	40	open saline lake with samphire and *Casuarina* fringe
SPS164	Nullewa Lake	29	6	54	116	12	2	saline playa
SPS165	Kadji claypan	29	8	14	116	24	50	claypan
SPS166	Mongers Lake	29	32	35	116	42	21	saline playa
SPS167	Mongers samphire pan	29	32	43	116	41	58	open lake with samphire fringe
SPS168	Wannara claypan	29	32	45	116	43	52	claypan
SPS169	Weelhamby Lake	29	12	4	116	27	2	saline playa
SPS170	Lake Harvey	30	18	10	117	32	43	open lake and extensive samphire flats
SPS171	Latham Lake	29	42	13	116	24	24	saline playa with samphire and *Melaleuca* fringe
SPS172	Just's Lake	29	43	32	116	21	59	open lake with samphire fringe
SPS173	Simpson Road Lake	29	24	26	115	52	40	open lake with samphire fringe
SPS174	Moffat's Lake 2	29	22	21	115	53	30	samphire swamp
SPS175	Pintha Rock	29	4	22	115	59	51	granite outcrop pools
SPS176	Wannara Rock	29	31	27	116	47	32	granite outcrop pools
SPS177	Weelawadji Lake	29	49	56	115	7	39	open lake with *Eragrostis* and *Melaleuca/Casuarina* fringe
SPS178	Jurien Coastal lakes	29	52	3	115	0	11	coastal dune lake with sedge and *Melaleuca/Casuarina* fringe
SPS179	Roach's Lake	30	24	50	116	44	16	saline playa
SPS180	One Tree Hill Creek	29	35	19	115	26	31	river
SPS181	Heaton's Swamp	29	5	59	115	13	33	open swamp with *Eucalyptus* fringe
SPS182	Arro Lake	29	44	11	115	9	58	open lake with *Melaleuca/Casuarina* fringe
SPS183	Arro Swamp	29	44	7	115	9	56	open lake with fringe of *Casuarina* and *Melaleuca*
SPS184	Kelly Road Salt Flat	28	44	14	115	48	36	Palaeodrainage flat with samphire fringe

Code	Site name	Latitude			Longitude			Description
		Deg	Min	Sec	Deg	Min	Sec	
SPS186	Tardun CBC Salt Lake	28	45	11	115	51	19	saline playa
SPS187	Tardun CBC Swamp	28	43	24	115	49	31	samphire swamp with tree fringe
SPS188	Utcha Swamp	28	4	54	114	11	53	open lake and sedge swamp
SPS189	Hutt Lagoon	28	12	30	114	18	27	coastal lagoon
SPS190	Yerina Spring	28	6	11	114	20	8	spring
SPS192	Yarder Gully	28	11	17	114	24	38	river
SPS193	Skelton Gully	28	32	9	114	40	14	river
SPS194	Nolba Swamp	28	14	14	114	51	19	*Eucalyptus* swamp
SPS195	Hebiton's Salt Lake	28	49	59	115	28	17	open lake with samphire and dead tree fringe
SPS196	Hebiton's Casuarina Swamp	28	51	45	115	25	5	*Casuarina*/*Muehlenbaeckia* swamp
SPS197	Punjerwerry Claypan	27	38	18	114	55	28	claypan
SPS198	Murchison River at Murchison Station	27	38	46	114	14	2	river
SPS199	Binnu West Road Lake	28	2	23	114	37	58	open lake with samphire, sedge and *Casuarina* fringe
SPS200	Moffat's Lake 1	29	18	27	115	54	45	open lake with samphire/ *Melaleuca* fringe
SPS201	Marchagee NR Lake West	29	57	31	116	4	45	samphire swamp
SPS202	Little Three Springs	29	59	1	115	5	10	spring
SPS203	Marchagee NR Lake East	29	57	32	116	4	48	open lake with *Melaleuca* fringe
SPS204	Lake Wannamal	31	7	47	116	2	46	open lake with *Melaleuca*/*Casuarina* fringe
SPS207	Mortlock River East	31	37	59	117	11	30	palaeodrainage flat with samphire fringe
SPS208	Salt River at Kellerberrin	31	41	47	117	42	51	palaeodrainage flat with samphire fringe

Appendix 2. Invertebrate, plant and waterbird species collected during the WBS at the 197 wetland and river sites analysed. See Pinder *et al.* (2003a) for details of invertebrates sampling methods and invertebrate species authorities, Lyons *et al.* (2003) for plant sampling methods and plant species authorities and Cale *et al.* (2003) for a description of waterbird surveying.

Note: This Appendix was originally presented as a large two-way table. Here we present the species by sites data (sigletons excluded) in Compressed Cornell format in an endeavor to save space. The Compressed Cornell file shows the title of the dataset and species presence/absence data in FORTRAN format (16I6). The first number on each line is the species identifier followed by numbers identifying the sites. The species and site names (in numeric order) are given in FORTRAN format (10A8). Species codes and names are shown in the table in Appendix 4.

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SAP survey analysis, species class, 2Step, B=-0.1, singletons masked
(16I6)                                                                5
     1    17    84
     2     9    46   188
     3     1     2     3     4     5     9    11    13    14    15    16    18    25    26    33
     3    45    47    48    51    56    61    63    67    69    70    73    75    80    84    88
     3    92   101   109   116   117   123   132   135   138   144   158   161   168   169   170
     3   174   175   176   179   182   187   188
     4    18   107   182
     5     1     3     4     5     7     8     9    10    13    14    15    16    18    19    21
     5    22    23    25    27    30    32    33    35    36    40    41    42    45    46    47
     5    50    51    56    61    63    65    67    68    69    70    71    73    80    82    83
     5    84    87    88    92    93    95    99   100   101   102   103   104   105   107   108
     5   109   110   111   112   113   114   116   117   118   119   120   121   123   124   125
     5   126   127   129   130   131   132   134   135   136   137   138   141   144   145   146
     5   147   148   153   155   156   157   158   160   161   166   167   168   169   170   172
     5   173   174   175   176   180   181   182   183   184   187   188   189   193   195   196
     6     7     9    56    73   121   124   173   184   193
     7     5     9    80   176
     8    21    22    32    55    56    87
     9    63    84   102   103   105   111   112   113   116   129   130   132   138   142   161
     9   185   191   193
    10     2     7    37    46    48    69    73    83   103   123   124   132   135   147   176
    11    14    76    83
    12   114   188
    13    83   129
    14    22   101   107
    15    86   100
    16   170   176   187
    17     2   174
    18   107   161   174   188
    19     1    24    84    91    95   179
    20     5    12    13    20    47    58    64    75    79    81    89    97   100   115   144
    20   146   150   160   164   167   192
    21     8   115   140   179   191
    22    17    41    46    84   107   109   116   121   129   169   175   176   188   195
    23    18    22    57    95   176
    24    69    84
    25    18    69
    26     8    32    49    63    81    97   113   116   125   134   141   143   144   146   150
    26   152   155   160   163   164   165   167   171   177   195   196
    27     1    14    17    69    80    88   101   107   148   161   169
    28     8    21    23    69   129   132
    29    43    50    67    68    87    95   112   141   143   167   189
    30     5    32   164
    31     2     8    22    46    53    69   126   129   132   141   145   164   169   191   193
    32    18   102
    33     7     9    16    18    21    44    45    47    76    80    83    92   101   103   104
    33   107   111   114   147   150   175   180   188
    34   171   175
    35    76    84   147
    36    17   129   193
    37    51    69    93   103   112   120   134   146   171
    38    99   102
    39     9    18    22    76    91   121   174
    40    36    48    50    69    93   109   112   116   142   171   182   183
    41   153   184
    42    80   107   109   130   138   169   170   188   191   194
    43   107   121
    44    92    93   123   147   168   169   170
    45    95   104   158
    46    14    16    18    22    40    45    46    67    68    76    80    87   107   109   121
    46   130   132   161   169   174   179   194
    47   176   188
    48    83    84    95   101   104   107   121   158
    49     2     7     9    14    18    22    45    46    47    69    83    84    88   107   109
    49   130   147   161   170   176   179   182   184   187   188   194
    50     7    84   107   116   121   185
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51	61	80	121	169	170	171	182								
52	93	168													
53	7	73	121	126	147	174	182	185							
54	107	158													
55	2	7	14	16	18	45	46	47	48	50	61	73	75	80	83
55	92	93	103	109	112	114	116	120	121	123	129	137	140	141	156
55	160	164	167	169	170	173	179	182	184	185	187	188	189	191	194
55	195														
56	14	73	76	97	104	121	130	137	150	158	161	168	173	180	183
56	187	188													
57	7	160													
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1214	117	133	138	153	156	157	164	170	171	174	179	180	185	187	190
1214	191	195													
1215	1	2	3	4	5	8	13	16	20	25	26	28	39	41	48
1215	49	50	51	52	55	57	58	62	63	77	79	83	91	106	113
1215	115	124	126	129	132	133	137	138	140	143	144	146	150	152	153
1215	155	156	157	159	160	163	164	166	167	170	171	174	175	179	185
1215	187	190	191	192	194	195									
1216	6	19	37	108	118	131	136	139	142	155	159	162			
1217	2	3	5	26	49	137	180	195							
1218	14	18													
1219	1	2	5	16	26	46	48	137	187	195					
1220	1	2	3	5	7	13	14	16	18	22	41	44	46	47	62
1220	92	99	102	113	115	119	124	125	126	128	129	133	137	156	170
1220	175	195													
1221	5	16	92	195											
1222	1	2	3	5	8	11	12	13	14	16	17	22	25	26	39
1222	40	41	43	44	46	47	49	57	63	64	69	79	83	91	92
1222	95	107	112	113	116	117	119	124	126	128	129	131	132	133	137
1222	138	143	153	156	163	170	171	174	175	176	179	180	185		
1223	84	133													
1224	1	2	3	5	8	12	13	14	16	25	26	30	48	49	51
1224	55	57	75	79	84	87	91	113	115	117	124	132	133	140	143
1224	153	156	157	164	167	170	174	175	179	180	185	187	191	195	
1225	7	18	41	44	46	129	185								
1226	6	12	19	33	37	71	108	118	122	131	136	139	146	159	162
1226	181	196													
1227	3	8	12	25	30	51	58	64	115	133	160	164	192		
1228	4	34	37	54	108	139	142	146	152	153	155	156	159	163	178
1228	181	192													
1229	6	12	115												
1230	12	96	115												
1231	2	3	4	11	12	20	28	30	39	108	119	133	137	139	153
1231	155	157	181												
1232	2	8	170	175											
1233	18	133	181	190											
1234	5	139	142	171											
1235	1	2	5	8	9	11	12	16	18	25	28	30	33	44	57
1235	92	97	105	117	121	125	133	138	139	148	153	156	163	170	171
1235	174	187	188	189	195										
1236	15	87	117	157	159	175	176	185							
1237	4	5	18	25	46	48	77	84	113	117	170	175	187	195	
0															

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SPM001   SPM002   SPM003   SPM004   SPM005   SPM006   SPM007   SPM010   SPM011   SPM012
SPM014   SPM015   SPM016   SPM017   SPM019   SPM020   SPM022   SPM024   SPM025   SPS001
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ACAPUL   ACASAL   ACASUB   ACATEL   ACTULI   ADECUN   AGRAVE   AIRCAR   AIRPRA   ALLHUE
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ALTNOD  ALYHAK  ALYHUEWRAMPNER  ANAARV  ANALAE  ANGMIC  ANGPRE  ANGPYG  ANGTOM
APHBRI  APHCYP  APHNUT  APIANN  APIPRO  ARCCAL  ARICON  ARTDYE  AST_FA  ASTATH
ASTFAS  ATRCOD  ATREXI  ATRHOL  ATRHYM  ATRNAN  ATRPAL  ATRPRO  ATRSEM_AATRSEM_B
ATRSUB  ATRVES  AUSELE  AUSFLA  AUSHEM  AUSJUN  AUSMAC  AUSMOL  AUSPYC  AUSSETGP
AUSVAR  AVEBAR  AVEMIC  BANLIT  BAUART_ABAUART_BBAUJUN  BAUPRELABAURUB  BAUVAG
BLEDRU  BLEPHL  BOLCAL  BORCON  BORSPA  BORSPH  BOSERI  BOSLIN  BRACIL  BRAEXI
BRAHAL  BRAIBE  BRALIN  BRAMEL  BRAONC  BRAPER  BRAPUS  BRATOU  BRIMAX  BRIMIN
BROARE  BRODIA  BROHOR  BROMAD  BRORUB  BULSEM  CAEALF  CAEMIC  CALACU  CALAFFCO
CALCAL  CALCOR  CALDRU  CALERE  CALFLA  CALGRA  CALHIS_BCALMUL_BCALPHO  CALPOL
CALPOR  CALPUM  CALSP._BCARMOD  CASAURMLCASGLA  CASOBE  CASRAC  CENARI  CENASI
CENCEP  CENCRACOCENCRACRCENDRU  CENERE  CENERY  CENGLA  CENHUM  CENMEL  CENMUT
CENPIL  CENPOL  CENSTR  CERGLO  CEROBI  CHAARI  CHACOR  CHEGLA  CHESIE  CHOENO
CHOHAL  CHTPSE  CICFIL  CIRVUL  COMCON  COMINT  CONALB  CONPRO  CONSEOSECORLIT
COTAUS  COTBIP  COTCOR  COTCOT  CRACOL  CRADEC  CRAEXS  CRANAT  CUSEPI  CYNDAC
CYPGYM  CYPRIG  CYPTEN  DAMLEP  DAMLIN  DARHAL  DAUGLO  DEYQUA  DIABRE  DIAREV
DICCAP  DIDROE  DISBRA  DISCRA  DITAMP  DODVIS  DROBUL  DROERY  DROGLA  DROMAC_B
DROMEN  DROPUL  DRORAM  DROSTORUDROZIG  ECHPLA  EHRCAL  EHRLON  ELAGRA  ELEACU
ENCTOM  EPIBIL  EPIDEM  EPIHIR  ERAAUS  ERADIE  ERELEH  ERIOVA  EROCIC  EROCYG
ERYTEN  EUCCAL  EUCCAMOBEUCDEC  EUCLOXLOEUCMYR  EUCOCC  EUCRUD  EUCSPH  EXOAPH
FITAXI  FRAAFFLAFRAAFFSEFRABRA  FRACIN  FRACINAFFRACON  FRADRU  FRAPAU_AFRAPAU_B
FRAPAUBHFRAPUL  FRASET  FRASP  FRATET  GAHTRI  GALMUR  GLODIA  GLODRU  GNAIND
GNEACI  GNEANG  GNEBRE  GNEDRU  GNESET  GNETEN  GNETRI_AGNETRI_BGNEUNI  GOMMAR
GOMTOM  GONNOD  GOOMIC  GOOMIM  GOOPUL  GOOPUS  GOOSP.  GOOVIS  GRAPUB  GUNGLA
GUNINT  GUNQUA  GUNSEP  HAETAT  HAKPRE  HAKVAR  HALDOL  HALDOLAFHALFIM  HALHAL
HALIND  HALLEP_AHALLEPINHALLYL  HALPEL  HALPER  HALPERAFHALPRU  HALPTE  HALPXD
HALSP._CHALSP._DHALSYN  HALUND  HELLEU  HEMDIA  HEMUNC  HIBAMP  HIBCUN  HOMHOM
HOPADS  HORGEN  HORGLA  HORLEP  HORMAR  HORPRO  HYAGLO  HYAGLUGLHYDALA  HYDCAL
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HYPGLA_AHYPGLA_BHYPHUM  ISOAUS_AISOAUS_BISOCAR  ISOCER  ISOCON  ISOCYP  ISODRU
ISOHYP  ISOMAR  ISONOD  ISOPRO  ISOSCA  ISOSET  ISOSTE  JACSTE  JUNACU  JUNBUF
JUNCAP  JUNKRAAUJUNPAL  JUNSUB  KIPSUA  LABLANBRLAGHUE  LAMAUR  LAWDIF  LAWGLO
LAWSQU  LEMDIS  LEPAUS  LEPCYL  LEPGLA_ALEPLON  LEPMUI  LEPPRE_BLEPROT  LEPSP._A
LEPSP._BLEPSQU  LEPSTR  LEUAUS  LEUPAR  LEUPRO  LEUREV  LEVDUB  LOBALA  LOBGIB
LOLISP  LOTSUA  LYCAUS  LYTHYS  LYTWIL  MACRIE  MAIAMO  MAIAPP  MAIATK  MAIBRE
MAICAR  MAIOPP  MAISUA  MARCOS  MARDRU  MARMUT  MEDPOL  MEDTRU  MEECOA  MEEROY
MELACUACMELAFSTSMELBRE  MELBRO  MELCUT  MELDEN  MELHAL  MELHAM_AMELHAM_BMELINCTE
MELIND  MELLAT_AMELLAT_BMELPHO  MELPRE  MELRHA  MELSP._CMELSTE  MELSTR  MELTER
MELTHY_BMELVIM  MENAUS  MESNOD  MICMED  MICORB  MICSCA  MICSTI  MILMAJ  MILMYO
MILTEN  MONDEB  MORFLA  MORSET  MUEADP  MUEFLO  MYOMINAUMYRAPP  MYRGAS  MYROCC
MYROLD  MYRPYG  NEMTRI  NEOGLO  NEUALO  NICOCC  OPEHIS  OPHGRA  OTTOVA  OXAPES
OXYLIN  PARCAR  PARDEB  PARINC  PARLAT  PASDIS  PASVAG  PATOCC  PATSP.  PELLIT
PENAIR  PERPRO  PETDUB  PHAMIN  PHIPYG  PHYCAL  PHYLSP  PLAAFFHIPLACOR  PLADRU
POAPOI  PODANG  PODCAN  PODCAP  PODGNA  PODGRA  PODLES  PODPRI  PODTEP  POGMUE
POGSTR  POLAVI  POLMON  POLTET  POTPEC  PRAGRA  PSELUT  PTIGAU  PTIHUM  PTISP.
PUCCIL  PUCSTR  PYRNIG  QUIURV  RANCOL  RANPUM  RHABAC  RHADRU  RHAPRE  RHOCHLSP
RHOHET  RHOPYR  RHOSPI  RHOSTR  ROMROS  ROSCRI  ROSPUM  ROYPYC  RUMCRI  RUPMAR
RUPMEG  RUPPOL  RUPTUB  SAGAPE  SALTRA  SAMJUN  SAMREP  SARBLA  SARGLO  SARPRA
SARQUI  SCHDIS  SCHHUM  SCHLAE  SCHNAN  SCHNAT  SCHODO  SCHPLU  SCHSCU  SCHSUB_A
SCHSUB_BSCHTEN  SCHVAR  SCLARB  SCLDIA  SCLDIS  SCLEUR  SCLMON  SCLPAR  SEBOVA
SELGRA  SENGLO_BSENHIS  SENLAUMASENQUA  SILFIL  SILGAL  SILMUL  SISIRI  SOLAME
SOLHET  SOLNIG  SONASP  SONCON  SONHYD  SONOLE  SONTEN  SOWLAX  SPEARV  SPEDIA
SPEMAR  SPERUB  SPESP._ASPESP._BSPHVIM  SPOVIR  SPYGLO  STEFLO  STEMED  STESAL
STYASS  STYAUS  STYCAL  STYGLA  STYINU  STYOBT  STYOBTAFSTYSPA  SUAAUS  SYMSUB
TECVER  TEGUNI  TETCAP  TETDIP  TETLAE  THE_HO  THE_MA  THEANT  THEFLE  THEPAU
THRAUS  THRDIF  THY?PA  THYSPE  THYTEN  THYTHY  TRACYA  TRAPIL  TRIAFFNATRIARVAR
TRICALCATRICALINTRICALRETRICALSSTRICAM  TRICEN  TRICLA  TRIDUB  TRIELA  TRIEXI
TRIGLKH TRIGLO  TRIHUE  TRILIN  TRILON_ATRIMIN  TRIMINELTRIMUC  TRINAN  TRIPRO
TRISKI  TRISP  TRISTO  TRISTR_ATRISTR_BTRISUB  TRITOMTOTRIVIO  TRYFLOFLTYPDOM
TYPORI  UROPIC  URSANT  UTRMUL  UTRVOL  VELCYC  VELDEA  VELEXI  VELTRI  VERDEN
VILALB  VILPAR  VILSUB  VIMJUN  VULPSP  WAHCAP  WAHPRE  WAIACU  WILBAC  WILHUM
WILROT  WURDIOALWURDIOSLWURGRA  WURMON  WURMUR  WURTEN  XANHUE  XANPRE  ZYGERE
ZYGSIM  aubi  augr  shov  shel  awdu  bacr  bast  blsw  bfdo
btnh  bwst  bbdu  chte  clrw  gree  cosa  euco  frdu  gcgr
greg  grte  gbte  hard  hhgr  hopl  lbco  ligr  lpco  mudu
nnhe  pbdu  pico  pedu  pusw  rcpl  rkdo  rnav  rnst  stsa
sigu  snib  swha  whte  wfhe  wnhe  ybsp
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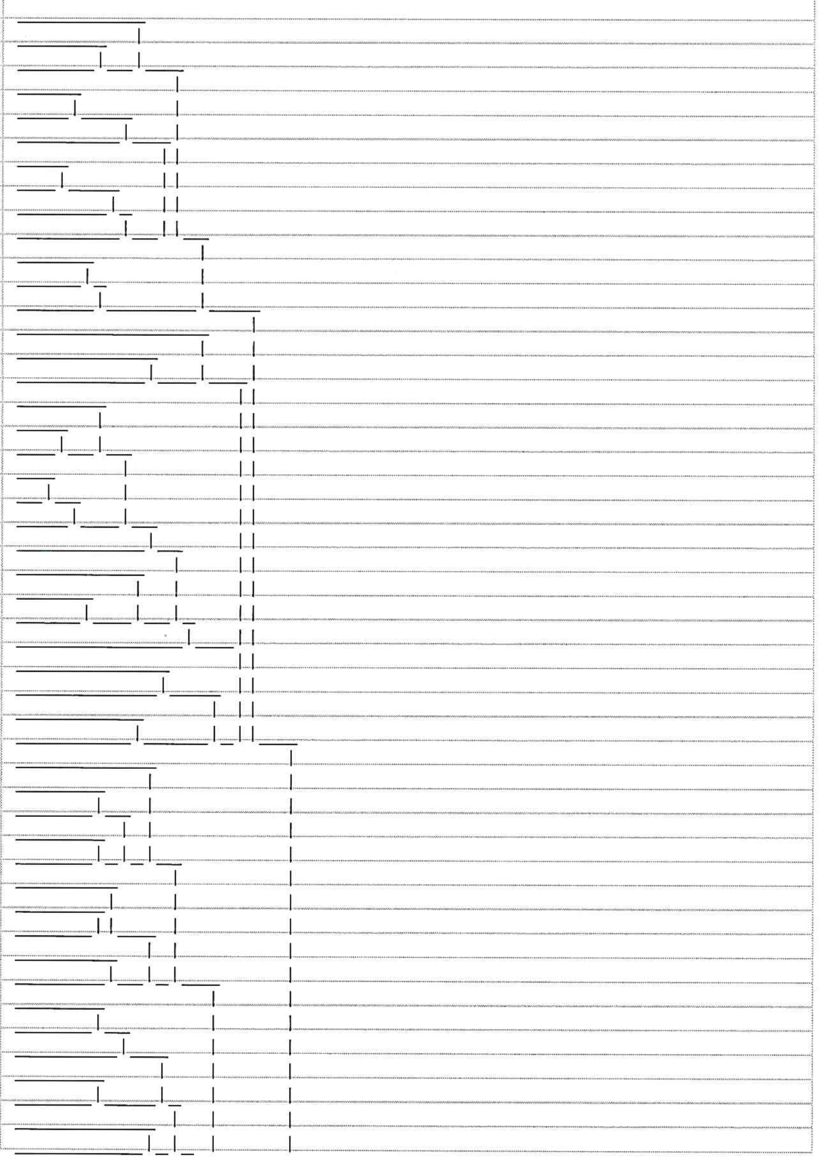
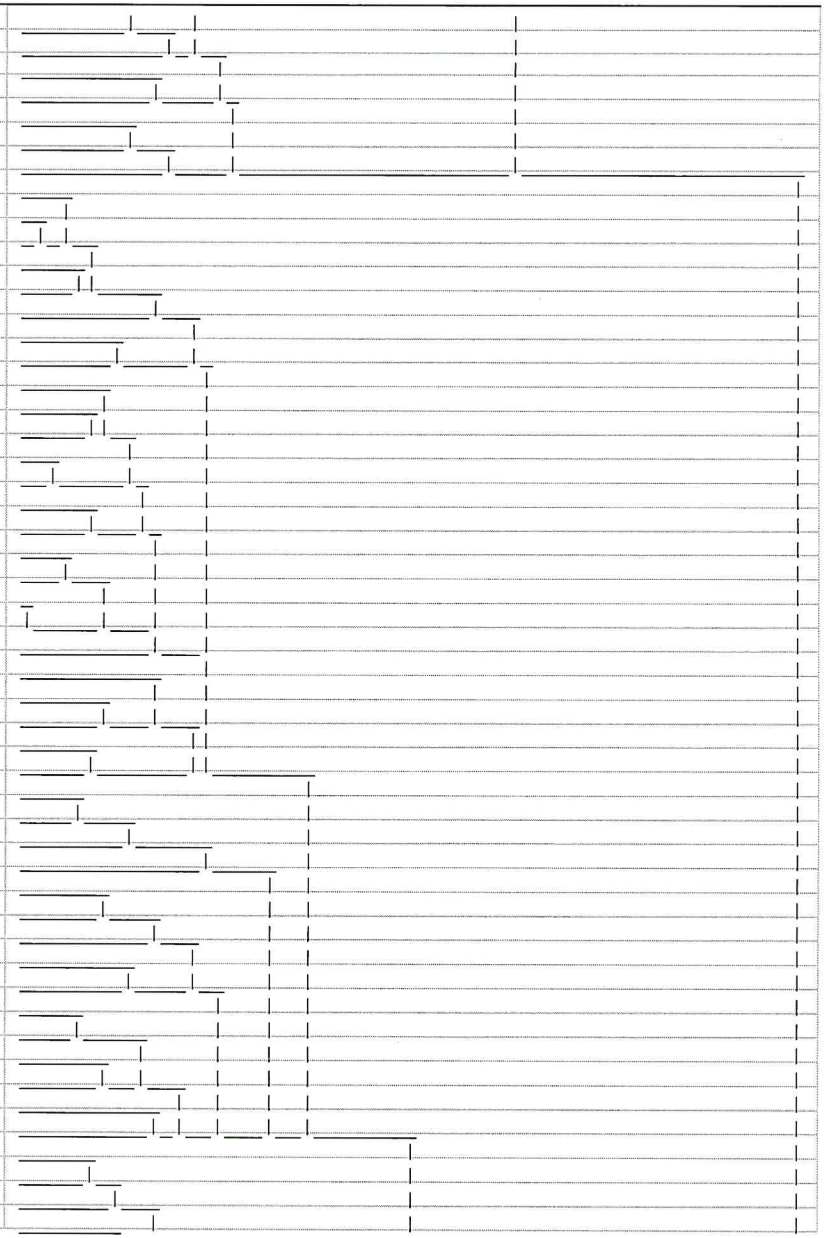
Appendix 3. UPGMA wetland classification based on presence/absence waterbird, invertebrate and plant data (singletons excluded). The 16 wetland types are indicated.

Grp	Code	Site name	ID	TDS	pH
1	SPM001	Lake Bryde	1	1.4	8.08
1	SPS049	Yilgarn Lake	2	0.16	9.26
1	SPS090	Meranda Road Wetland	3	0.25	7.31
1	SPM017	Maisey Lagoon	4	0.4	7.7
1	SPS086	Irving's Swamp	5	0.37	9.21
1	SPM019	Paperbark Swamp	6	0.45	7.67
1	SPM022	Yaalup Swamp	7	1.1	8.5
1	SPS083	Range Road Yate Swamp	8	0.52	7.92
1	SPS082	Girraween Yate Swamp	9	0.35	7.37
1	SPS003	Lake Cronin	10	0.22	9.48
1	SPS177	Weelawadji Lake	11	0.86	7.15
1	SPS182	Arro Lake	12	0.15	7.32
1	SPS183	Arro Swamp	13	0.13	7.19
2	SPS043	Koorda Claypan	14	1.19	8.81
2	SPS060	Job's Sump	15	3.52	9.61
2	SPS064	Larke's Claypan	16	1.96	9.11
2	SPS146	Lake McDermot	17	6.1	7.02
2	SPS147	Nicolls Melaleuca Swamp	18	10	7.13
2	SPS150	Sanderson's Lake	19	11	8.72
2	SPS171	Latham Lake	20	5.3	8.34
2	SPS200	Moffat's Lake 1	21	7	7.87
2	SPS203	Marchagee NR Lake East	22	4.2	8.54
2	SPS149	Lake Moore samphire pan	23	12	8.03
2	SPS168	Wannara claypan	24	0.27	8.4
2	SPS187	Tardun CBC Swamp	25	4.9	7.31
2	SPS196	Hebiton's Casuarina Swamp	26	1.3	7.59
2	SPS154	Watheroo Bentonite Lake	27	0.7	9.08
2	SPS151	Watheroo Melaleuca Swamp	28	1.1	7.25
2	SPS153	Big Soak Plain Swamp	29	0.2	7.09
2	SPS181	Heaton's Swamp	30	0.13	6.69
2	SPS194	Nolba Swamp	31	0.34	6.67
3	SPM002	Lake Logue	32	1.1	8.18
3	SPM010	Lake View	33	6	8.24
3	SPS007	Lake Dulbining	34	10.74	7.76
3	SPS142	Maitland's Lake	35	10	9.69
3	SPS163	Capamouro Swamp	36	9.2	8.4
3	SPS039	Dead Man's Swamp	37	4.3	7.66
3	SPS091	Magners Road Melaleuca Swamp	38	2	7.54
3	SPS111	Boyacup Bridge Swamp	39	3.2	9.06
3	SPS094	Calyerup Creek	40	4.2	7.49
3	SPS115	Peenebup Creek	41	7.7	7.63
4	SPM003	Lake Towerinning	42	5.3	8.67
4	SPM005	Lake Wheatfield	43	6.7	8.04
4	SPS127	Lake Mortijinup	44	6.9	8.7
4	SPS038	Meeking Lake	45	4.1	10.15
4	SPS204	Lake Wannamal	46	3.1	8.44
4	SPS116	Yellilup Lake	47	8.6	8.53
4	SPS120	Munglinup NR Lake	48	2.5	7.6

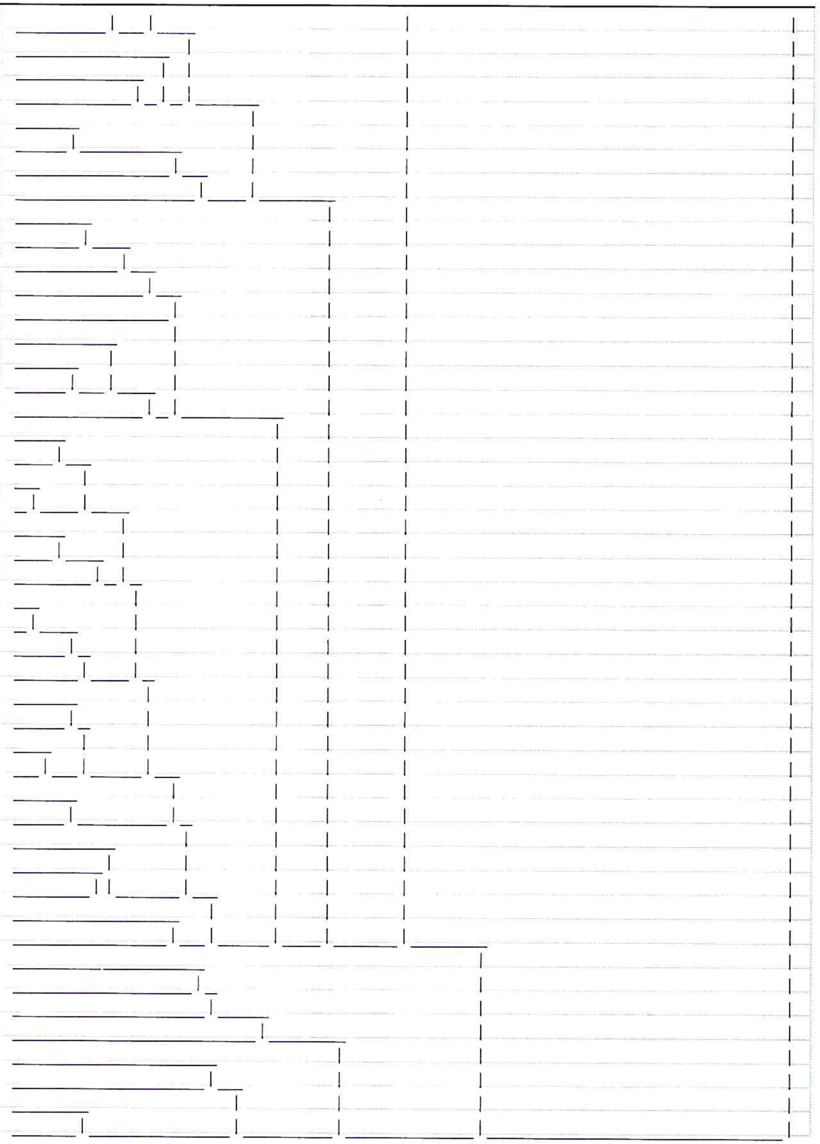


Grp	Code	Site name	ID	TDS	pH
4	SPM020	Coomalbidgup Lake	49	3.3	8.03
4	SPS135	Lake Caitup	50	3.4	7.99
4	SPS129	Ewert's Lake	51	2.2	8.99
4	SPS132	Shark Lake	52	2.5	8.66
4	SPS119	Warramurrup Swamp	53	3.4	8.31
5	SPS024	Pike's Swamp	54	3.46	8.55
5	SPS027	Clarke's Wetland	55	0.57	7.72
5	SPS032	Qualeup Lake	56	0.73	7.96
5	SPS045	Venemore's Pond	57	0.83	8.86
5	SPS188	Utcha Swamp	58	1.8	7.55
5	SPS026	Eadine Spring	59	3.87	7.7
5	SPS063	Twonkwilling Pool	60	7.5	7.86
5	SPS040	Pearse's Lake	61	6.59	9.91
5	SPS041	Master's Lake 1	62	4.91	7.19
5	SPS047	Mill's wetlands	63	5.44	9.05
5	SPS098	Mulinoling Wetland	64	4.23	9.48
5	SPS199	Binnu West Road Lake	65	14	8.87
6	SPS002	Toodyay Brook at Dewars Pool	66	5.73	8.31
6	SPS013	Hotham River	67	10.89	7.84
6	SPS010	Dale River	68	7.65	7.48
6	SPS004	Jimperding Brook	69	3.82	7.92
6	SPS005	Christopher Brook	70	0.72	8.06
6	SPS198	Murchison River at Murchison Station	71	4.7	7.95
6	SPS161	Cockleshell Gully	72	1.3	7.27
6	SPS202	Little Three Springs	73	2.3	8.05
6	SPS190	Yerina Spring	74	1.5	6.16
6	SPS193	Skelton Gully	75	2.3	7.29
6	SPS192	Yarder Gully	76	1.3	7.53
7	SPS023	Goonaping Swamp	77	0.27	7.44
7	SPS124	Youlabup Swamp	78	1.6	6.6
7	SPS180	One Tree Hill Creek	79	1.7	7.65
7	SPS102	Ngopitchup Swamp	80	0.58	8.47
7	SPS048	Frog Rock	81	0.03	7.15
7	SPS059	Cairn Rock	82	0.11	6.73
7	SPS054	Puntapin Rock	83	0.03	6.77
7	SPS070	Dingo Rock	84	0.04	5.81
7	SPS078	Dunn Rock	85	0.03	7.12
7	SPS126	Yanneymooning Rock	86	0.079	6.33
7	SPS175	Pintha Rock	87	0.039	7.3
7	SPS176	Wannara Rock	88	0.093	7.53
7	SPS139	Styles Rock	89	0.08	8.81
8	SPS087	Frank Hahn NP Claypan	90	1	7.9
8	SPS165	Kadji claypan	91	0.12	8.4
8	SPS197	Punjerwerry Claypan	92	0.086	7.53
8	SPS096	Fitzgerald Yate Swamp	93	1.1	7.67
8	SPS117	Pabellup South Swamp	94	0.19	6.27
9	SPM007	Lake Noobijup	95	1.2	7.35
9	SPS103	Lake Poorginup	96	0.21	6.54
9	SPS105	Kodjinup Melaleuca Swamp	97	1	6.05
9	SPS113	Tucker's Road Melaleuca Swamp	98	3.6	6.84
9	SPM011	Kulicup	99	0.42	8.14

Grp	Code	Site name	ID	TDS	pH
9	SPS031	Nalyerin Lake	100	0.17	7.3
9	SPS104	Pindicup Lake	101	3.6	7.3
9	SPS008	Helena River	102	1.74	7.26
9	SPS074	Darkin Swamp	103	0.22	7.29
9	SPM024	Lake Pleasant View	104	0.71	6.67
9	SPS133	Mount Le Grand Swamp	105	0.45	5.97
9	SPS108	Pillenorup Swamp	106	0.41	7.08
10	SPM004	Lake Coyrecup	107	40.9	9.27
10	SPS012	Little White Lake	108	126.92	7.55
10	SPS055	Parkeyerring Lake	109	27	8.39
10	SPS001	Yenyenning Lakes	110	81.17	7.47
10	SPS009	Lake Mears	111	77.23	7.96
10	SPS053	Arthur River Flats Lake	112	120	8.03
10	SPM014	Lake Coomelberrup	113	22	9.92
10	SPS136	Lake Gore	114	54	8.58
10	SPM015	Walymouring Lake	115	25	9.9
10	SPM016	Lake Eganu	116	30	9.04
10	SPS159	Lake Ninan	117	13	8.13
10	SPS075	Stennett's Lake	118	19	8.91
10	SPS077	Bennett's Lake	119	30	9.28
10	SPS057	Frost's Lake	120	15	10.19
10	SPS067	Lake Biddy	121	33	9.87
10	SPS006	Lake Walbyring	122	19.96	8.46
10	SPS011	Nonalling Lake	123	24.18	9.06
10	SPS042	Warren Road Lake	124	5.4	8.56
10	SPS056	Bushy Swamp	125	8.4	8.89
10	SPS072	Atkin's Yate Swamp	126	5.3	9.6
10	SPS022	Baandee Lake	127	62.98	6.3
10	SPS051	Nulla Nulla Lake	128	45.73	8.56
10	SPS079	Koorda Lake	129	20.56	9.68
10	SPS062	Corboule's Lake	130	40.47	9.84
10	SPS195	Hebiton's Salt Lake	131	20	9.64
11	SPS100	Hamersley River	132	20	7.15
11	SPS123	Oldfield River	133	21	7.57
11	SPS137	Thomas River	134	17	8.33
11	SPS128	Dunn's Swamp	135	6.2	7.36
12	SPS101	Three Swamps	136	31	9.8
12	SPS107	Mailalup NR Salt Lake	137	63	7.88
12	SPS141	Mullett Lake	138	14	8.5
12	SPS178	Jurien Coastal lakes	139	24	8.62
12	SPS189	Hutt Lagoon	140	180	8.02
12	SPS112	Tucker's Road Salt Lake	141	20	9.24
12	SPS134	Helms Arboretum Lake (White Lake)	142	23	8.47
12	SPS118	Yellilup Swamp	143	42	8.72
12	SPS131	Perk's Lake	144	120	8.35
12	SPS121	Mason Bay Lake	145	3.4	8.73
12	SPS122	North Parriup Lake	146	6	8.04
13	SPM006	Lake Altham	147	120	7.87
13	SPS058	Isthmus Lake	148	110	8.08
13	SPS106	Anderson Lake	149	130	8.06
13	SPS021	Emu Rock Lake	150	74	8.09

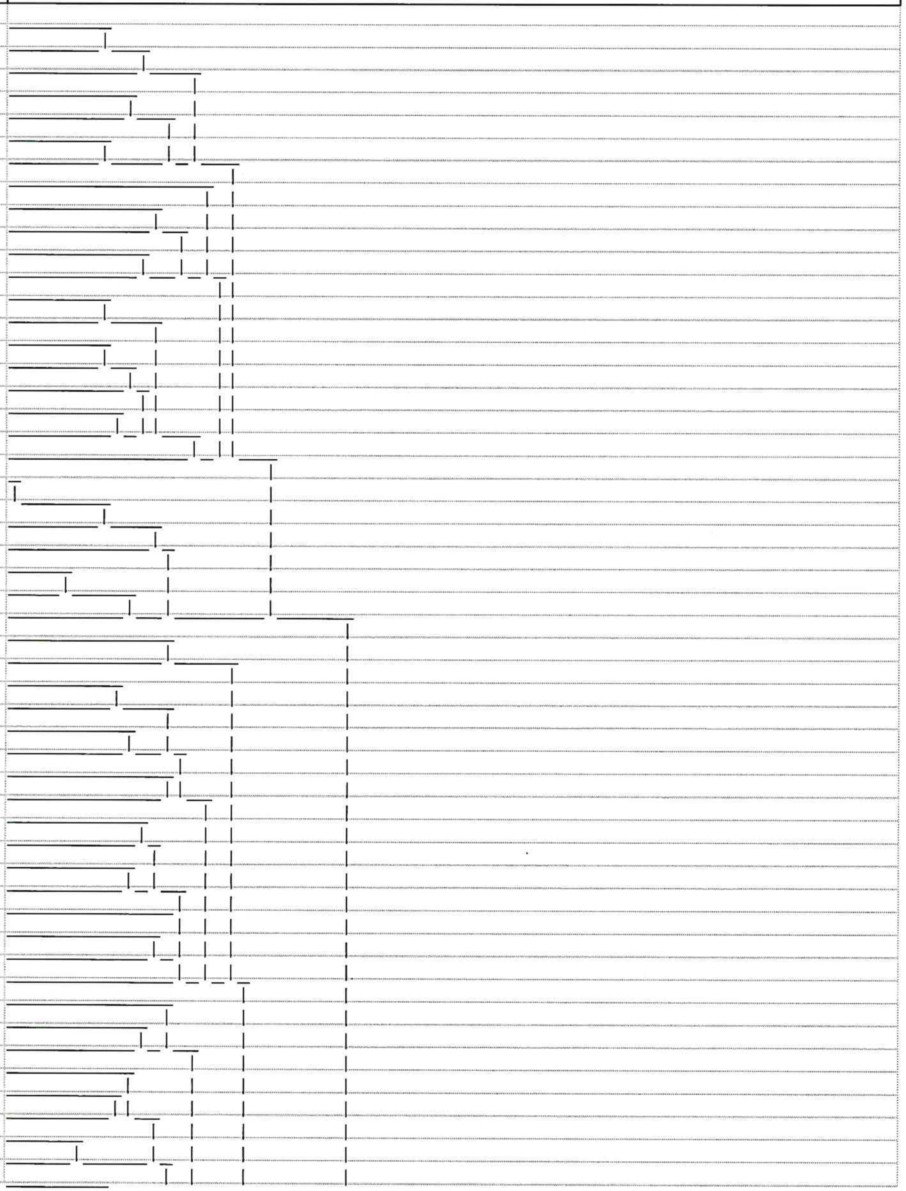


Grp	Code	Site name	ID	TDS	pH
13	SPS066	Pickersgill Lake	151	226.21	8.07
13	SPM025	Lake Ronnerup	152	300	7.44
13	SPS080	Magenta Salt Lake	153	160	7.7
13	SPS130	Beaumont NR Salt Lake	154	49	8.76
13	SPS019	Lake Varley	155	110	8.05
13	SPS071	Lake King	156	100	7.83
13	SPS125	Quarry Lake	157	69	7.71
13	SPS140	Salmon Gums NR	158	88	8.15
14	SPM012	Lake Campion	159	160	3.82
14	SPS084	Yarding Lake	160	140.53	3.47
14	SPS025	Fisher's Lake	161	300	6.05
14	SPS014	Boase's Seep	162	37.06	6.82
14	SPS099	Moorine South Lake	163	209.54	2.39
14	SPS017	Kondinin Samphire Marsh	164	10	9.25
14	SPS076	Crook's Lake	165	68.04	6.85
14	SPS208	Salt River at Kellerberrin	166	91	3.84
14	SPS095	Rodgers Road Wetland	167	296.52	3.62
15	SPS015	Cowcowing Lakes	168	50	8.92
15	SPS169	Weelhamby Lake	169	47	7.89
15	SPS144	Lake Goorly at Glamoff Causeway	170	52	9.69
15	SPS170	Lake Harvey	171	25	8.74
15	SPS152	Dambouring Lake	172	29	8.91
15	SPS158	Gunyidi Lake West	173	37	8.54
15	SPS162	Yarra Yarra Lake	174	41	8.4
15	SPS157	Gunyidi Lake East	175	92	9.22
15	SPS172	Just's Lake	176	53	9.19
15	SPS207	Mortlock River East	177	46	8.96
15	SPS184	Kelly Road Salt Flat	178	56	8.63
15	SPS156	McTaggart Road NR Lake	179	17	8.96
15	SPS174	Moffat's Lake 2	180	11	9.84
15	SPS167	Mongers samphire pan	181	11	10.15
15	SPS173	Simpson Road Lake	182	26	10.49
15	SPS155	Mortijini NR Lake	183	16	8.35
15	SPS201	Marchagee NR Lake West	184	21	9.37
15	SPS109	Lake Baladjie	185	130	7.77
15	SPS148	Lake Moore	186	120	7.95
15	SPS166	Mongers Lake	187	130	7.76
15	SPS164	Nullewa Lake	188	56	8.35
15	SPS186	Tardun CBC Salt Lake	189	47.5	8.92
16	SPS016	Kondinin Salt Marsh Lake	190	84	3.67
16	SPS046	North Wallambin NR Lake	191	120	4.22
16	SPS097	Master's Lake Saline	192	218.52	7.58
16	SPS052	Simpson's Lake	193	104.79	8.14
16	SPS085	Ardath Lake	194	55.67	3.81
16	SPS179	Roach's Lake	195	74	3.25
16	SPS088	Shackleton Lake	196	240.15	2.96
16	SPS089	Frank Hahn NP Salt Lake	197	33	3.87

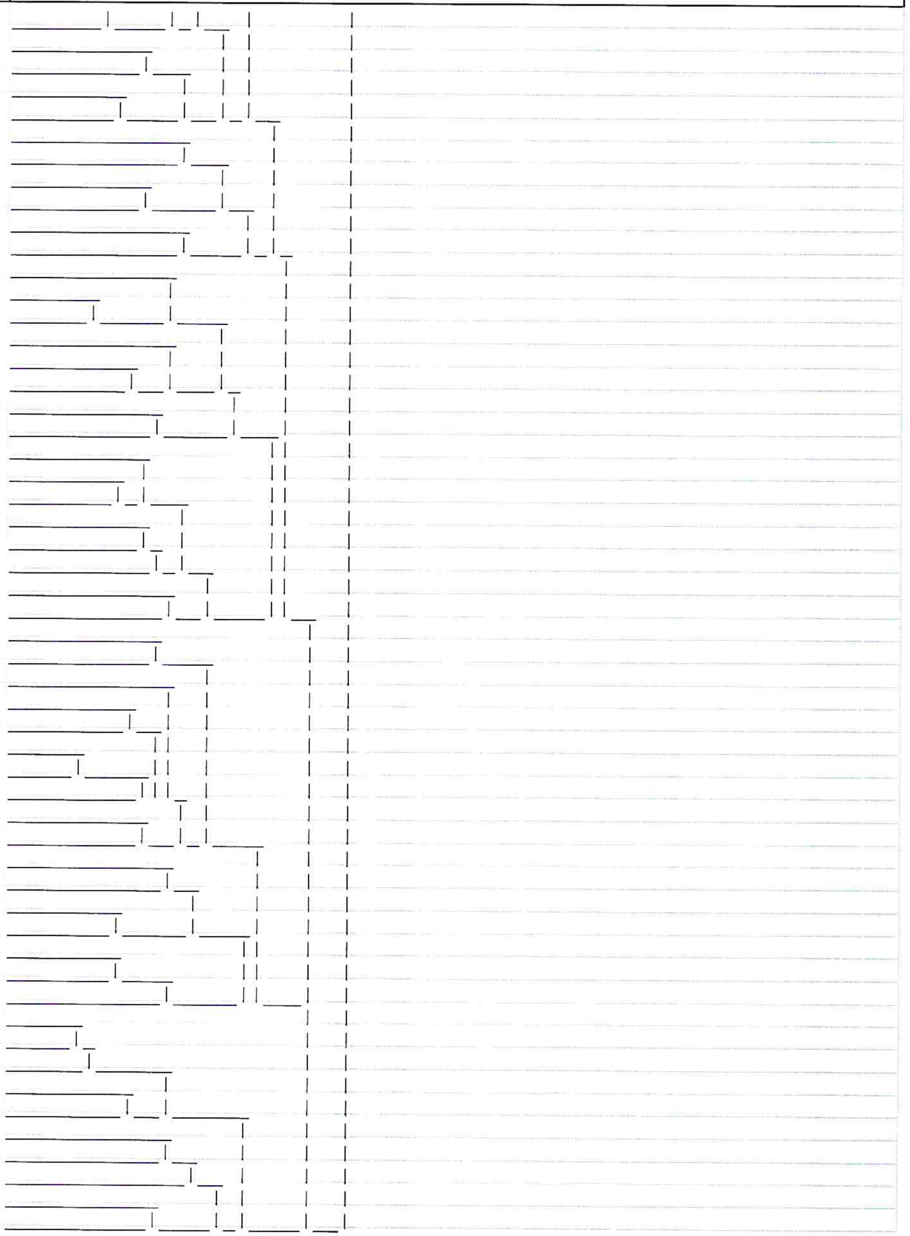


Appendix 4. UPGMA species classification based on presence/absence waterbird, invertebrate and plant data (singletons excluded). The 22 assemblages recognised are indicated.

Grp	Spcode	Name
1	IA019999	Spongillidae
1	ISOAUS_A	Isolepis australiensis
1	SPESP._B	Spergularia sp1
1	JF040102	Hexarthra mira
1	OG032501	Pleuroxus foveatus
1	JP020201	Brachionus angularis
1	pico	Pied Cormorant
1	OG030208	Alona diaphana vermiculata
1	OG0401A0	Ceriodaphnia cf. dubia
1	SENQUA	Senecio quadridentatus
1	EUCSPH	Euchiton sphaericus
1	GLODIA	Glossostigma diandrum
1	OG0402A1	Daphnia cf. cephalata
1	OG040507	Simocephalus victoriensis
1	CENCRACR	Centipeda crateriformis subsp. crateriformis
1	MUEFLO	Muehlenbeckia florulenta
1	MARDRU	Marsilea drummondii
1	JUNSUB	Juncus subsecundus
1	MELPHO	Melaleuca phoidophylla
1	QDAI24A0	Paracladopelma sp. A (nr M2)
1	OH0805A0	Cypretta sp. 527
1	OJ6199A0	Canthocamptidae sp. 1
1	MELACUAC	Melaleuca acuminata subsp. acuminata
1	LEPSP._A	Lepidosperma sp.A2 Island Flat(G.J.Keighery 7000)
1	EPIBIL	Epilobium billardiereanum
1	OTTOVA	Ottelia ovalifolia
1	GOOVIS	Goodenia viscida
2	JB0410A0	Rotaria sp. a
2	QD0927A0	Atrichopogon sp. 2
2	JF0401A1	Hexarthra n. sp.a (cf. fennica with 7/7 unci teeth)
2	TRISTO	Triglochin stowardii
2	augr	Australasian Grebe
2	bfdo	Black-fronted Dotterel
2	OJ110202	Calamoecia ampulla
2	QH650206	Sigara mullaka
2	JP020227	Brachionus quadridentatus cluniorbicularis
2	QD0199A0	Tipulidae group A
2	QD0919A0	Monohelea sp. 1
2	QD0920A1	Nilobezzia sp. 2
2	AVEBAR	Avena barbata
2	OG030205	Alona rectangula novaezealandiae
2	QC111101	Enochrus elongatus
2	QO021002	Ischnura heterosticta heterosticta
2	JP130207	Cephalodella catelina
2	OH081004	Heterocypris vatia
2	QD8999A3	Muscidae sp. D
2	OG0402A3	Daphnia n. sp. b (Munglinup)
2	OJ610402	Cletocamptus dietersi
2	BOLCAL	Bolboschoenus caldwellii
2	JUNACU	Juncus acutus
2	TYPDOM	Typha domingensis
2	QD1299A2	Psychodinae sp. 3

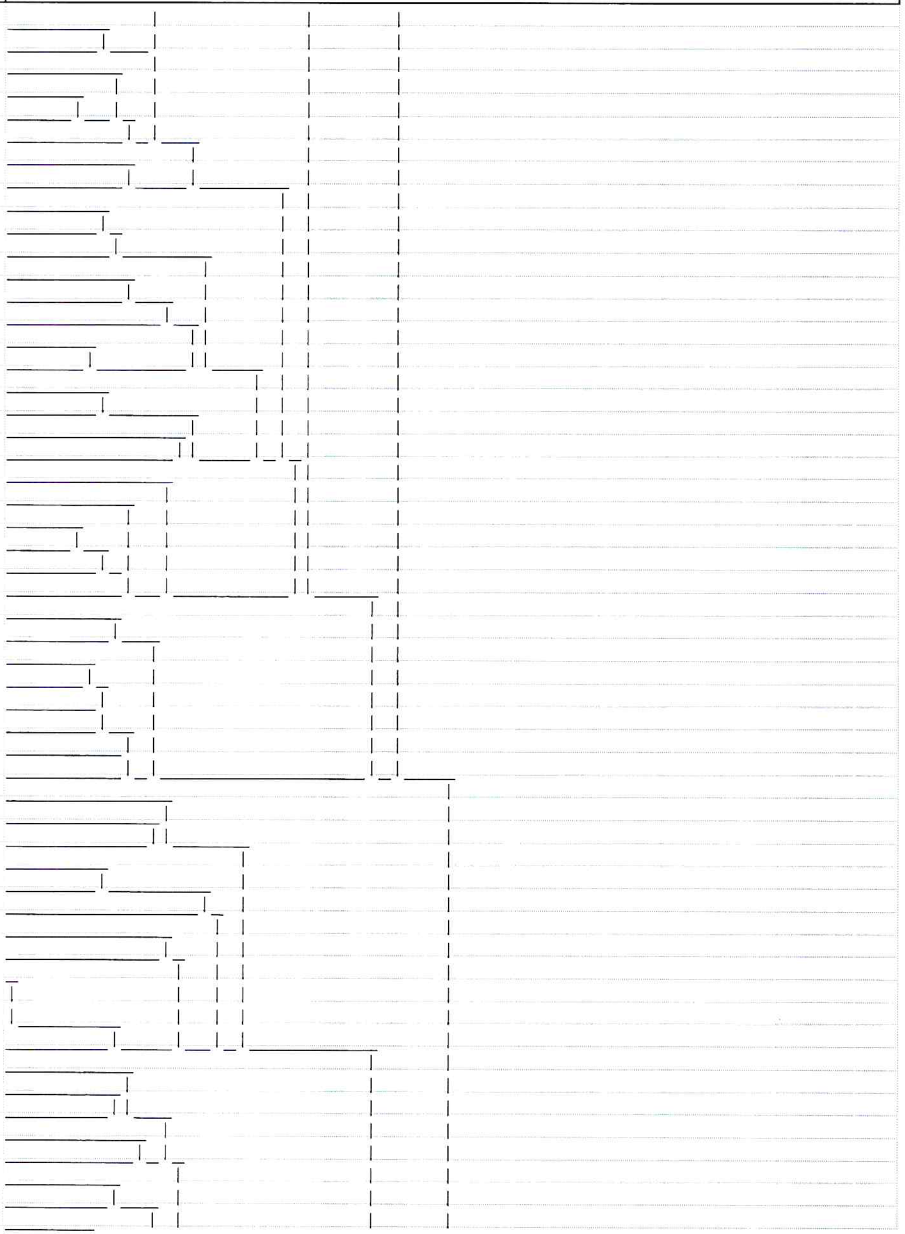


Grp	Spcode	Name
2	QDAH04A3	Tanytarsus sp. D
2	LO989999	Opisthopora
2	QH650303	Agraptocorixa hirtifrons
2	OG060203	Macrothrix schauinslandi
2	WAIACU	Waitzia acuminata
2	LO030502	Insulodrilus lacustris s.l.
2	PASDIS	Paspalum distichum
2	QD0199A5	Tipulidae group F
2	QT031099	Oxyethira sp.
2	CALACU	Calytrix acutifolia
2	MELHAM_B	Melaleuca hamulosa
2	OD030113	Branchinella lyrifera
2	OG040205	Daphnia projecta
2	ATRSUB	Atriplex suberecta
2	OJ3102A1	Metacyclops sp. 462
2	QC369999	Heteroceridae
2	TECVER	Tecticornia verrucosa
2	QC110417	Berosus majusculus
2	QDAF99A9	Orthocladiinae sp. K
2	CENMEL	Centaurea melitensis
2	MEDPOL	Medicago polymorpha
2	PHAMIN	Phalaris minor
2	HORLEP	Hordeum leporinum
2	SPEDIA	Spergularia diandra
2	POLAVI	Polygonum aviculare
2	HYPGLA_A	Hypoxis glabella
2	LYTWIL	Lythrum wilsonii
2	MM160202	Koenikea verrucosa
2	PUCCIL	Puccinellia ciliata
2	EHRCAL	Ehrharta calycina
2	bbdu	Blue-billed Duck
2	lpco	Little Pied Cormorant
2	gcgr	Great Crested Grebe
2	lbco	Little Black Cormorant
2	greg	Great Egret
2	HORGEN	Hordeum geniculatum
2	frdu	Freckled Duck
2	OG0318A2	Leydigia cf. leydigii
2	ATREXI	Atriplex exilifolia
2	QD7899A8	Ephydridae sp. 4 (SAP)
2	MELTER	Melaleuca teretifolia
2	OG040506	Simocephalus gibbosus
2	nnhe	Nankeen Night Heron
2	HOPADS	Hopkinsia adscendens
2	JF030604	Sinantherina procera
2	STEFLO	Stemodia florulenta
2	CALCOR	Calandrinia corrigioloides
2	ALYHAK	Alyogyne hakeifolia
2	AUSMAC	Austrostipa macalpinei
2	AUSVAR	Austrostipa variabilis
2	btnh	Black-tailed Native-hen
2	WAHCAP	Wahlenbergia capensis
2	POLTET	Polycarpon tetraphyllum
2	RHAPRE	Rhagodia preissii

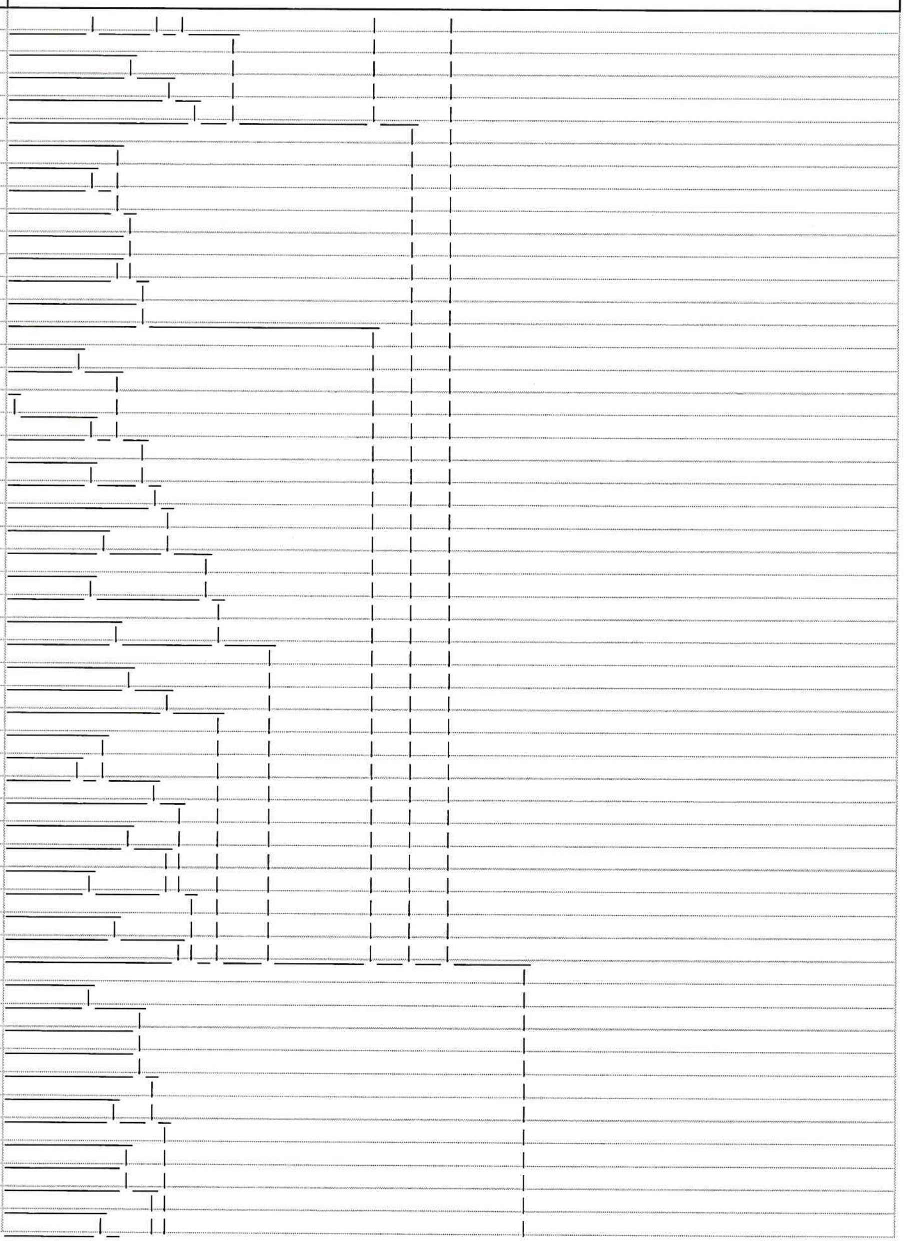


Grp	Spcode	Name
2	JP020224	Brachionus urceolaris
2	QT0804A0	Ecnomus pansus/turgidus
2	KG080101	Physa acuta
2	QDAH03A0	Cladotanytarsus sp. A
2	QE080101	Tasmanocoenis tillyardi
2	LO050505	Pristina jenkinae
2	OJ311102	Paracyclops chiltoni
2	OJ311001	Eucyclops australiensis
2	QDAE0201	Coelopynia pruinosa
2	QDAI0606	Dicrotendipes jobetus
2	QDAF1501	Cricotopus albitarsus
2	QE020299	Cloeon sp.
2	QH560103	Microvelia peramoena
2	CYNDAC	Cynodon dactylon
2	EUCCAMOB	Eucalyptus camaldulensis var. obtusa
2	CYPGYM	Cyperus gymnocaulos
2	MUEADP	Muehlenbeckia adpressa
2	SOLAME	Solanum americanum
2	KP060101	Arthritica semen
2	OJ669999	Parastenocarididae
2	QDAE17A0	Larsia ? albiceps
2	QC111204	Helochares tatei
2	CORLIT	Corrigiola litoralis
2	NICOCC	Nicotiana occidentalis
2	SILGAL	Silene gallica
2	SISIRI	Sisymbrium irio
2	OJ6401A5	Nitocra near sp. 4
3	JP020228	Brachionus cf. rotundiformis
3	TRISTR_A	Triglochin striata
3	cosa	Common Sandpiper
3	QDAI08A2	Polypedilum nr. convexum
3	OJ130101	Sulcanus conflictus
3	QDAH06A0	Paratanytarsus sp. A
3	ECHPLA	Echium plantagineum
3	OT020201	Palaemonetes australis
3	QC1304A0	Gymnocthebius sp. 1
3	ATRPRO	Atriplex prostrata
3	KG021201	Ascorhis occidua
3	QDAI08A1	Polypedilum nr vespertinus (M2)
3	LP020199	Capitella sp.
3	CASGLA	Cassytha glabella
3	OH040101	Cyprideis australiensis
3	OP090402	Melita kauerti
3	OR130299	Exosphaeroma sp.
3	MILTEN	Millotia tenuifolia
3	OH100101	Leptocythere lacustris
3	QC110602	Laccobius zeitzi
3	OJ3102A3	Metacyclops sp 2
3	ACACHR	Acacia chrysella
3	LP060199	Manayunkia sp.
3	VELEXI	Velleia exigua
3	OH0815A3	Reticypris sp. 557 (n. sp.)
3	WILBAC	Wilsonia backhousei
3	HYPHUM	Hypolaena humilis

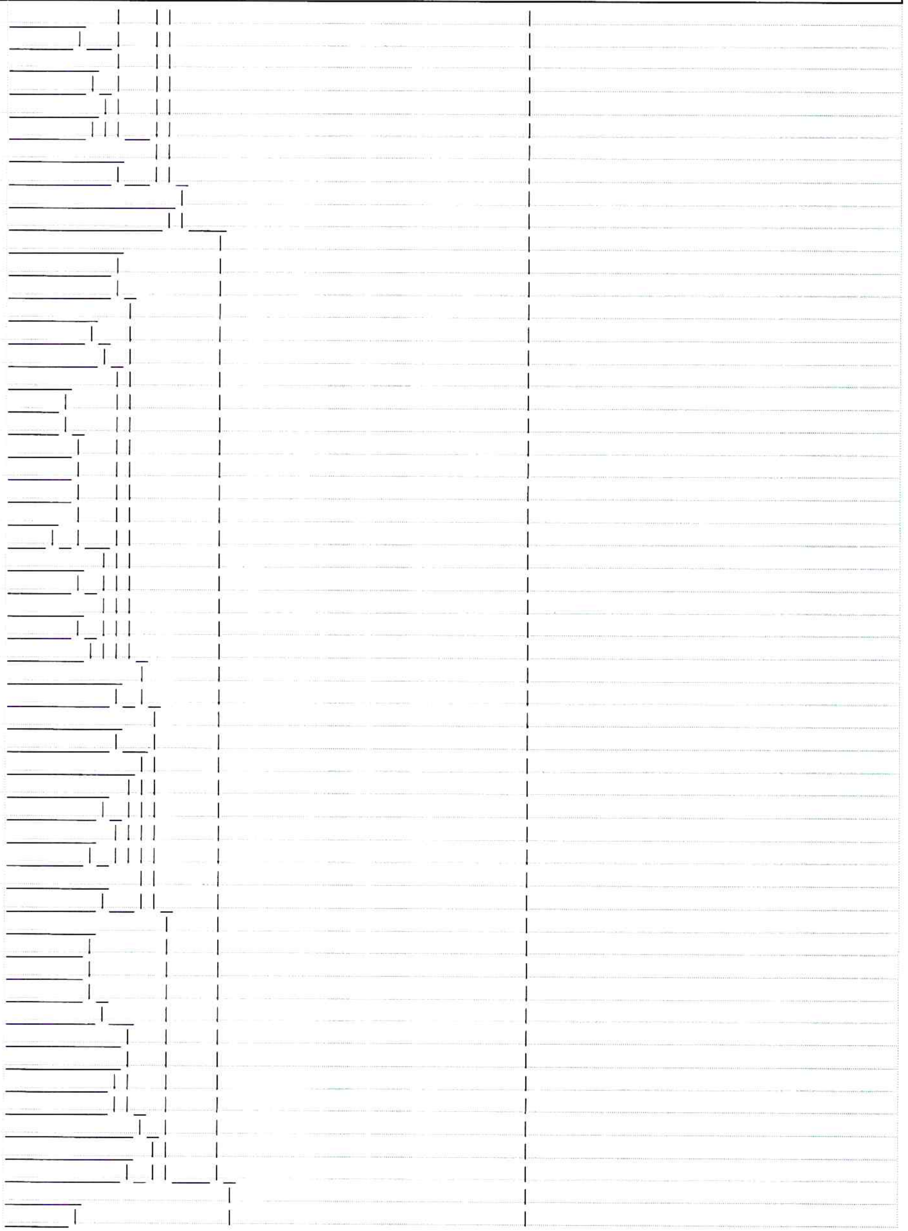
Grp	Spcode	Name
3	QD0928A4	Forcypomyia sp. 6
3	CALDRU	Callitris drummondii
3	OD020104	Parartemia cylindifera
3	OH080201	Australocypris dispar
3	STYASS	Stylidium assimile
3	CHAARI	Chaetanthus aristatus
3	QDAF99B5	Orthocladiinae sp. P
3	RHABAC	Rhagodia baccata
3	OG0602A0	Macrothrix cf. spinosa
3	ADECUN	Adenanthos cuneatus
3	SPYGLO	Spyridium globulosum
3	ACANIG	Acacia nigricans
3	CARMOD	Carpobrotus modestus
3	LEPSP._B	Lepidosperma sp.Z dark sheath(P.G.Wilson 10177)
3	ACASUB	Acacia subcaerulea
3	LABLANBR	Labichea lanceolata subsp. brevifolia
3	AST_FA	Astartea aff. fascicularis sthcst
3	DAMLIN	Dampiera linearis
3	COMCON	Comesperma confertum
3	DIABRE	Dianella brevicaulis
3	MM050301	Hydryphantes meridianus
3	OH081505	Reticyprus walbu
3	APIPRO	Apium prostratum
3	SCLARB	Sclerostegia arbuscula
3	TRISTR_B	Trifolium striatum
3	OH0823A1	Cabonocypris 'kondinensis' (ms name)
3	JP090125	Lecane furcata
3	STYGLA	Stypandra glauca
3	JP090169	Lecane thalera
3	NEMTRI	Nemcia tricuspidata
3	OJ6401A1	Nitocra sp. 1
3	QC110406	Berosus dallasae
3	ALYHUEWR	Alyogyne huegelii var. wrayae
3	ALLHUE	Allocasuarina huegeliana
4	JC0206A0	Sinantherina cf. (colony)
4	JP020313	Keratella slacki
4	OG0401A1	Ceriodaphnia quadrangula s.l.
4	MM170303	Piona murleyi
4	OJ110104	Boeckella bispinosa
4	OG040502	Simocephalus exspinosus
4	OR010101	Paramphisopus palustris
4	QD070503	Aedes macintoshi
4	BAUPRELA	Baumea preissii subsp. laxa
4	BOSERI	Bossiaea eriocarpa
4	LEPGLA_A	Lepyrodia glauca
4	RANCOL	Ranunculus colonorum
4	JF020109	Filinia longiseta
4	QH539999	Hebridae
4	GOMTOM	Gompholobium tomentosum
4	JP0203A2	Keratella cf. quadrata
4	POTPEC	Potamogeton pectinatus
4	CENASI	Centella asiatica
4	HEMUNC	Hemarthria uncinata
4	HYPEXS	Hypolaena exsulca



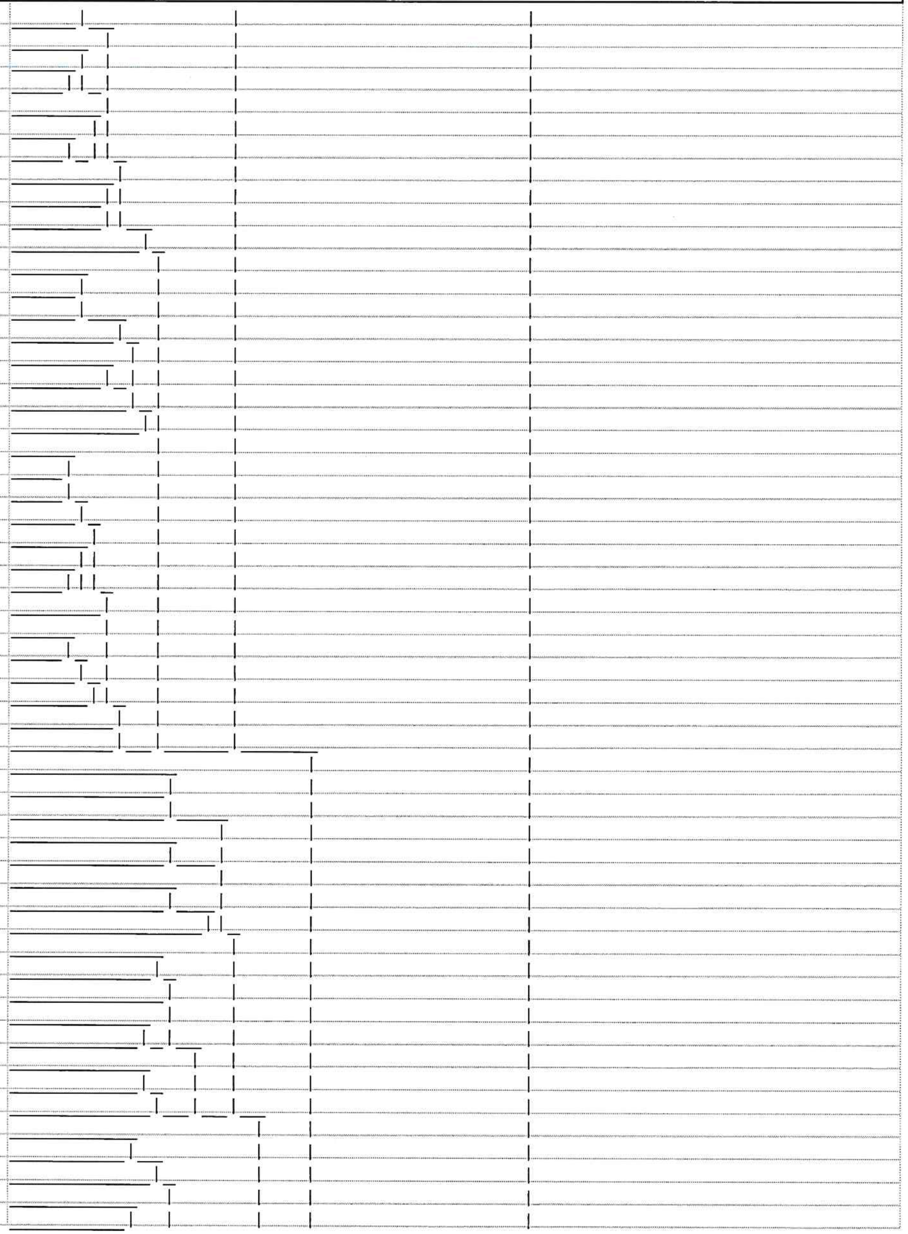
Grp	Spcode	Name
4	MELINCTE	Melaleuca incana subsp. tenella
4	ANALAE	Anarthria laevis
4	LEPSQU	Lepidosperma squamatum
4	CONSEOSE	Conostylis seorsiflora subsp. seorsiflora
4	AUSHEM	Austrostipa hemipogon
4	JP030102	Colurella coluris
4	MM0509A0	Austrotrombella sp. nov.
4	QC092201	Platynectes decempunctatus
4	OH080801	Eucypris virens
4	QDAF99C1	Orthocladiinae S03 sp. D
4	QDAE12A0	Paramerina sp.A
4	QDAF26A0	Gymnometriocnemus sp. A
4	QD0199A2	Tipulidae group C
4	CAEALF	Caesia alfordii
4	JP130203	Cephalodella panarista
4	OXAPES	Oxalis pes-caprae
4	QO130410	Austrogomphus collaris
4	QT0605A2	Cheumatopsyche sp. AV2
4	MORFLA	Moraea flaccida
4	QC100105	Macrogyrus angustatus
4	QC100201	Aulonogyrus strigosus
4	QD0199A4	Tipulidae group E
4	LO050801	Paranais litoralis
4	PASVAG	Paspalum vaginatum
4	DICCAP	Dichopogon capillipes
4	JACSTE	Jacksonia sternbergiana
4	OJ630201	Schizopera clandestina
4	DROERY	Drosera erythrorhiza
4	QC092006	Necterosoma darwini
4	QC110904	Paranacaena littoralis
4	ROMROS	Romulea rosea
4	QC092207	Platynectes aenescens
4	QC092209	Platynectes decempuntatus var polygrammus
4	QO070401	Archiargiolestes pusillus
4	QD0199A8	Tipulidae group I
4	QD0928A0	Forcypomyia sp. 3
4	QDAF15A0	Cricotopus 'parbicinctus'
4	QD100202	Simulium ornatipes
4	QDAF07A0	Thienemanniella sp. (V19)
4	QDAI01A0	Harrisius sp. A
4	TRYFLOFL	Trymalium floribundum subsp. floribundum
4	ACAPUL	Acacia pulchella
5	IF999999	Turbellaria
5	CRANAT	Crassula natans
5	QC110404	Berosus approximans
5	QC110416	Berosus macumbensis
5	OJ3102A2	Metacyclops sp. 434 (arnaudi sensu Sars)
5	BRIMAX	Briza maxima
5	BRIMIN	Briza minor
5	JP060101	Euchlanis dilatata
5	MM030199	Eylais sp.
5	QO050101	Austrolestes analis
5	JP090136	Lecane ludwigii
5	MM9999A1	Oribatida



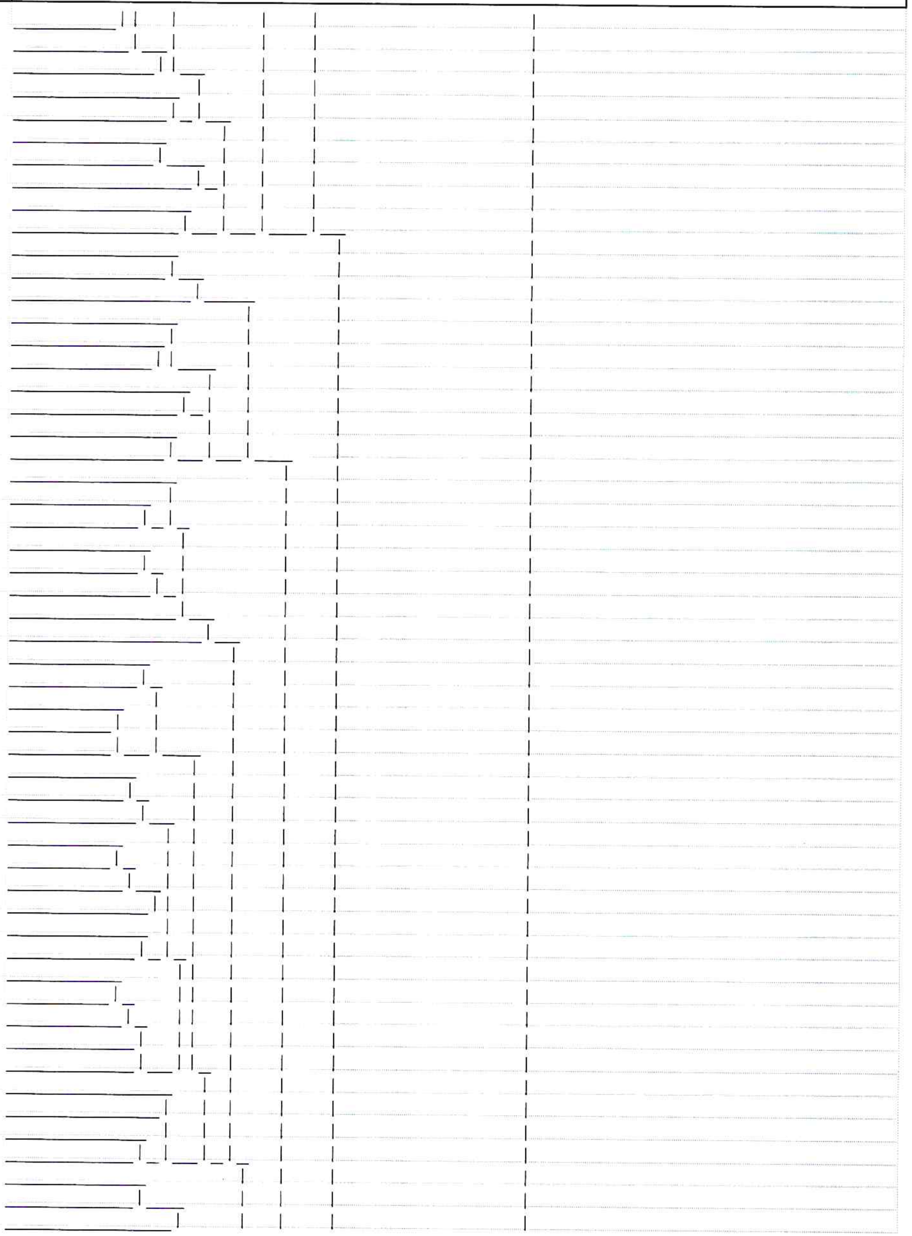
Grp	Spcode	Name
5	MM9999A2	Mesostigmata
5	MM9999A6	Trombidioidea
5	OH080101	Alboa worooa
5	QDAF1202	Paralimnophyes pullulus
5	OJ310703	Mesocyclops brooksi
5	QDAE1201	Paramerina levidensis
5	MM170101	Acercella falcipes (incl. 3 Acercella sp.)
5	OG032502	Pleuroxus inermis
5	JB9999A1	Bdelloidea med-large contracted of RJS (SAP)
5	CENERY	Centaurium erythraea
5	OG030212	Alona rigidicaudis s.l.
5	OG060201	Macrothrix breviseta
5	QH670402	Anisops hyperion
5	OG040201	Daphnia carinata
5	QDAI0414	Chironomus tepperi
5	QC092401	Lancetes lanceolatus
5	OH090101	Sarscypridopsis aculeata (incl. 165 and 642)
5	QDAI04A0	Chironomus aff. alternans (V24)
5	QO300102	Hemicordulia tau
5	OJ110101	Boeckella triarticulata
5	QH650502	Micronecta robusta
5	QDAI0804	Polypedilum nubifer
5	QH670401	Anisops thienemanni
5	QT251103	Triplectides australis
5	QDAI1901	Cryptochironomus griseidorsum
5	QT250799	Oecetis sp.
5	QDAE0804	Procladius villosimanus
5	QDAI0603	Dicrotendipes conjunctus
5	QO121201	Hemianax papuensis
5	OH080402	Candonocypris novaezelandiae (incl. 682)
5	QD070101	Anopheles annulipes
5	OJ1102A1	Calamoecia sp. 342 (ampulla variant)
5	OJ310301	Australocyclops australis
5	QH670403	Anisops gratus
5	AGRAVE	Agrostis avenacea
5	PSELUT	Pseudognaphalium luteoalbum
5	MELSTR	Melaleuca strobophylla
5	awdu	Australian Wood Duck
5	QD0920A0	Nilobezzia sp. 1
5	QO021301	Xanthagrion erythroneurum
5	OH080302	Bennelongia barangaroo
5	QC091101	Allodessus bistrigatus
5	QH650302	Agraptocorixa parvipunctata
5	QC091603	Antiporus gilberti
5	QC091805	Sternopriscus multimaculatus
5	QH650503	Micronecta gracilis
5	OH080501	Cypretta baylyi
5	QC092103	Megaporus howitti
5	QDAE1102	Ablabesmyia notabilis
5	QC092301	Rhantus suturalis
5	QDAI06A4	Dicrotendipes 'CA1' (was lindae)
5	QO170701	Diplacodes bipunctata
6	II999999	Nematoda
6	QD090899	Culicoides sp.



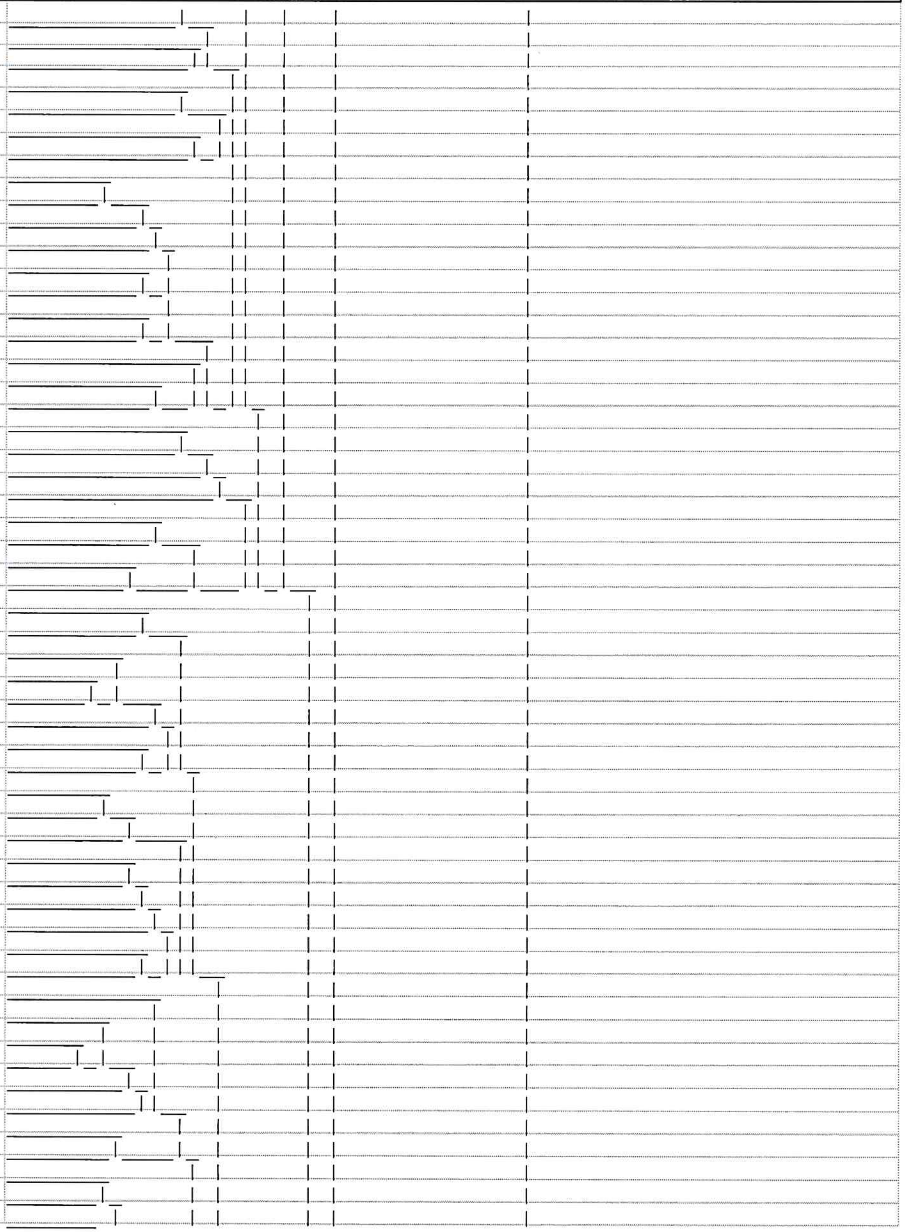
Grp	Spcode	Name
6	LO089999	Enchytraeidae
6	CENPOL	Centrolepis polygyna
6	HYPGLA_B	Hypochaeris glabra
6	VULPSP	Vulpia sp. scps
6	JUNBUF	Juncus bufonius
6	LOLISP	Lolium sp. scps
6	SONOLE	Sonchus oleraceus
6	QC189999	Staphylinidae
6	QD3699A0	Dolichopodidae sp. A
6	QD239999	Tabanidae
6	ISOMAR	Isolepis marginata
6	OP020102	Austrochiltonia subtenuis
6	POLMON	Polypogon monspeliensis
6	COTCOR	Cotula coronopifolia
6	QDAI2201	Cladopelma curtivalva
6	ANAARV	Anagallis arvensis
6	EHRLON	Ehrharta longiflora
6	BRODIA	Bromus diandrus
6	ISOSET	Isolepis setiformis
6	QD249999	Stratiomyidae
6	QDAE0803	Procladius paludicola
6	QDAH0410	Tanytarsus fuscithorax/semibarbitarsus
6	QO050102	Austrolestes annulosus
6	blsw	Black Swan
6	grte	Grey Teal
6	hhgr	Hoary-headed Grebe
6	shov	Australasian Shoveler
6	euco	Eurasian Coot
6	pedu	Pink-eared Duck
6	hard	Hardhead
6	pbdu	Pacific Black Duck
6	CASOBE	Casuarina obesa
6	wfhe	White-faced Heron
7	OR279999	Philosciidae
7	QD0919A2	Monohelea sp. 3
7	QD070706	Culex (Culex) australicus
7	QC092901	Eretes australis
7	EROCIC	Erodium cicutarium
7	QC059999	Carabidae
7	QO050105	Austrolestes io
7	QDAF99A0	Orthocladiinae sp. A (?VSC11)
7	AIRCAR	Aira caryophyllea
7	PHYLSP	Phyllangium sp. sap
7	SCHSCU	Schoenus sculptus
7	THY?PA	Thysanotus patersonii-manglesianus sthc
7	TRAPIL	Trachymene pilosa
7	AUSSETGP	Austrodanthonia setacea group sap
7	AVEMIC	Avellinia michelii
7	SEBOVA	Sebaea ovata
7	QC111103	Enochrus maculiceps
7	CRADEC	Crassula decumbens
7	TRIARVAR	Trifolium arvense var. arvense
7	CALCAL	Calandrinia calyptrata
7	CRACOL	Crassula colorata



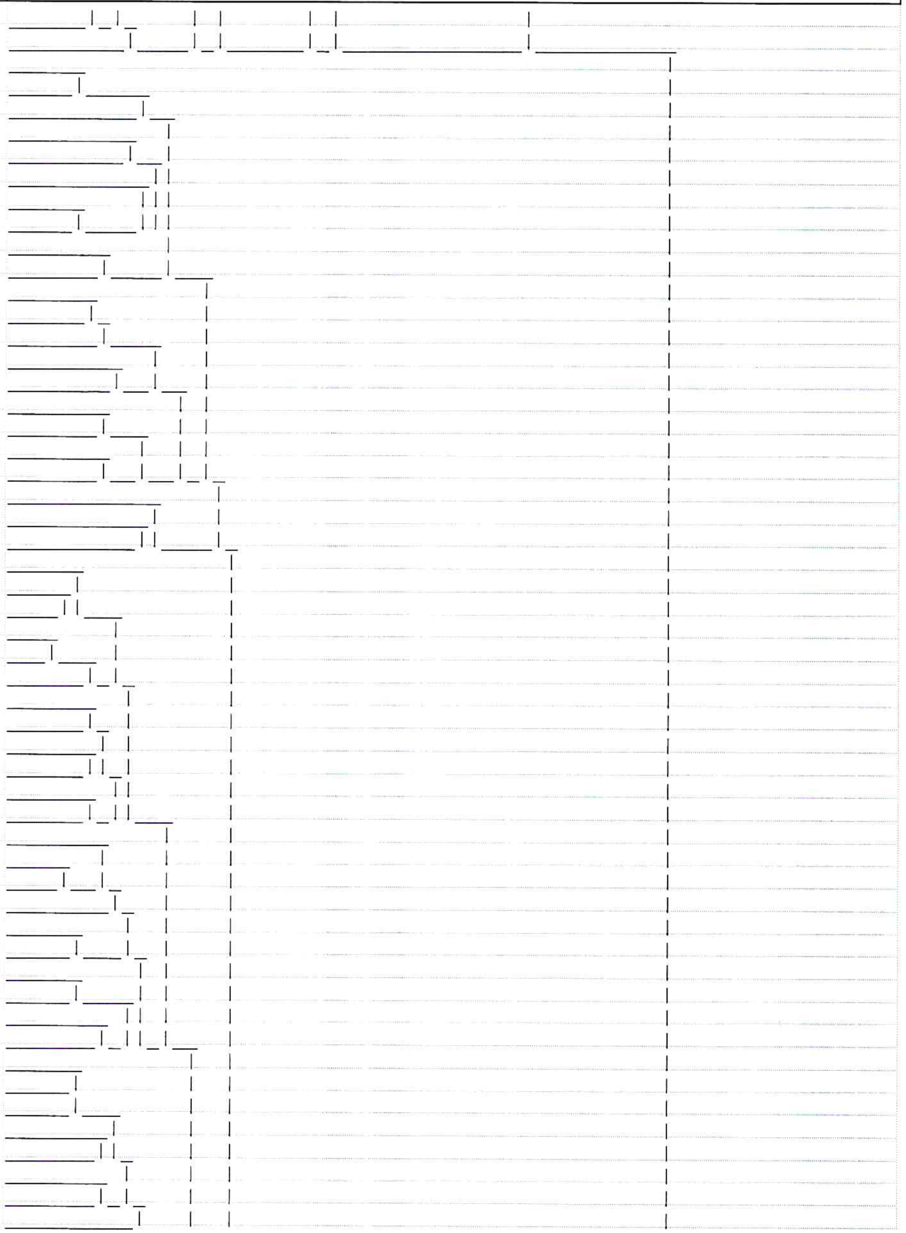
Grp	Spcode	Name
7	ISOCON	Isolepis congrua
7	TRITOMTO	Trifolium tomentosum var. tomentosum
7	SCHHUM	Schoenus humilis
7	QD459999	Sciomyzidae
7	QD7899A6	Ephydridae sp. 2 (SAP)
7	BULSEM	Bulbine semibarbata
7	GALMUR	Galium murale
7	PLACOR	Plantago coronopus
7	HAKPRE	Hakea preissii
7	wnhe	White-necked Heron
8	IR999999	Tardigrada
8	JP090129	Lecane hamata
8	CHACOR	Chamaescilla corymbosa
8	JP090137	Lecane luna
8	QD092999	Dasyhelea sp.
8	QDAF03A0	Parakiefferiella sp. A
8	QDAF99B4	Orthocladiinae S03 sp. A
8	SCHSUB_A	Schoenus subfascicularis
8	QD0904A1	Bezzia sp. 1
8	QO020505	Austroagrion coeruleum
8	JF050201	Testudinella patina
8	QC093401	Onychohydrus scutellaris
8	EPIHIR	Epilobium hirtigerum
8	LO050201	Dero digitata
8	LYTHYS	Lythrum hyssopifolia
8	QDAI25A0	Parachironomus sp. 1 (VSCL35)
8	QDAI0703	Kiefferulus martini
8	OG030202	Alona diaphana
8	JP020301	Keratella australis
8	QC090401	Hyphydrus elegans
8	QD0904A0	Bezzia sp. 2
8	QO171601	Orthetrum caledonicum
8	QO021001	Ischnura aurora aurora
8	OJ620101	Onychocamptus bengalensis
8	OJ6401A0	Nitocra? reducta (sp. 5)
8	QT250504	Notalina spira
8	QDAI0701	Kiefferulus intertinctus
8	SYMSUB	Symphyotrichum subulatum
8	QH650301	Agraptocorixa eurynome
8	RUMCRI	Rumex crispus
8	QC091205	Liodessus inornatus
8	ACASAL	Acacia saligna
8	QDAI0611	Dicrotendipes pseudoconjunctus
8	mudu	Musk Duck
8	EUCOCC	Eucalyptus occidentalis
8	JUNPAL	Juncus pallidus
8	SONHYD	Sonchus hydrophilus
8	JP030101	Colurella adriatica
8	LO041001	Ainudrilus nharna
8	OH010203	Limnocythere mowbrayensis
8	OH060101	Ilyocypris australiensis
8	MM120101	Limnesia dentifera
8	QC092802	Hyderodes crassus
8	QD090499	Bezzia sp. (not 1 or 2)



Grp	Spcode	Name
8	OG070101	Moina australiensis
8	QD1299A1	Psychodinae sp. 2
8	QD359999	Empididae
8	OG0401A6	Ceriodaphnia n. sp. (Berner sp.#1)
8	QC110401	Berosus australiae
8	OJ6199A4	Canthocamptidae sp. 5
8	QDAF99A8	Orthocladiinae sp. J
8	OH081201	Mytilocypris ambiguosa
8	LEPCYL	Lepilaena cylindrocarpa
8	ISOCER	Isolepis cernua
8	DIAREV	Dianella revoluta
8	QH670429	Anisops baylii
8	VELDEA	Vellereophyton dealbatum
8	QC060104	Haliplus fuscatus
8	MELVIM	Melaleuca viminea
8	QC111102	Enochrus eyrensis
8	QDAI0408	Chironomus occidentalis
8	ybsp	Yellow-billed Spoonbill
8	QC092009	Necterosoma regulare
8	ACAACU_B	Acacia acuminata
8	STEMED	Stellaria media
8	TRICAM	Trifolium campestre
8	CASAURML	Cassytha aurea
8	CENSTR	Centrolepis strigosa
8	CONALB	Conyza albida
8	SOLNIG	Solanum nigrum
9	JB9999A0	Bdelloidea small contracted of RJS (SAP)
9	QD3699A1	Dolichopodidae sp. B
9	QC110409	Berosus discolor
9	GAHTRI	Gahnia trifida
9	MELCUT	Melaleuca cuticularis
9	SAMJUN	Samolus junceus
9	SCHSUB_B	Schoenus submicrostachyus
9	VILPAR	Villarsia parnassifolia
9	KG1301A2	Coxiella expstri (exposite + striatula)
9	ANGPRE	Angianthus preissianus
9	ISOSCA	Isotoma scapigera
9	QD9999A1	Scatopsidae
9	QDAF99A5	Orthocladiinae sp. G
9	DARHAL	Darwinia halophila
9	MELBRE	Melaleuca brevifolia
9	BROHOR	Bromus hordeaceus
9	SONASP	Sonchus asper
9	JP0204A0	Notholca cf. salina
9	OJ110401	Gladioferens imparipens
9	OJ3104A0	Halicyclops sp. 1 (nr ambiguus)
9	OJ610302	Mesochra baylyi
9	QT250903	Symphitoneuria wheeleri
9	JUNKRAAU	Juncus kraussii subsp. australiensis
9	SAMREP	Samolus repens
9	SUAAUS	Suaeda australis
9	ACACYC	Acacia cyclops
9	CHEGLA	Chenopodium glaucum
9	ISONOD	Isolepis nodosa

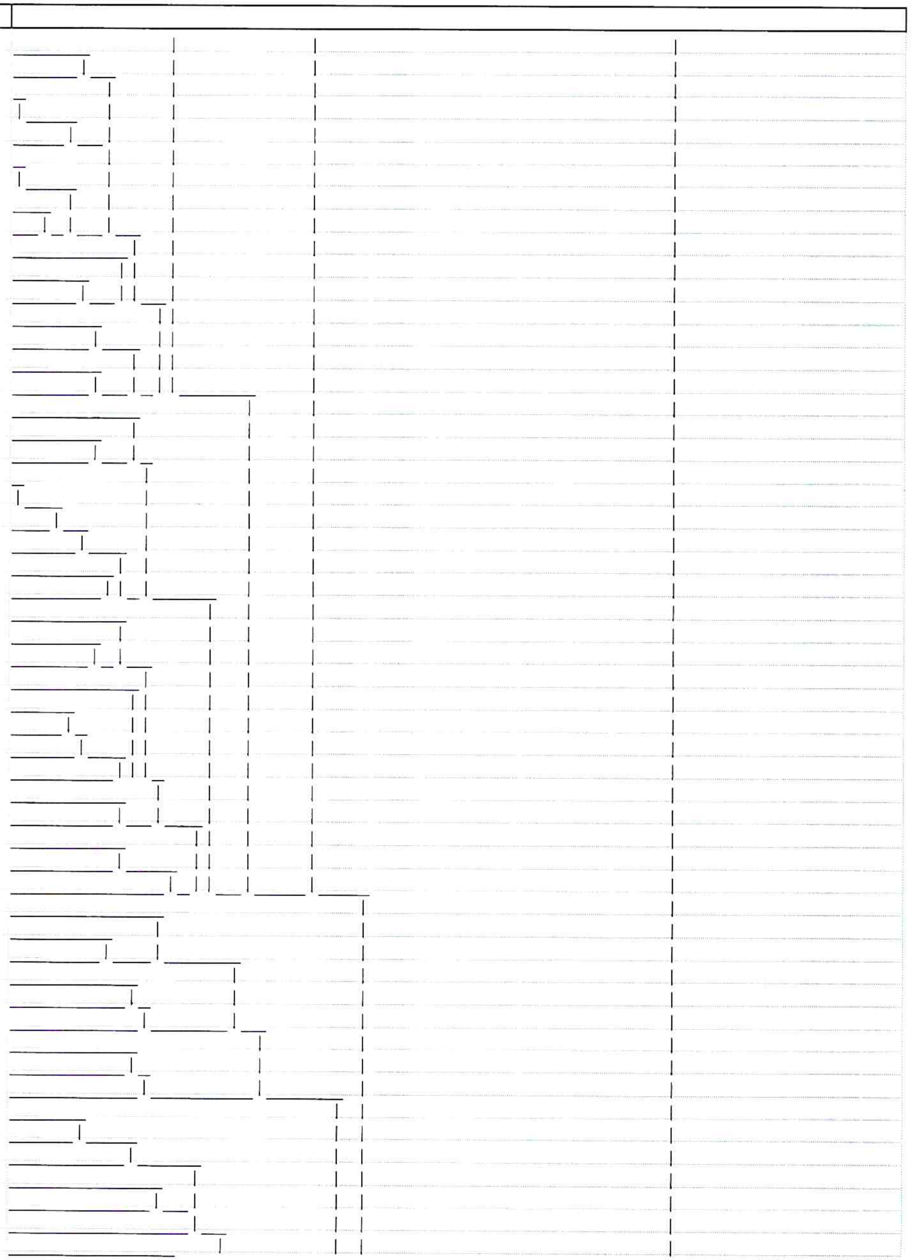


Grp	Spcode	Name
9	SPOVIR	Sporobolus virginicus
9	chte	Chestnut Teal
10	JF0305A2	Ptygura sp. a (Ardath)
10	QD8999B0	Muscidae sp. K
10	MELBRO	Melaleuca brophyi
10	KG130102	Coxiella gilesi
10	WILROT	Wilsonia rotundifolia
10	OD010102	Artemia parthenogenetica
10	rnst	Red-necked Stint
10	stsa	Sharp-tailed Sandpiper
10	ANGPYG	Angianthus pygmaeus
10	FRAPUL	Frankenia pulverulenta
10	ATRPAL	Atriplex paludosa
10	MORSET	Moraea setifolia
10	MAIBRE	Maireana brevifolia
10	BRATOU	Brassica tournefortii
10	PARDEB	Parietaria debilis
10	EUCMYR	Eucalyptus myriadena
10	HALPTE	Halosarcia pterygosperma
10	MEDTRU	Medicago truncatula
10	POGMUE	Pogonolepis muelleriana
10	RUPTUB	Ruppia tuberosa
10	gree	Common Greenshank
10	whte	Whiskered Tern
10	KG1301A0	Coxiella sp. 1(Aus. Mus. Code)
10	HAETAT	Haegiela tatei
10	TRIAFFNA	Triglochin aff. nanum sap
10	GOOSP.	Goodenia sp.Lake King(M.Gustafsson et K.Bremer 132)
10	KIPSUA	Kippistia suaedifolia
10	HYDHEX	Hydrocotyle hexaptera
10	OD020103	Parartemia serventii
10	OH080206	Australocypris 'bennetti' (ms name)
10	OH080707	Diacypris whitei
10	FRASP	Frankenia cinerea/puncata SAP
10	OD020106	Parartemia longicaudata
10	OH080705	Diacypris fodiens
10	OH0807A3	Diacypris 'gunyidi' (ms name)
10	hopl	Hooded Plover
10	rcpl	Red-capped Plover
10	bast	Banded Stilt
10	MAIOPP	Maireana oppositifolia
10	SCLMON	Sclerostegia moniliformis
10	ATRVES	Atriplex vesicaria
10	BRALIN	Brachyscome lineariloba
10	HORPRO	Hornungia procumbens
10	ROSCRI	Rostraria cristata
10	AUSJUN	Austrostipa juncifolia
10	BRAEXI	Brachyscome exilis
10	FRATET	Frankenia tetrapetala
10	GNAIND	Gnaphalium indutum
10	MILMAJ	Millotia major
10	TEGUNI	Tegicornia uniflora
10	WILHUM	Wilsonia humilis
10	PODANG	Podotheca angustifolia

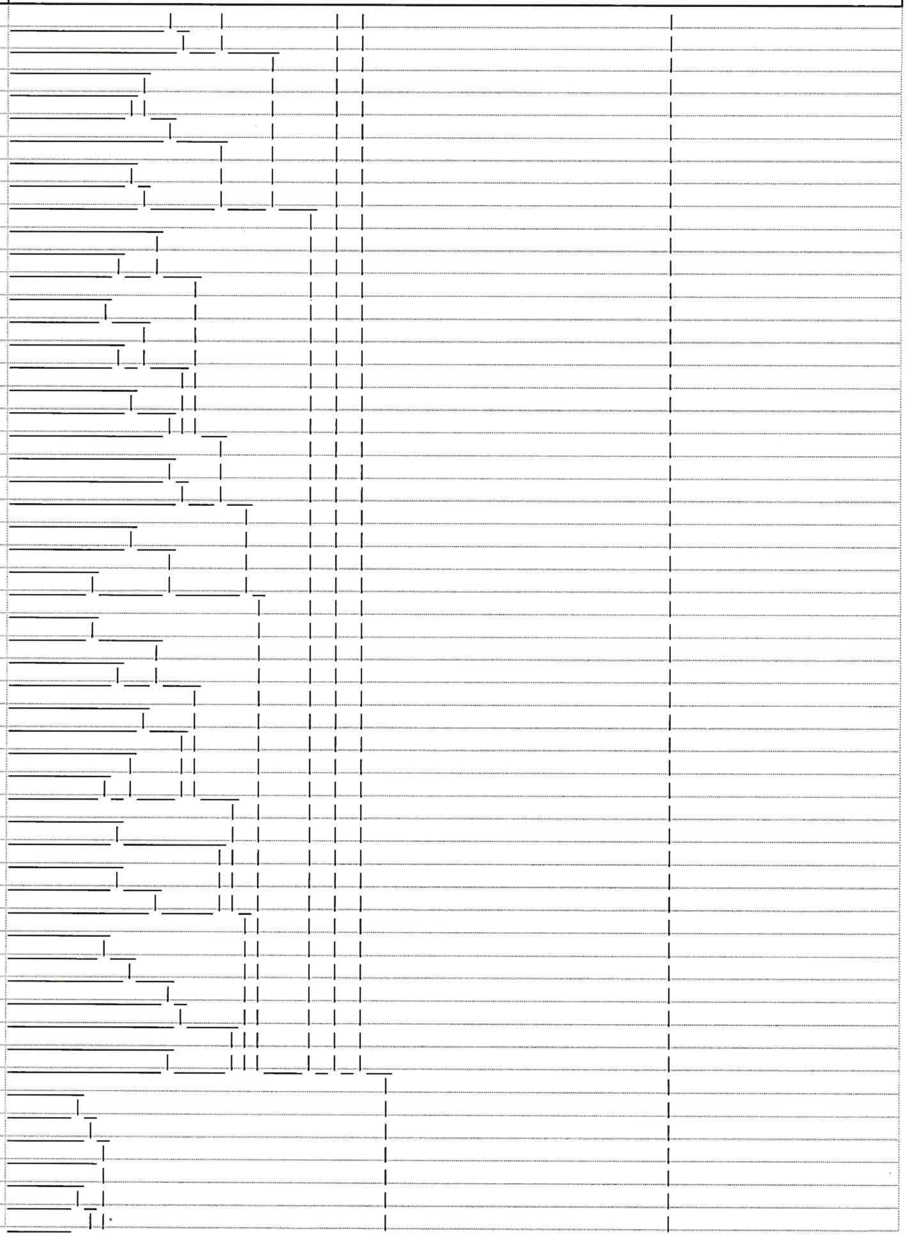


Grp	Spcode	Name	
10	HALSYN	Halosarcia syncarpa	
10	HYDMED	Hydrocotyle medicaginoides	
10	LEPPRE_B	Lepilaena preissii	
10	SARBLA	Sarcocornia blackiana	
10	LAWGLO	Lawrencia glomerata	
10	THRDIF	Threlkeldia diffusa	
10	OD020102	Parartemia contracta	
10	OH0815A0	Reticypris sp. 556 (n. sp.)	
10	OJ1102A0	Calamoecia trilobata	
10	QDAF99C0	Orthocladiinae S03 sp. C (V31)	
10	CEROBI	Ceratogyne obionoides	
10	TRACYA	Trachymene cyanopetala	
10	FRAAFFSE	Frankenia aff. sessilis sap	
10	HYDCRA	Hydrocotyle crassipes	
10	OJ3102A5	Metacyclops sp. 3 (nr platypus in Morton)	
10	ZYGSIM	Zygophyllum simile	
10	PTIGAU	Ptilotus gaudichaudii	
10	ISOHYP	Isotoma hypocrateriformis	
10	LOBGIB	Lobelia gibbosa	
10	OH080701	Diacypris dictyote	
10	MAICAR	Maireana carnosa	
10	SCLDIA	Sclerolaena diacantha	
10	AUSPYC	Austrostipa pycnostachya	
10	GNETRI_A	Gnephosis tridens	
10	CALSP._B	Calandrinia sp.Needilup(K.R.Newbey 4892)	
10	GUNINT	Gunniopsis intermedia	
10	HALLYL	Halosarcia lylei	
10	BLEPHL	Blennospora phlegmatocarpa	
10	QC0914A0	Paroster sp. 1 (Frank Hahn)	
10	ROYPYC	Roycea pycnophylloides	
10	FRASET	Frankenia setosa	
10	HEMDIA	Hemichroa diandra	
10	LEPROT	Lepidium rotundum	
10	SCLPAR	Sclerolaena parviflora	
10	GNEUNI	Gnephosis uniflora	
10	FRADRU	Frankenia drummondii	
10	LYCAUS	Lycium australe	
10	OD0201A1	Parartemia longicaudata subspecies a	
10	HYDMUR	Hydrocotyle muriculata	
10	WURMON	Wurmbea monantha	
10	OH080706	Diacypris phoxe	
10	OJ110209	Calamoecia salina	
10	OJ6302A0	Schizopera sp. 1	
10	GOOPUS	Goodenia pusilliflora	
10	HELLEU	Helichrysum leucopsideum	
10	MICSCA	Microseris scapigera	
10	PODTEP	Podolepis tepperi	
10	WURTEN	Wurmbea tenella	
11	OD020105	Parartemia informis	
11	TRISP	Tribonathes aff. Violacea salt lake	
11	FRABRA	Frankenia bracteata	
11	SARGLO	Sarcocornia globosa	
11	HALLEPIN	Halosarcia leptoclada subsp. inclusa	
11	HYAGLUGL	Hyalosperma glutinosum subsp. glutinosum	

Grp	Spcode	Name
11	OD0201B0	Parartemia sp. nov. 7 (Decourcy)
11	HALSP._D	Halosarcia sp.Gunyidi(M.N.Lyons 2607)
11	STYOBTAF	Stylidium aff. Obtusatum
11	TRICALRE	Triglochin calcitrapum subsp. recurvum
11	WURDIOSL	Wurmbea dioica Salt Lake
11	CHOHAL	Chondropyxis halophila
11	HALSP._C	Halosarcia sp.Lake Moore(M.N.Lyons 2603)
11	TRIGLKH	Triglochin sp. Lake Harvey sap
11	TRISKI	Trichanthodium skirrophorum
11	ASTATH	Asteridea athrixioides
11	ATRNAN	Atriplex nana
11	FRACIN	Frankenia cinerea
11	BRAONC	Brachyscome oncocarpa
11	FRAAFFLA	Frankenia aff. laxiflora sap
11	DROZIG	Drosera zigzagia
11	gbte	Gull-billed Tern
11	BRACIL	Brachyscome ciliaris
11	PLADRU	Plantago drummondii
11	RHOHET	Rhodanthe heterantha
11	FRACINAF	Frankenia cinerea aff.
11	SONCON	Sondottia connata
11	MAIAPP	Maireana appressa
11	GNESET	Gnephosis setifera
11	HALPRU	Halosarcia pruinosa
11	ZYGERE	Zygophyllum eremaeum
11	CALHIS_B	Calotis hispidula
11	DITAMP	Dithyrostegia amplexicaulis
11	THYSPE	Thysanotus speckii
11	EROCYG	Erodium cygnorum
11	GNETRI_B	Gnephosis trifida
11	SCLEUR	Sclerolaena eurotioides
11	MAIATK	Maireana atkinsiana
11	SCLDIS	Sclerostegia disarticulata
11	GUNQUA	Gunniopsis quadrifida
11	MAISUA	Maireana suaedifolia
11	CYPRIG	Cyperus rigidellus
11	HALPXD	Halosarcia pergranulata x doleiformis SAP
11	RUPMAR	Ruppia maritima
12	JP090135	Lecane levistyla
12	OE010101	Triops australiensis australiensis
12	MENAUS	Menkea australis
12	JP0901B9	Lecane ludwigi f. appendiculata
12	OJ610303	Mesochra parva
12	TYPORI	Typha orientalis
12	OH081002	Heterocypris incongruens
12	CHTPSE	Chthonocephalus pseudevax
12	ACTULI	Actinobole uliginosum
12	OD030101	Branchinella affinis
12	OF010399	Caenestheriella sp.
12	QC110421	Berosus nutans
12	OJ310302	Australocyclops similis
12	SPERUB	Spergularia rubra
12	QDAH04A2	Tanytarsus sp. C (bispinosus)
12	OF0102A0	Caenestheria sp. nov. a (nr. lutraria)

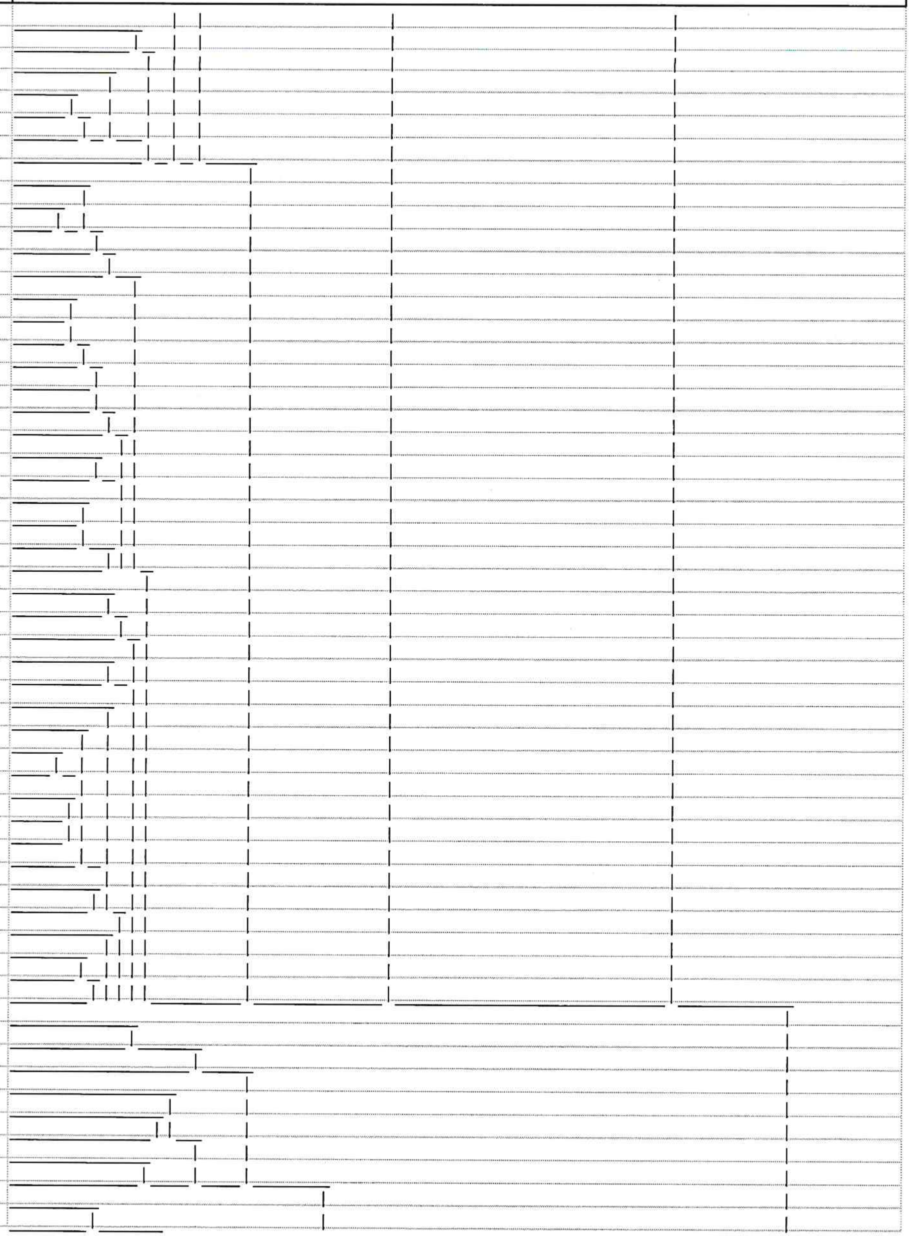


Grp	Spcode	Name
12	VELCYC	Velleia cycnopotamica
12	ANGTOM	Angianthus tomentosus
12	ARICON	Aristida contorta
12	CENERE	Centrolepis eremica
12	PODGNA	Podotheca gnaphalioides
12	GNETEN	Gnephosis tenuissima
12	BRAPER	Brachyscome perpusilla
12	TRICALIN	Triglochin calcitrapum subsp. incurvum
12	CENPIL	Centrolepis pilosa
12	OG0302B5	Alona cf. rectangula
12	HALDOLAF	Halosarcia aff. Doleformis
12	TETDIP	Tetragonia diptera
12	OG040306	Daphniopsis wardi
12	FRAPAU_A	Frankenia pauciflora (slender inland) SAP
12	EXOAPH	Exocarpos aphyllus
12	GNEBRE	Gnephosis brevifolia
12	HALPERAF	Halosarcia aff. Pergranulata
12	MELAFSTS	Melaleuca aff. stereophloia "stubby" sap
12	SARPRA	Sarcozona praecox
12	OG060206	Macrothrix carinata
12	PERPRO	Persicaria prostrata
12	SCHNAN	Schoenus nanus
12	ATRCOD	Atriplex codonocarpa
12	RHOCHLSP	Rhodanthe chlorocephala subsp. splendida
12	GOOMIM	Goodenia mimuloides
12	SPEARV	Spergula arvensis
12	OH0815A6	Reticypris ?pinguis
12	QD8999A7	Muscidae sp. H
12	EPIDEM	Epitriche demissus
12	PLAAFFHI	Plantago aff. hispidula (annual) ng & ml 1732 CARN AHB 4517
12	CUSEPI	Cuscuta epithymum
12	LAMAUR	Lamarckia aurea
12	HYDCOO	Hydrocotyle coorowensis
12	PTISP.	Ptilotus sp.salt lake(M.Graham G 200.28)
12	TRIEXI	Trichanthodium exile
12	ATRSEM_B	Atriplex semilunaris
12	SALTRA	Salsola tragus
12	BRAHAL	Brachyscome halophila
12	MELSTE	Melaleuca stereophloia
12	FRAPAUBH	Frankenia pauciflora broad hispid
12	FITAXI	Fitzwillia axilliflora
12	PARCAR	Parietaria cardiostegia
12	NEOGLO	Neosciadium glochidiatum
12	HYDVIG	Hydrocotyle vigintimilia
12	SAGAPE	Sagina apetala
12	ROSPUM	Rostraria pumila
12	UROPIC	Urospermum picroides
13	JF040105	Hexarthra fennica
13	OJ311201	Apocyclops dengizicus
13	bwst	Black-winged Stilt
13	OG040302	Daphniopsis queenslandensis
13	OH080602	Cyprinotus edwardi
13	RUPPOL	Ruppia polycarpa
13	OH081208	Mytilocypris tasmanica chapmani

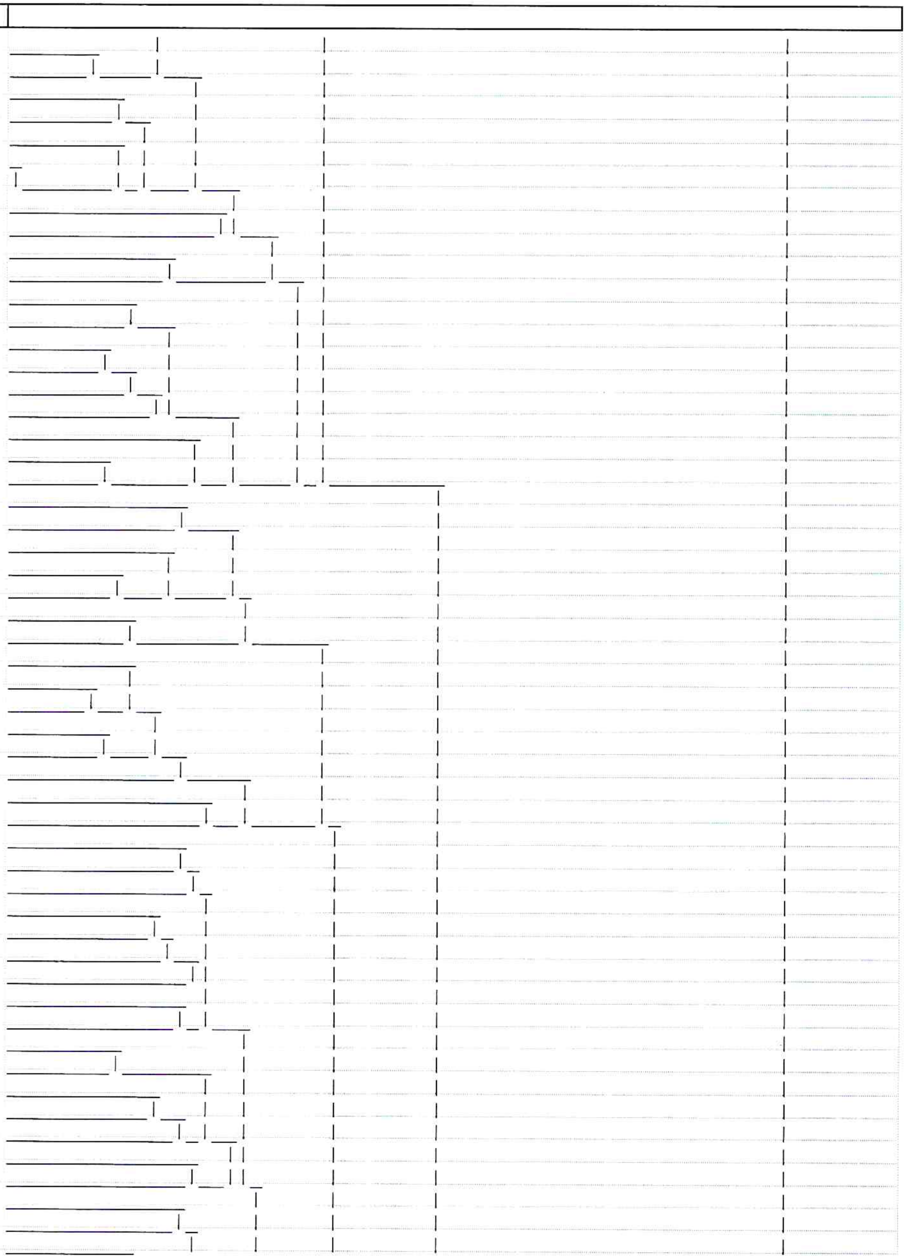


Grp	Spcode	Name
13	QD7899A7	Ephydridae sp. 3 (SAP)
13	QC092001	Necterosoma penicillatus
13	JP020219	Brachionus plicatilis s.l.
13	rkdo	Red-kneed Dotterel
13	OH080703	Diacypris spinosa
13	RUPMEG	Ruppia megacarpa
13	OJ6103A1	Mesochra nr flava
13	HALLEP_A	Halosarcia lepidosperma
13	SARQUI	Sarcocornia quinqueflora
13	APIANN	Apium annuum
13	ATRSEM_A	Atriplex semibaccata
13	HORMAR	Hordeum marinum
13	KG1301A3	Coxiella glabams2 (glabra + AMS2)
13	sigu	Silver Gull
13	OG040305	Daphniopsis truncata
13	OH081501	Reticypris clava
13	OG040301	Daphniopsis pusilla
13	OH080203	Australocypris insularis
13	OH080704	Diacypris compacta
13	QDAH0402	Tanytarsus barbitarsis
13	OH082601	Platycypris baueri
13	OJ311701	Meridiecyclops baylyi
13	OR250101	Haloniscus searlei
13	QD7899B0	Ephydridae sp. 6 (SAP)
13	QD8999A0	Muscidae sp. A
13	QD070502	Aedes camptorhynchus
13	QC110418	Berosus munitipennis
13	PODCAP	Podolepis capillaris
13	ARCCAL	Arctotheca calendula
13	COTBIP	Cotula bipinnata
13	BRORUB	Bromus rubens
13	AUSELE	Austrostipa elegantissima
13	DISCRA	Disphyma crassifolium
13	SENGLO_B	Senecio glossanthus
13	ENCTOM	Enchylaena tomentosa
13	MESNOD	Mesembryanthemum nodiflorum
13	RHADRU	Rhagodia drummondii
13	COTCOT	Cotula cotuloides
13	HALPER	Halosarcia pergranulata
13	PARINC	Parapholis incurva
13	TRIMUC	Triglochin mucronata
13	SPEMAR	Spergularia marina
13	shel	Australian Shelduck
13	TRIMIN	Triglochin minutissima
13	HORGLA	Hordeum glaucum
13	OJ110208	Calamoecia clitellata
13	LAWDIF	Lawrencia diffusa
13	MELHAL	Melaleuca halmaturorum
13	PUCSTR	Puccinellia stricta
13	OJ3102A0	Metacyclops sp. 442 (salinarum in Morton)
13	HYDRUG	Hydrocotyle rugulosa
13	COMINT	Comesperma integerrimum
13	MELLAT_A	Melaleuca lateriflora
13	MELSP._C	Melaleuca sp.Wongan Hills(R.Davis 1959)

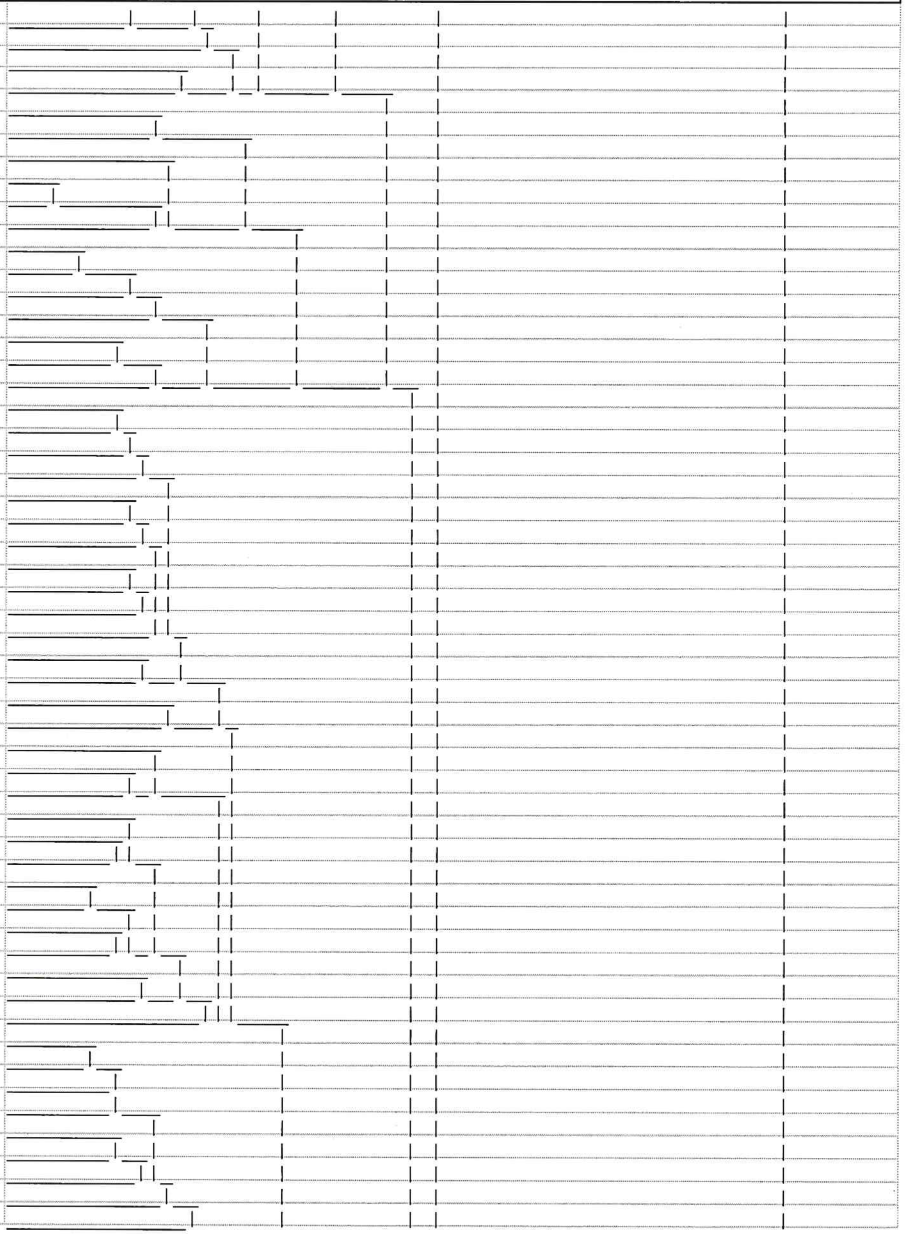
Grp	Spcode	Name
13	QL9999A2	Pyralidae nr. sp. 39 of JHH
13	HYDDIA	Hydrocotyle diantha
13	CALERE	Calandrinia eremaea
13	CALGRA	Calandrinia granulifera
13	CRAEXS	Crassula exserta
13	PENAIR	Pentaschistis airoides
13	URSANT	Ursinia anthemoides
14	ANGMIC	Angianthus micropodioides
14	ATRHYM	Atriplex hymenotheca
14	STESAL	Stenopetalum salicola
14	TRICALCA	Triglochin calcitrapum subsp. calcitrapum
14	TRICEN	Triglochin centrocarpa
14	ATRHOL	Atriplex holocarpa
14	HALPEL	Halosarcia peltata
14	SENLAUMA	Senecio lautus subsp. maritimus
14	FRACON	Frankenia conferta
14	GUNGLA	Gunniopsis glabra
14	MAIAMO	Maireana amoena
14	HALFIM	Halosarcia fimbriata
14	LAWSQU	Lawrencia squamata
14	rnav	Red-necked Avocet
14	BROARE	Bromus arenarius
14	GNEACI	Gnephosis acicularis
14	HALUND	Halosarcia undulata
14	PODPRI	Podotheca pritzelii
14	BRAPUS	Brachyscome pusilla
14	SPESP._A	Spergularia sp3
14	MELTHY_B	Melaleuca thyoides
14	CALPOL	Calandrinia polyandra
14	TRICLA	Tripteris clandestina
14	CENCEP	Centrolepis cephaloformis
14	CENHUM	Centrolepis humillima
14	HYAGLO	Hyalochlamys globifera
14	TRIMINEL	Triglochin minutissima ssp. elongatum sap
14	DIDROE	Didymanthus roei
14	GUNSEP	Gunniopsis septifraga
14	HALHAL	Halosarcia halocnemoides
14	POGSTR	Pogonolepis stricta
14	ERADIE	Eragrostis dielsii
14	GNEANG	Gnephosis angianthoides
14	FRAPAU_B	Frankenia pauciflora
14	HALDOL	Halosarcia doleiformis
14	HALIND	Halosarcia indica
14	SONTEN	Sonchus tenerrimus
15	IB010199	Hydra sp.
15	JP170202	Trichotria tetractis similis
15	OV010113	Cherax preissii
15	LO050701	Chaetogaster diastrophus
15	MM230101	Arrenurus balladoniensis
15	TRIDUB	Trifolium dubium
15	QH670407	Anisops elstoni
15	QO170201	Agrionoptera insignis allogenes
15	IH999999	Nemertini
15	JP130409	Monommata maculata



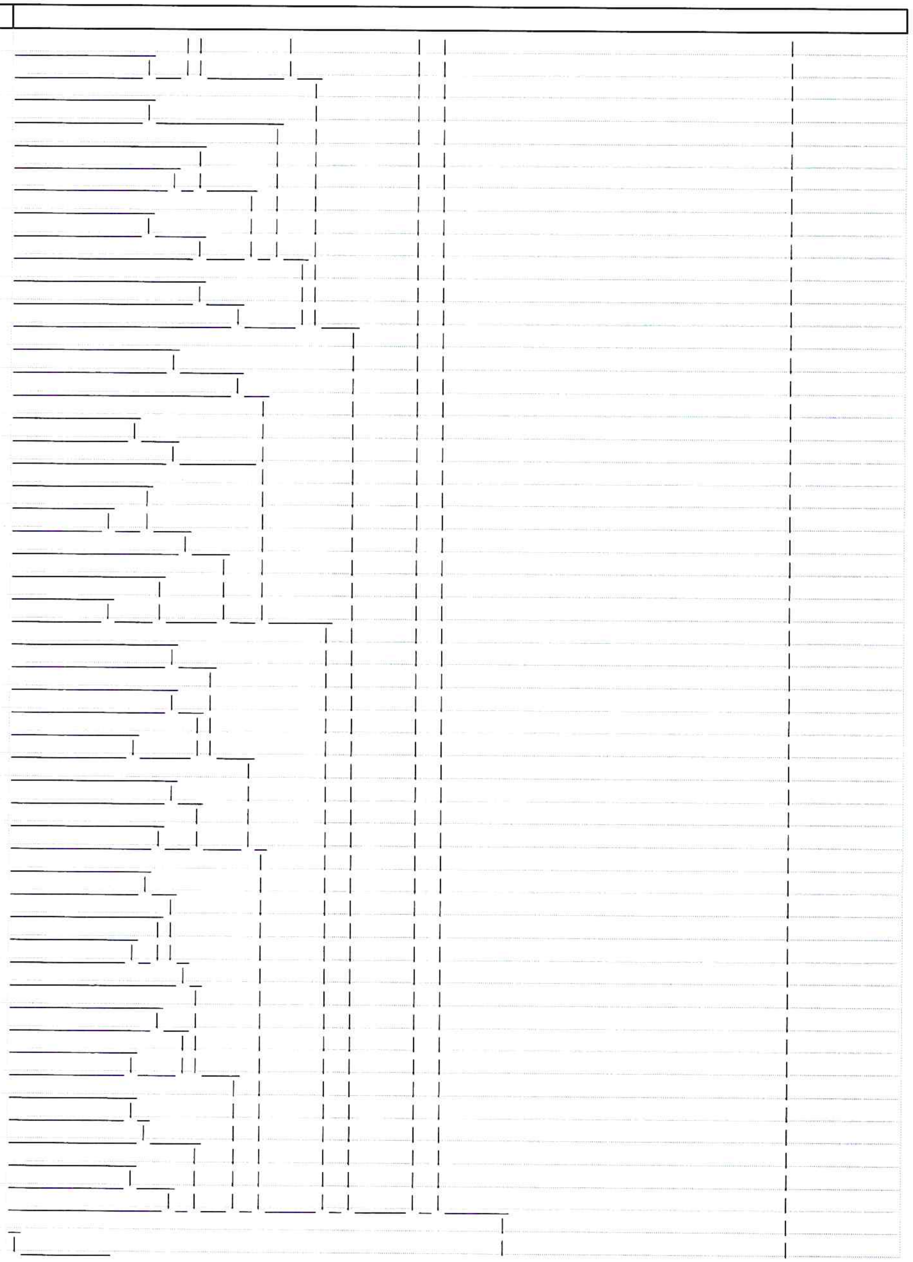
Grp	Spcode	Name
15	QD0708A0	Coquillettidia nr linealis
15	DROPUL	Drosera pulchella
15	JP020206	Brachionus calyciflorus
15	aubi	Australasian Bittern
15	JP1801A0	Scaridium cf. bostjani
15	bacr	Baillon's Crake
15	ligr	Little Grassbird
15	QDAF19A0	Compterosmittia? sp. A
15	swha	Swamp Harrier
15	JP160328	Trichocerca rattus
15	JP160336	Trichocerca tigris
15	LO050203	Dero furcata
15	QH650101	Diaprepocoris sp.
15	OJ6999B0	Harpacticoida sp. 2
15	QO300202	Procordulia affinis
15	clrw	Clamorous Reed-Warbler
15	QC091809	Sternopriscus browni
15	OJ3111A1	Paracyclops sp 1 (nr timmsi)
15	AUSFLA	Austrostipa flavescens
15	POAPOI	Poa poiformis
16	JF0305A1	Ptygura cf. crystallina
16	OG0317A1	Leberis n. sp. (ngopitchup)
16	JP160314	Trichocerca iernis
16	OH0103A1	Paralimnocythere sp. 262
16	OH1101A0	Newnhamia sp. 295
16	OE010201	Lepidurus apus viridis
16	QDAE99A5	Tanypodinae sp. C (nr Tanypus)
16	LO0511A0	Bratislavia WA1
16	OG070105	Moina tenuicornis
16	QD070505	Aedes (Och.) nigrithorax
16	OJ6199A3	Canthocamptidae sp. 4
16	CENCRACO	Centipeda crateriformis subsp. compacta
16	QL9999A6	Lepidoptera sp. 9
16	QC091604	Antiporus femoralis
16	SENHIS	Senecio hispidulus
16	JP020601	Platyias quadricornis
16	OH0819A3	Ilyodromus sp. 255
16	OH0102A2	Limnocythere sp. 447 (aff. porphretica)
16	JP0601A1	Euchlanis cf. meneta
16	CHOENO	Chorizandra enodis
16	QD070501	Aedes alboannulotus
16	JP090112	Lecane closterocerca
16	OG030214	Alona setigera
16	OG0302B0	Alona nr. affinis (n. sp.?)
16	JP030211	Lepadella biloba
16	JP120301	Tripleuchlanis plicata
16	OG0401A7	Ceriodaphnia n. sp. (Berner sp.#5)
16	OJ110108	Boeckella geniculata
16	ISOSTE	Isolepis stellata
16	LA999999	Aphanoneura
16	OG030401	Archepleuroxus baylyi
16	QD0707A2	Culex (Culex) sp. 2
16	MONDEB	Monopsis debilis
16	QD8999A2	Muscidae sp. C



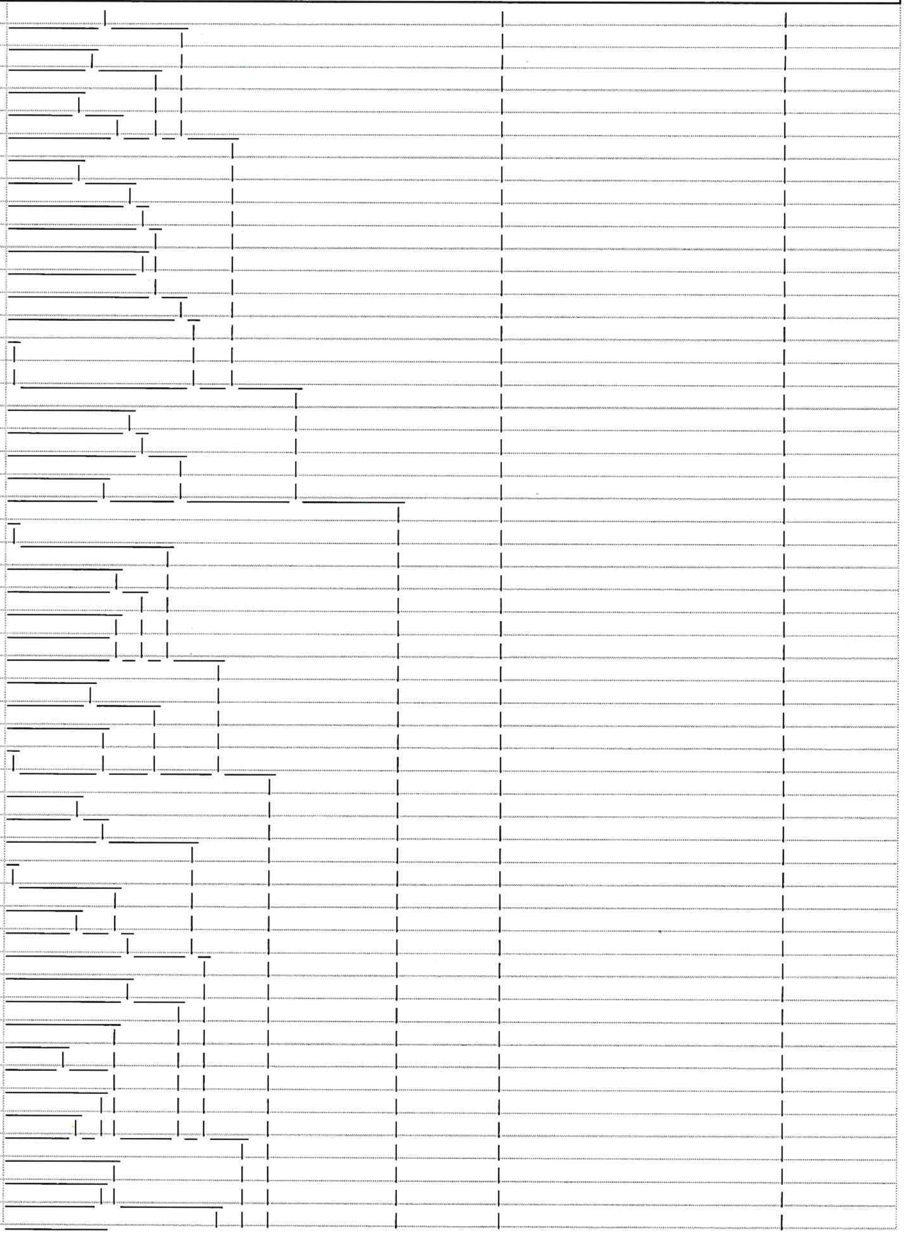
Grp	Spcode	Name
16	MELHAM_A	Melaleuca hamata
16	NEUALO	Neurachne alopecuroidea
16	DISBRA	Disa bracteata
16	TRISUB	Trifolium subterraneum
16	LO050202	Dero nivea
16	PODLES	Podolepis lessonii
16	CALAFFCO	Calandrinia aff. composita sap
16	CICFIL	Cicendia filiformis
16	SCHPLU	Schoenus plumosus
16	JUNCAP	Juncus capitatus
16	APHCYP	Aphelia cyperoides
16	HYDALA	Hydrocotyle alata
16	STYINU	Stylidium inundatum
16	SILFIL	Siloxerus filifolius
16	CENMUT	Centrolepis mutica
16	PODGRA	Podolepis gracilis
16	UTRMUL	Utricularia multifida
17	JP020308	Keratella procurva
17	KG0702A5	Glyptophysa cf. gibbosa
17	QC209999	Scirtidae sp.
17	QCAN9999	Curculionidae
17	JP090110	Lecane bulla
17	QDAF0699	Corynoneura sp. (V49)
17	OH080301	Bennelongia australis
17	OG031201	Dunhevedia crassa
17	OG040505	Simocephalus elizabethae
17	TRILIN	Triglochin linearis
17	QDAH0405	Tanytarsus nr bispinosus
17	OJ310101	Microcyclops varicans
17	QH560101	Microvelia oceanica
17	QC111401	Limnoxenus zelandicus
17	QD439999	Syrphidae
17	KG060101	Ferrissia petterdi
17	QT030410	Hellyethira litua
17	pusw	Purple Swamphen
17	MM020101	Limnochares australica
17	QDAF28A0	Limnophyes sp. A
17	BAUART_B	Baumea articulata
17	BAUJUN	Baumea juncea
17	LOBALA	Lobelia alata
17	EUCRUD	Eucalyptus rudis
17	MELRHA	Melaleuca rhaphiophylla
17	CASRAC	Cassytha racemosa
17	SOLHET	Sollya heterophylla
17	QL9999A1	Lepidoptera sp. 3
17	OG030301	Alonella clathratula
17	OJ610101	Canthocamptus australicus
17	QC090701	Uvarus pictipes
17	BAUART_A	Baumea arthrophylla
17	OG030999	Chydorus sp.
17	OJ110203	Calamoecia attenuata
17	OH0805A1	Cypretta aff. globosa
17	OH0101A0	Gomphodella aff. maia
17	OH110101	Newnhamia fenestra



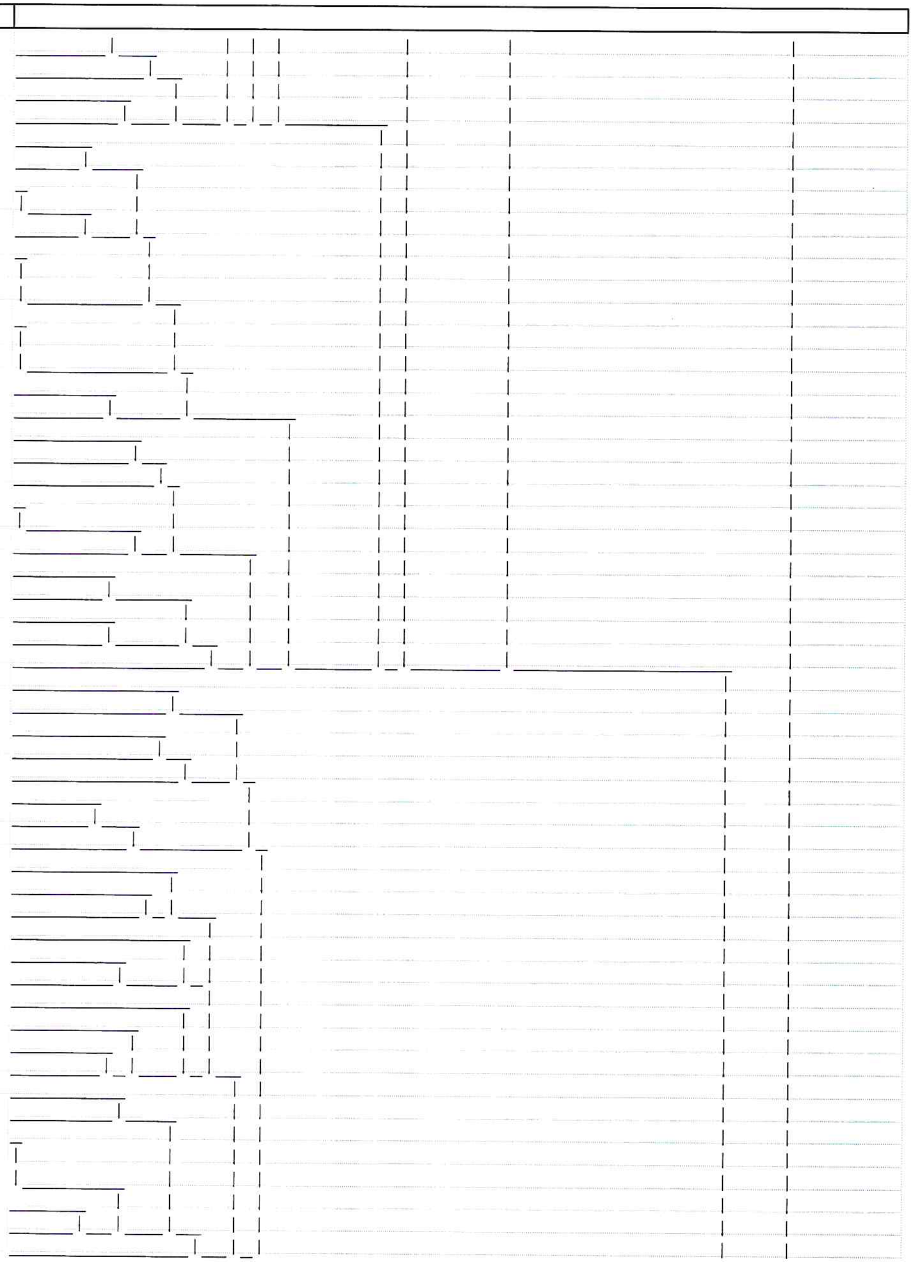
Grp	Spcode	Name
17	QO120201	Aeshna brevistyla
17	BAURUB	Baumea rubiginosa
17	JP090174	Lecane latissima
17	JP130202	Cephalodella forficula
17	LO050501	Pristina longiseta
17	CYPTEN	Cyperus tenellus
17	GOOMIC	Goodenia micrantha
17	OG031501	Graptoleberis testudinaria
17	OH082501	Lacrimicypris kumpar (ms name)
17	GRAPUB	Gratiola pubescens
17	QC060105	Haliplus gibbus
17	DAUGLO	Daucus glochidiatus
17	WAHPRE	Wahlenbergia preissii
17	JP050204	Epiphanes senta
17	QC092713	Copelatus ater
17	QC359999	Limnichidae
17	QC091206	Liodessus dispar
17	QCA00106	Hydrochus australis
17	QC111601	Paracymus pygmaeus
17	OG060211	Macrothrix indistincta
17	GOOPUL	Goodenia pulchella
17	LOTSUA	Lotus suaveolens
17	OJ110118	Boeckella robusta
17	QD0705A0	Aedes (Och.) ENM's sp nr stricklandi
17	MEEROY	Meeboldina roycei
17	MELDEN	Melaleuca densa
17	JP090154	Lecane quadridentata
17	QD050201	Promochlonyx australiensis
17	OG050101	Ilyocryptus smirnovi
17	MICMED	Microtis media
17	DEYQUA	Deyeuxia quadriseta
17	VIMJUN	Viminaria juncea
17	OH110201	Kennethia cristata
17	QC092107	Megaporus solidus
17	PATSP.	Patersonia sp.Swamp form(N.Gibson & M.Lyons 544)
17	PELLIT	Pelargonium littorale
17	LO030503	Insulodrilus bifidus
17	MM2301A2	Arrenurus (Truncaturus) sp.
17	QDAE1001	Alotanypus dalyupensis
17	BANLIT	Banksia littoralis
17	MELPRE	Melaleuca preissiana
17	OG040401	Scapholeberis kingi
17	OV010116	Cherax quinquecarinatus
17	QDAI06A0	Dicrotendipes sp. A (V47)
17	LEPLON	Lepidosperma longitudinale
17	MELLAT_B	Melaleuca lateritia
17	CALFLA	Caladenia flava
17	PHYCAL	Phyllanthus calycinus
17	EUCCAL	Eucalyptus calophylla
17	ISOCYP	Isolepis cyperoides
17	XANPRE	Xanthorrhoea preissii
17	MICSTI	Microlaena stipoides
18	JP020306	Keratella javana
18	QT250605	Notoperata tenax



Grp	Spcode	Name
18	OJ310601	Macrocyclops albidus
18	MM090301	Oxus australicus
18	QDAE99A3	Pentaneurini sp. C
18	MM0903A0	Oxus sp. 1
18	BAUVAG	Baumea vaginalis
18	OG050107	Ilyocryptus hayli
18	JP0204A1	Notholca cf. squamula
18	LEUPAR	Leucopogon parviflorus
18	MM050699	Pseudohydryphantes sp.
18	QH540199	Hydrometra sp.
18	CAEMIC	Caesia micrantha
18	THE_HO	Thelymitra aff holmsii sthcst
18	MM249999	Halacaridae
18	QL9999A3	Lepidoptera nr. sp. 16 of JHH
18	BORSPA	Boronia spathulata
18	BRAMEL	Brachysema melanopetalum
18	LEUAUS	Leucopogon australis
18	QD0906A1	Clinohelea sp. 2
18	SCHLAE	Schoenus laevigatus
18	ASTFAS	Astartea fascicularis
18	QDAF99A7	Orthocladiinae sp. I
18	DAMLEP	Dampiera leptoclada
18	JP130405	Monommata dentata
18	UTRVOL	Utricularia volubilis
18	JP150306	Synchaeta pectinata
18	QD7899A9	Ephydridae sp. 5 (SAP)
18	LH030199	Bassianobdella sp. (incl. fusca)
18	PODCAN	Podolepis canescens
18	LEUPRO	Leucopogon propinquus
18	OH0803A2	Bennelongia sp. 277
18	THEPAU	Thelymitra pauciflora
18	MICORB	Microtis orbicularis
18	RHOPYR	Rhodanthe pyrethrum
18	SCHTEN	Schoenus tenellus
18	KG090199	Glacidorbis sp.
18	QC0918A0	Sternopriscus sp. nov. (Nalyerin)
18	QC130116	Hydraena cygnus
18	OG0303C8	Alonella cf. exigua
18	OXYLIN	Oxylobium lineare
18	OJ3102A6	Metacyclops sp. 4
18	TETLAE	Tetrarrhena laevis
18	QT2502A1	Lectrides sp. AV1
18	MM259999	Pezidae
18	OJ110211	Calamoecia tasmanica subattenuata
18	OH070101	Candonopsis tenuis
18	LEPSTR	Lepidosperma striatum
18	SPHVIM	Sphaerolobium vimineum
18	QT0803A2	Ecnomina F group sp. AV18
18	QT0803A3	Ecnomina F group sp. AV16
18	LEPMUI	Lepyrodia muirii
18	OG0401A5	Ceriodaphnia n. sp. a (Berner sp.#3)
18	OH081903	Ilyodromus dikrus
18	QC093302	Spencerhydrus pulchellus
18	GOMMAR	Gompholobium marginatum

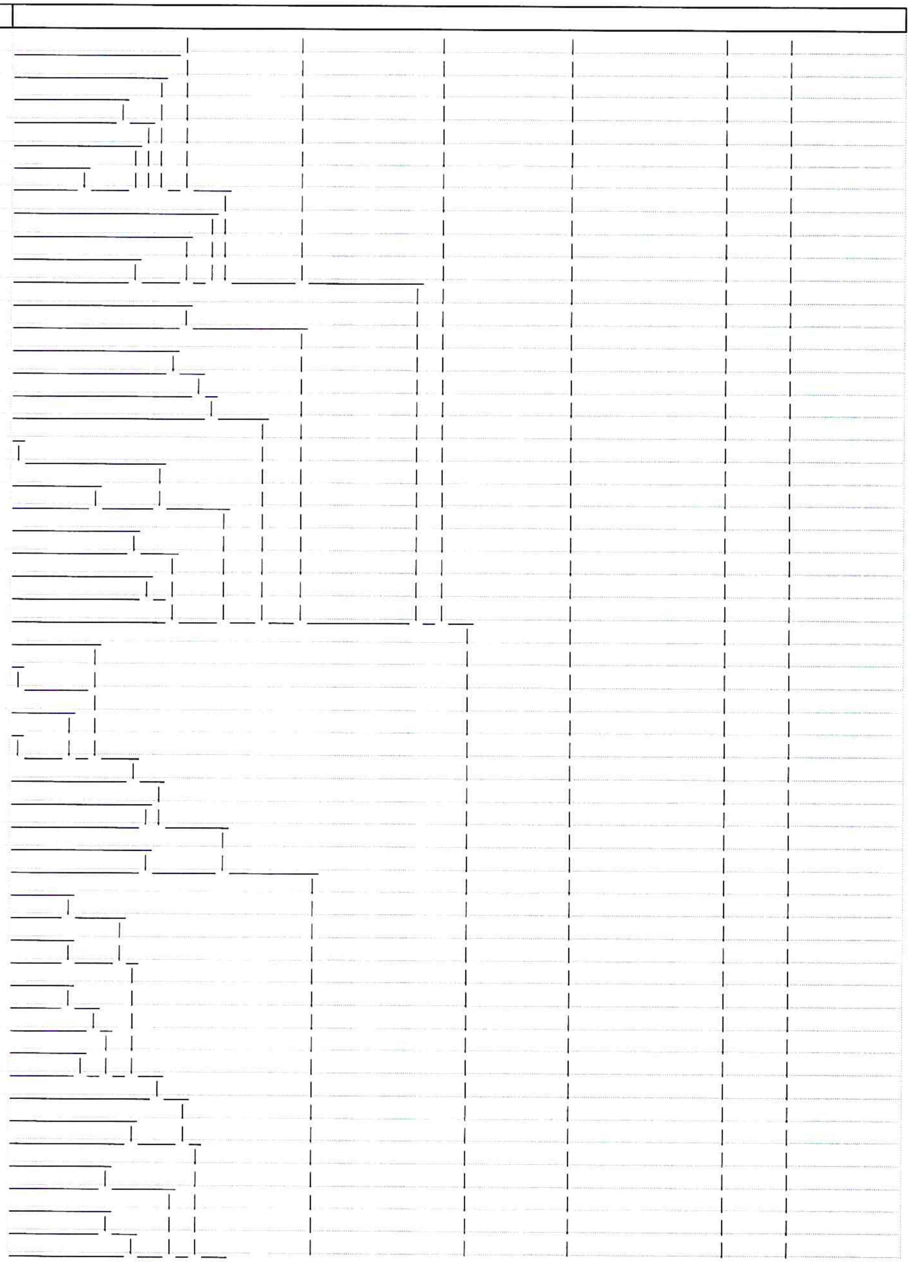


Grp	Spcode	Name
18	SCHDIS	Schoenus discifer
18	PATOCC	Patersonia occidentalis
18	LAGHUE	Lagenophora huegelii
18	VILALB	Villarsia albiflora
18	OP080199	Perthia sp.
18	TRIHUE	Triglochin huegelii
18	BOSLIN	Bossiaea linophylla
18	LEUREV	Leucopogon revolutus
18	OPEHIS	Opercularia hispidula
18	HIBCUN	Hibbertia cunninghamii
18	PYRNIG	Pyrorchis nigricans
18	STYSPA	Stylidium spathulatum
18	SOWLAX	Sowerbaea laxiflora
18	TETCAP	Tetraria capillaris
18	TRIELA	Tricoryne elatior
18	MACRIE	Macrozamia riedlei
18	XANHUE	Xanthosia huegelii
18	QC1304A1	Gymnocthebius sp. 2
18	CIRVUL	Cirsium vulgare
18	THYTHY	Thysanotus thyrsoideus
18	EUCDEC	Eucalyptus decipiens
18	HIBAMP	Hibbertia amplexicaulis
18	THE_MA	Thelymitra aff macrophylla scott
18	AUSMOL	Austrostipa mollis
18	TRINAN	Triglochin nana
18	THYTEN	Thysanotus tenellus
18	VELTRI	Velleia trinervis
18	HOMHOM	Homalosciadium homalocarpum
19	JB040699	Macrotrachela sp. (incl. 'sp.' + 'sp. a')
19	OG032401	Plurispina chauliodis
19	QDAF21A1	Allotrissocladius? sp. M
19	TRIPRO	Triglochin protuberans
19	LEPAUS	Lepilaena australis
19	JF030603	Sinantherina semibullata
19	MYRAPP	Myriocephalus appendiculatus
19	OG031601	Kurzia latissima
19	JP010201	Asplanchnopus multiceps
19	QH650204	Sigara truncatipala
19	MARMUT	Marsilea mutica
19	OG030201	Alona cambouei
19	BROMAD	Bromus madritensis
19	RHOSTR	Rhodanthe stricta
19	OJ6199A7	Canthocamptidae sp. B
19	MYOMINAU	Myosurus minimus var. australis
19	MYROCC	Myriocephalus occidentalis
19	TRIGLO	Trifolium glomeratum
19	KG150199	Austrosuccinea sp.
19	HYDPIL	Hydrocotyle pilifera
19	OH080603	Cyprinotus kimberleyensis
19	ACATEL	Acacia telmica
19	ERELEH	Eremophila lehmanniana
19	ERYTEN	Erymophyllum tenellum
19	EUCLOXLO	Eucalyptus loxophleba subsp. loxophleba
19	COTAUS	Cotula australis



Grp	Spcode	Name
19	JP060107	Euchlanis dilatata lucksiana
19	RANPUM	Ranunculus pumilio
19	ISODRU	Isoetes drummondii
19	OH010201	Limnocythere dorsosicula
19	OJ310303	Australocyclops palustrium
19	CENDRU	Centrolepis drummondiana
20	JF010103	Conochilus natans
20	ALTNOD	Alternanthera nodiflora
20	ELEACU	Eleocharis acuta
20	JP090172	Lecane ungulata
20	QC090101	Laccophilus sharpi
20	QH670426	Anisops stali
20	ISOPRO	Isolepis producta
20	LH010799	Placobdelloides sp.
20	OH0821A8	Cypricercus sp. 415
20	JF030799	Lacinularia sp.
20	JP180103	Scaridium longicaudum
20	JP1603A0	Trichocerca sp. nov. (Wannara)
20	MARCOS	Marsilea costulifera
20	MYROLD	Myriocephalus oldfieldii
20	OH0819A4	Ilyodromus sp 573
20	QDAI0810	Polypedilum watsoni
20	JP090138	Lecane lunaris
20	ARTDYE	Arthropodium dyeri
20	JP020220	Brachionus quadridentatus
20	OH081901	Ilyodromus amplicolis (incl. aff. amplicolis)
20	OH0821A0	Cypricercus sp. 442
20	JP0302A0	Lepadella cf. patella
20	TRICALSS	Triglochin calcitrapa (slender sessile) sap
20	OF0201A0	Limnadia sp. a (nr badia)
20	GLODRU	Glossostigma drummondii
20	OG0327A1	Rak sp. nov. b (Venemores)
20	OG090301	Neothrix armata
20	JP090123	Lecane flexilis
20	JP160341	Trichocerca rattus carinata
20	OF040199	Lynceus sp.
20	JP030201	Lepadella ovalis
20	MM0101A0	Hydrachna nr. approximata
20	OG0602B0	Macrothrix cf. rosea
20	JP130201	Cephalodella gibba
20	JP150201	Polyarthra dolichoptera
20	QDAI1701	Paraborniella tonnoiri
20	OG030216	Alona macrocopa
20	OG031301	Ephemeroporus barroisi s.l.
20	OG010201	Latonopsis brehmi
20	OH082101	Cypricercus salinus
20	QO050103	Austrolestes aridus
20	AMPNER	Amphibromus nervosus
20	ELAGRA	Elatine gratioloides
20	KG070399	Isidrorella sp.
20	OH081003	Heterocypris tatei
20	APHBRI	Aphelia brizula
20	CENARI	Centrolepis aristata
20	CENGLA	Centrolepis glabra

Grp	Spcode	Name
20	SCHODO	Schoenus odontocarpus
20	APHNUT	Aphelia nutans
20	DROGLA	Drosera glanduligera
20	PARLAT	Parentucellia latifolia
20	PRAGRA	Prasophyllum gracile
20	QUIURV	Quinetia urvillei
20	SILMUL	Siloxerus multiflorus
20	DROMAC_B	Drosera macrophylla
20	DRORAM	Drosera ramellosa
20	GONNOD	Gonocarpus nodulosus
20	THEANT	Thelymitra antennifera
20	JP020312	Keratella shieli
20	ACAMYR	Acacia myrtifolia
20	JP120203	Lophocharis salpina
20	JP160332	Trichocerca similis
20	QD0928A2	Forcypomyia sp. 2
20	LEMDIS	Lemna disperma
20	OH060103	Ilyocypris 'spiculata' (ms name)
20	snib	Straw-necked Ibis
20	ERAAUS	Eragrostis australasica
20	STYAUS	Stylobasium australe
20	OJ6199A8	Canthocamptidae near sp. 5
20	SELGRA	Selaginella gracillima
20	VERDEN	Verticordia densiflora
20	WURDIOAL	Wurmbea dioica subsp. alba
20	MELIND	Melilotus indicus
21	OG0302A6	Alona sp. nov. b (Venemores)
21	DROSTORU	Drosera stolonifera subsp. rupicola
21	WURGRA	Wurmbea graniticola
21	OH0803A3	Bennelongia sp. 563
21	QDAF99A4	Orthocladiinae sp. F
21	DROBUL	Drosera bulbosa
21	BORCON	Borya constricta
21	OG032301	Planicirclus alticarinatus
21	OG040206	Daphnia jollyi
21	OG0401A2	Ceriodaphnia laticaudata s.l.
21	QO170702	Diplacodes haematodes
21	OG060204	Macrothrix hardingi
21	QDAI10A0	Paratendipes sp. A
21	OH0102A1	Limnocythere ?porphretica
21	OH0821A5	Cypricercus sp. 634
21	OH081902	Ilyodromus candonites
21	OJ110113	Boeckella opaqua
21	ISOAUS_B	Isoetes australis
21	OH0819A7	Ilyodromus sp. 630
21	QDAF21A0	Allotrissocladius? sp. L
21	OG0701A1	Moina cf. micrura
21	ISOCAR	Isoetes caroli
21	MYRPYG	Myriocephalus pygmaeus
21	QC091408	Paroster couragei
21	QDAH04A1	Tanytarsus sp. B (nr. K5)
21	LEVDUB	Levenhookia dubia
21	THRAUS	Thryptomene australis
21	OPHGRA	Ophioglossum gramineum



Grp	Spcode	Name
21	OH0805A3	Cypretta sp. 647
21	ERIOVA	Eriachne ovata
21	RHOSPI	Rhodanthe spicata
21	SCHVAR	Schoenus variicellae
21	CALMUL_B	Calotis multicaulis
21	QC091405	Paroster michaelseni
21	BORSPH	Borya sphaerocephala
21	CALPOR	Calandrinia porifera
21	OJ1101A1	Boeckella sp. nov. 2 (nr triarticulata)
21	MYRGAS	Myriocephalus gascoynensis
21	WURMUR	Wurmbea murchisoniana
21	CALPUM	Calandrinia pumila
21	OH0821A3	Cypricercus sp. 637
21	QD070504	Aedes (finlaya) occidentalis
21	OH0901A1	Sarscypridopsis ?proxila
21	PTIHUM	Ptilotus humilis
21	PETDUB	Petrorhagia dubia
21	CERGLO	Cerastium glomeratum
21	QDAF3508	Botriocladius petrophilus
21	MILMYO	Millotia myosotidifolia
21	CHESIE	Cheilanthes sieberi
21	DODVIS	Dodonaea viscosa
21	AIRPRA	Aira praecox
21	OJ6999A5	Harpacticoida sp. 674
21	QC091407	Paroster niger
22	LH010599	Alboglossiphonia sp. (incl. intermedia)
22	OF0202A0	Eulimnadia sp. 1
22	OH082301	Cabonocypris nunkeri
22	CALPHO	Callistemon phoeniceus
22	BRAIBE	Brachyscome iberidifolia
22	OG0302A2	Alona cf. costata
22	VILSUB	Villarsia submersa
22	HAKVAR	Hakea varia
22	TRIVIO	Tribonanthes violacea
22	MEECOA	Meeboldina coangustata
22	SCHNAT	Schoenus natans
22	THEFLE	Thelymitra flexuosa
22	BLEDRU	Blennospora drummondii
22	GNEDRU	Gnephosis drummondii
22	CONPRO	Conostylis prolifera
22	STYOBT	Stylidium obtusatum
22	PHIPYG	Philydrella pygmaea
22	HYDCAL	Hydrocotyle callicarpa
22	STYCAL	Stylidium calcaratum
22	TRILON_A	Tribonanthes longipetala
22	OG0308A0	Celsinotum cf. hypsilophum
22	OH0819A2	Ilyodromus sp. 566 (aff. amplicolis)
22	OG0327A0	Rak sp. nov. a (Goonaping)
22	OJ310701	Mesocyclops australiensis
22	QD0999A0	Ceratopogonidae sp. A
22	DROMEN	Drosera menziesii