Riparian Vegetation Monitoring at Lake Disappointment For Reward Minerals Limited

September 2015

FINAL

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Executive summary

Reward Minerals Limited Lake Disappointment Potash Project is located within the Little Sandy Desert, approximately 138km south of Telfer and 285km east of Newman, in the Pilbara of Western Australia. The Lake Disappointment Potash Project initially comprised of two stages of activities:

- Stage 1-access track development, exploration camp construction and infill drilling;
- Stage 2-development of pilot ponds/trenches on Lake Disappointment;

Development of the access track and exploration camp was completed in 2014. Infill drilling on the lake commenced in 2015 and is ongoing. Approvals for development of the pilot ponds/trenches (Stage 2 activities) are currently being processed and are expected to commence end of 2015/start of 2016 (prior to the 2016 monitoring period). Detailed plans and environmental procedures for the current and proposed activities within the Lake Disappointment Potash Project have been provided in the current version of the conservation management plan, "*Reward Minerals - Lake Disappointment Potash Project, Conservation Management Plan, July 2015, Version 2, Revision 1"*.

In order to assess any potential impacts of the lake based operational activities of the Lake Disappointment Potash Project Botanica Consulting were commissioned by Reward Minerals Limited to develop an annual riparian vegetation monitoring programme. The objective of the monitoring programme was to annually assess the biodiversity and health of native riparian vegetation immediately surrounding the LDP Project to determine whether lake based operational activities and potential future mining developments are having an impact on the surrounding riparian vegetation. In April 2013 Botanica Consulting established fifteen monitoring sites (transects) and three control sites within vegetation fringing the shoreline of Lake Disappointment. This report details results from the third year of monitoring.

One vegetation association was recorded within the riparian zone: Heath of mixed *Tecticornia* spp. on salt lake edge. Threatened and Priority Flora species were not specifically targeted during the monitoring, however one Priority Flora species; *Tecticornia* sp. Sunshine Lake (K.A. Shepherd *et. al* KS867) (P3), was identified within the monitoring program. Two unrecognised taxa of *Tecticornia* (as identified by K.A Shepherd 867) (*Tecticornia* sp. nov. A and *Tecticornia* sp. nov. B) were identified in the Heath of mixed *Tecticornia* spp. on salt lake edge vegetation community, which are considered to be of Conservation Significance; however *Tecticornia* sp. nov. B did not occur within the monitoring program. A third *Tecticornia* specimen identified within the monitoring program, *Tecticornia* aff. *calyptrata* is also considered to be of Conservation Significance as it is presently undergoing further taxonomical work by the Western Australian Herbarium.

The impact sites have maintained a constant level of mean species diversity, and health rating since 2013. Mean species density (per 10m²) and average vegetation cover (%) have decreased slightly whilst mean plant abundance (number plants along 100m parallel transect) has shown a slight increase since 2013. The control sites have also maintained a constant level health rating since 2013. Mean species density (per 10m²), mean plant abundance (number plants along 100m parallel transect) and average vegetation cover (%) however have all decreased. Mean species diversity (per 10m²) for the control sites increased in the 2014 monitoring period and have maintained this level in the 2015 monitoring period.

Four flora of conservation significance were identified within the riparian vegetation of Lake Disappointment (not all were recorded within the monitoring sites):

1. *Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3);
2. *Tecticornia* sp. nov. A (unknown taxon as identified by K.A Shepherd 867);
3. *Tecticornia* sp. nov. B (unknown taxon as identified by K.A Shepherd 867); and
4. *Tecticornia* aff. *calyptrata*.

Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3) was the most abundant of all the species recorded in the monitoring program, occurring within seventeen of the eighteen sites. A total of 1106 plants of this species were identified during the monitoring; 645 identified within the 10m² quadrats and an additional 461 plants identified along the transects.

The 2015 monitoring period is the first year after the infill drilling program has been conducted. There has been no detrimental reduction in species diversity, species density, plant abundance, average vegetation cover or heath rating recorded in the impact sites. Minor reductions in species density and average vegetation cover have been recorded since monitoring began, however this result has been shown for both the impact and the control sites which suggests the reduction is a result of climatic factors rather than potential impacts from the lake based exploration activities.

1 Introduction

Reward Minerals Limited (Reward) Lake Disappointment Potash Project (LDP Project) (Tenements E45/2801, E45/2802, E45/2803, E69/2156, E69/2157, E69/2158, E69/2159 and L45/302) is located within the Little Sandy Desert, approximately 138km south of Telfer and 285km east of Newman, in the Pilbara of Western Australia (Figure 1).

The southern region of the LDP Project occurs within the proposed Lake Disappointment Nature Reserve (listed under the Environmental Protection Authority Red Book recommendations for Conservation Reserves 1975-1993) (Appendix 1), which covers an area of 366,700ha and is proposed to be managed by the Department of Parks and Wildlife (DPaW). To date this proposed reserve has not been approved. Lake Disappointment is a Nationally Important Wetland of Western Australia as listed by the Australian Nature Conservation Agency (ANCA).

The LDP Project initially comprised of two stages of activities:

- Stage 1-track development, exploration camp construction and infill drilling;
- Stage 2-development of pilot ponds/trenches on Lake Disappointment;

Development of the access track and exploration camp was completed in 2014. Infill drilling on the lake commenced in 2015 and is ongoing. Approvals for development of the pilot ponds/trenches (Stage 2 activities) are currently being processed and are expected to commence end of 2015/start of 2016 (prior to the 2016 monitoring period). Detailed plans and environmental procedures for the current and proposed activities within the Lake Disappointment Potash Project have been provided in the current version of the conservation management plan, "*Reward Minerals - Lake Disappointment Potash Project, Conservation Management Plan, July 2015, Version 2, Revision 1"*.

At the request of the DPaW and Environmental Protection Authority (EPA), Reward commissioned Botanica Consulting (BC) to establish a riparian vegetation monitoring programme at Lake Disappointment in order to assess any potential impacts of the lake based operational activities of the LDP Project. In April 2013 fifteen monitoring sites (transects) and three control sites were established within vegetation fringing the shoreline of Lake Disappointment. Each site is monitored annually in Autumn with a report submitted to the DPaW. Findings of this monitoring will be used to enhance the DPaW's knowledge of the area, and more effectively assess the potential environmental impacts the project may have on the various conservation values of Lake Disappointment. This is the third year of monitoring.

1.1 Survey Objectives

In order to assess any potential impacts of the lake based operational activities of the LDP Project on the riparian vegetation of Lake Disappointment a riparian vegetation monitoring programme was developed. The objective of the monitoring programme is to assess the biodiversity and health of native riparian vegetation immediately surrounding the LDP Project and compare against control sites located >3km from the LDP Project to determine whether lake based operational activities and potential future mining developments are having an impact on the surrounding riparian vegetation.

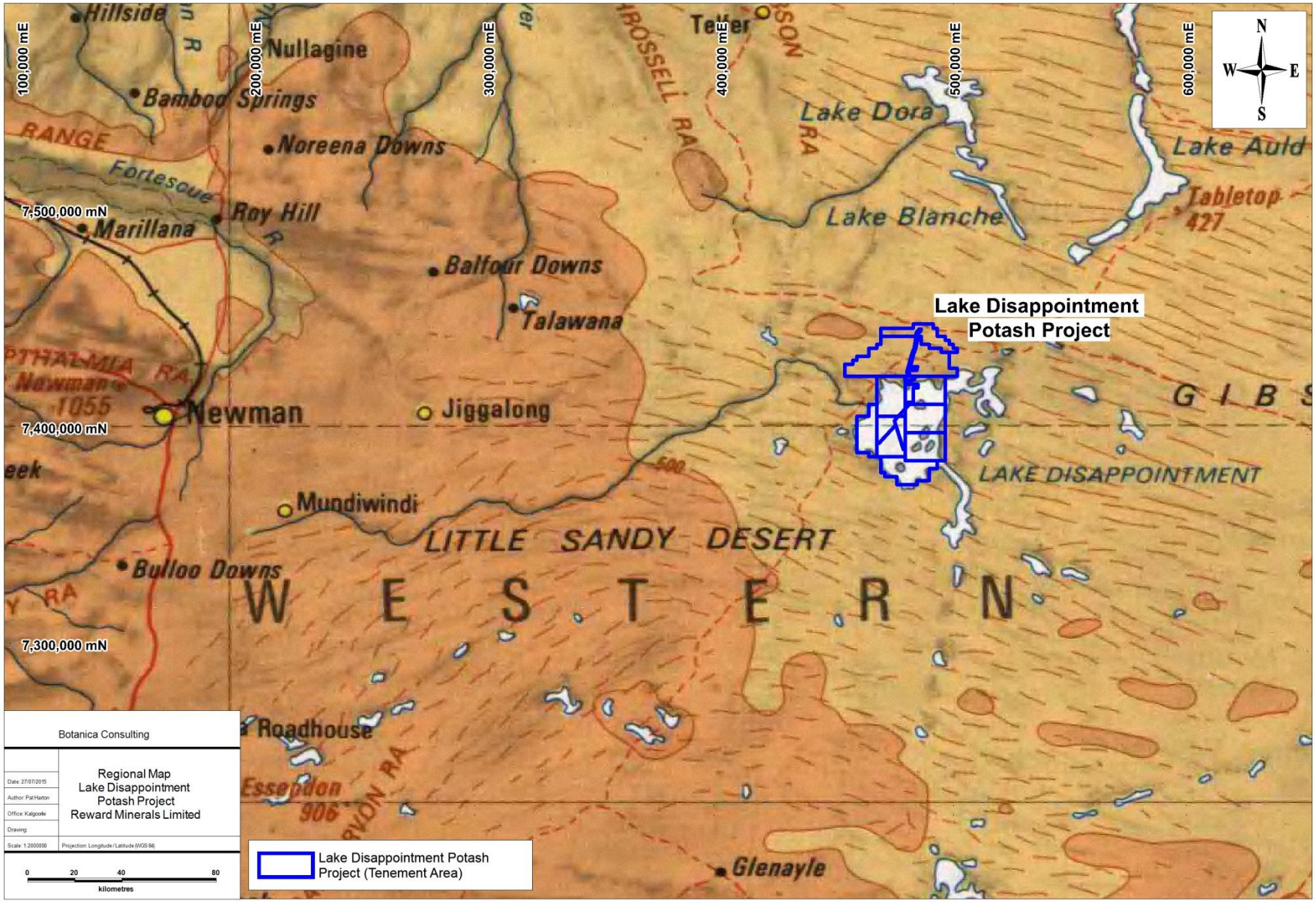

Figure 1: Regional Map of the Lake Disappointment Potash Project

2 Regional Biophysical Environment

2.1 Regional Environment

The LDP Project lies within the Keartland Botanical District of the Little Sandy Desert Region in the Eremaean Province of WA (Figure 2). The Keartland Botanical District consists predominantly of shrub steppes of *Acacia* and *Grevillea*, and *Triodia* spp. on dunes and swales. Patches of desert oak and mulga also occur within the area (Beard, 1990). Based on the Interim Biogeographic Regionalisation of Australia (IBRA) the Little Sandy Desert Region is further divided into subregions, with the LDP Project located within both the Rudall (LSD1) and Trainor (LSD2) subregions as shown in Figure 3. Lake based activities are located only within the Trainor subregion.

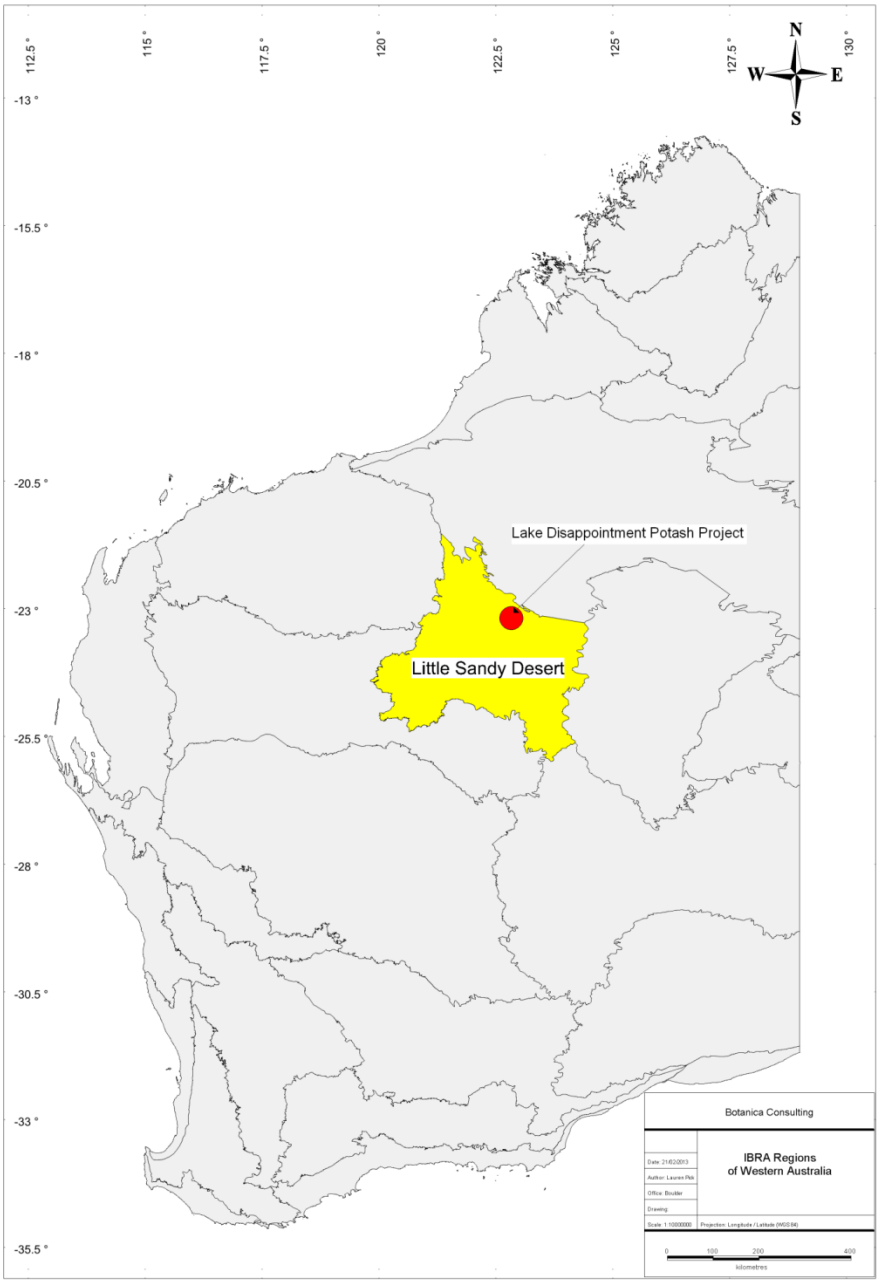

Figure 2: Map of Interim Biogeographic Regionalisation of Australia (IBRA)-Little Sandy Desert Region of Western Australia

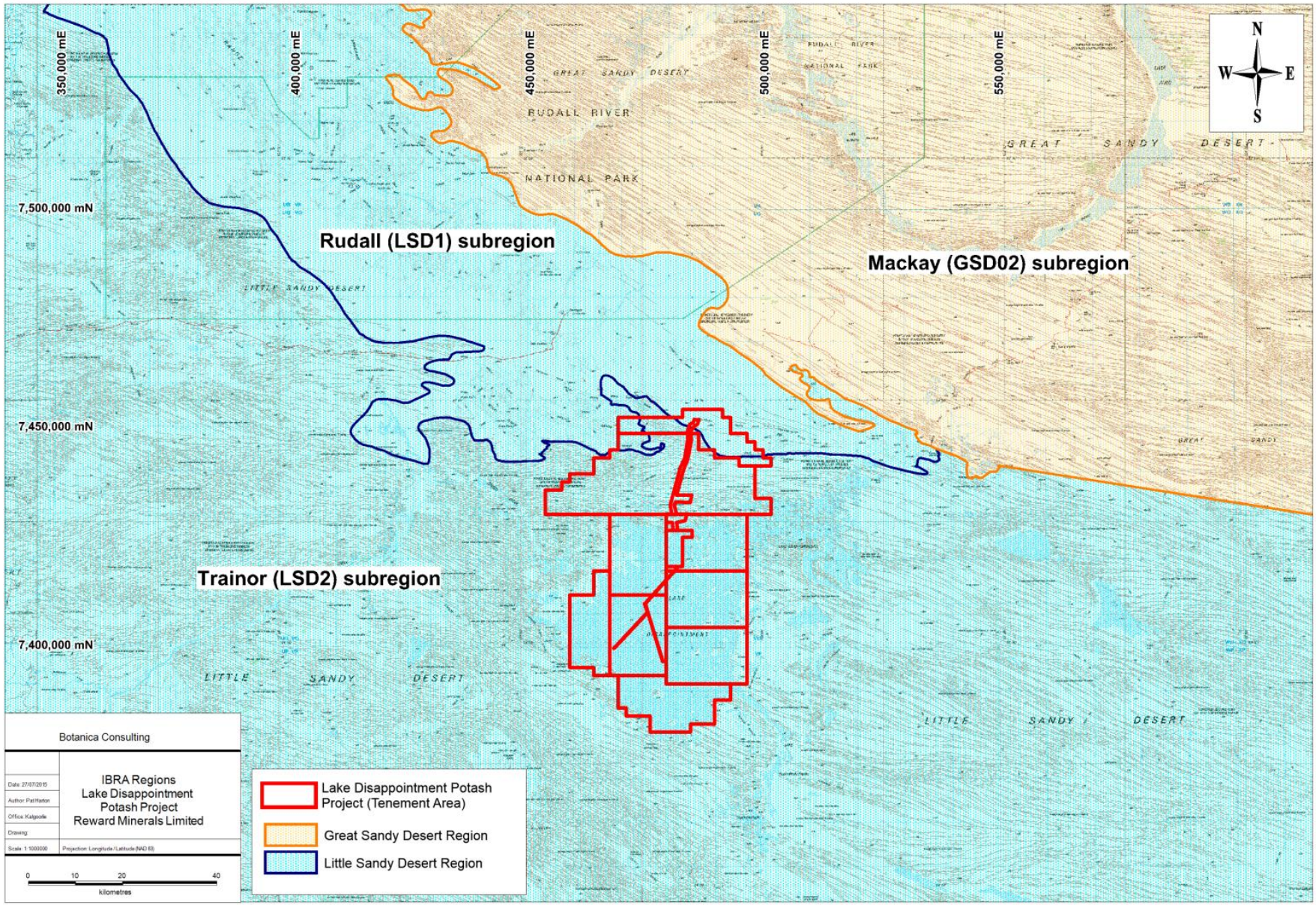

Figure 3: Map of IBRA subregions in the vicinity of the Lake Disappointment Potash Project

2.2 Topography & Soils

The Rudall subregion (LSD1) of the Little Sandy Desert region lies on the Rudall Complex, Throssell Group and Lamil Group of the Patterson Orogen. It consists of the Proterozoic hill country of Throssell Mount Sears, Broadhurst and Harbutt Ranges. It includes the headwaters and course of Rudall River. The Trainor subregion (LSD2) of the Little Sandy Desert lies in the red centre desert on the Neoproterozoic sedimentary basement (Officer Basin). It consists of red quaternary dunes fields with abrupt Proterozoic sandstones ranges of the Bangemall Basin (Cowan & Kendrick, 2001). Beard (1990) describes the topography of the Little Sandy Desert region as a sandplain with numerous low hills and small ranges. The hills and ranges mainly consist of bare rock and shallow stony soils, while the plains consist of red earthy sands. Beard (1990) also describes the underlying geology as a quaternary sandplain with longitudinal dunes that have developed over locally exposed Proterzoic siliceous rocks.

2.3 Remnant Vegetation

The DAFWA GIS file (2011) indicates that the Riparian Vegetation monitoring program area of the LDP Project is located within Pre-European Beard vegetation associations Little Sandy Desert 99, 125 and 134 in the Trainor (LSD2) subregion. The extent of these vegetation associations as described by the DAFWA are provided in Table 1.

Table 1: Remaining Beard Vegetation Associations within the Riparian vegetation monitoring program of the Lake Disappointment Potash Project (DAFWA, 2011)

IBRA subregion	Vegetation association	Pre-European Extent (ha)	Current Extent (ha)	Pre-European extent remaining (%)	% of Current extent within DPaW managed lands	Vegetation Description (Beard, 1990)
LSD2	Little Sandy Desert 99*	65,175.27	65,175.27	100	0.00	Hummock grasslands, shrub steppe; *Acacia coriacea* & *hakea* over hard spinifex *Triodia basedowii*
LSD2	Little Sandy Desert 125**	225,060.80	225,060.80	100	0.00	Bare areas; salt lakes
LSD2	Little Sandy Desert 134**	7,363,935.09	7,363,935.09	100	1.64	Mosaic: Hummock grasslands, open low tree steppe; desert bloodwood and feathertop spinifex (on) sandhills / Hummock grasslands, shrub steppe; mixed shrubs over spinifex between sandhills

*Low Reservation Priority according to the International Union for Conservation of Nature (IUCN)
**Medium Reservation Priority according the IUCN

Areas retaining less than 30% of their pre-European vegetation extent generally experience exponentially accelerated species loss, while areas with less than 10% are considered “endangered”. Lake based operational activities of the LDP Project will not significantly reduce the extent of pre-European vegetation associations.

2.4 Lake Disappointment (Savory Creek system)

The southern extremity of the LDP Project occurs within Lake Disappointment (often referred to as the Savory Creek system) which is described as a megascale irregular sumpland with numerous microscale to macroscale islands and is a major feature of the Little Sandy Desert bioregion. Savory Creek is an extensive creek over 280 km long and approximately 150m wide at its maximum, occasionally flooding to 2 km width. It is one of only two significant river systems that flow into the Little Sandy Desert. Savory Creek originates in the Bangemall Basin, flows across the Savory Basin and into Lake Disappointment in the Paterson Orogen (DotE, 2012a).

Lake Disappointment lies at the lowest point of the Little Sandy Desert. The lake bed consists of poorly consolidated saline lacustrine sediments (clay, silt, sand and gypsum). The surrounding area is composed of mixed aeolian-lacustrine silt, sand and kopi forming longitudinal dunes trending east-west, interspersed with minor salt lakes and claypans. Dunes on the lake form islands rising 5 to 18 m above the bed (DotE, 2012a).

Savory Creek enters Lake Disappointment from the north-west, but flow is impeded by a substantial sand bar to form a large permanent pool. The lake is also fed by smaller ephemeral creeks and direct precipitation. Lake Disappointment may be fresh immediately after substantial rain, but becomes more saline as it dries (DotE, 2012a).

The margins of Lake Disappointment and lower reaches of Savory Creek support samphire communities, but there is no vegetation on the salt-encrusted lake bed. Principle species on islands and dunes surrounding the lake are spinifex *Plectrachne schinzii* and *Triodia pungens* with scattered shrubs, mainly Acacia and Grevillea. The eastern side of the lake is characterised by scattered shrubs of *Acacia coriacea* and Hakea over an open-hummock grassland of another Spinifex *Triodia basedowii.* There are large areas of Desert Oak *Casuarina decaisneana* on the western side (DotE, 2012a).

2.5 Climate

The climate of both the Rudall and Trainor subregions is characterised arid with summer rainfall in the Rudall subregion and episodic summer rainfall in the Trainor subregion (Kendrick, 2001) Monthly rainfall data for the Telfer Aero weather station (#13030) located approximately 133km north-west of the LDP Project is provided in Figure 4 and annual rainfall information is provided in Figure 5 (Bureau of Meteorology, BOM, 2015). Annual rainfall in 2014 recorded above average results; 416mm compared to a mean annual rainfall of 369.8mm. Monthly rainfall data to date in 2015 has been above average in three months (January, April and May) and below average in the remaining months (February, March, June and July).

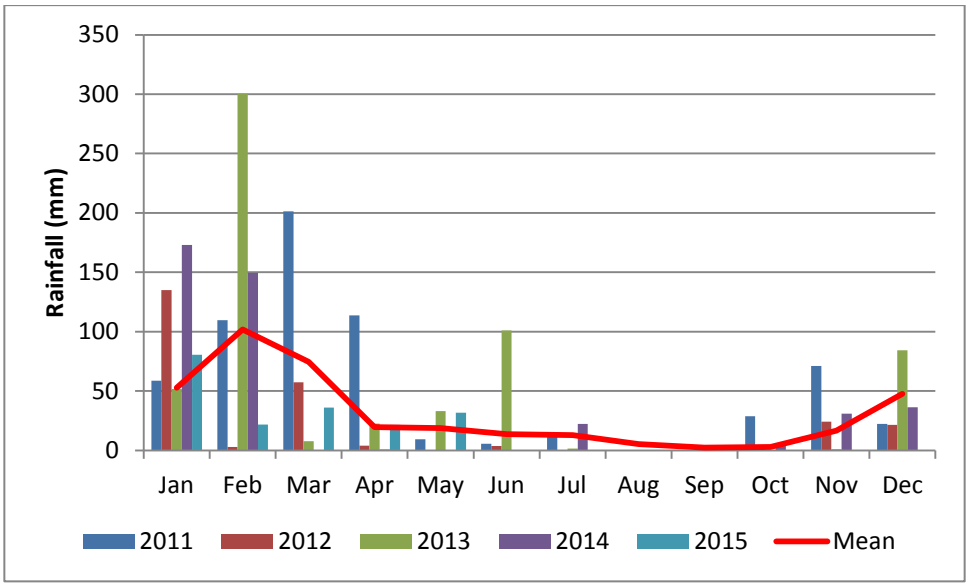

Figure 4: Monthly rainfall from January 2011 to April 2015 and mean monthly rainfall (January 1974 to April 2015) for the Telfer Aero weather station (#13030) (BOM, 2015)[1]

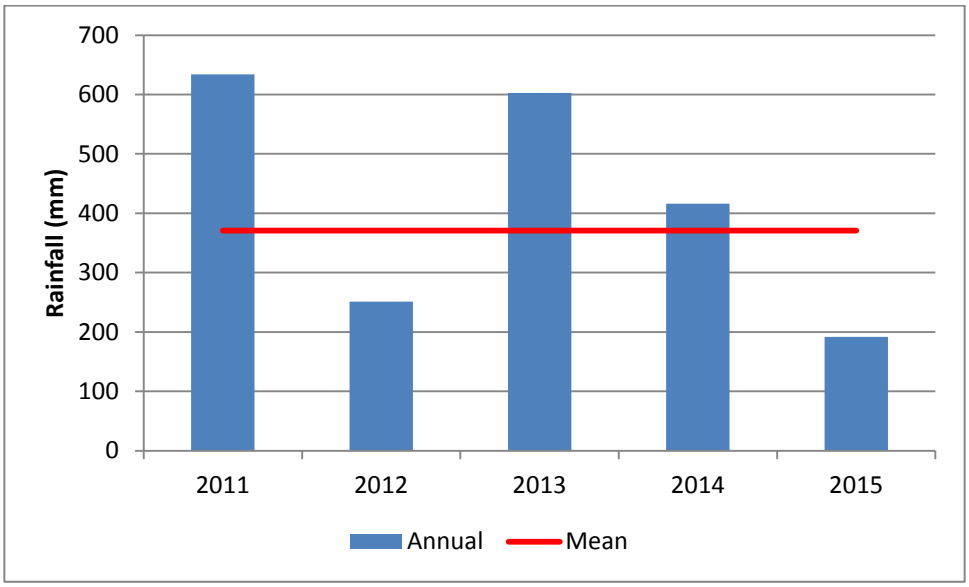

Figure 5: Annual rainfall from January 2011 to April 2015 and mean monthly rainfall (January 1974 to April 2015) for the Telfer Aero weather station (#13030) (BOM, 2015)

2.6 Land Use

The dominant land uses of the Trainor subregion are UCL and Crown reserves (95.87%), grazing-native pastures (1.93%), conservation reserves (1.41%), and Aboriginal Reserves (0.75%) (Kendrick, 2001). The dominant land uses of the Rudall subregion are conservation, UCL, mining leases and urban (Kendrick, 2001).

[1] Observations have not been fully quality controlled (BOM, 2015)

3 Survey Methodology

3.1 Sampling and Analysis Methods

A total of 18 monitoring sites were established from the 23rd to 25th April 2013: fourteen potential impact sites and four control sites (analogues) located ~10km apart along the lake perimeter (avoiding Aboriginal Heritage exclusion zones). In 2015, the infill drilling program was amended to include additional drill sites in the north-east region of the lake. As a result one of the control sites (T17) was no longer >3km from the proposed drilling and has been reclassified as an impact site (Table 2). The data analysis has been updated accordingly to include this transect in the impact sites.

Figure 7 provides a map of the monitoring site locations. The location of these sites was selected dependent on accessibility and vegetation present (i.e. Samphire). The impact and control sites were determined according to distance from the proposed infill drilling program. Impact sites ranged from approximately 0.5km to 3km from the boundary of the proposed infill drilling program, while control sites are located greater than 3km from the boundary of the proposed infill drilling program (Figure 8). The infill drilling program began in 2015 with a heliportable rig of approximately 166 drill holes spaced ~2km apart on the lake surface.

A R44 helicopter was used to access the monitoring sites as accessibility around the lake was poor due to the remoteness of the location and lack of access tracks. GPS coordinates for each transect are provided in Table 2.

At each site the following was monitored;

1. One 100m transect parallel to the shoreline;
2. One perpendicular transect of varied distance dependent on continuation of riparian vegetation perpendicular to the shoreline; and
3. One 10m² quadrat.

Each parallel and perpendicular transect was paired sharing a mutual starting point permanently marked with a fence dropper. The 10m² quadrat was bound by the pairs of parallel and perpendicular transects at their mutual starting point. An example of the monitoring site layout is provided in Figure 6.

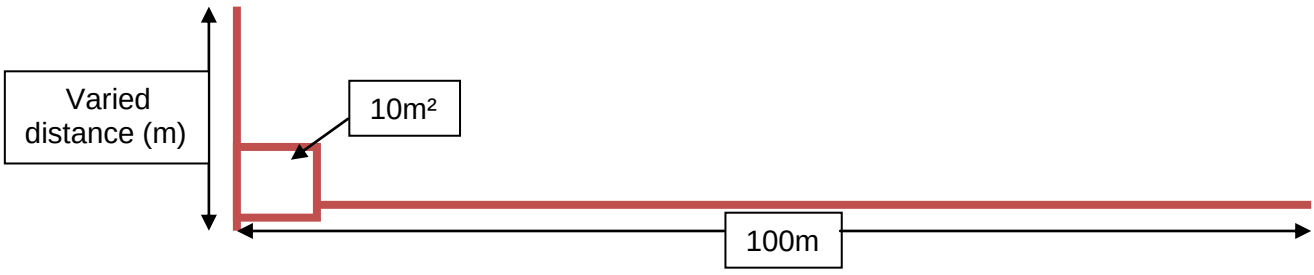

Figure 6: Diagram of proposed riparian monitoring site layout

At each site the following parameters were measured:

- Species diversity (10m²);
- Species density (10m²);
- Total plant abundance (along 100m transect);
- Percentage vegetation cover (along 100m transect);
- Health condition (1-5 rating).

The health condition was rated on a 1 to 5 scale, adapted from the Keighery (1994) health rating scale (Appendix 2):

1- Dead/no live vegetation
2- Poor/Declining vegetation health
3- Good/Improving vegetation health
4- Very Good vegetation health/no change from previous monitoring if relevant
5- Excellent health, new germinants

This was the third year of monitoring of the riparian vegetation programme. The lake based infill drilling began in the 2015 monitoring period; data from the 2013 and 2014 monitoring periods provide baseline information which will be used as a comparison in future years to determine whether riparian vegetation has been affected by activities within the LDP Project. Each site is monitored annually in Autumn with a report submitted annually to the DPaW.

Threatened and Priority Flora species were not specifically targeted during the monitoring, however flora of conservation significance were recorded during the monitoring (as detailed in the results).

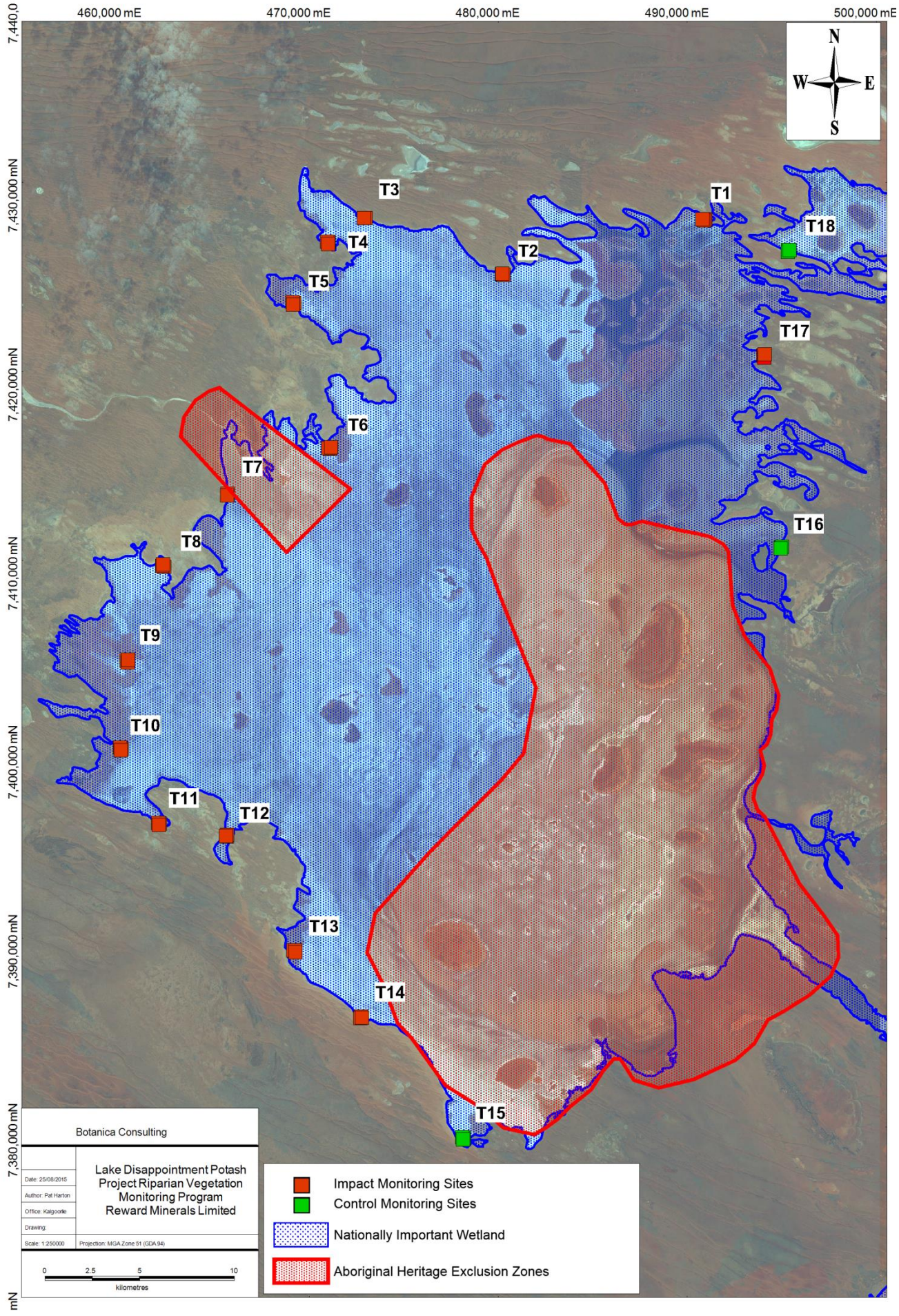

Figure 7: Map of riparian vegetation monitoring sites Lake Disappointment (including exclusion zones)

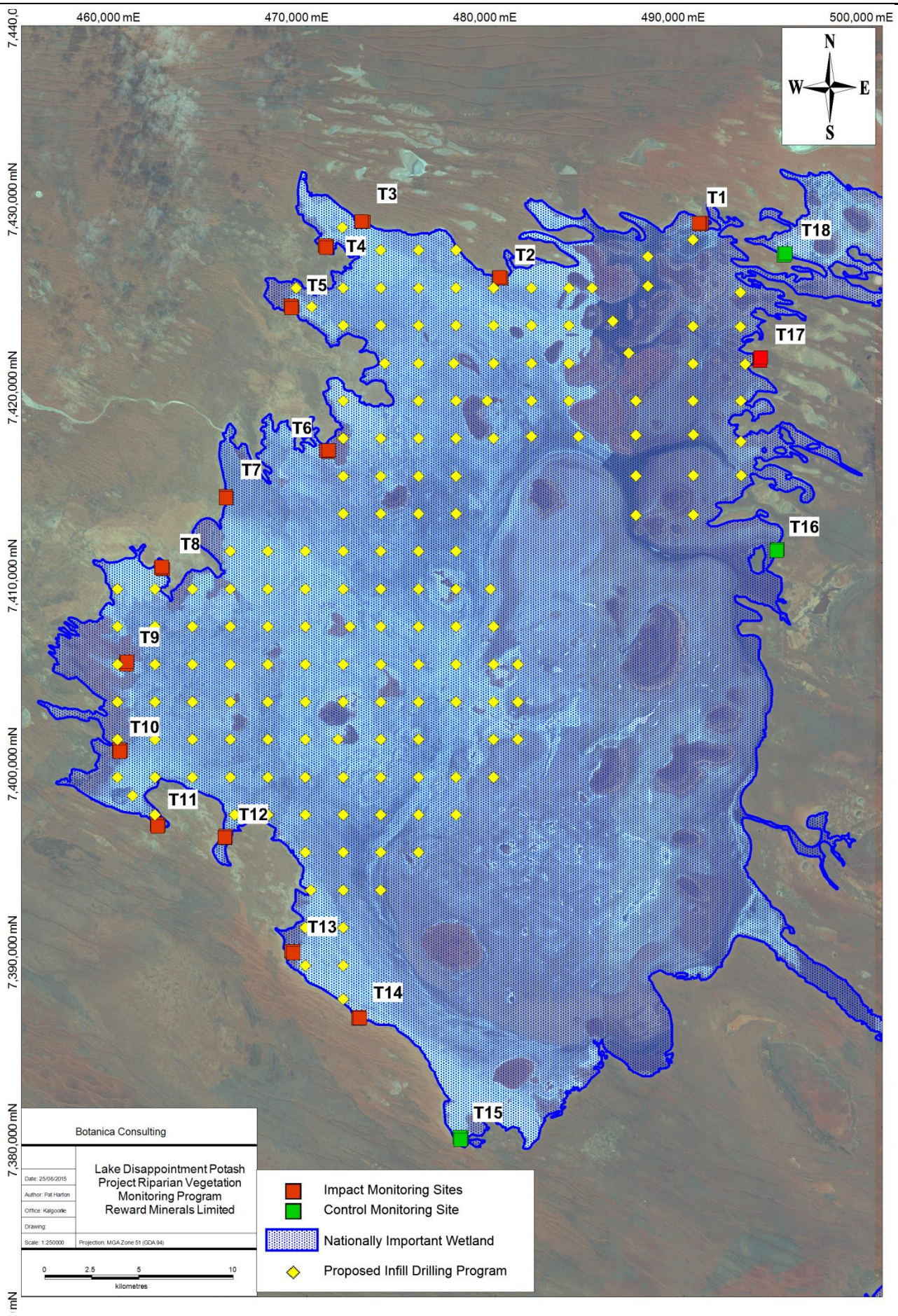

Figure 8: Map of riparian vegetation monitoring sites and proposed infill drilling program on Lake Disappointment

Table 2: Riparian Vegetation Monitoring Locations (GDA94, Zone 51K)

Vegetation Monitoring	Transect	Easting	Northing	Transect Point
Impact Sites	T1	490874	7427988	Mutual Starting point
		490797	7428049	Parallel end point
		490957	7428047	Perpendicular end point
	T2	480196	7425142	Mutual Starting point
		480286	7425100	Parallel end point
		480211	7425163	Perpendicular end point
	T3	472885	7428119	Mutual Starting point
		472985	7428113	Parallel end point
		472888	7428126	Perpendicular end point
	T4	471030	7426837	Mutual Starting point
		470933	7426867	Parallel end point
		470996	7426746	Perpendicular end point
	T5	469195	7423628	Mutual Starting point
		469111	7423666	Parallel end point
		469150	7423545	Perpendicular end point
	T6	471096	7415895	Mutual Starting point
		471014	7415940	Parallel end point
		471149	7415977	Perpendicular end point
	T7	465686	7413435	Mutual Starting point
		465681	7413532	Parallel end point
		465665	7413430	Perpendicular end point
	T8	462229	7409696	Mutual Starting point
		462256	7409791	Parallel end point
		462322	7409658	Perpendicular end point
	T9	460345	7404680	Mutual Starting point
		460406	7404601	Parallel end point
		460425	7404740	Perpendicular end point
	T10	460091	7400034	Mutual Starting point
		460004	7400086	Parallel end point
		460033	7399950	Perpendicular end point
	T11	462091	7396054	Mutual Starting point
		462007	7396107	Parallel end point
		462045	7395993	Perpendicular end point
	T12	465641	7395379	Mutual Starting point
		465653	7395477	Parallel end point
		465603	7395401	Perpendicular end point
	T13	469260	7389353	Mutual Starting point
		469258	7389253	Parallel end point
		469158	7389358	Perpendicular end point
	T14	472752	7385855	Mutual Starting point
		472702	7385766	Parallel end point

Vegetation Monitoring	Transect	Easting	Northing	Transect Point
		472789	7385795	Perpendicular end point
	T17	494020	7420833	Mutual Starting point
		494056	7420744	Parallel end point
		494091	7420904	Perpendicular end point
Control Sites	**T15**	478172	7379427	Mutual Starting point
		478083	7379476	Parallel end point
		478137	7379336	Perpendicular end point
	T16	494933	7410651	Mutual Starting point
		494992	7410726	Parallel end point
		494940	7410627	Perpendicular end point
	T18	495316	7426429	Mutual Starting point
		495319	7426327	Parallel end point
		495411	7426431	Perpendicular end point

3.2 Personnel Involved

- Jim Williams - Environmental Consultant (Diploma of Horticulture)

3.3 Scientific licences

Table 3: Scientific Licences of Botanica Staff coordinating the survey

Licensed staff	Permit Number	Valid Until
Jim Williams	SL011451	21-05-2016

4 Results

Table 4 below provides a summary of the monitoring results recorded from 2013 to 2015 from each site. Photographs taken at both the impact and control sites from 2013 to 2015 are provided in Appendix 4. The raw data for 2015 is provided in Appendix 5. One vegetation association was recorded along the monitored riparian zone: Heath of mixed *Tecticornia* spp. on salt lake edge.

Table 4: Summary of vegetation monitoring from 2013 to 2015

Vegetation Monitoring	Transect	Species Diversity (10m²)			Species Density (10m²)			Plant abundance (100m parallel)			Average vegetation cover (%)			Health Rating		
		2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015	2013	2014	2015
Impact Sites	T1	1	1	1	72	72	72	29	30	30	12.8	12.5	12.5	3	3	3
	T2	3	3	3	64	62	61	42	42	41	12.2	13.2	13.1	3	3	3
	T3	6	6	5	49	49	46	29	29	29	9.5	9.5	8.5	3	3	3
	T4	1	1	1	46	46	46	38	41	41	22.5	22.4	22.4	3	4	4
	T5	4	4	4	44	44	44	17	23	23	22.6	21.4	21.4	3	3	3
	T6	1	1	1	40	40	47	25	37	37	10.1	7.9	7.9	4	4	4
	T7	1	1	1	60	60	60	44	35	35	25.4	25.8	25.8	3	3	3
	T8	3	3	3	48	48	48	24	23	23	17.8	15.8	15.8	3	3	3
	T9	3	2	3	53	41	41	18	20	20	10.7	11.2	11.2	3	3	3
	T10	2	2	2	75	75	75	31	36	36	9.8	11.4	11.4	3	3	3
	T11	2	2	2	58	65	65	26	34	34	11.1	10.0	9.7	2	2	2
	T12	2	2	2	97	97	96	32	33	33	30.9	31.2	31.2	3	3	3
	T13	2	2	2	89	89	89	41	52	52	23.9	23.7	23.7	3	4	3
	T14	1	1	1	78	78	78	56	60	60	37.5	26.5	26.5	3	3	3
	T17	1	1	1	20	22	23	11	11	11	8.3	7.8	7.8	3	3	3
	Mean	**2**	**2**	**2**	**62**	**62**	**62**	**32**	**35**	**35**	**18**	**17**	**17**	**3**	**3**	**3**
Control Sites	T15	2	2	2	56	56	43	25	29	25	27.9	27.0	25.0	3	2	2
	T16	3	5	5	158	123	138	34	22	22	16.9	16.6	16.6	3	3	3
	T18	1	1	1	64	64	64	13	12	12	14.8	14.8	14.8	3	4	4
	Mean	**2**	**3**	**3**	**93**	**81**	**82**	**24**	**21**	**20**	**20**	**19**	**19**	**3**	**3**	**3**

4.1 Species Diversity

Mean species diversity for the impact sites remained at two species per 10m² for all three monitoring periods (2013 to 2015). Mean species diversity for the control sites increased from two to three species per $10m^2$ in 2014 and have remained constant at this level in 2015. One impact site (T3) recorded a decrease in species diversity since 2013, reducing from three to two species per 10m². One control site (T16) recorded an increase in species diversity since 2013, increasing from three to five species per 10m² and maintained this level of diversity in 2015. Species diversity from the remaining transects have remained constant from 2013 to 2015.

The highest species diversity recorded in 2015 for the impact sites was five species per 10m² recorded at Transect 3. Transects 1, 4, 6, 7, 14 and 17 all contained only one species per $10m^2$. Species diversity of the control sites ranged between one to five species per 10m². A list of all species recorded during monitoring is provided in Appendix 3.

4.2 Species Density

Mean species density for the impact sites decreased slightly from 60 plants to 59 plants per $10m^2$ in 2014 and have remained constant at this level in 2015. Mean species density recorded for control sites decreased from 93 plants to 81 plants per 10m² in 2014. In the 2015, mean species density for the control sites increased slightly to 82 species per $10m^2$; yet remains lower than the 2013 baseline survey.

Three impact sites (Transect 2, 3, and 12) and one control site (Transect 15) recorded decreases in species density between 2014 and 2015. One impact site (Transect 6) and one control site (Transect 16) recorded an increase in species density between 2014 and 2015. The remaining transects have maintained a constant level of species density from the 2014 to 2015 monitoring period.

The highest species density recorded in 2015 for the impact sites was 96 plants per 10m² recorded at Transect 12, while the lowest was 23 plants per 10m² recorded at Transect 17. In 2015 species density of the control sites ranged between 43 plants per 10m² recorded at Transect 15 and 138 plants per 10m² recorded at Transect 16.

4.3 Plant abundance (100m parallel)

Mean plant abundance of the 100m parallel transect to lake shoreline for the impact sites has increased from 31 plants to 34 plants in 2014 and has maintained this level of plant abundance in 2015. The mean abundance for control sites has shown a continual decreasing trend since 2013, reducing from 24 plants to 20 plants in 2015. One of the fifteen impact sites (Transect 2) recorded a slight decrease in plant abundance in the 2015 monitoring period from 42 to 41 plants. The remaining impact transects have maintained a constant plant abundance in 2015. One of the four control sites (Transect 15) also recorded a decrease in plant abundance in 2015, from 29 plants to 25 plants. The remaining control transects have maintained a constant plant abundance in 2015.

Ten of the impact transects (T1, T4, T5, T6, T9, T10, T11, T12, T13 & T14) have displayed an increase in plant abundance since monitoring began, a further three transects (T2, T7 & T8) have decreased and two transects (T3 & T17) has remained constant since monitoring began. The plant abundance (100m parallel) for the impact transects ranged from 20 plants to 60 plants. Two of the control transects (T16 and T18) has recorded an overall decrease in plant abundance since monitoring began. The remaining control transect (T15) has recorded a decrease since 2014; however plant abundance recorded in 2015

is equal to levels recorded in 2013. The plant abundance (100m parallel) for the control transects ranged from 12 plants to 25 plants.

4.4 Average Vegetation Cover

Mean average vegetation cover (average of parallel and perpendicular transect) for the impact sites decreased slightly from 17.7% in 2013 to 16.6% in 2015. The control sites have also recorded a decrease in mean average percentage vegetation cover, reducing from 19.9% in 2013 to 16.6% in 2015. Three of the fifteen impact sites (T2, T3 and T11) recorded a decrease in average percentage vegetation cover in 2015, with the remaining impact transects maintaining a constant level of average percentage vegetation cover in 2015. One control site (T15) recorded a decrease in 2015 with the remaining two transects maintaining a constant level of average percentage cover in 2015. In 2015 the average percentage vegetation cover for the impact sites ranged from 7.8% to 31.2%. Average percentage vegetation cover of the control sites ranged from 14.8% to 25%.

4.5 Health Condition

Mean health rating for the impact sites and control sites have remained constant since 2013, recording a 'Good' health rating across the monitoring period. One impact site (T13) recorded a decrease in health rating in 2015, from 'Very Good' to 'Good' health. The remaining fourteen impact sites have maintained a constant health rating in 2015. All three control sites have maintained a constant health rating in the 2015 monitoring period.

Three sites within the 2015 monitoring contained new germinants (T6, T11 and T13). Dead plants were present within six transects (T2, T3, T6, T11, T12 and T15). Grazing pressure (Camels) was recorded within one site (T3) (Table 5). Salt accumulation around individual plants has been noted (Plate 1) in five transects (T4, T5, T10, T11 and T12). Fire is a natural and common occurrence within the Little Sandy Desert and the greater LDP Project area; one control site (T16) has been affected by fire in since the 2014 monitoring.

Plate 1: Salt accumulation on plants

Table 5: General notes on health rating of each transect in 2015

Vegetation Monitoring	Transect	Health condition description (2015)
Impact Sites	T1	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. No disturbance or grazing present.
	T2	Good/Improving vegetation health. Vegetation is dry looking stressed with no plants in flower. No disturbance or grazing present, one plant has died in the parallel transect.
	T3	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. Evidence of camels grazing within the site. One plant has died within the perpendicular transect.
	T4	Very good vegetation health. Vegetation is dry, no plants were in flower. No disturbance or grazing present. A salt crust has built-up around the majority of plants within the site.
	T5	Good vegetation health. Vegetation is dry, no plants were in flower. No disturbance or grazing present. A salt crust has built-up around the majority of plants within the site.
	T6	Very good vegetation health. Area has been recently flooded and many new germinants are present, though no plants were in flower. No disturbance or grazing present.
	T7	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. No disturbance or grazing present.
	T8	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. No disturbance or grazing present.
	T9	Good/Improving vegetation health. The area has been recently flooded, and some plants were in flower. No disturbance or grazing present.
	T10	Good vegetation health. Vegetation is dry, no plants were in flower. No disturbance or grazing present. A salt crust has built-up around the majority of plants within the site.
	T11	Poor/Declining vegetation health. Vegetation is very dry and no plants were in flower. One plant has died in the perpendicular transect. No disturbance or grazing present. A salt crust has built-up around the majority of plants within the site.
	T12	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. No disturbance or grazing present. A salt crust has built-up around the majority of plants within the site.
	T13	Very good vegetation health with lots of small germinants present, however no plants were in flower. No disturbance or grazing present.
	T14	Good/Improving vegetation health. Vegetation is dry, in poor condition and no plants were in flower. No disturbance or grazing present.

Vegetation Monitoring	Transect	Health condition description (2015)
	T17	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. No disturbance or grazing present.
Control Sites	**T15**	Poor/Declining vegetation health. Vegetation is dry and no plants were in flower, the vegetation within the site is declining. Dead plants were present in parallel, perpendicular transects and the quadrat. No disturbance or grazing present.
	T16	Good/Improving vegetation health. Vegetation is dry and no plants were in flower. Dead plants present along the transect. Site has been burnt, no signs of grazing present.
	T18	Very good vegetation health. Vegetation is dry and no plants were in flower. No disturbance or grazing present.

4.6 Flora of Conservation Significance

No Threatened Flora taxa pursuant to subsection (2) of section 23F of the Wildlife Conservation Act 1950, the EPBC Act 1999 and as listed by the DPaW were identified within the Heath of mixed *Tecticornia* spp. on salt lake edge vegetation community. Threatened and Priority Flora species were not specifically targeted during the monitoring, however one Priority Flora species, *Tecticornia* sp. Sunshine Lake (K.A. Shepherd *et. al* KS867) (P3), was identified within the monitoring program. Two unrecognised taxa of *Tecticornia* (as identified by K.A Shepherd 867) (*Tecticornia* sp. nov. A and *Tecticornia* sp. nov. B) were identified in the Heath of mixed *Tecticornia* spp. on salt lake edge vegetation community, which are considered to be of Conservation Significance; however *Tecticornia* sp. nov. B did not occur within the monitoring program. A third *Tecticornia* specimen identified within the monitoring program, *Tecticornia* aff. *calyptrata* is also considered to be of Conservation Significance as it is presently undergoing further taxonomical work by the West Australian Herbarium.

4.6.1 *Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)

No description is available for this taxon (WAHERB, 2014). One DPaW known location of this taxon was confirmed within the Heath of mixed *Tecticornia* spp. on salt lake edge vegetation community (Plate 2). *Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3) was the most abundant species across the monitoring sites occurring within seventeen of the eighteen sites. A total of 1106 plants of this species were identified during the 2015 monitoring; 645 plants were identified within the 10m² quadrats and one impact site (T2) and one control site (T12) has decreased. However one impact site (T6) and one control site (T17) have increased. In addition 461 plants were identified along the transects with one control site (T15) having decreased in the 2015 monitoring period (Table 6). Specimens of this plant were identified by taxonomic specialist Mike Hislop of the WAHERB, and later confirmed by *Tecticornia* specialist Kelly Shepherd.

Plate 2: Image of *Tecticornia* sp. Sunshine Lake (K.A. Shepherd *et. al* KS 867) (P3)

Table 6: Species Density of *Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3) identified during riparian vegetation monitoring[2]

***Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)**						
Transect	**No. plants per 10m² quadrat**		**No plants along transect (excluding first 10m)**		**Total**	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**
T1	72	72	28	28	100	100
T2	35	34	2	2	37	36
T3	0	0	17	17	17	17
T4	46	46	63	63	109	109
T5	40	40	36	36	76	76
T6	40	47	48	48	88	95
T7	60	60	31	31	91	91
T8	36	36	22	22	58	58
T9	38	38	25	25	63	63
T10	56	56	44	44	100	100
T11	0	0	14	14	14	14
T12	44	43	23	23	67	66
T13	62	62	39	39	101	101
T14	0	0	0	0	0	0
T15	0	0	5	3	5	3

[2]2013 Priority Taxa information has been excluded as further taxonomical identifications were completed following the 2013 monitoring period.

***Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)**						
Transect	**No. plants per 10m² quadrat**		**No plants along transect (excluding first 10m)**		**Total**	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**
T16	24	24	4	4	28	28
T17	22	23	31	31	53	54
T18	64	64	31	31	95	95
Total	**639**	**645**	**463**	**461**	**1102**	**1106**

4.6.2 *Tecticornia* sp. nov. A and *Tecticornia* sp. nov. B (unrecognised taxon, K.A. Shepherd 867) (CS)

Two unrecognised *Tecticornia* were identified in the Heath of mixed *Tecticornia* spp. on salt lake edge vegetation community; *Tecticornia* sp. nov. A (Plate 3) and *Tecticornia* sp. nov. B (Plate 4) (unrecognised taxon, K.A. Shepherd 867), both of which are considered to be of Conservation Significance. These specimens were identified by *Tecticornia* specialist Kelly Shepherd with a specimen of each taxon to remain with WAHERB.

Tecticornia sp. nov. A (unrecognised taxon, K.A. Shepherd 867) (CS) was recorded in six of the eighteen monitoring sites. The total no of plants within the monitoring and control sites has decreased in the 2015 monitoring period from 112 plants in 2014 to 98 plants in 2015. Within the $10m^2$ quadrats 41 were identified, with one control site (T15) deceasing. An additional 57 plants were identified along the transect, with one control site (T15) decreasing (Table 7). *Tecticornia* sp. nov. B was not recorded in any of the monitoring sites.

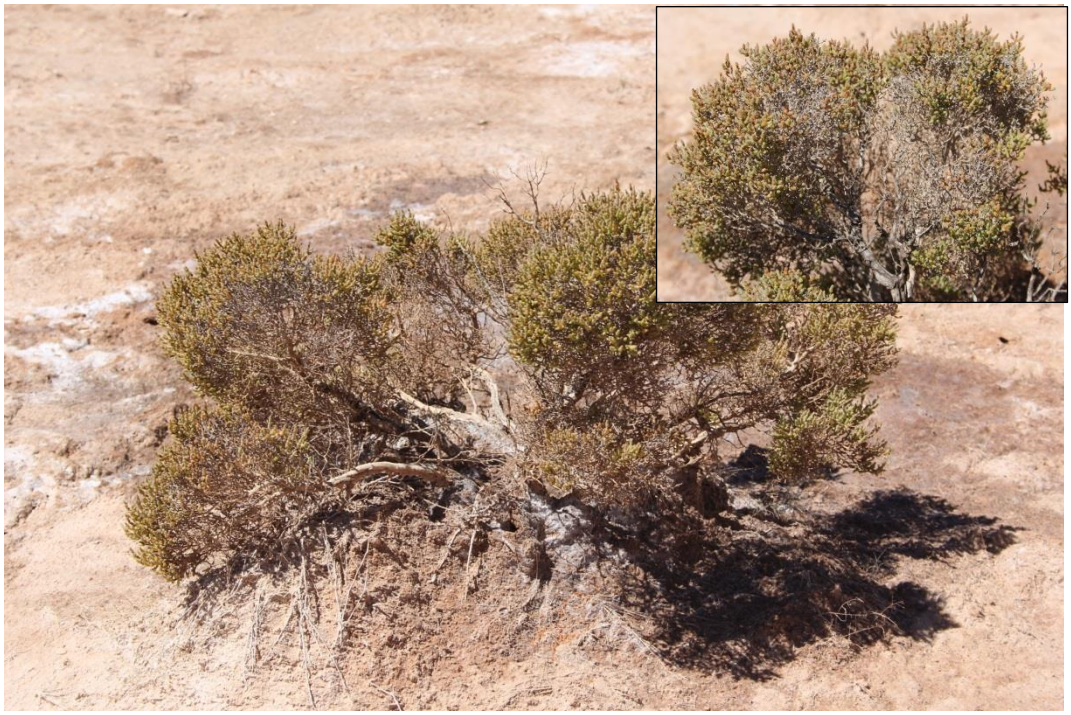

Plate 3: Image of *Tecticornia* sp. nov. A (unrecognised taxon, K.A. Shepherd 867) (CS)

Plate 4: Image of *Tecticornia* sp. nov. B (unrecognised taxon, K.A. Shepherd 867) (CS)

Table 7: Species Density of *Tecticornia* sp. nov. A (unrecognised taxon, K.A. Shepherd 867) (CS) identified during riparian vegetation monitoring[3]

***Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)**						
Transect	**No. plants per 10m² quadrat**		**No plants along transect (excluding first 10m)**		**Total**	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**
T1	0	0	1	1	1	1
T2	0	0	0	0	0	0
T3	0	0	0	0	0	0
T4	0	0	5	5	5	5
T5	0	0	0	0	0	0
T6	0	0	0	0	0	0
T7	0	0	0	0	0	0
T8	4	4	15	15	19	19
T9	0	0	14	14	14	14
T10	0	0	0	0	0	0
T11	0	0	0	0	0	0
T12	0	0	0	0	0	0
T13	0	0	0	0	0	0
T14	0	0	0	0	0	0

[3] 2013 Priority Taxa information has been excluded as further taxonomical identifications were completed following the 2013 monitoring period.

***Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)**						
Transect	**No. plants per 10m² quadrat**		**No plants along transect (excluding first 10m)**		**Total**	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**
T15	49	37	22	20	71	57
T16	0	0	0	0	0	0
T17	0	0	0	0	0	0
T18	0	0	2	2	2	2
Total	**53**	**41**	**59**	**57**	**112**	**98**

4.6.3 *Tecticornia* aff. *calyptrata* (potentially distinct taxon, K.A. Shepherd 867) CS

This taxon (Plate 5) was identified by taxonomic specialist Mike Hislop of the WAHERB, and later confirmed by *Tecticornia* specialist Kelly Shepherd as a potentially distinct taxon related to *Tecticornia calyptrata,* however further taxonomic work is required to confirm if it should be supported as a distinct taxon. As this specimen is a potentially distinct taxon it is considered to be of Conservation Significance. This taxon was abundant across the monitoring sites occurring within eleven of the eighteen sites. In the 2015 monitoring period the total number has decreased slightly from 607 plants in 2014 to 603 plants in 2015. Within the $10m^2$ quadrats 362 plants were identified; one control site (T15) has shown a slight decrease. An additional 241 plants were identified along the transect and two control sites (T11 and T15) have decreased (Table 8).

Plate 5: Image of *Tecticornia* aff. *calyptrata* (CS)

Table 8: Species Density of *Tecticornia* aff. *calyptrata* (CS) identified during riparian vegetation monitoring[4]

***Tecticornia* aff. *calyptrata* (CS)**						
Transect	**No. plants per 10m² quadrat**		**No plants along transect (excluding first 10m)**		**Total**	
	2014	**2015**	**2014**	**2015**	**2014**	**2015**
T1	0	0	0	0	0	0
T2	25	25	26	26	51	51
T3	0	0	0	0	0	0
T4	0	0	0	0	0	0
T5	2	2	0	0	2	2
T6	0	0	0	0	0	0
T7	0	0	0	0	0	0
T8	8	8	3	3	11	11
T9	0	0	0	0	0	0
T10	19	19	13	13	32	32
T11	54	54	31	30	85	84
T12	53	53	18	18	71	71
T13	27	27	31	31	58	58
T14	78	78	68	68	146	146
T15	7	6	42	40	49	46
T16	90	90	11	11	101	101
T17	0	0	0	0	0	0
T18	0	0	1	1	1	1
Total	**363**	**362**	**244**	**241**	**607**	**603**

4.7 Introduced Species

No introduced species were identified within the 18 sites of the monitoring program.

[4]2013 Priority Taxa information has been excluded as further taxonomical identifications were completed following the 2013 monitoring period

5 Conclusions and Recommendations

The impact sites have maintained a constant level of mean species diversity, and health rating since 2013. Mean species density and mean average vegetation cover have decreased slightly whilst mean plant abundance has shown a slight increase since 2013. The control sites have also maintained a constant level health rating since 2013. Mean species density, mean plant abundance and mean average vegetation cover however have all decreased. Mean species diversity for the control sites increased in the 2014 monitoring period and have maintained this level in the 2015 monitoring period.

Four flora of conservation significance were identified within the riparian vegetation of Lake Disappointment (not all were recorded within the monitoring sites):

1. *Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3);
2. *Tecticornia* sp. nov. A (unknown taxon as identified by K.A Shepherd 867);
3. *Tecticornia* sp. nov. B (unknown taxon as identified by K.A Shepherd 867); and
4. *Tecticornia* aff. *calyptrata*.

Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3) was the most abundant of all the species recorded in the monitoring program, occurring within seventeen of the eighteen sites. A total of 1106 plants of this species were identified during the monitoring; 645 identified within the 10m² quadrats and an additional 461 plants identified along the transects.

The 2015 monitoring period is the first year after the infill drilling program has been conducted. There has been no detrimental reduction in species diversity, species density, plant abundance, average vegetation cover or heath rating recorded in the impact sites. Minor reductions in species density and average vegetation cover have been recorded since monitoring began, however this result has been shown for both the impact and the control sites which suggests the reduction in a result of climatic factors rather than potential impacts from lake based exploration activities.

It is recommended that monitoring continue to be conducted annually in Autumn to document and track any future changes in vegetation condition, and allow recommendations to be made if there are any signs of any adverse effects on the vegetation fringing Lake Disappointment.

6 References

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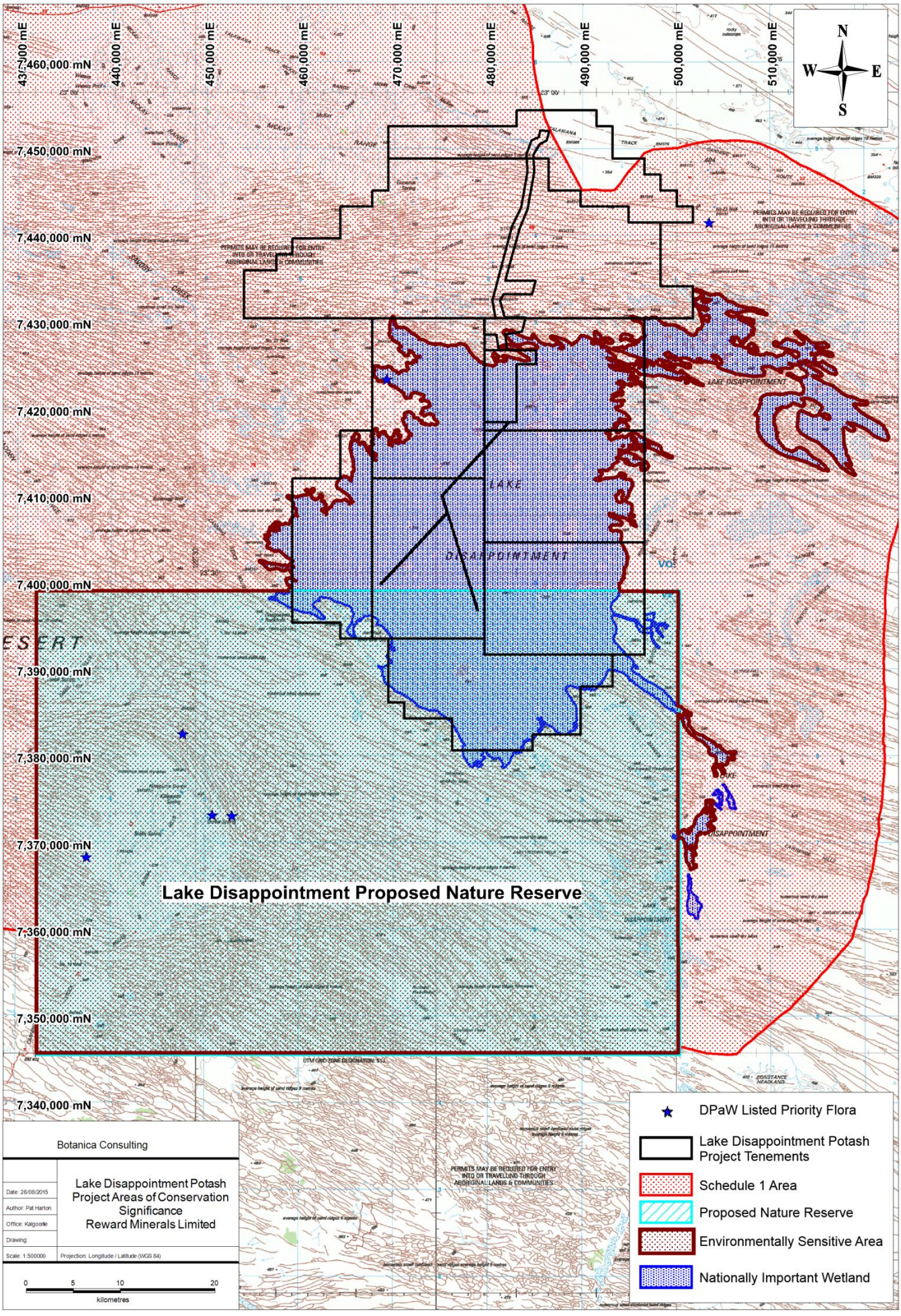
Appendix 1: Regional Map of Lake Disappointment Potash Project and areas of Conservation Significance



Appendix 2: Keighery 1994 Health Rating Scale

Health Rating	Health Description	Definition
6	Pristine	No obvious signs of disturbance
5	Excellent	Vegetation intact despite disturbance affect, weeds are non-aggressive individual species
4	Very Good	Vegetation altered due to obvious signs of disturbance
3	Good	Structure affected multiple disturbances. Retains basic structure, has ability to regenerate
2	Degraded	Structure severely disturbed. Can regenerate to good condition, but requires intensive management
1	Completely Degraded	Completely bare no native species

Appendix 3: List of all species identified in riparian vegetation monitoring program 2015

(A) Denotes annual species; (P) and red text denotes Priority Flora or Species of Conservation Significance

Family	Genus	Species
Amaranthaceae	*Surreya*	*diandra*
Chenopodiaceae	*Maireana*	*luehmannii*
Chenopodiaceae	*Tecticornia*	*auriculata*
Chenopodiaceae	*Tecticornia*	aff. *calyptrata* (CS)
Chenopodiaceae	*Tecticornia*	*indica* subsp. *bidens*
Chenopodiaceae	*Tecticornia*	sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
Chenopodiaceae	*Tecticornia*	sp. nov B (unrecognised taxon, K.A. Shepherd 867) (CS)
Chenopodiaceae	*Tecticornia*	sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
Frankeniaceae	*Frankenia*	*cinerea*
Goodeniaceae	*Scaevola*	*collaris*
Malvaceae	*Abutilon*	*otocarpum*
Malvaceae	*Abutilon*	*lepidum*
Poaceae	*Eragrostis*	*pergracilis* (A)
Poaceae	*Triodia*	*basedowii*
Malvaceae	*Abutilon*	*lepidum*
Poaceae	*Eragrostis*	*pergracilis* (A)
Poaceae	*Triodia*	*basedowii*

Appendix 4: Photos for all monitoring sites from 2013 to 2015 (Quadrat, Parallel and Perpendicular)

Impact Sites

Transect 1

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

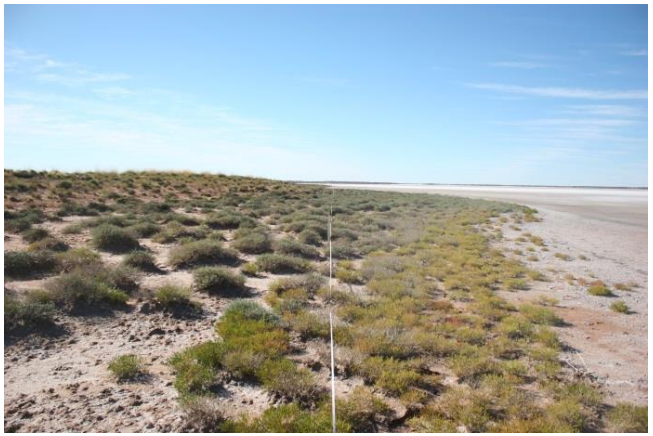
Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 2

Quadrat 2013



Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 3

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015 

Parallel 2015 

Perpendicular 2015

Transect 4

Quadrat 2013 

Parallel 2013 

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

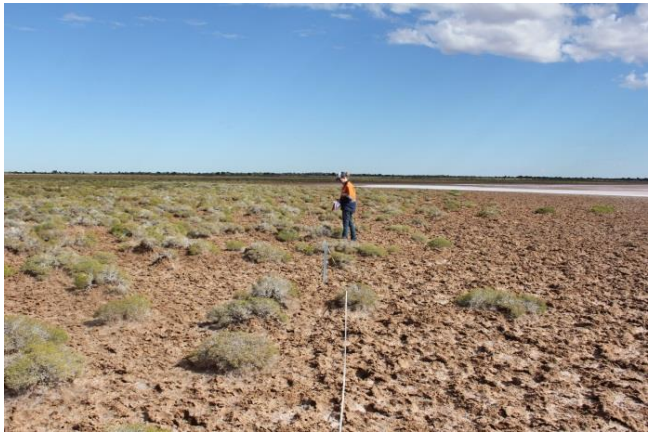
Transect 5

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014



Parallel 2014

Perpendicular 2014

Quadrat 2015Parallel 2015

Perpendicular 2015

Transect 6

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 7

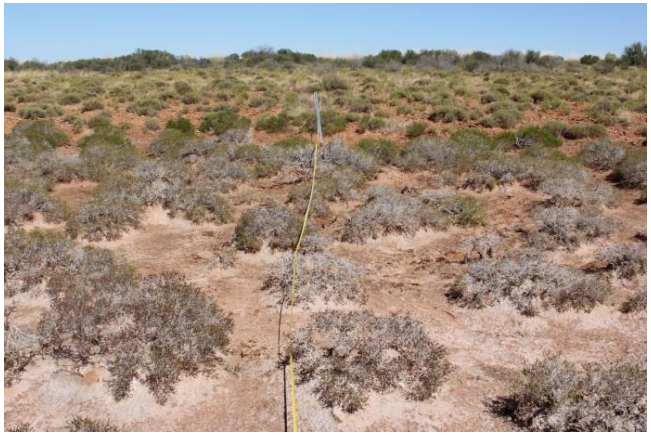
Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014



Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 8

Quadrat 2013

Parallel 2013

Perpendicular 2013

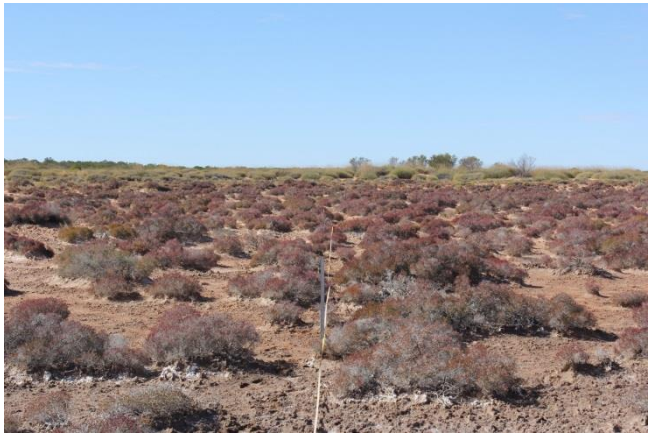
Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015



Perpendicular 2015

Transect 9

Quadrat 2013

Parallel 2013

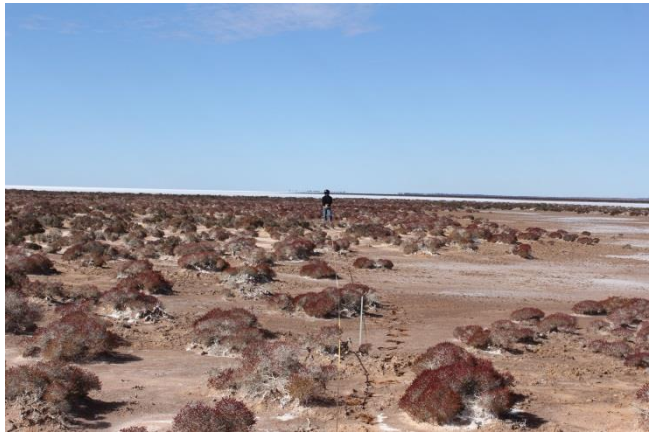
Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2014



Parallel 2014

Perpendicular 2014

Transect 10

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 11

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 12

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 13

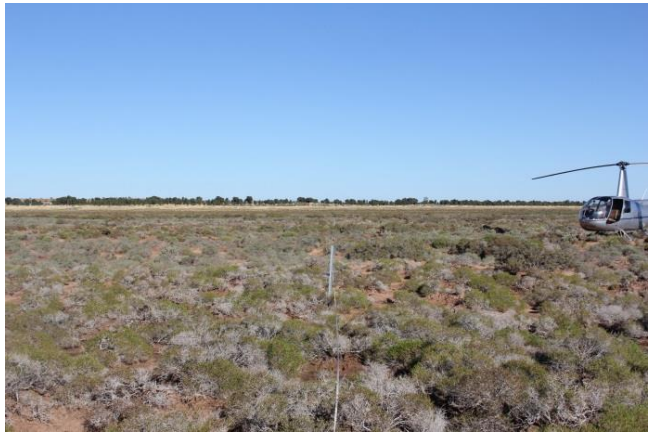
Quadrat 2013

Parallel 2013

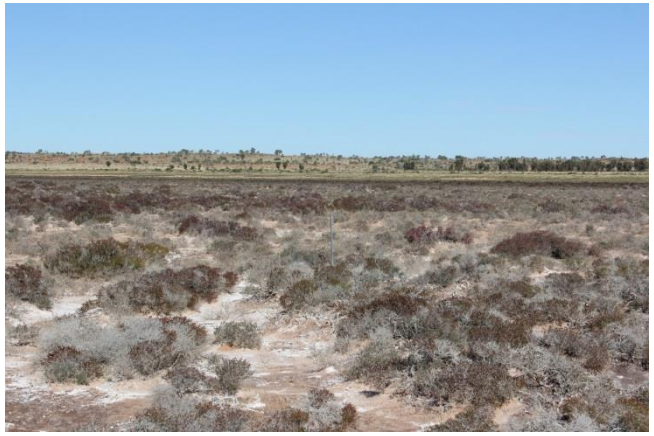
Perpendicular 2013

Quadrat 2014

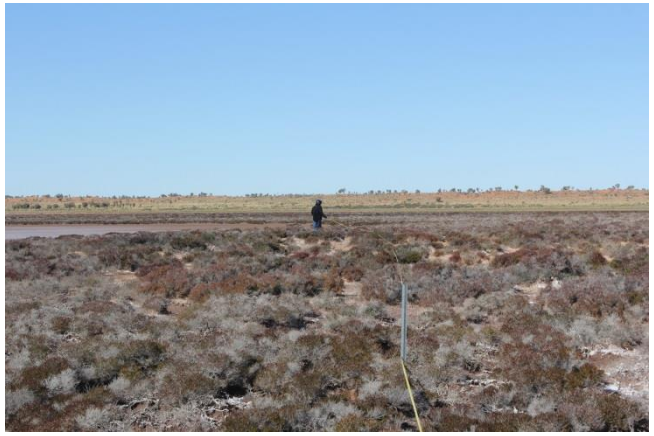
Parallel 2014



Perpendicular 2014



Quadrat 2015



Parallel 2015

Perpendicular 2015

Transect 14

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 17

Quadrat 2013

Parallel 2013

Perpendicular 2013

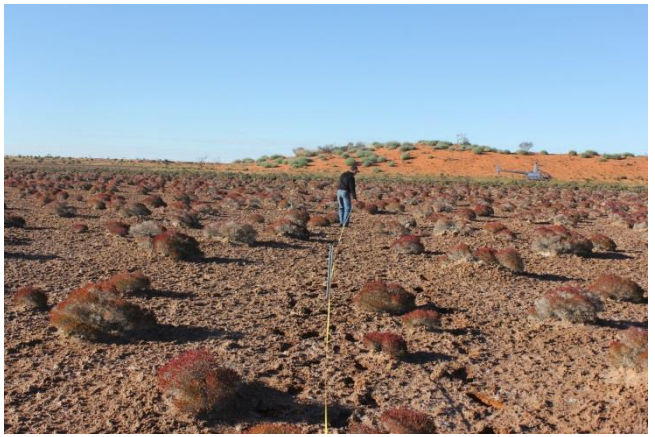
Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015



Perpendicular 2015

Control Sites

Transect 15

Quadrat 2013

Parallel 2013

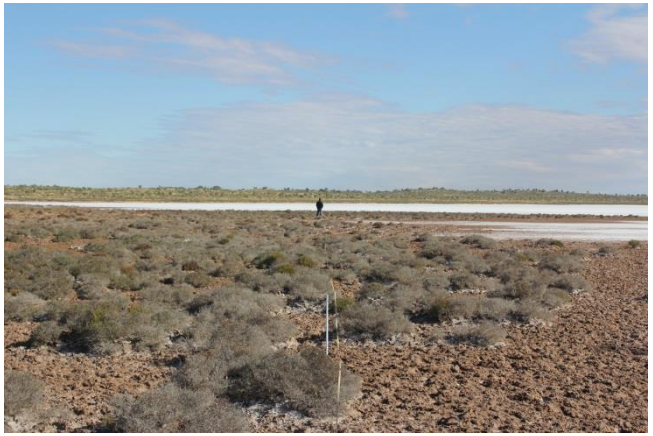
Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015



Parallel 2015

Perpendicular 2015

Transect 16

Quadrat 2013

Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014

Quadrat 2015

Parallel 2015

Perpendicular 2015

Transect 18

Quadrat 2013

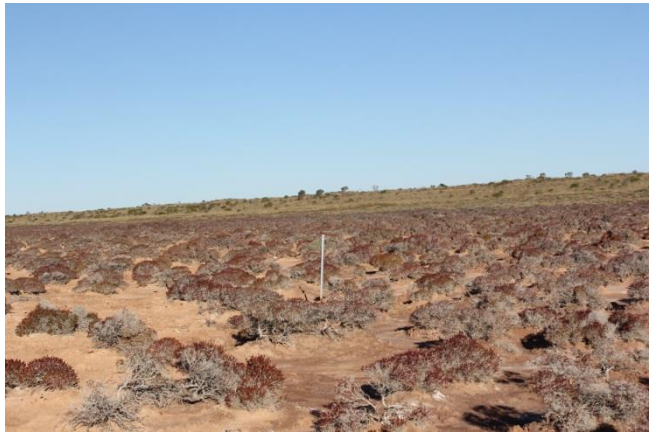
Parallel 2013

Perpendicular 2013

Quadrat 2014

Parallel 2014

Perpendicular 2014



Quadrat 2015

Parallel 2015

Perpendicular 2015

Appendix 5: Raw Results of the Transect Vegetation Monitoring 2015

TRANSECT 1

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
1.3	2.1	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.6	7.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8	8.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.5	8.6	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.2	13.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21	21.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23	23.8	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
28	28.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34.5	35.2	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
37.9	38.6	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
41	41.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.7	43.3	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45	45.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
48.5	49.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
49.7	50.4	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
51.9	52.4	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
54.3	54.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.6	57.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
58.9	59.7	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
60.7	60.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.6	63	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63.6	63.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
68.5	68.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69.7	70	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
75	75.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
79.5	79.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
80.2	80.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
81.5	81.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.4	84.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
93	93.4	0.4	*Tecticornia auriculata*
% veg cover		**12.5**	
% bare cover		**87.5**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
3	3.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6	6.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.4	6.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.7	8.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10	10.9	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.2	13.5	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
19.8	20	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
22.5	23.3	0.8	*Tecticornia auriculata*
31.4	32.1	0.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
33.8	34.3	0.5	*Tecticornia auriculata*
37.6	38	0.4	*Tecticornia auriculata*
40.1	40.5	0.4	*Tecticornia auriculata*
44.5	45	0.5	*Tecticornia auriculata*
45.9	46.3	0.4	*Tecticornia auriculata*
56.6	57.2	0.6	*Tecticornia auriculata*
60.5	60.7	0.2	*Tecticornia auriculata*
70.3	70.5	0.2	*Tecticornia auriculata*
75	75.2	0.2	*Tecticornia auriculata*
79.7	80.4	0.7	*Tecticornia auriculata*
84.6	84.9	0.3	*Tecticornia auriculata*
86.7	87.9	1.2	*Tecticornia auriculata*
89.8	90.8	1	*Tecticornia auriculata*
91.8	92.1	0.3	*Tecticornia auriculata*
93.4	93.8	0.4	*Tecticornia auriculata*
96.7	97.5	0.8	*Tecticornia auriculata*
% veg cover		**12.4**	
% bare cover		**87.6**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	72	32
Total	**72**	**32**

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	72
Plant abundance (100m)	30
Average % veg cover	12.5
Health Rating	3

TRANSECT 2

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0.9	1.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
1.3	1.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
2.2	2.8	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
4.1	4.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.7	5.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.3	6.6	0.3	*Tecticornia* aff. *calyptrata* (CS)
7.3	7.5	0.2	*Tecticornia* aff. *calyptrata* (CS)
12	12.5	0.5	*Tecticornia* aff. *calyptrata* (CS)
13.5	14	0.5	*Tecticornia* aff. *calyptrata* (CS)
15	15.3	0.3	*Tecticornia* aff. *calyptrata* (CS)
16.5	17	0.5	*Tecticornia* aff. *calyptrata* (CS)
20.2	21.5	1.3	*Tecticornia* aff. *calyptrata* (CS)
22.3	22.8	0.5	*Tecticornia* aff. *calyptrata* (CS)
24.6	25.2	0.6	*Tecticornia* aff. *calyptrata* (CS)
26.7	27.1	0.4	*Tecticornia* aff. *calyptrata* (CS)
27.4	27.7	0.3	*Tecticornia* aff. *calyptrata* (CS)
30.2	30.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
30.5	30.8	0.3	*Tecticornia* aff. *calyptrata* (CS)
31.8	32.3	0.5	*Tecticornia* aff. *calyptrata* (CS)
33.3	33.7	0.4	*Surreya diandra*
33.9	34.5	0.6	*Tecticornia* aff. *calyptrata* (CS)
36.7	37.9	1.2	*Tecticornia* aff. *calyptrata* (CS)
38.7	39.4	0.7	*Surreya diandra*
40.7	41.5	0.8	*Surreya diandra*
42.5	43	0.5	*Tecticornia* aff. *calyptrata* (CS)
44	44.2	0.2	*Surreya diandra*
44.2	44.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
53.3	53.6	0.3	*Surreya diandra*
60.8	61	0.2	*Surreya diandra*
68	68.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
69.5	69.8	0.3	*Tecticornia* aff. *calyptrata* (CS)
70.1	70.3	0.2	*Tecticornia* aff. *calyptrata* (CS)
71.7	73	1.3	*Tecticornia* aff. *calyptrata* (CS)
73.5	73.8	0.3	*Tecticornia* aff. *calyptrata* (CS)
74.1	74.3	0.2	*Tecticornia* aff. *calyptrata* (CS)
74.9	75.4	0.5	*Tecticornia* aff. *calyptrata* (CS)
76.6	76.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
78.4	78.8	0.4	*Tecticornia* aff. *calyptrata* (CS)
80	81.5	1.5	*Tecticornia* aff. *calyptrata* (CS)
90.2	90.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96	96.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**19.3**	
% bare cover		**80.7**	

Perpendicular Transect 14.7m			
Start	**End**	**Distance covered along transect**	**Species**
6.1	6.7	0.6	*Tecticornia* aff. *calyptrata* (CS)
7.7	7.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.7	13.9	0.2	*Surreya diandra*
% veg cover		**6.8**	
% bare cover		**93.2**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia aff. *calyptrata* (CS)	25	5
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	34	5
Surreya diandra	2	2
Total	**61**	**12**

Summary	
Species Diversity (10m²)	3
Species Density (10m²)	61
Plant abundance (100m)	41
Average % veg cover	13.1
Health Rating	3

TRANSECT 3

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0.7	1.2	0.5	*Tecticornia auriculata*
3.5	4.2	0.7	*Tecticornia auriculata*
5.1	5.4	0.3	*Surreya diandra*
9.8	10.1	0.3	*Tecticornia auriculata*
10.5	10.9	0.4	*Tecticornia auriculata*
34.3	34.8	0.5	*Tecticornia auriculata*
36.8	37.2	0.4	*Tecticornia auriculata*
37.3	37.4	0.1	*Tecticornia auriculata*
37.7	37.9	0.2	*Tecticornia auriculata*
38.7	39.4	0.7	*Tecticornia auriculata*
39.4	39.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
40.2	40.3	0.1	*Tecticornia auriculata*
40.3	40.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
40.7	40.9	0.2	*Tecticornia auriculata*
40.9	41.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.2	42.5	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45.6	46	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
50.1	50.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
54.1	55	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
55.7	55.8	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
56	56.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.6	57.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
58.8	59	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.6	60	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
60.1	60.6	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
61.6	61.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.2	62.3	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.8	63.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65	65.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**10.1**	
% bare cover		**89.9**	

Perpendicular Transect 10m			
Start	**End**	**Distance covered along transect**	**Species**
0.8	1.1	0.3	*Tecticornia auriculata*
7.6	7.9	0.3	*Triodia basedowii*
8.1	8.2	0.1	*Triodia basedowii*
% veg cover		**7**	
% bare cover		**93**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Triodia basedowii	6	2
Surreya diandra	2	1
Tecticornia auriculata	32	5
Maireana luehmannii	2	2
Abutilon lepidum	0	0
Eragrostis pergracilis (A)	0	0
Scaevola collaris	4	2
Total	**46**	**12**

Summary	
Species Diversity (10m²)	5
Species Density (10m²)	46
Plant abundance (100m)	29
Average % veg cover	8.5
Health Rating	3

TRANSECT 4

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
1.7	2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
4	4.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.5	5.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.7	7	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10.4	11	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.5	14.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.2	15.3	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.7	16.2	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
19.1	19.2	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.4	20.5	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21.4	21.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21	21.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.1	23.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.9	24.3	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
29	29.9	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34	34.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
38.5	39.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
41.9	42.4	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45	45.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
49.5	49.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.2	53.5	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.9	54.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.7	60.2	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.8	63.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.7	64.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.9	66.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69.8	69.9	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
71.5	71.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
74.4	75.1	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
76.9	77.5	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78.9	79.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
79.4	79.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
81.1	81.7	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.6	85.5	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
86.6	86.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
88.5	89.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
89.8	90.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
90.3	90.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
94.1	94.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
95.3	95.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
98.6	99.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**15.6**	
% bare cover		**84.4**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
4	4.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.8	6.3	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.5	8.2	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10.6	11.3	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.3	13.8	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
16.9	17.7	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.6	21	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
22	22.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
24.6	25	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
26.4	26.7	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
28.4	29.3	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
30.8	32.7	1.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
35.7	36.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
39	39.7	0.7	*Tecticornia auriculata*
41.1	41.8	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.3	44	1.7	*Tecticornia auriculata*
45.7	47	1.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
52.2	52.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.8	54.3	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
56.7	56.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59	60	1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
60.6	62.7	2.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
66.2	67.7	1.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
72.1	73	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
73.9	74.4	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
76.8	77.7	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78.6	78.8	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
80.5	80.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.4	82.5	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
83.8	84.5	0.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
85.8	87.4	1.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
88.4	89.4	1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
90.2	91.2	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
94	95	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96.6	97.7	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
98	99	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
99	99.2	0.2	*Frankenia cinerea*
% veg cover		**29.2**	
% bare cover		**70.8**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	46	30
Total	**46**	**30**

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	46
Plant abundance (100m)	41
Average % veg cover	22.4
Health Rating	4

TRANSECT 5

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0	0.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.7	8.4	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
11.5	11.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.3	17.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.7	18	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.8	19.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
25.3	26	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
31.5	32	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45.1	45.7	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
48	48.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
56	56.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
61.4	62	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.3	64.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.8	65.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.3	65.8	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
76.1	77	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
77.5	78	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.6	84.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
85.5	85.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
87.1	87.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
91.4	91.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
95.5	95.9	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96.4	96.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**9.8**	
% bare cover		**90.2**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
7.1	8.2	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10	10.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
16.4	17.1	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.3	19.5	1.2	*Surreya diandra*
23	25.3	2.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
26.7	27.3	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
29	30	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
31.1	32.2	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
38.2	40.1	1.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
49.9	51	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
51.6	52.5	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.7	64	1.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.8	65	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66	66.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67.7	76.2	8.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78	82.7	4.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.9	87.8	4.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**32.9**	
% bare cover		**67.1**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia aff. *calyptrata* (CS)	2	2
Tecticornia indica subsp. *bidens*	1	1
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	40	25
Frankenia cinerea	1	1
Total	**44**	**29**

Summary	
Species Diversity (10m²)	4
Species Density (10m²)	44
Plant abundance (100m)	23
Average % veg cover	21.4
Health Rating	3

TRANSECT 6

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
13.3	13.6	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.7	14.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.8	16	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.4	17.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.7	21	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
22.9	23.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.9	24.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
27.6	27.8	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
29	29.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
30.1	30.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
32.9	33.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33.6	33.8	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
35.8	35.9	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
39.1	39.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
40	40.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45.3	45.6	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
49.3	49.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
52.1	52.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
54.8	55	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57	57.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.3	57.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
58.6	58.8	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.6	60.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
61.5	61.6	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62	62.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63.8	64	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.2	64.5	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.1	65.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66	66.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66.7	67.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67.4	67.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
71	71.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
73	73.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
75.8	76.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.2	84.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
87.6	88.1	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
88.8	89	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**8.7**	
% bare cover		**91.3**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
4.1	4.2	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5	5.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.9	16.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
19.1	19.2	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.4	53.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
54.8	55	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
58.9	59	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.5	60.7	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.8	66	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69.7	70.6	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.3	82.9	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.1	85.3	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
95.5	96.3	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**7.1**	
% bare cover		**92.9**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	47	10
Total	**47**	**10**

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	47
Plant abundance (100m)	37
Average % veg cover	7.9
Health Rating	4

TRANSECT 7

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0.8	1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.2	6.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.5	7.9	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.9	9.6	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
11	11.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13	13.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.6	16.4	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
36.8	38	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
41.5	42	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
43	43.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
43.9	44.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
44.9	45.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45.7	45.9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
46.2	46.9	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
47.5	48.2	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
49.5	50.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
50.8	51.5	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
55.1	56	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
58.2	59	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
60.4	60.9	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
61.8	62.7	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63	64.2	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.2	65.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66.5	66.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67	68	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
71.1	71.7	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
75	75.7	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
76	76.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78.4	78.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
79.2	80.7	1.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
83.4	84.6	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
87	88.8	1.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
89.6	90.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
91.8	92	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
94	94.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**22.5**	
% bare cover		**77.5**	

Perpendicular Transect 10m			
Start	**End**	**Distance covered along transect**	**Species**
2	2.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.1	5.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.3	6.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.2	7.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.8	8.7	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.8	9.3	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**29**	
% bare cover		**71**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	60	70
Total	**60**	**70**

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	60
Plant abundance (100m)	35
Average % veg cover	25.8
Health Rating	3

Transect 8

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
5.6	6.6	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
12.7	13.6	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.1	14.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.7	18.2	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21.1	21.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.6	23.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
25.5	25.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
29.4	30	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
30.5	30.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33	33.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
35.4	35.9	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
37.3	38	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.1	43.1	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.1	53.7	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.6	58	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.2	59.7	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63	63.8	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.5	66.6	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
74.2	75.8	1.6	*Tecticornia auriculata*
76.5	77.7	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82	82.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.3	82.8	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84	84.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**14.2**	
% bare cover		**85.8**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	***Species***
1.2	1.9	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
3.4	4	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.3	5.6	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9.6	10.3	0.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
11.9	12.1	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
13.4	14	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
15.7	16	0.3	*Tecticornia auriculata*
19.5	19.8	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
20.5	20.6	0.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
25.5	26.2	0.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
28	28.3	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
28.6	29	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
32.5	32.6	0.1	*Tecticornia* aff. *calyptrata* (CS)
40	40.4	0.4	*Tecticornia auriculata*
41.8	42.5	0.7	*Tecticornia auriculata*
43.2	43.7	0.5	*Tecticornia auriculata*
46.1	46.7	0.6	*Tecticornia auriculata*
47.7	48.2	0.5	*Tecticornia auriculata*
50.2	50.6	0.4	*Tecticornia auriculata*
51.7	52.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.6	54	0.4	*Tecticornia auriculata*
60.1	60.5	0.4	*Tecticornia auriculata*
61.2	61.6	0.4	*Tecticornia auriculata*
63	63.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
65	65.7	0.7	*Tecticornia* aff. *calyptrata* (CS)
66.3	66.7	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
71.5	71.8	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
76.2	76.4	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
76.4	76.7	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
78.8	79.2	0.4	*Surreya diandra*
81.6	82.3	0.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
82.4	84.1	1.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
85.2	86	0.8	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
88.8	89.1	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
91.4	91.6	0.2	*Frankenia cinerea*
92.7	93.1	0.4	*Frankenia cinerea*
93.7	93.9	0.2	*Surreya diandra*
96.6	96.7	0.1	*Surreya diandra*
97.4	97.6	0.2	*Surreya diandra*
98	98.2	0.2	*Surreya diandra*
% veg cover		**17.3**	
% bare cover		**82.7**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	36	35
Tecticornia sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)	4	5
Tecticornia aff. *calyptrata* (CS)	8	10
Total	**48**	**50**

Summary	
Species Diversity (10m²)	3
Species Density (10m²)	48
Plant abundance (100m)	23
Average % veg cover	15.8
Health Rating	3

TRANSECT 9

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
10	10.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.4	15.9	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
16.2	17.5	1.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
24.9	25.7	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
30.7	31.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
31.9	32.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33	33.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34.5	34.9	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45.1	45.6	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
50	50.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
52.9	53.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.8	58.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
58.6	59	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63.6	64	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
68.3	69	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69.1	69.9	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
75.6	76.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.5	82.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96.5	97.5	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
98.4	99	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		10.4	
% bare cover		89.6	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0.9	1.5	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
2.9	3.5	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
12.3	12.9	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.2	14.8	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.6	16.3	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.7	18.2	0.5	*Maireana luehmannii*
20.8	21	0.2	*Frankenia cinerea*
21.5	22	0.5	*Frankenia cinerea*
28.3	28.6	0.3	*Frankenia cinerea*
30	30.4	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
32.7	32.9	0.2	*Frankenia cinerea*
36.5	37	0.5	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
39.3	39.4	0.1	*Frankenia cinerea*
41.7	41.9	0.2	*Frankenia cinerea*
42.5	42.9	0.4	*Frankenia cinerea*
46	46.2	0.2	*Frankenia cinerea*
46.4	46.5	0.1	*Frankenia cinerea*
53.8	54.1	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
66.5	66.6	0.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
67.4	68	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
71.7	72.3	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
72.6	72.9	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
75	75.4	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
77.4	77.6	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
79.8	80.1	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
80.2	80.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84	84.2	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
88.5	88.8	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
89.2	89.3	0.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
94.7	95.3	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
99.2	100	0.8	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
% veg cover		**11.9**	
% bare cover		**88.1**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	38	40
Tecticornia auriculata	3	5
Surreya diandra	0	0
Total	**41**	**45**

Summary	
Species Diversity (10m²)	3
Species Density (10m²)	41
Plant abundance (100m)	20
Average % veg cover	11.2
Health Rating	3

TRANSECT 10

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
4.1	4.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.8	6.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.3	6.4	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7	7.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.2	8.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9.3	9.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10.6	10.7	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
11	11.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.5	15.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
16.2	16.3	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.3	17.4	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.9	19.4	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
24.1	24.2	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
24.5	24.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
25.5	25.9	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
26.3	27.9	1.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
31.8	32.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34.8	35	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
35.3	35.4	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
36.6	37.6	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
39.5	40	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
41.1	41.2	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.5	42.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
45.9	46	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
46.8	47.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
50.1	50.7	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
51.5	51.9	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.8	54.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
56.9	57.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66.1	66.2	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.7	85.5	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
88.1	89	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
90.4	90.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
91	91.1	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
92.1	92.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96	96.9	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**12.8**	
% bare cover		**87.2**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
1.6	2.4	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.3	5.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.4	7.5	0.1	*Tecticornia* aff. *calyptrata* (CS)
9.5	10	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10.2	10.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
11.3	11.8	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
12.9	13.4	0.5	*Tecticornia* aff. *calyptrata* (CS)
16.3	17	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.9	19.1	0.2	*Tecticornia* aff. *calyptrata* (CS)
19.1	19.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21	21.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
22.4	22.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
28.8	29.2	0.4	*Tecticornia* aff. *calyptrata* (CS)
29.2	30	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33.4	33.6	0.2	*Tecticornia* aff. *calyptrata* (CS)
34.2	34.6	0.4	*Tecticornia* aff. *calyptrata* (CS)
35.5	35.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
37.8	38.2	0.4	*Tecticornia* aff. *calyptrata* (CS)
43.3	43.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
48.2	48.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
49	49.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
49.4	49.7	0.3	*Tecticornia* aff. *calyptrata* (CS)
52.3	52.4	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
56.8	57	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.2	65.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
67	67.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67.5	67.6	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
68.7	69.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69.3	69.6	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96.9	97	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
97.6	97.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**9.9**	
% bare cover		**90.1**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	56	50
Tecticornia aff. *calyptrata* (CS)	19	10
Total	**75**	**60**

Summary	
Species Diversity (10m²)	2
Species Density (10m²)	75
Plant abundance (100m)	36
Average % veg cover	11.35
Health Rating	3

TRANSECT 11

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0	0.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
4.5	4.8	0.3	*Surreya diandra*
5.3	5.5	0.2	*Surreya diandra*
11.7	11.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
12.9	13.1	0.2	*Tecticornia* aff. *calyptrata* (CS)
14.3	14.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
18.1	18.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
20.9	21	0.1	*Tecticornia* aff. *calyptrata* (CS)
24.1	24.2	0.1	*Tecticornia* aff. *calyptrata* (CS)
24.4	24.6	0.2	*Tecticornia* aff. *calyptrata* (CS)
29.3	29.5	0.2	*Tecticornia* aff. *calyptrata* (CS)
30.3	30.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
37.2	37.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
41.1	41.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.1	42.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
42.7	42.8	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
48.5	49.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
50.6	50.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
51.1	51.2	0.1	*Tecticornia* aff. *calyptrata* (CS)
52.2	52.3	0.1	*Tecticornia* aff. *calyptrata* (CS)
53.6	53.7	0.1	*Tecticornia* aff. *calyptrata* (CS)
54.3	54.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
56	56.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
56.8	57	0.2	*Tecticornia* aff. *calyptrata* (CS)
57.3	58.5	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
61.2	61.3	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
61.5	61.6	0.1	*Tecticornia* aff. *calyptrata* (CS)
61.8	62.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64	64.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66.4	67.4	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
72.6	73.3	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.6	83.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
92.1	92.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
96	96.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**9.9**	
% bare cover		**90.1**	

Perpendicular Transect 77m			
Start	**End**	**Distance covered along transect**	**Species**
4	4.3	0.3	*Tecticornia* aff. *calyptrata* (CS)
7.5	7.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
8.4	8.9	0.5	*Tecticornia* aff. *calyptrata* (CS)
15.7	16.1	0.4	*Tecticornia* aff. *calyptrata* (CS)
16.7	16.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
21	21.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
26.1	26.3	0.2	*Tecticornia* aff. *calyptrata* (CS)
33.9	34.5	0.6	*Surreya diandra*
41.6	41.8	0.2	*Surreya diandra*
44.8	45	0.2	*Surreya diandra*
46.8	46.9	0.1	*Surreya diandra*
47.1	47.2	0.1	*Tecticornia* aff. *calyptrata* (CS)
49.6	49.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
50.1	50.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
56.3	56.7	0.4	*Surreya diandra*
58.3	58.6	0.3	*Tecticornia* aff. *calyptrata* (CS)
58.9	59.5	0.6	*Tecticornia* aff. *calyptrata* (CS)
59.5	59.9	0.4	*Surreya diandra*
65.5	65.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
66.6	66.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
76.3	76.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
76.6	77.7	1.1	*Surreya diandra*
76.7	77	0.3	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**9.5**	
% bare cover		**90.5**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia aff. *calyptrata* (CS)	54	20
Surreya diandra	11	20
Total	**65**	**55**

Summary	
Species Diversity (10m²)	2
Species Density (10m²)	65
Plant abundance (100m)	34
Average % veg cover	9.7
Health Rating	2

TRANSECT 12

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0.5	1.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
3.5	4.7	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.1	5.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.6	5.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.3	6.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.8	9	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9.1	9.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10	10.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13	13.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.3	16	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.4	19	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
19.8	20.3	0.5	*Tecticornia* aff. *calyptrata* (CS)
20.6	21	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21.1	21.3	0.2	*Tecticornia* aff. *calyptrata* (CS)
22	22.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
22	23.2	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.3	23.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
24.3	24.8	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
25.2	25.9	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
27.2	28	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
28.6	28.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
29.7	31.5	1.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33.4	33.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63.5	63.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
64.8	65.4	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65.6	66	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67.5	69.1	1.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69.6	70	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
80.1	80.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82.9	83.3	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
84.8	85.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
89.8	90.5	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
91.6	91.7	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**18.2**	
% bare cover		**81.8**	

Perpendicular Transect 41m			
Start	**End**	**Distance covered along transect**	**Species**
2.9	3	0.1	*Tecticornia* aff. *calyptrata* (CS)
3.9	4.3	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.4	6.7	0.3	*Tecticornia* aff. *calyptrata* (CS)
7.3	10	2.7	*Tecticornia* aff. *calyptrata* (CS)
10.5	12.2	1.7	*Tecticornia* aff. *calyptrata* (CS)
13	14.8	1.8	*Tecticornia* aff. *calyptrata* (CS)
15.4	16	0.6	*Tecticornia* aff. *calyptrata* (CS)
16.3	17.4	1.1	*Tecticornia* aff. *calyptrata* (CS)
19.8	20.6	0.8	*Tecticornia* aff. *calyptrata* (CS)
22.9	24.3	1.4	*Tecticornia* aff. *calyptrata* (CS)
25.1	25.6	0.5	*Tecticornia* aff. *calyptrata* (CS)
26.4	27.1	0.7	*Tecticornia* aff. *calyptrata* (CS)
27.3	28.2	0.9	*Tecticornia* aff. *calyptrata* (CS)
28.8	31.3	2.5	*Tecticornia* aff. *calyptrata* (CS)
32	32.7	0.7	*Tecticornia* aff. *calyptrata* (CS)
33.1	33.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
33.6	34.1	0.5	*Tecticornia* aff. *calyptrata* (CS)
34.9	35.6	0.7	*Tecticornia* aff. *calyptrata* (CS)
38.7	39.1	0.4	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**44**	
% bare cover		**56**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	43	35
Tecticornia aff. *calyptrata* (CS)	53	35
Total	**96**	**70**

Summary	
Species Diversity (10m²)	2
Species Density (10m²)	96
Plant abundance (100m)	33
Average % veg cover	31.2
Health Rating	3

TRANSECT 13

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0	0.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
2.4	2.9	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
3.6	4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
4.4	5.4	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.6	5.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.1	6.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.8	7.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8	8.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9	9.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9.6	9.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10.1	10.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
11.5	12.3	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.2	13.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14	14.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.3	14.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
15.6	15.8	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
17.8	19.1	1.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.2	20.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.4	20.6	0.2	*Tecticornia* aff. *calyptrata* (CS)
20.6	20.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.9	21	0.1	*Tecticornia* aff. *calyptrata* (CS)
21.3	21.8	0.5	*Surreya diandra*
23.1	23.5	0.4	*Tecticornia* aff. *calyptrata* (CS)
24.7	24.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
26.1	26.5	0.4	*Tecticornia* aff. *calyptrata* (CS)
27	27.9	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
28.1	28.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
32.5	32.8	0.3	*Tecticornia* aff. *calyptrata* (CS)
35	35.2	0.2	*Surreya diandra*
36.2	36.7	0.5	*Surreya diandra*
38.2	38.8	0.6	*Surreya diandra*
44.6	44.9	0.3	*Surreya diandra*
45.7	47.4	1.7	*Tecticornia* aff. *calyptrata* (CS)
51.3	51.6	0.3	*Surreya diandra*
52.2	52.3	0.1	*Abutilon otocarpum*
56.8	57.7	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62	62.8	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.6	64.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
65.3	65.8	0.5	*Tecticornia* aff. *calyptrata* (CS)
70	71.3	1.3	*Tecticornia* aff. *calyptrata* (CS)
71.7	71.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
72.7	73	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
73.3	73.8	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
76.6	77.8	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
80	80.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
82	83.2	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
83.8	84.7	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
85.8	87.5	1.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
88.2	89.6	1.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
90.3	91.4	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
92.5	93.6	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
98.5	99.4	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**29.4**	
% bare cover		**70.6**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0.2	0.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
2.7	3.9	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.3	7.5	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.1	8.3	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9	9.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9.8	10.5	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
12.5	13.1	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.4	13.9	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.7	15	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.6	18.9	0.3	*Tecticornia* aff. *calyptrata* (CS)
19.3	19.7	0.4	*Tecticornia* aff. *calyptrata* (CS)
27.1	27.5	0.4	*Tecticornia* aff. *calyptrata* (CS)
27.7	28	0.3	*Tecticornia* aff. *calyptrata* (CS)
29.3	29.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
30.5	30.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
31.6	31.7	0.1	*Tecticornia* aff. *calyptrata* (CS)
32.5	32.6	0.1	*Maireana luehmannii*
34.3	34.5	0.2	*Tecticornia* aff. *calyptrata* (CS)
36.9	37	0.1	*Tecticornia* aff. *calyptrata* (CS)
41.9	42	0.1	*Tecticornia* aff. *calyptrata* (CS)
45.6	46.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
51.5	52	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.6	53.9	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
54.2	54.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
55	55.4	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
55.8	56.6	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.3	57.6	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.6	60.1	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63.3	63.7	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.3	64.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
66	66.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67.9	68.5	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
73	74.1	1.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
76.2	76.5	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78.3	78.5	0.2	*Tecticornia* aff. *calyptrata* (CS)
90.1	90.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
92.3	92.8	0.5	*Tecticornia* aff. *calyptrata* (CS)
94.5	94.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
94.7	95.9	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
97.1	97.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
97.9	98.2	0.3	*Tecticornia* aff. *calyptrata* (CS)
98.4	98.8	0.4	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**17.9**	
% bare cover		**82.1**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	62	50
Tecticornia aff. *calyptrata* (CS)	27	20
Total	**89**	**70**

Summary	
Species Diversity (10m²)	2
Species Density (10m²)	89
Plant abundance (100m)	52
Average % veg cover	23.7
Health Rating	3

TRANSECT 14

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
0	0.6	0.6	*Tecticornia* aff. *calyptrata* (CS)
0.7	0.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
0.8	2.1	1.3	*Tecticornia* aff. *calyptrata* (CS)
2.8	3.8	1	*Tecticornia* aff. *calyptrata* (CS)
4.1	4.8	0.7	*Tecticornia* aff. *calyptrata* (CS)
5	5.4	0.4	*Tecticornia* aff. *calyptrata* (CS)
8.7	8.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
9.4	10.4	1	*Tecticornia* aff. *calyptrata* (CS)
10.8	10.9	0.1	*Tecticornia* aff. *calyptrata* (CS)
12.1	12.7	0.6	*Tecticornia* aff. *calyptrata* (CS)
13.9	14.6	0.7	*Tecticornia* aff. *calyptrata* (CS)
17	17.3	0.3	*Tecticornia* aff. *calyptrata* (CS)
18.1	18.6	0.5	*Tecticornia* aff. *calyptrata* (CS)
20.3	20.6	0.3	*Tecticornia* aff. *calyptrata* (CS)
21.1	21.2	0.1	*Tecticornia* aff. *calyptrata* (CS)
21.6	21.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
22.5	22.6	0.1	*Tecticornia* aff. *calyptrata* (CS)
23.4	23.5	0.1	*Tecticornia* aff. *calyptrata* (CS)
25.6	25.9	0.3	*Tecticornia* aff. *calyptrata* (CS)
27.2	27.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
29.9	30.6	0.7	*Tecticornia* aff. *calyptrata* (CS)
32	32.3	0.3	*Tecticornia* aff. *calyptrata* (CS)
32.4	32.5	0.1	*Tecticornia* aff. *calyptrata* (CS)
34.8	35.1	0.3	*Tecticornia* aff. *calyptrata* (CS)
36	36.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
37.2	37.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
38	38.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
39.5	39.8	0.3	*Tecticornia* aff. *calyptrata* (CS)
40.1	40.2	0.1	*Tecticornia* aff. *calyptrata* (CS)
40.8	41.1	0.3	*Tecticornia* aff. *calyptrata* (CS)
41.3	41.7	0.4	*Tecticornia* aff. *calyptrata* (CS)
44.5	44.8	0.3	*Tecticornia* aff. *calyptrata* (CS)
45.4	46.3	0.9	*Tecticornia* aff. *calyptrata* (CS)
47.3	47.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
50.8	51.1	0.3	*Tecticornia* aff. *calyptrata* (CS)
54.6	54.7	0.1	*Tecticornia* aff. *calyptrata* (CS)
56.1	57.4	1.3	*Tecticornia* aff. *calyptrata* (CS)
59	59.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
61.2	61.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
62.7	63.1	0.4	*Tecticornia* aff. *calyptrata* (CS)
64.4	64.5	0.1	*Tecticornia* aff. *calyptrata* (CS)
65.2	65.6	0.4	*Tecticornia* aff. *calyptrata* (CS)
67.2	68	0.8	*Tecticornia* aff. *calyptrata* (CS)
68.4	68.6	0.2	*Tecticornia* aff. *calyptrata* (CS)
69.3	69.9	0.6	*Tecticornia* aff. *calyptrata* (CS)
70.5	70.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
72.3	72.7	0.4	*Tecticornia* aff. *calyptrata* (CS)
73.8	74.4	0.6	*Tecticornia* aff. *calyptrata* (CS)
75.3	75.9	0.6	*Tecticornia* aff. *calyptrata* (CS)
78.9	79.8	0.9	*Tecticornia* aff. *calyptrata* (CS)
80.2	80.8	0.6	*Tecticornia* aff. *calyptrata* (CS)
82	83.2	1.2	*Tecticornia* aff. *calyptrata* (CS)
83.4	84	0.6	*Tecticornia* aff. *calyptrata* (CS)
84.6	85.1	0.5	*Tecticornia* aff. *calyptrata* (CS)
86.5	87	0.5	*Tecticornia* aff. *calyptrata* (CS)
90.3	91.2	0.9	*Tecticornia* aff. *calyptrata* (CS)
91.5	94.8	3.3	*Tecticornia* aff. *calyptrata* (CS)
95.4	96.8	1.4	*Tecticornia* aff. *calyptrata* (CS)
97.3	98.4	1.1	*Tecticornia* aff. *calyptrata* (CS)
99	100	1	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**31.7**	
% bare cover		**68.3**	

Perpendicular Transect 70m			
Start	**End**	**Distance covered along transect**	**Species**
0	1.3	1.3	*Tecticornia* aff. *calyptrata* (CS)
1.6	1.8	0.2	*Tecticornia* aff. *calyptrata* (CS)
2.2	2.7	0.5	*Tecticornia* aff. *calyptrata* (CS)
3	3.4	0.4	*Tecticornia* aff. *calyptrata* (CS)
3.7	3.8	0.1	*Tecticornia* aff. *calyptrata* (CS)
4.5	5.3	0.8	*Tecticornia* aff. *calyptrata* (CS)
5.6	7	1.4	*Tecticornia* aff. *calyptrata* (CS)
7.5	7.7	0.2	*Tecticornia* aff. *calyptrata* (CS)
11	11.2	0.2	*Tecticornia* aff. *calyptrata* (CS)
12.3	12.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
17.7	20	2.3	*Tecticornia* aff. *calyptrata* (CS)
29.4	30	0.6	*Tecticornia* aff. *calyptrata* (CS)
30.4	31.9	1.5	*Tecticornia* aff. *calyptrata* (CS)
32.9	33.3	0.4	*Tecticornia* aff. *calyptrata* (CS)
49.2	49.5	0.3	*Tecticornia* aff. *calyptrata* (CS)
51.9	52.4	0.5	*Tecticornia* aff. *calyptrata* (CS)
54.2	54.3	0.1	*Tecticornia* aff. *calyptrata* (CS)
55.9	56.5	0.6	*Tecticornia* aff. *calyptrata* (CS)
58	58.5	0.5	*Tecticornia* aff. *calyptrata* (CS)
59.8	60.1	0.3	*Tecticornia* aff. *calyptrata* (CS)
60.3	60.7	0.4	*Tecticornia* aff. *calyptrata* (CS)
65.4	65.6	0.2	*Tecticornia* aff. *calyptrata* (CS)
68.3	69.5	1.2	*Tecticornia* aff. *calyptrata* (CS)
68.9	69.6	0.7	*Tecticornia* aff. *calyptrata* (CS)
69.8	69.9	0.1	*Surreya diandra*
% veg cover		**21.3**	
% bare cover		**78.7**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia aff. *calyptrata* (CS)	78	70
Total	**78**	**70**

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	78
Plant abundance (100m)	60
Average % veg cover	26.5
Health Rating	3

TRANSECT 15

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
2.2	2.5	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
8	9.1	1.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
12.5	13.1	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
15	15.6	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
17	17.8	0.8	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
21.2	21.8	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
22.9	23.1	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.2	23.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
25.3	25.9	0.6	*Tecticornia* aff. *calyptrata* (CS)
26.4	27.1	0.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
27.2	27.7	0.5	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
29.1	29.5	0.4	*Tecticornia* aff. *calyptrata* (CS)
31.1	31.6	0.5	*Tecticornia* aff. *calyptrata* (CS)
32.3	33	0.7	*Tecticornia* aff. *calyptrata* (CS)
33.1	33.4	0.3	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
34	34.3	0.3	*Tecticornia* aff. *calyptrata* (CS)
34.6	34.7	0.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
35.8	36.2	0.4	*Tecticornia* aff. *calyptrata* (CS)
36.7	38	1.3	*Tecticornia* aff. *calyptrata* (CS)
39.8	40	0.2	*Tecticornia* aff. *calyptrata* (CS)
51.9	52.1	0.2	*Tecticornia* aff. *calyptrata* (CS)
53.3	53.6	0.3	*Tecticornia* aff. *calyptrata* (CS)
64.6	64.7	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.8	65	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
69.6	70	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
% veg cover		**11.8**	
% bare cover		**88.2**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
3.5	4.4	0.9	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
11.4	12.5	1.1	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
12.7	12.9	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
13.1	14.3	1.2	*Tecticornia* aff. *calyptrata* (CS)
14.7	15.2	0.5	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
15.4	15.7	0.3	*Tecticornia* aff. *calyptrata* (CS)
16.3	17.7	1.4	*Tecticornia* aff. *calyptrata* (CS)
19.6	20.1	0.5	*Tecticornia* aff. *calyptrata* (CS)
22	23	1	*Tecticornia* aff. *calyptrata* (CS)
25	25.5	0.5	*Tecticornia* aff. *calyptrata* (CS)
30	30.3	0.3	*Tecticornia* aff. *calyptrata* (CS)
31.5	32.3	0.8	*Tecticornia* aff. *calyptrata* (CS)
32.5	33.3	0.8	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
39	40.2	1.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
42	43.2	1.2	*Tecticornia* aff. *calyptrata* (CS)
46.4	47.5	1.1	*Tecticornia* aff. *calyptrata* (CS)
49.3	49.4	0.1	*Tecticornia* aff. *calyptrata* (CS)
50.4	51	0.6	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
53.3	54	0.7	*Tecticornia* aff. *calyptrata* (CS)
54.5	56.1	1.6	*Tecticornia* aff. *calyptrata* (CS)
61.1	61.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
62.8	63.4	0.6	*Tecticornia* aff. *calyptrata* (CS)
65.1	65.5	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
65.5	65.9	0.4	*Tecticornia* aff. *calyptrata* (CS)
67.1	67.5	0.4	*Tecticornia* aff. *calyptrata* (CS)
67.7	67.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
68.8	69.2	0.4	*Tecticornia* aff. *calyptrata* (CS)
69.4	69.8	0.4	*Tecticornia* aff. *calyptrata* (CS)
70.2	72.1	1.9	*Tecticornia* aff. *calyptrata* (CS)
72.5	73	0.5	*Tecticornia* aff. *calyptrata* (CS)
73.5	75.1	1.6	*Tecticornia* aff. *calyptrata* (CS)
75.6	76.9	1.3	*Tecticornia* aff. *calyptrata* (CS)
77.8	78	0.2	*Tecticornia* aff. *calyptrata* (CS)
78.8	80.3	1.5	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
81.4	82	0.6	*Tecticornia* aff. *calyptrata* (CS)
82.5	83.6	1.1	*Tecticornia* aff. *calyptrata* (CS)
86.1	88.8	2.7	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
89.4	89.7	0.3	*Tecticornia* aff. *calyptrata* (CS)
91.3	92.1	0.8	*Tecticornia* aff. *calyptrata* (CS)
92.6	93.4	0.8	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
94.3	100	5.7	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**38.1**	
% bare cover		**61.9**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)	37	40
Tecticornia aff. *calyptrata* (CS)	6	5
Total	**43**	**45**

Summary	
Species Diversity (10m²)	2
Species Density (10m²)	43
Plant abundance (100m)	25
Average % veg cover	25.0
Health Rating	2

TRANSECT 16

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	***Species***
1.6	1.7	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
2.4	2.5	0.1	*Tecticornia* aff. *calyptrata* (CS)
2.7	2.9	0.2	*Tecticornia* aff. *calyptrata* (CS)
3.3	4.3	1	*Tecticornia* aff. *calyptrata* (CS)
4.3	4.5	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
6.3	6.7	0.4	*Tecticornia* aff. *calyptrata* (CS)
9.8	10.1	0.3	*Tecticornia* aff. *calyptrata* (CS)
10.8	11.1	0.3	*Tecticornia* aff. *calyptrata* (CS)
12.1	12.4	0.3	*Tecticornia* aff. *calyptrata* (CS)
13.6	13.7	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
13.9	14.3	0.4	*Tecticornia* aff. *calyptrata* (CS)
16.4	17.2	0.8	*Tecticornia* aff. *calyptrata* (CS)
17.4	17.5	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.3	18.6	0.3	*Tecticornia* aff. *calyptrata* (CS)
19.2	19.4	0.2	*Tecticornia* aff. *calyptrata* (CS)
20.1	21	0.9	*Tecticornia* aff. *calyptrata* (CS)
22.3	23.1	0.8	*Tecticornia* aff. *calyptrata* (CS)
30.9	31	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.4	62.6	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
80.5	81.1	0.6	*Tecticornia* aff. *calyptrata* (CS)
81.3	82.8	1.5	*Tecticornia* aff. *calyptrata* (CS)
83.3	83.6	0.3	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**9.2**	
% bare cover		**90.8**	

Perpendicular Transect 10m			
Start	**End**	**Distance covered along transect**	**Species**
2.4	3	0.6	*Tecticornia* aff. *calyptrata* (CS)
4.2	4.7	0.5	*Tecticornia* aff. *calyptrata* (CS)
5.3	6.2	0.9	*Tecticornia* aff. *calyptrata* (CS)
7.3	7.7	0.4	*Tecticornia* aff. *calyptrata* (CS)
% veg cover		**24**	
% bare cover		**76**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia aff. *calyptrata* (CS)	90	40
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	24	5
Abutilon otocarpum	2	1
Scaevola collaris	21	1
Maireana luehmannii	1	0.1
Total	**138**	**47.1**

Summary	
Species Diversity (10m²)	5
Species Density (10m²)	138
Plant abundance (100m)	22
Average % veg cover	16.6
Health Rating	3

TRANSECT 17

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
6.9	7.2	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
27.6	28	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34	34.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
37.2	38.4	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
63.3	64.2	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
66.1	66.6	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
70.6	71.2	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
74	74.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
75.7	76.3	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
80.5	81	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
86	86.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**6.7**	
% bare cover		**93.3**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
3.5	3.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
19.8	20.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21.6	22	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
26.5	26.6	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
27.4	27.8	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33.4	34.2	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
37.8	38	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
39.2	40	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
41.8	42.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
44.8	45.4	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
53.8	54.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
55.8	56.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
57.9	58.5	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
60.8	60.9	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
64.8	65	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
67.1	67.4	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
72	72.2	0.2	*Frankenia cinerea*
72.2	72.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78.8	79.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
86	86.2	0.2	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
86.5	86.8	0.3	*Tecticornia auriculata*
92.7	93.2	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
93.2	93.4	0.2	*Frankenia cinerea*
94.9	95.4	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
97.5	97.7	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**8.9**	
% bare cover		**91.1**	

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	23	10
Total	**23**	**10**

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	23
Plant abundance (100m)	11
Average % veg cover	7.8
Health Rating	3

TRANSECT 18

Parallel Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
1	1.6	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
7.6	8.4	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
21.6	21.8	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
28.1	28.6	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
31.5	31.8	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
33.5	33.9	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34.8	35.7	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
59.8	60.1	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
68	68.3	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
78.7	79.1	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
89.2	89.5	0.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
91.3	91.9	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
% veg cover		**5.6**	
% bare cover		**94.4**	

Perpendicular Transect 100m			
Start	**End**	**Distance covered along transect**	**Species**
3.2	4	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
5.2	6.1	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
8.8	9.4	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
9.8	10.8	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
10.8	11.2	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
14.2	15	0.8	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
15.3	17.4	2.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
18.6	19.8	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
20.7	21.3	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
23.7	24.6	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
27.2	27.4	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
27.7	29	1.3	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
29.8	30.8	1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
32.1	32.5	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
34.6	35.8	1.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
36.1	37	0.9	*Tecticornia* aff. *calyptrata* (CS)
40	40.4	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
43	43.5	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
44.6	44.7	0.1	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
48.6	49.1	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
49.3	49.9	0.6	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
50.2	50.6	0.4	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
68	68.9	0.9	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
69	69.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62	62.2	0.2	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
62.2	62.5	0.3	*Surreya diandra*
62.5	63	0.5	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
65	65.2	0.2	*Frankenia cinerea*
67.4	67.8	0.4	*Tecticornia* sp. nov A (unrecognised taxon, K.A. Shepherd 867) (CS)
67.8	68.5	0.7	*Tecticornia* sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)
70.7	71.6	0.9	*Surreya diandra*
73.5	74	0.5	*Surreya diandra*
74	74.4	0.4	*Frankenia cinerea*
75	75.3	0.3	*Surreya diandra*
81.2	81.3	0.1	*Atriplex vesicaria*
81.3	81.9	0.6	*Tecticornia* aff. *calyptrata* (CS)
86	86.3	0.3	*Surreya diandra*
87.1	87.5	0.4	*Frankenia cinerea*
88.9	89.1	0.2	*Frankenia cinerea*
% veg cover		**23.9**	
% bare cover		**76.1**	

Summary	
Species Diversity (10m²)	1
Species Density (10m²)	64
Plant abundance (100m)	12
Average % veg cover	14.75
Health Rating	4

10m² Quadrat		
Species	**No. of plants**	**plant % cover**
Tecticornia sp. Sunshine Lake (K.A. Shepherd et al KS 867) (P3)	64	55
Total	**64**	**55**