

Department of Environment and Natural Resources

Murraylands Region



Regional Species Conservation Assessment Project

Phase 1: Regional Species Status Assessments July 2010



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Cover Photographs: Species occurring within the Murraylands Region (left): *Brachyscome* spp., Brolgas, Malleefowl, *Thelymitra* spp., *Thysanotus* spp., Magpie, Eastern Bearded Dragon, *Daviesia brevifolia*, *Geranium retrorsum*, Australian Bustard, *Helichrysum* spp., Echidna, Singing Honeyeater, Sleepy Lizard, White-necked Heron, *Ptilotus* spp., Congolli, *Hakea* spp. – all photos: Sharon Gillam, except Congolli: source: www.waterwatchadelaide.net.au . Landscape (right): Murray River National Park – photo: Bill Doyle.

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Executive Summary

The Regional Species Conservation Assessment Project, Phase 1 was conducted for the DENR Murraylands Region between October 2009 and May 2010.

The assessment process was completed, using:

- quantitative data obtained from the DENR Biological Database of SA, and
- qualitative data and information gathered from panels of experts during workshops.

Outcomes of the assessment process include:

- A conservation status and population trend assigned to all native fauna and flora species occurring within each IBRA subregion and IMCRA region within the defined project area, using IUCN categories and criteria;
- The assessment of 441 native vertebrate fauna; and
- 1448 native vascular plant species.

Assessments at the regional scale provide a range of valuable information, including:

- Documented regional benchmarks for area of occupancy, population size estimates and population trends on a species by species basis;
- Identification of significant knowledge gaps where data are limited;
- A significantly improved basis for assessing conservation priorities and to address targets within *No Species Loss: A Nature Conservation Strategy for South Australia 2007 – 2017* and regional Natural Resource Management Plans, that focus on assessing the status of biodiversity at the regional level.

The project facilitates a systematic and standardised approach to the setting of conservation and recovery targets within any region. Conducting detailed status assessments at the regional level will:

- Enhance ownership, awareness and clarity with regard to regional priority setting for threatened species;
- Result in better decision making capacity when conducting state-wide status reviews (region-up approach);
- Result in an improvement in the quality (through record validation) and quantity (through inclusion of significant old/new data) of records within the biological databases of SA.;
- Vastly improve DENR's capacity to effectively deliver the *No Species Loss* strategy at a state level; and
- Provide a benchmark against which the success of future management strategies (and the impacts of trends such as climate change) can be evaluated.

Across the Murraylands Region, 21.5% (22% fauna, 21% flora) of all species were considered threatened (that is, Vulnerable, Endangered or Critically Endangered). If species classed as "Rare" and "Near Threatened" are included in the analysis, then the percentage of "species at risk" rises to 69.5% (63% fauna, 76% flora). An examination of the spatial distribution of threatened species indicated the existence of "threatened species hotspots". The River Murray presents as an obvious area of significance within the project area. Of particular importance are the floodplains and wetlands, providing vital habitat for waterbirds and freshwater fish, as well as a whole range of other fauna and flora species. Threatened species in these habitats are, however, subject to the ecological health of these systems. Extreme drought conditions and over-extraction of water present as considerable threats. Gluepot Reserve, in the South Olary Plain, also presents as an important area. This is part of an extensive and largely intact mallee system north of the River (Riverland Biosphere Reserve) which supports significant numbers of species, especially birds, which have declined in other areas due to vegetation clearance and habitat degradation. Protected areas in the southern portion of the project area showing as 'hot spots' (e.g. Geegeela and Bangham Conservation Parks) provide refugia for a large number of threatened flora, particularly orchid species.

Whilst there are large segments of protected areas in the project area (e.g. Billiatt Wilderness Protected Area, Ngarkat Conservation Park, Riverland Biosphere Reserve, Murray River National Park), many threatened species hotspots also appear in areas where relatively small segments of remnant habitat remain, for example: conservation reserves on the River floodplain (Loch Luna, Maize Is), plus other parks scattered throughout the project area, including: Bakara, Swan Reach, Brookfield, Ferries McDonald, Carcuma, Bangham and Geegeela. Hotspot areas are often concentrated around council reserves, road reserves, DENR managed land, SA water reserves and Heritage Agreements. This highlights the need to safeguard those species remaining within the region's smaller remnant areas, and correlates with Goal 1 under the state's *No Species Loss Strategy* (DEH 2007), which is to maintain, improve and reconstruct habitats to prevent the further loss of species in South Australia.

1. Introduction

Biodiversity is continuing to decline across Australia, with calls for a much more targeted effort and strategic move towards determining cost effective approaches to biodiversity conservation (Brooks *et al.* 2004; Carter *et al.* 2000; Lindenmayer *et al.* 2002; Mace *et al.* 2006; Marsh *et al.* 2007). To address biodiversity decline, there is an urgent need for conservation programs and other national initiatives to focus on biodiversity priorities which are clearly defined, and at a regional scale.

In South Australia (SA), a Regional Species Conservation Assessment framework was developed in two phases, to contribute to the knowledge base and management of threatened species and ecological communities, designed to apply at a regional level. The aim was to provide a methodical and standardised approach to assessing and prioritising SA's native species to guide species conservation and recovery, in each of the seven Department of Environment and Natural Resources (DENR) regions and eight Natural Resource Management (NRM) regions across the state. The project's initial focus was in the DENR Northern and Yorke Region (refer to *Species Risk Assessment Pilot Project Phase 1 Report: Regional Species Conservation Assessments, Northern and Yorke Region*, (Gillam and Urban 2008), while this paper focuses on the phase 1 process applied in the DENR Murraylands Region.

In the first phase of the project, an accountable and repeatable Species Status Assessment process was employed to assign a conservation status (using IUCN 2001 Categories and Criteria) and population trend to all native flora and fauna at a regional level. The process was based on both quantitative and qualitative material, making use of the best available science and information, and the expertise and knowledge of skilled and competent persons in various specialist fields. This phase of the project contributes to the development of an ecological information system to establish baseline biodiversity benchmarks.

The second phase of the project has developed a process whereby species are prioritised according to a range of criteria identified by a panel of experts, building on the information obtained from phase one. Criteria for the prioritisation of species include (i) probability of extinction (determined by status ratings), (ii) consequences of extinction (ecological values, evolutionary values, social values, taxonomic uniqueness), and (iii) potential for successful recovery (knowledge of threatening processes, capacity to affect recovery, need for ongoing management). The aim is to identify a priority list of species and any ecological communities requiring targeted conservation management. Refer to *A Regional Species Conservation Assessment Process for South Australia - Phase 2 Report: Species Prioritisation* (Gillam 2009).

The outcome of the Regional Species Conservation Assessment project is a process to roll out phase 1 and 2 across other DENR Regions, and ultimately, the development of a *Regional Biodiversity Action Plan* for the strategic conservation of threatened species and ecological communities, in each DENR Region. A *Regional Biodiversity Action Plan* will aim to assist in improving the quality, efficiency and effectiveness of the regional management of threatened species, by providing detailed actions and priorities, and making better use of limited resources.

The project commenced in August 2007, with phase 1 and 2 completed for the both the Northern & Yorke and West Regions by May 2010, and phase 1 for the Murraylands Region completed in May 2010. The project is proposed to continue into 2011, with phase two for the Murraylands beginning in the latter half of 2010. Phase one will also commence for the DENR South East Region during this time.

This project makes a major contribution to the objectives under the South Australian Government initiative: *No Species Loss: A Nature Conservation Strategy for South Australia 2007 – 2017*, and is aligned with biodiversity targets in regional Natural Resource Management Plans. In particular, the results of regional species assessments will be crucial to the assessment of the SA Murray Darling Basin Regional NRM Plan (2009) long-term resource condition targets (RCT):

- RCT B1: “Native ecosystem extent increased to 53% of the Region and native ecosystem condition improved across the Region by 10% by 2030”; and
- RCT B3: “No species or ecosystem moves to a higher risk category and 50% of species move to a lower risk category by 2030”.

This report provides details of the methodology used, data limitations and summarised results of the assessment process. Appendices provide supplementary information to the assessment process and further analyses of results, plus complete lists of species with status ratings and trends for the overall Murraylands Region and individual IBRA subregions within the project area.

2. Methodology

2.1 Project Area

The project area was defined by the Interim Biogeographical Regionalisation for Australia (IBRA) V6.2 subregions that fell within or across the DENR Murraylands Regional boundary (Fig. 1). This includes the Riverland and Murraylands of SA, and covers a wide range of habitats and ecosystems. The study area encompassed portions of three NRM Regions, covering most of the SA Murray Darling Basin NRM, part of the South East NRM, and a very small section of the SA Arid Lands NRM (Fig. 1).

The IBRA system represents a landscape based approach to classifying the land surface of Australia, using a range of environmental variables, and divides the Australian continent into 85 bioregions, which are further divided into 403 sub-regions. The bioregions and sub-regions are the reporting units for assessing the status of native ecosystems and their protection, and for use in the framework of NRM monitoring and evaluation. The IBRA system is used by nature conservation agencies Australia-wide.

For the purpose of conservation of biodiversity, the IBRA subregion boundaries, which are based on geology, lithology, landforms, climate and vegetation type, were chosen as the regional assessment boundaries as they were considered to be more ecologically meaningful and ‘stable’ than the regularly shifting and political/administrative boundaries represented by DENR and NRM regions. The use of IBRA subregions allowed the assessment of all currently identified flora and fauna within the broader area of the Murraylands Region, to be made at a relatively fine scale.

There were four IBRA subregions in the project area: the South Olary Plain, Murray Scroll Belt, Murray Mallee and Lowan Mallee, covering a total of 51,397 km² (Fig. 1, Table 1). The project area’s IBRA subregions were bounded in the east by the Victorian and New South Wales borders, from just above Naracoorte in the South East to 25km north of Danggali Conservation Park (CP) on the South Olary Plain; outlined by the low hills and ranges of the Olary Spur to the north and north-west and following the plains south to Morgan; the western edge encompassed the area west of the River Murray from just above Robertstown, along the eastern edge of the Mount Lofty Ranges down to Finniss on the western edge of Lake Alexandrina; with the southern boundary extending around Lake Alexandrina, south-eastwards inside of the towns of Coonalpyn, Keith and Padthaway, to the Victorian border (see Fig. 1).

The South Olary Plain IBRA subregion is an arid, pastoral region of low rainfall extending north of the Murray River, featuring chenopod shrubland, mallee and woodland vegetation. The Murray Scroll Belt primarily covers the Murray River and floodplain between the Victorian border and Morgan, and includes a complex pattern of anabranches and billabongs. The Murray Mallee includes most of the region’s agricultural area, consisting primarily of low rainfall shrubland and mallee communities, bordered by the woodland and grassy woodland communities of the Eastern Mount Lofty Ranges. The Lowan Mallee subregion is split into three sections (Fig. 1, Table 1), and includes dry heathland, mallee, and heathy woodland communities (Kahrimanis *et al.* 2001). Large reserve areas within the project area include the Riverland Biosphere Reserve, containing Danggali CP, Chowilla Regional Reserve, Gluepot, Calperum and Taylorville, in the South Olary Plain subregion; and Ngarkat CP and Billiatt

Wilderness Protection Area (WPA) in the Lowan Mallee subregion. See Appendix 1 for a landscape description of each IBRA subregion.

2.2 Data preparation

The project included all species in the project area listed in the DENR Biological Database of South Australia (BDBSA), plus any extra datasets that were available and important to include. BDBSA is comprised of a range of databases, including: data collected at native vegetation and vertebrate survey sites in SA, using the Biological Survey of SA methodology; records of opportune individual species sightings; Reserves data, which consists of historic flora species lists where the spatial location is usually a centroid for the block or Reserve; and

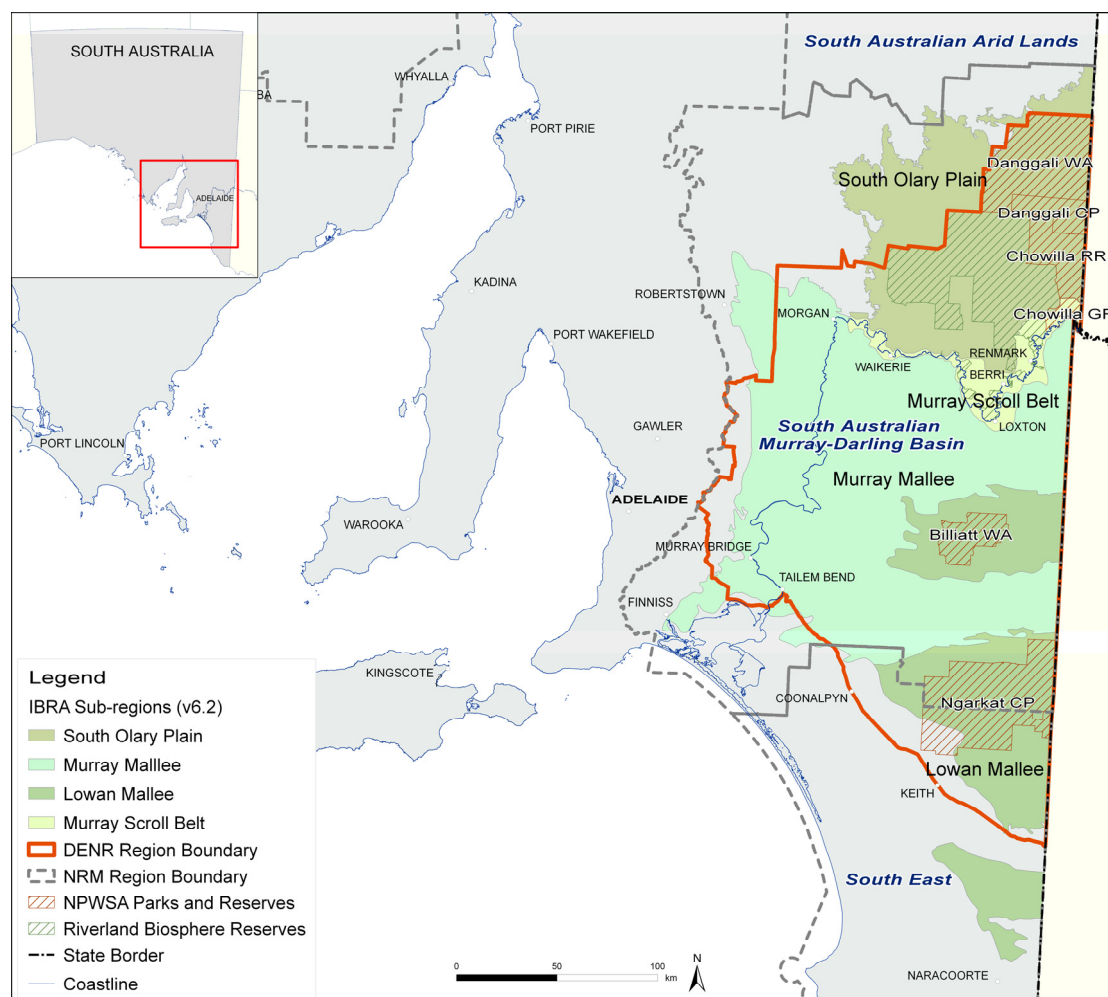


Fig. 1. Map showing location of IBRA subregions within the project area. The Murraylands DENR and NRM regional boundaries are also shown.

Table 1. IBRA subregion areas in km², within the Murraylands Region project area.

#	IBRA Subregion	No. Sections in Subregion	Area km ²
1	South Olary Plain	1	18,877
2	Murray Scroll Belt	1	21,088
3	Murray Mallee	1	9,695
4	Lowan Mallee	3	1,738
Total			51,397

Plant Populations data. External datasets are also incorporated into BDBSA, with key sources including Birds Australia (SA records 1996-2002); Birds SA (SA Ornithological Association, up to Sept 2007); Australian Waders Study Group (up to 2005); SA Museum (Herpetology up to Aug 2004, Birds up to May 2005, Mammals up to Jun 2008); State Herbarium (ADHERB, up to Sept 2004); and others.

The project encompassed all known native terrestrial vascular flora and vertebrate fauna, including those listed under the *Environmental Protection & Biodiversity Conservation (EPBC) Act 1999* and *National Parks & Wildlife (NPW) Act 1972*. All data occurring within the IBRA subregions of the project area for fauna were extracted in November 2009, and data for flora extracted in January 2010. An extra dataset not at the time included in the BDBSA that was appended includes freshwater fish data sourced from Michael Hammer.

The final data collated from BDBSA incorporated filters to remove unreliable records including species with database reliability codes not equal to Y (reliable), A (accepted), P (presumed) or 1 (vouchered), 2 (ID by herbarium staff or taxonomist), 3 (ID by experienced field botanist), 4 (unconfirmed field sighting) (flora) or 5 (correct ID doubtful), and Y (reliable) (fauna); sub-fossil records (fauna); records where taxonomy was not current (flora and fauna); and records with a spatial reliability greater than 25km (flora and fauna). Non-indigenous species and any species identified only to genus level, as well as hybrids and complexes, were also removed.

The flora and fauna lists were then manually checked, and any apparent introduced or vagrant species were also removed. For the final fauna (487 spp.) and flora (1597 spp.) lists, there were over 220,000 fauna records and over 73,000 flora records. Fauna were then divided into six groups: Mammals (minus bats); Reptiles & Amphibians; Land Birds; Water Birds; Freshwater Fish; and Bats. Flora were divided into significant groups and then forms, which included: Acacias; Grasses; Orchids; Chenopods; Daisies; Myrtles; Eucalypts; Sedges; Legumes (pea flowers); Aquatic; Trees; Vines; Ferns; Herbs & Forbs; and Shrubs. This aided in selecting panels of experts on various species for workshops.

Spreadsheets were developed for both fauna and flora, incorporating a range of data extracted from BDBSA. Further fields were created to allow for the capture of specific information during workshops.

A distribution map was produced for each species, showing the geographic range of the species within each IBRA subregion in the project area, including the distribution in areas adjacent to the project area, within the map extent. Records were shown in three temporal groups: Recent (1990 – 2009); Historic (1960 – 1989); and Pre 1960 (all records prior to 1960), to assist in identifying possible trends. In addition, all flora maps showed the records as either BDBSA records or Herbarium SA records, easily distinguishing biological survey and opportune (sighting) records from records with vouchered herbarium specimens. See Appendix 2 for an example.

Using IUCN methodology, the extent of occurrence (EO) of a species was defined as the area contained within the shortest continuous imaginary boundary which can be drawn to include all known, inferred or projected sites of present occurrence of a species. The EO was calculated using 10km squared grid squares laid over the project area, using *ESRI GIS ArcView V9.3.1* software. Similarly, the area of occupancy (AO) of a species was defined as the area within its Extent of Occurrence which is occupied by a species (IUCN 2001). The AO was calculated using 1km squared grid squares.

Both the EO and AO were calculated to aid in allocating status in the assessment process. However, in many cases the size of the grids used to estimate the EO and AO, particularly EO, tended to overestimate species' areas of extent/occurrence, keeping in mind the scale of the IBRA subregions. This data has been retained for future reference, but the EO data was not included in the final data sheets.

2.3 Assessment criteria

The World Conservation Union (IUCN 2001, 2003) categories and criteria were applied to assess the risk of extinction. The IUCN (2001) categories and criteria were initially used to assign a preliminary rating to each species occurring within each subregion, followed by the use of further IUCN Guidelines (2003), to make adjustments for regional populations. The main changes to this methodology were the inclusion of the category Regionally Extinct, and the consideration of conspecific populations outside of the region which may affect the regional extinction risk, and hence influence the final rating. This ruling was particularly applicable to bird populations within the project area, and also several mammal species (e.g. bats and rodents). Refer to *Guidelines for Application of IUCN Red List Criteria at Regional Levels* (2003).

The category of 'Rare', used in SA under the NPW Act 1972, was added so that small and scattered populations could be recognised, i.e. those that did not fit the risk associated with species listed as Vulnerable, but were more at risk than the Near Threatened category. Tables 2a and 2b show the status categories and trends used in the assessments, including the abbreviations/symbols commonly used and the weighted scores used later in the analysis of results. Appendix 3a lists the criteria for the threatened categories (CR, EN, VU) plus Rare, and Appendix 3b gives an outline of each category. The category of Data Deficient was used for status and/or trend if experts did not feel there was enough information and/or knowledge to rate a species. Not Evaluated (NE) was assigned to flora that were not rated due to taxonomic issues.

A trend category was allocated to each species occurring within each IBRA subregion, based on expert knowledge of the species' current population trend. That is, whether the panel believed the species to be declining (probable or definite), stable, or increasing (probable or definite), at this time.

Table 2 a). Status categories and abbreviations used in assessments. Status score was later used in analysis.

Abbreviation	Status Category	Score
RE	Regionally Extinct	7
CR	Critically Endangered	6
EN	Endangered	5
VU	Vulnerable	4
RA	Rare	3
NT	Near Threatened	2
LC	Least Concern	1
DD	Data Deficient	0
NE	Not Evaluated	n/a

b). Trend categories and symbols used in assessments. Trend score was later used in analysis.

Symbol	Trend Category	Score
--	Definite Decline	0.5
-	Probable Decline	0.4
0	Stable/No Change	0.3
+	Probable Increase	0.2
++	Definite Increase	0.1
DD	Data Deficient	0

2.4 Consultation process

Through workshops, panels of experts were called upon to rate species according to their perceived risk of extinction, using IUCN categories and criteria, and to allocate a trend to species' populations. Panels were made up of persons known to have expertise in certain fields relating to flora and fauna, such as herpetology, ornithology, orchids, etc, including field naturalists, persons from specialist groups and staff from the South Australian Museum and Department of Environment and Natural Resources. Those with expert knowledge of the flora and fauna pertaining to the project area were particularly sought after.

During workshops, all native species occurring within each IBRA subregion were assessed against the criteria, and species were rated accordingly. All categories, criteria, trends and any relevant comments were recorded for each region, and later collated into the original spreadsheet. Species found to be vagrant, that is, a species found only occasionally with the boundaries of a region, and those deemed to be introduced species, were not assessed. Species were removed from the project area if the panels of experts found records of that species to be: vagrant in all subregions; introduced in all subregions; not occurring in the project area but mapped due to inaccurate location or identification, and/or highly doubtful (see Appendix 13). New species identified by the panel that had been formally published and were known to occur in the project area were included, as were accidentally omitted species. Records that were dubious, incorrectly identified, or found to be in the wrong location were flagged for further vetting, and if necessary, removed from the project data set. These records (873 flora and 111 fauna records), were listed and given to the relevant database personnel for validation/correction.

Twenty-eight experts were involved in the consultation process for fauna, and 23 experts for flora. Other people involved included those assisting with data capture and GIS support.

2.5 Data Analysis

A range of information may be extracted from the final datasets, whether it be per subregion, per species, per species group, etc., based on ratings and trends, depending on the information required.

All status ratings and trends allocated to species at a subregional level were given a weighted score in accordance with the level of threat, and then averaged across the entire DENR Murraylands region, to establish a broader rating and trend (Tables 2a and 2b). Scores were totalled across subregions per species, then divided by the number of subregions the species occurred in. Ratings of Regionally Extinct or Not Evaluated in a subregion were not counted, as were ratings and/or trends of Data Deficient not counted. All final scores were manually checked for discrepancies, and corrected. The only adjustments made were to scores with a .5 value – these were rounded down.

Scores given to trends were divided by 10 to produce a value of less than 1, so they could be added to regional status ratings, to establish groups with particular ratings and trends (Appendix 5). For example, all species classified as regionally Critically Endangered with a Definite Decline were given a score of 6.5 (i.e. $6+0.5=6.5$).

Existing information contained within the DENR GIS layer *Conservation: Protected Areas Statistics Analysis* allowed further extraction of data to analyse the percentage of species occurring within protected and unprotected areas. In this analysis, species were deemed relatively well protected if 15% or more records occurred in a protected area (Figures 2 and 3; Appendix 10a and 10b). Protected areas include all land under formal conservation agreements, which are: National Parks, Conservation Parks and Reserves, Recreation Parks and Reserves, Wilderness Areas, Vegetation Heritage Agreements and Indigenous Protected Areas. Sanctuaries and parts of the Riverland Biosphere Reserve (i.e. Gluepot, Calperum and Taylorville) were also included in this category, although not formally protected. As widespread land clearance occurred throughout SA before the implementation of the Native Vegetation Act 1991, only records from the 'Recent' time period (1990 – 2009) were used in this analysis, to better reflect the location of species today. Two fauna species and 22 flora

species without records plus four flora species not yet listed in BDBSA, were not included in this analysis. Twenty of the 26 flora species not analysed were orchids.

Threatened species richness was calculated, firstly by filtering out all Critically Endangered, Endangered and Vulnerable species' records. Using 1 km² grid cells over the project area, the number of individual threatened species (not records) within each grid cell was counted, from all BDBSA records. Using *ESRI GIS ArcInfo* software, the Spatial Analyst Extension 'Kernel Density' was employed to calculate the density of threatened species richness, which was then presented on maps in raster and contour form (Figures 4, 5 and 6).

3. Data limitations

A number of limitations to the data were identified during this phase of the project. Spatial inaccuracy of records was a large problem (particularly SA Herbarium and SA Museum records). The small scale of several IBRA subregions caused any spatially incorrect records occurring near the boundary of a subregion to often occur in an adjacent region, giving a false indication of occurrence of that particular species in the IBRA subregion. Whilst this was of little importance for common and/or wide-ranging species, it was significant for all other species, especially those occurring in and/or restricted to protected areas (e.g. Reserves or Heritage Agreements). As ratings were allocated to species occurring within each subregion, great care was taken to identify incorrectly located records, to avoid incorrectly rating species. That is, rating species that did not actually occur in a region, or, incorrectly rating species based on incorrect regional distributions. Whilst every effort was taken to identify incorrectly located records, particularly those occurring in the wrong region, it was not within the scope of the project to assess all records for their accuracy.

Thousands of records in BDBSA are recorded to genus level only and noted as 'sp.', particularly flora species, precluding these species/records from assessment, as the individual species was not known. Similarly, there are thousands of flora records listed as Non Current (NC) in BDBSA, which means that the taxonomy is not current, and that these species are in the process of being/or have since been renamed or split into subspecies, etc. These also, were not included in the assessment process, which meant a lot of renamed species/subspecies were lacking records, hence often not giving a complete picture of species distribution.

Numerous flora specimens (e.g. *Austrodanthonia* spp.) have not yet been databased; other records are out on loan to other Herbariums that have not yet been databased, and other datasets are known to exist from past projects, which were not (yet) made available to BDBSA (e.g. recent southern hairy-nosed wombat survey data). This lack of captured data under-represented the distribution and knowledge we have of certain species, and made the assessment of status and often trends, more difficult, or at times, not possible, with Data Deficient as the resultant evaluation.

Flora species in a state of taxonomic flux were recorded to have 'taxonomic issues', were not assessed, and given the status of Not Evaluated (NE).

All preliminary statistics were calculated on the location of records within subregions. These figures should only be used as an estimation of the occurrence and/or abundance of species within subregions during the assessment process, as many records were removed or moved, hence altering the initial calculations of number and percentage of species within each region.

It should also be stated that the data within BDBSA is largely a reflection of many biological and scientific surveys that have taken place over a considerable period of time, and hence records are biased towards areas where those surveys have occurred. This may not always give an accurate indication of the overall geographic distribution and/or abundance of a species, however, this issue was taken into consideration whilst evaluating species, through the knowledge and expert opinion of those attending the workshops.

4. Results

The Regional Species assessments saw the review of 487 fauna and 1597 flora species in the project area. Six fauna workshops were conducted and 15 workshops were held to assess flora (see Appendix 4a and 4b). Table 3 shows the number of species per group that were reviewed, assessed and removed, with a total of 441 native fauna species and 1448 native vascular plant species evaluated. The results will form a biodiversity baseline for the region from which to build future assessments, and also inform phase two of the project (see section 5.1). Whilst no conclusions have been drawn from the results in this report, it is envisaged that these results be incorporated into and discussed in a future *Regional Biodiversity Action Plan* for the Murraylands DENR Region.

Table 3. Number of species per group that were reviewed, assessed and removed, including totals.

Group		Reviewed	Removed	Assessed
Fauna	Birds (land)	218	22	196
	Birds (water)	79	12	67
	Mammals (exc. Bats)	33	4	29
	Bats	16	1	15
	Reptiles/Amphibians	110	6	104
	Freshwater Fish	31	1	30
	Total Fauna	487	46	441
Flora	Acacias	56	3	53
	Aquatic	35	2	33
	Chenopods	121	9	112
	Daisies	200	15	185
	Eucalypts	37	1	36
	Ferns	14	1	13
	Grasses	130	16	114
	Herbs & Forbs	319	34	286
	Legumes (pea flowers)	77	13	64
	Myrtles	27	4	23
	Orchids	121	13	108
	Sedges	124	8	116
	Shrubs	306	30	276
	Trees	16	0	16
	Vines	14	0	14
Total Flora	1597	149	1448	

4.1 Murraylands Region

Across the Murraylands Region, 21.5% (22% fauna, 21% flora) of all species were considered threatened (that is, Vulnerable, Endangered or Critically Endangered). If species classed as "Rare" and "Near Threatened" are included in the analysis, then the percentage of "species at risk" rises to 69.5% (63% fauna, 76% flora; Tables 4 and 6, Appendix 5). Up to 35% of all species (37% fauna, 33% flora) were believed to be in a state of decline (Tables 5 and 7, Appendix 5). Conversely, 33% of fauna and 20% of flora were rated as Least Concern (Tables 4 and 6), inferring that they were widespread and/or abundant, with half (50%) of fauna and almost half (46%) of flora considered to be Stable in terms of trend (Tables 5 and 7, Appendix 5). Refer to section 2.5 for methods used to derive these figures.

In the Data Deficient category, 2% (8) of fauna were not rated and 8% (34) were not given a trend, as there was insufficient knowledge of those species (Tables 4–5). Similarly, 2% (24) of flora species were not rated and 20% (277) of species were not allocated a trend (Tables 6–7). Data Deficient species should be targeted for further research and survey work. Two percent (23) of flora species were Not Evaluated due to current changes in taxonomy (Table 6).

Table 4. Number and percentage of fauna species per status category, All (shaded) and per Class, for the Murraylands Region

Overall Murraylands Regional Status	All Fauna		Mammals		Birds		Reptiles/ Amphibians		Freshwater Fish	
	Total	%	Total	%	Total	%	Total	%	Total	%
Regionally Extinct	6	1	3	7	0	0	0	0	3	10
Critically Endangered	39	9	1	2	26	10	0	0	12	40
Endangered	24	5	0	0	20	8	0	0	4	13
Vulnerable	37	8	4	9	24	9	4	4	5	17
Rare	88	20	9	20	64	24	15	14	0	0
Near Threatened	94	21	7	16	47	18	39	38	1	3
Least Concern	145	33	16	36	79	30	45	43	5	17
Data Deficient	8	2	4	9	3	1.1	1	1	0	0
Total species (incl. Extinct)	441	100	44	100	263	100	104	100	30	100
Total extant species	435	99	41	93	263	100	104	100	27	90

Table 5. Number and percentage of fauna species per trend category, All (shaded) and per Class, for the Murraylands Region

Overall Murraylands Regional Trend	All Fauna		Mammals		Birds		Reptiles/ Amphibians		Freshwater Fish	
	Total	%	Total	%	Total	%	Total	%	Total	%
Definite Decline	40	9	1	2	22	8	0	0	17	57
Probable Decline	124	28	8	18	99	38	14	13	3	10
Stable/No Change	221	50	18	41	108	41	89	86	6	20
Probable Increase	14	3	1	2	12	5	0	0	1	3
Definite Increase	2	0	0	0	2	1	0	0	0	0
Data Deficient	34	8	13	30	20	8	1	1	0	0
(Regionally Extinct)	6	1	3	7	0	0	0	0	3	10
Total species (incl. Extinct)	441	100	44	100	263	100	104	100	30	100

Table 6. Number and percentage of flora species per status category for the Murraylands Region

FLORA: Overall Murraylands Regional Status	Total	%
Regionally Extinct	18	1
Critically Endangered	19	1
Endangered	85	6
Vulnerable	201	14
Rare	451	31
Near Threatened	341	24
Least Concern	291	20
Data Deficient	19	1
Not Evaluated	23	2
Total species (incl. Extinct)	1448	100
Total extant species	1430	99

Table 7. Number and percentage of flora species per trend category for the Murraylands Region

FLORA: Overall Murraylands Regional Trend	Total	%
Definite Decline	44	3
Probable Decline	416	29
Stable/No Change	650	45
Probable Increase	24	2
Definite Increase	0	0
Data Deficient	274	19
(Not Evaluated)	23	2
(Regionally Extinct)	17	1
Total species (incl. Extinct)	1448	100

4.2 IBRA Subregions

Appendices 6–9 display the numbers and percentages of species per status rating and trend, per subregion. The Murray Mallee contained the highest percentage of threatened fauna (22%), followed by the Murray Scroll Belt (19%; Appendix 6). Declining fauna trends were highest in the Murray Mallee (46%) followed by Lowan Mallee (33%) and the Murray Scroll Belt (32%) (Appendix 7). Both the Murray Scroll Belt and the Murray Mallee showed the highest rate of fauna extinctions (2%) with 6 and 7 species, respectively (Appendix 6). These same subregions also showed the highest rate of flora extinctions (up to 2%), with 24 species extinct in the Murray Mallee and 9 species in the Murray Scroll Belt (Appendix 8).

IBRA subregions Murray Scroll Belt, Murray Mallee and Lowan Mallee all showed the highest percentages of threatened flora (18%, 18% and 19%, respectively), with South Olary Plain at 4% (Appendix 8). Again, the afore-mentioned three regions showed the highest percentage of declining flora species, ranging from 35% in the Scroll Belt to 23% in Lowan Mallee. South Olary Plain showed 10% of flora to be declining (Appendix 9).

For species rated as Least Concern, percentages for fauna were highest in South Olary Plain (54%) followed by Lowan Mallee (46%). Once again, these two subregions, showed the highest percentages for flora, with up to 69% as Least Concern in South Olary Plain and 51% in Lowan Mallee (Appendices 6 and 8). Percentages for trend considered to be Stable were comparatively high across all subregions for both fauna and flora, ranging from 37% in Murray Scroll Belt (flora) and Murray Mallee (fauna), to 69% in South Olary Plain (fauna; Appendices 7 and 9).

Data deficiency in status was relatively low, showing between 1 and 4% for both flora and fauna (Appendices 6 and 8). On the other hand, there was insufficient information to determine trend for between 13 – 18% of fauna species across the regions, and as high as 36% (South Olary Plain) for flora (Appendices 7 and 9). This suggests that further research, surveys and monitoring is required.

4.3 Species in protected and unprotected areas

Appendices 10a and 10b show the number of Murraylands regionally rated fauna and flora species per status rating in protected and unprotected areas, based on data records classified as 'Recent' (1990-2009). Species were deemed to be protected if 15% or more records fell within protected areas. To better represent the protected status of a species, frequency distributions of the percentage of all fauna records occurring within protected areas were calculated, and shown alongside the same for threatened (CR, EN, VU) and Rare species (Figures 2 and 3). Records that did not occur in protected areas were shown as 0%. This gave a better indication of how well protected species actually were.

Overall, a high percentage of all recent (1990-2009) fauna species records occur within the protected area network with varying degrees of protection: 86% (32 spp.) Mammals; 82% (212 spp.) Birds; and 89% (91 spp.) Reptiles and Amphibians (Fig. 2). Having made this observation, of the threatened and Rare species records, 17% (2 spp.) of Mammals, 33% (6 spp.) of Reptiles and Amphibians and 29% (38 spp.) of Birds occur outside of protected areas. Forty percent (10 spp.) of all recent (1990-2009) Freshwater Fish records occur within protected areas, while 74% of Freshwater Fish species classified as threatened and Rare (14 spp.) are afforded no protection at all (Fig. 2).

Similarly, the majority of all recent (1990-2009) flora species (82%, 1032 spp.) occur within the reserve system, as do 70% (455 spp.) of threatened or Rare flora species. Equally, 30% (178 spp.) of threatened and Rare species occur outside of this system (Fig. 3).

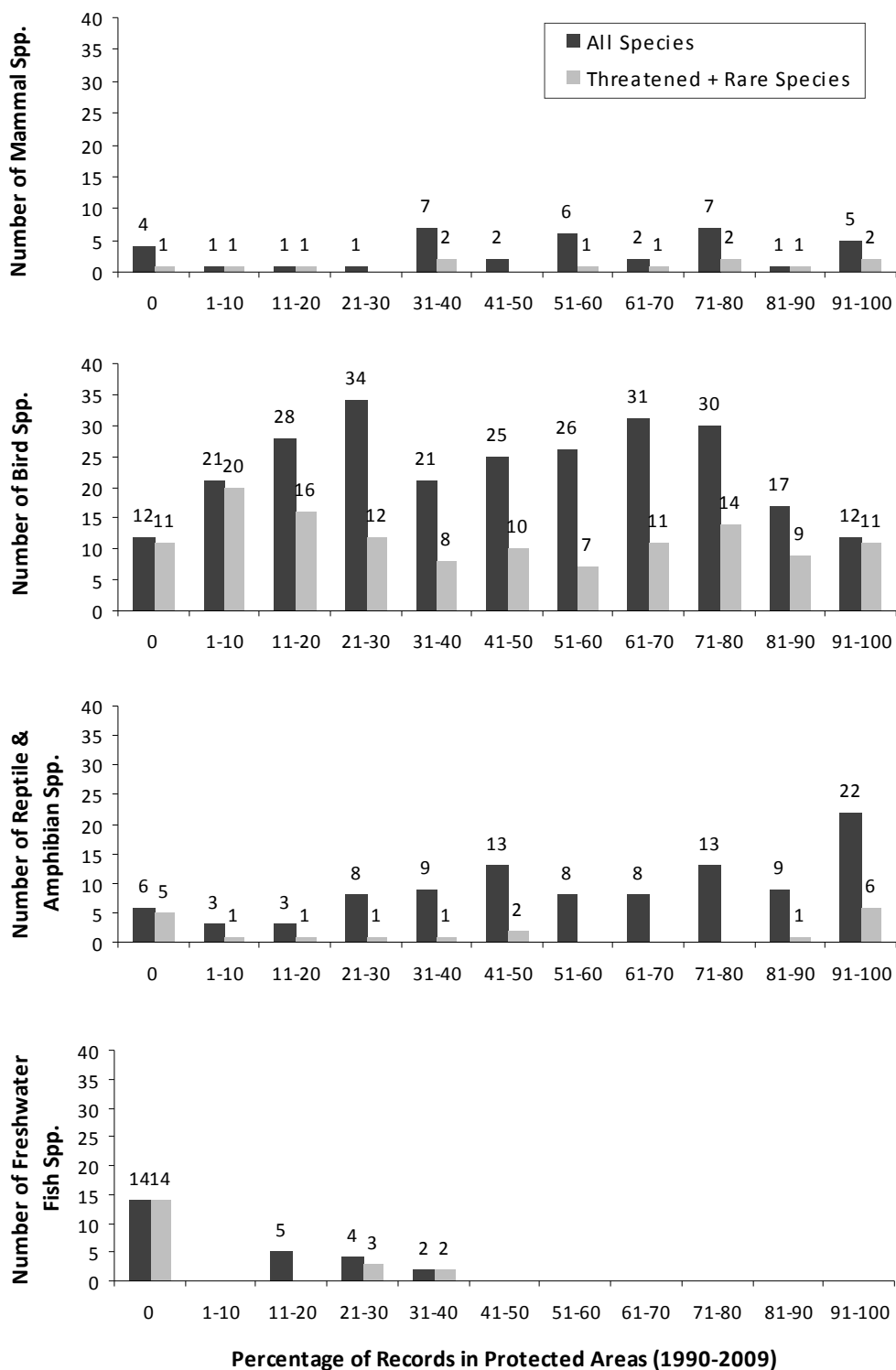


Fig. 2. Frequency distributions of the percentage of all fauna records (black bars) and threatened (VU, EN, CR) plus Rare fauna records (grey bars) from 1990 – 2009 occurring within protected areas, showing Mammals (37/12), Birds (257/129), Reptiles & Amphibians (102/18) and Freshwater Fish (25/19). Numbers in brackets denote number of species for all records/number of threatened and Rare records, from 1990-2009. Note that records of species in the zero % column do not occur in protected areas (i.e. 14 freshwater fish species' records occur in unprotected areas).

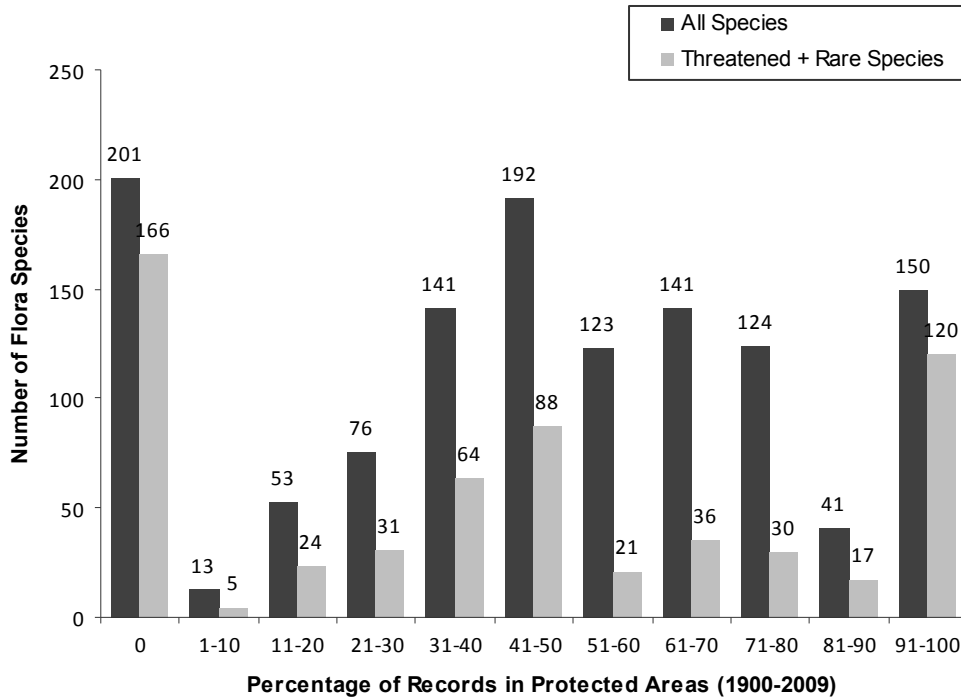


Fig. 3. Frequency distributions of the percentage of All Flora records (black bars) and Threatened (VU, EN, CR) plus Rare flora records (grey bars) from 1990 – 2009 occurring within protected areas, showing Flora (1255 / 602). Numbers in brackets denote number of species for all records / number of threatened and Rare records, from 1990-2009. Note that records of species in the zero % column do not occur in protected areas.

4.4 Threatened species richness

Species richness is the number of different species at a given site, habitat or defined geographic region (Burgman and Lindenmayer 1998). Species richness for all species in the project area classified as either regionally Critically Endangered, Endangered or Vulnerable, was mapped to show 'hotspots', or concentrations of threatened species (Figures 4, 5 and 6).

The richness of threatened species in the project area varies considerably within the range of ecosystems making up the IBRA subregions (see Appendix 1), with a general decrease in the number of threatened species in the calcreted plains and dunefields of the South Olary Plain, Murray Mallee and Lowan Mallee subregions that are not protected in reserves, or have been extensively cleared or grazed, shown as the whiter areas in Figures 4, 5 and 6. Areas showing high threatened fauna species richness include particular areas along the River Murray (Murray Mallee subregion) and flood plain, including Murray River National Park and Chowilla Game Reserve (Murray Scroll Belt subregion); followed by Gluepot Reserve in South Olary Plain; low-lying areas directly west and north of Lake Alexandrina (Murray Mallee subregion); Stockyard Plains on the north-central edge of the Murray Mallee subregion; and a series of small conservation parks, road reserves and heritage agreements in the lower section of the Lowan Mallee (Fig. 4). High threatened flora hot spots are once again centred largely along the River, especially on the Chowilla flood plain (Murray Scroll Belt); and also in the lower Lowan Mallee subregion (Fig. 5). Figure 6 shows the combined threatened fauna and flora species richness.

The River Murray presents as an obvious area of significance within the project area. Of particular importance are the floodplains and wetlands, providing vital habitat for waterbirds and freshwater fish, as well as a whole range of other fauna and flora species. Threatened species in these habitats are, however, subject to the ecological health of these systems. Extreme drought conditions and over-extraction of water present as considerable threats.

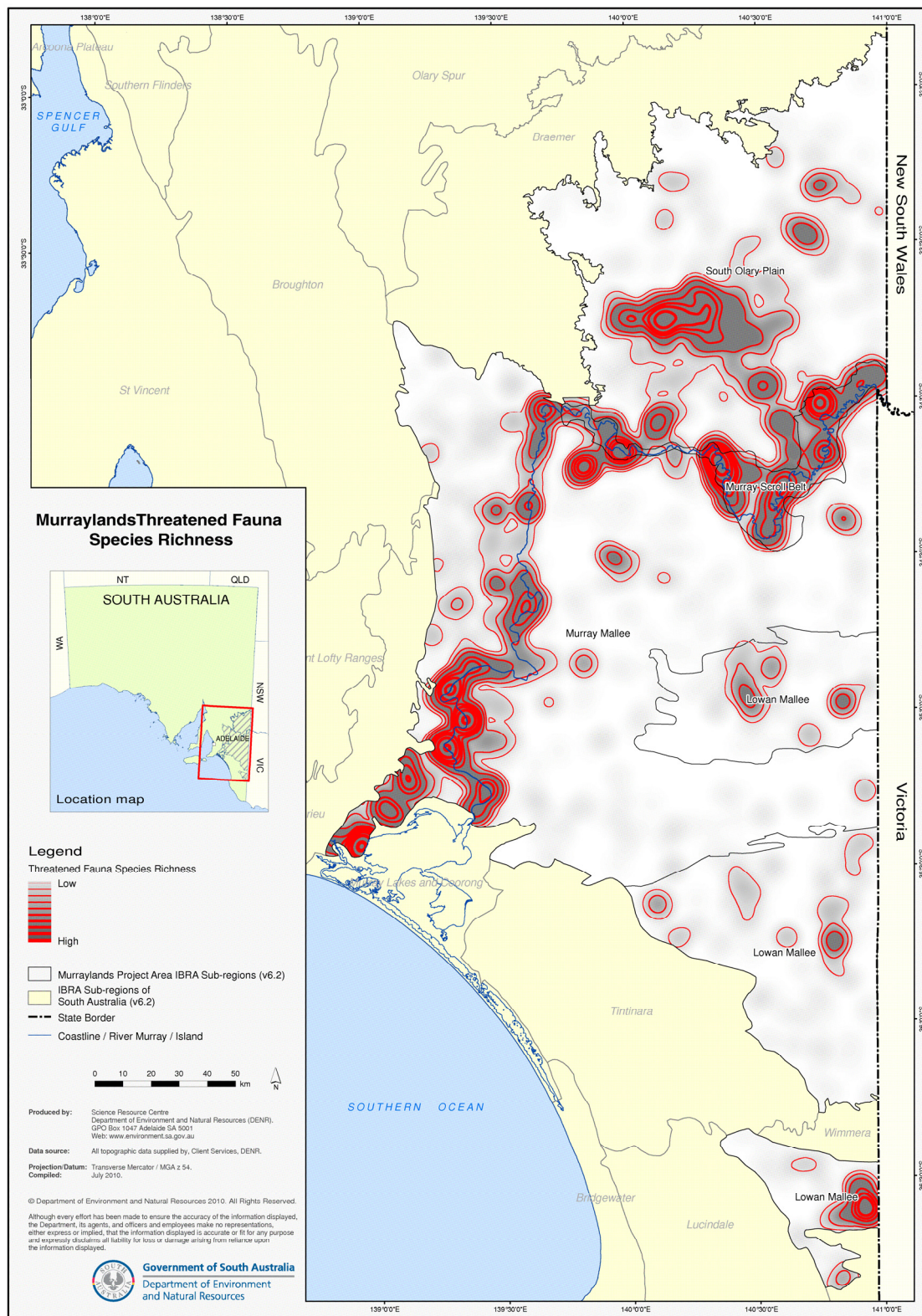


Fig. 4. Murraylands threatened fauna species richness. The number of Critically Endangered, Endangered and Vulnerable fauna species were calculated within 1km² grid cells over the project area, from all BDBSA records. Using *ESRI GIS ArcInfo* software, the Spatial Analyst Extension 'Kernel Density' was employed to calculate the density of threatened species richness, and presented in raster and contour form.

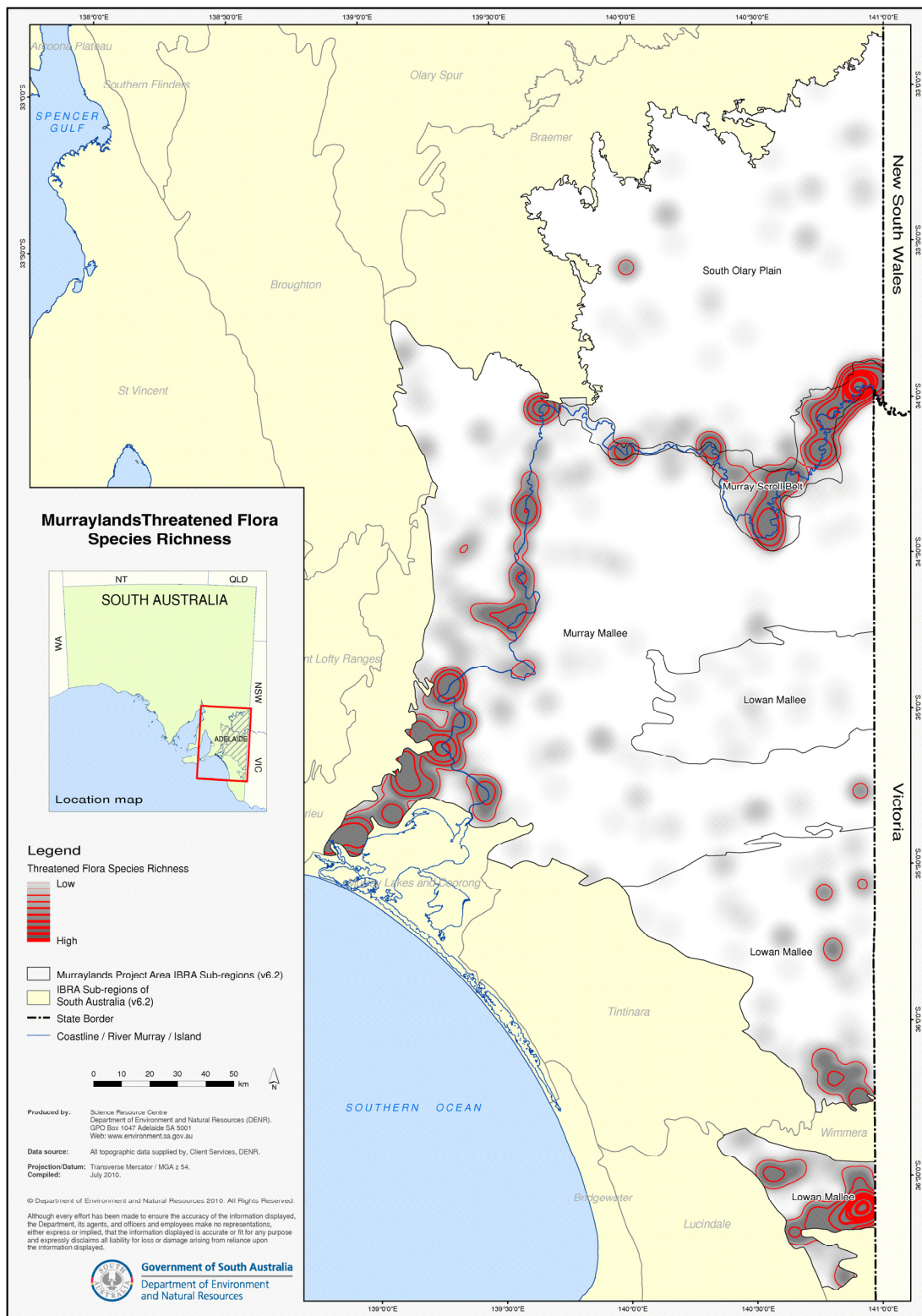


Fig. 5. Murraylands threatened flora species richness. The number of Critically Endangered, Endangered and Vulnerable flora species were calculated within 1km² grid cells over the project area, from all BDBSA records. Using *ESRI GIS ArcInfo* software, the Spatial Analyst Extension 'Kernel Density' was employed to calculate the density of threatened species richness, and presented in raster and contour form.

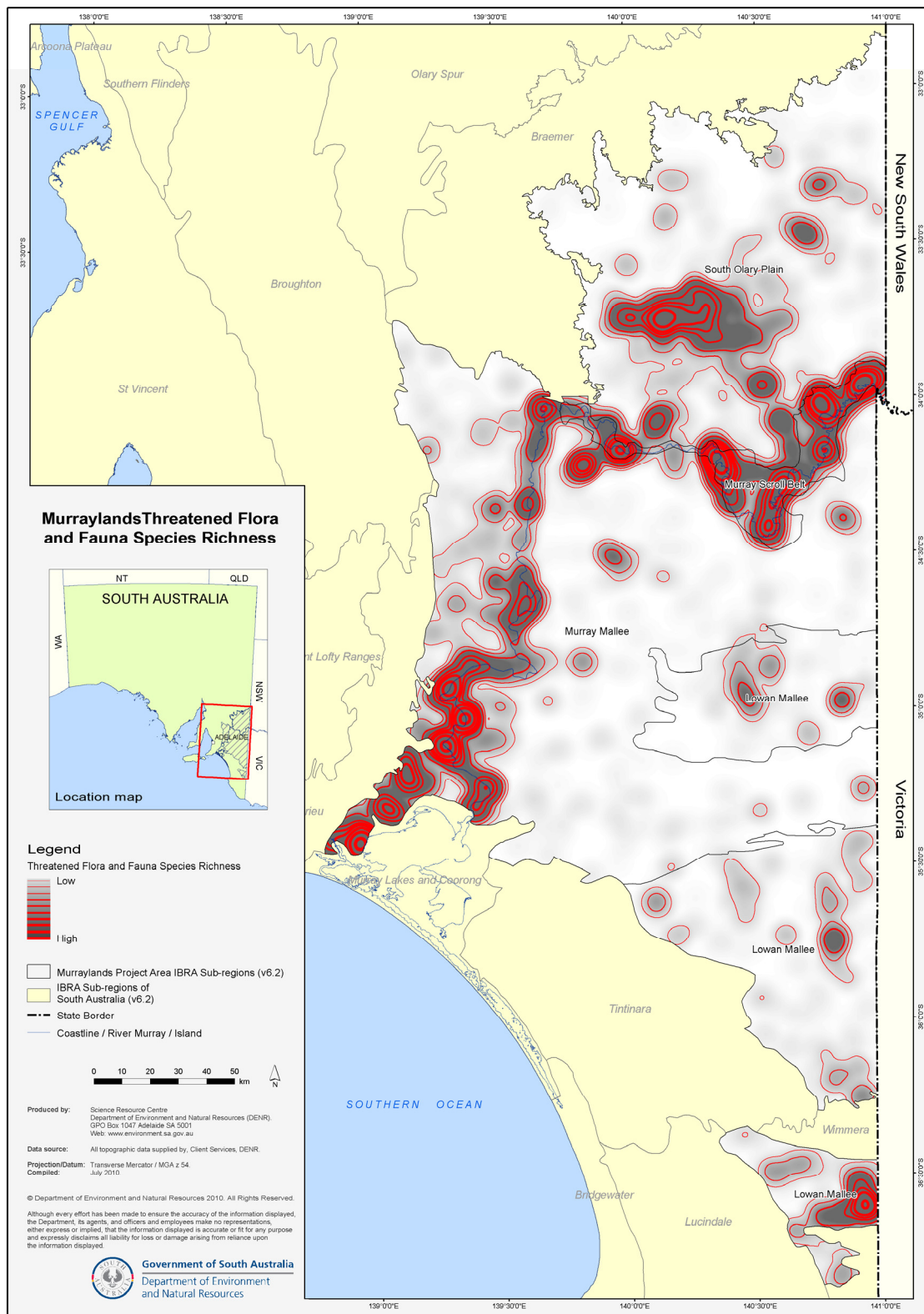


Fig. 6. Murraylands threatened species richness. The number of Critically Endangered, Endangered and Vulnerable fauna and flora species were calculated within 1km² grid cells over the project area, from all BDBSA records. Using *ESRI GIS ArcInfo* software, the Spatial Analyst Extension 'Kernel Density' was employed to calculate the density of threatened species richness, and presented in raster and contour form.

Gluepot Reserve, as stated above, also presents as an important area. This is part of an extensive and largely intact mallee system north of the River (Riverland Biosphere Reserve) which supports significant numbers of species, especially birds, which have declined in other areas due to vegetation clearance and habitat degradation. Protected areas in the lower Lowan Mallee showing as 'hot spots' (e.g. Geegeela and Bangham Conservation Parks) provide refugia for a large number of threatened flora, particularly orchid species.

The majority of the Murray Mallee IBRA subregion area has been cleared for agriculture, leaving only patches of remnant habitat. High levels of land clearance have placed many species at risk. Whilst there are large portions of protected areas in the project area (e.g. Billiatt WPA, Ngarkat CP, Riverland Biosphere Reserve, Murray River National Park), many threatened species hotspots also appear in areas where relatively small segments of remnant habitat remain, for example: conservation reserves on the River floodplain (Loch Luna, Maize Is), plus other parks scattered throughout the project area, including: Bakara, Swan Reach, Brookfield, Ferries McDonald, Carcuma, Bangham and Geegeela. Hotspot areas are often concentrated around council reserves, road reserves, DENR managed land, SA water reserves and Heritage Agreements. This highlights the need to safeguard those species remaining within the region's smaller remnant areas, and correlates with Goal 1 under the state's *No Species Loss Strategy* (DEH 2007), which is to maintain, improve and reconstruct habitats to prevent the further loss of species in South Australia.

4.5 Species lists

Complete lists of the assessed fauna and flora for the Murraylands region are incorporated in Appendices 11 and 12, which include the regional status rating and trend for each species, plus the status and trend in each subregion. Also included are the current *Environmental Protection & Biodiversity Conservation* (EPBC) Act 1999 and *National Parks & Wildlife* (NPW) Act 1972 status ratings. The full list of criteria and comments is available on CD, as well as all updated distribution maps. A record of species removed after workshops is also included in Appendix 13a and 13b.

Species lists have been presented in a user-friendly format, with the fauna list provided in two formats: 1) in order of most to least threatened per Regional Rating (Status plus Trend), per Class; and 2) in taxonomic sequence, as per *A List of the Vertebrates of South Australia* (Robinson *et al.* 2000). Similarly, the flora list is provided in two formats: 1) in order of most to least threatened per Regional Rating (Status plus Trend) and; 2) in alphabetical order of Scientific Name.

5. Summary and next steps

The Status Assessment Process (phase 1) of the Regional Species Conservation Assessment project has developed a rigorous and repeatable process, whereby all databased vertebrate fauna and vascular flora species in South Australia can be assessed at a fine spatial scale, based on the best available science and information, and using the expertise and knowledge of skilled and competent persons in various specialist fields. Whilst recognising that the data have some limitations, status ratings, trends and any other worthwhile information captured at workshops provides valuable regional baseline data on biodiversity, from which informed management and policy decisions can be made.

Applications of the data captured in phase 1 include: identifying gaps in knowledge where information on particular species is poorly known; identifying a range of regionally threatened and declining species not previously identified; informing DENR Protected Areas systems on a wide range of matters; informing DENR Regional Fire Management plans and operations; assisting in the identification of threatening processes affecting a range of species, supporting a multi-species and landscape-scale management approach; and increasing awareness and interest in a broader range of threatened species, among many other applications.

5.1 Next steps

The information captured within phase 1 provides material for the second phase of the project. Phase two, or, the Prioritisation Process, will use multiple criteria to identify a priority list of species most in need of conservation management and which have the greatest chance of recovery. Criteria for species to be assessed against include:

- Probability of extinction (determined by regional status ratings, trend);
- Consequences of extinction (ecological values, evolutionary values, social values, taxonomic uniqueness); and
- Potential for successful recovery (knowledge of threatening processes, capacity to affect recovery, need for ongoing management).

Once a priority list of species is established, it is envisaged that this information will then be used as a decision support tool to identify common threats and actions which will direct resources to deliver the greatest conservation benefit. A multi-species/landscape-scale approach to conservation will be encouraged.

Regional species assessments will commence in the DENR South East Region in October/November 2010, using the same methodology and processes described herein.

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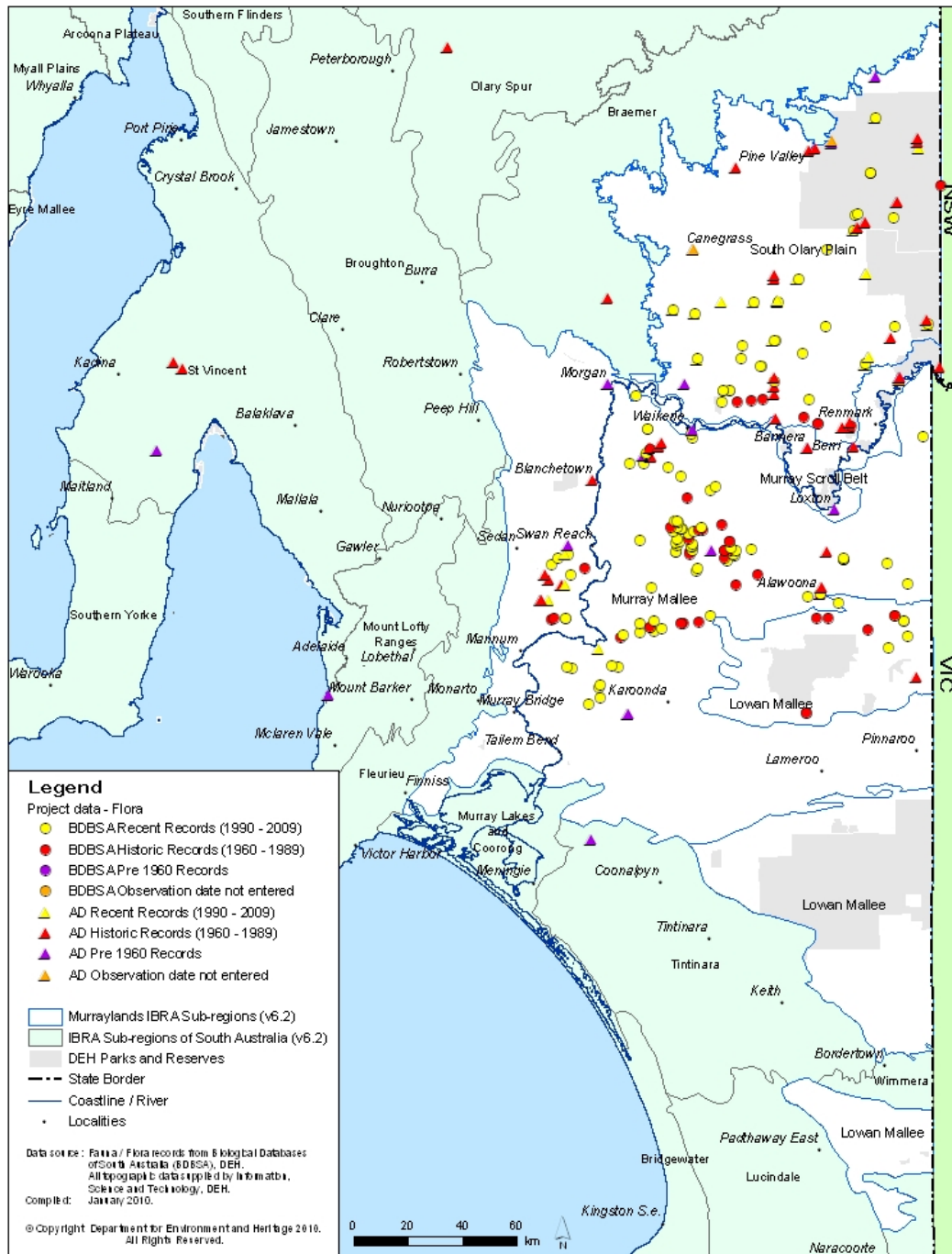
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Appendix 1. Landscape descriptions for each IBRA subregion in the project area (Source: DENR).

IBRA Subregion Code	IBRA Subregion Name	Description
MDD1	South Olary Plain	Comprises of undulating calcreted plains with coalesced alluvial fans. The plains support a low woodland and shrubland with a ground cover of bluebush and saltbush. Many places are overlain by low easterly trending dunes or sand sheets with a cover of degraded mallee over saltbush or porcupine grass. Relict alluvial terraces with low open woodland of black oak form well defined flat-topped ridges and rise locally some 5-20 m above the plain. Near the western margin there is a small transition zone with fans shed from the ranges. A very low open shrubland cover of bluebush and saltbush is prominent, but never extends far into the plain.
MDD2	Murray Mallee	Extensive calcreted plains overlain by a series of sand dunes The calcreted ridges which form the undulating plain have a distinct west-north-westerly trend. The soils are shallow reddish sands on the plains and deep yellowish sands on the dunes. Fans bordering the Mt Lofty Ranges with low isolated hills rising above them have red duplex soils and calcareous earths subject to sheet erosion. Mallee is the dominant vegetation of the subregion. Its species composition reflects the diminishing coastal influence towards the north, especially in the understorey: broombush gives way here to saltbush and bluebush (<i>Atriplex</i> and <i>Maireana</i> spp.) and hummock grass (<i>Triodia irritans</i>). Blue gum (<i>E. leucoxylon</i>) and peppermint box (<i>E. odorata</i>) are characteristic species in the west of the region. Although tracts of mallee still occur, most of the original vegetation has been cleared for agriculture.
MDD4	Lowan Mallee	An undulating plain on calcrete with a cover of aeolian sand sheet and dunes. Much of the native vegetation remains in this area as it is conserved in Ngarkat, Scorpion Springs, Carcuma, Mount Shaugh and Mount Rescue Conservation Parks. <i>Eucalyptus incrassata</i> / <i>E. leptophylla</i> open scrub dominates the bleached sands of the dunes whilst <i>Xanthorrhoea australis</i> and <i>Banksia ornata</i> open heath is found on the sandy, pedal, duplex soils of the plains. The southern portion of this area is extensively grazed.
RIV6	Murray Scroll Belt	The incised ancestral floodplain of the Murray River and adjacent irrigated plains. This area includes a variety of fluvial landforms including discontinuous levees, oxbows, black swamps, lakes and low terraces. Near-vertical cliffs border the old floodplain and vegetative cover varies from disturbed woodlands of <i>Eucalyptus camaldulensis</i> and <i>E. largiflorens</i> , and shrublands of <i>Muehlenbeckia florulenta</i> or <i>Atriplex vesicaria</i> to orchards and vineyards.

Appendix 2. Example of distribution map created for each species, showing the geographic range of the species within each IBRA subregion in the project area, including the distribution in areas adjacent to the project area, within the map extent. Records were shown in three temporal groups: Recent (1990 – 2009); Historic (1960 – 1989); and Pre 1960 (all records prior to 1960), to assist in identifying possible trends. All flora maps showed the records as either BDBSA records or Herbarium SA (AD) records, easily distinguishing biological survey and opportune (sighting) records from records with vouchered herbarium specimens.

0500_91.204 EUPHORBIACEAE *Beyeria opaca* (Dark Turpentine Bush)



Appendix 3. a). Criteria for the threatened categories (CR, EN, VU) (source: IUCN 2001) plus Rare (Source: National Parks and Wildlife Act, 1972)

IUCN 2001 CATEGORIES AND CRITERIA

Criteria	*Critically Endangered CR	*Endangered EN	*Vulnerable VU
A. Reduction in population size based on any of the following:			
1. An observed, estimated, inferred or suspected population size reduction over the last 10 years or three generations, whichever is the longer, where the causes of the reduction are clearly reversible AND understood AND ceased, based on (and specifying) any of the following: (a) direct observation (b) an index of abundance appropriate to the taxon (c) a decline in area of occupancy, extent of occurrence and/or quality of habitat (d) actual or potential levels of exploitation (e) the effects of introduced taxa, hybridization, pathogens, pollutants, competitors or parasites.	> 90%	> 70%	> 50%
2. An observed, estimated, inferred or suspected population size reduction over the last 10 years or three generations, whichever is the longer, where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.	> 80%	> 50%	> 30%
3. A population size reduction projected or suspected to be met within the next 10 years or three generations, whichever is the longer (up to a maximum of 100 years), based on (and specifying) any of (b) to (e) under A1.	> 80%	> 50%	> 30%
4. An observed, estimated, inferred, projected or suspected population size reduction over any 10 year or three generation period, whichever is longer (up to a maximum of 100 years), where the time period includes both the past and the future, and where the reduction or its causes may not have ceased OR may not be understood OR may not be reversible, based on (and specifying) any of (a) to (e) under A1.	> 80%	> 50%	> 30%
B. Geographic range in the form of either B1 (extent of occurrence) OR B2 (area of occupancy) OR both:			
1. Estimated extent of occurrence (km ²) and estimates indicating at least two of a-c: a. Severely fragmented or # locations. b. Continuing decline, observed, inferred or projected, in any of the following: (i) extent of occurrence (ii) area of occupancy (iii) area, extent and/or quality of habitat (iv) number of locations or subpopulations (v) number of mature individuals. c. Extreme fluctuations in any of the following: (i) extent of occurrence (ii) area of occupancy (iii) number of locations or subpopulations (iv) number of mature individuals.	<100 km ² = 1	<5000 km ² ≤ 5	<20,000 km ² ≤ 10
2. Estimated area of occupancy (km ²), and estimates indicating at least two of a-c: a. Severely fragmented or # locations. b. Continuing decline, observed, inferred or projected, in any of the following: (i) extent of occurrence (ii) area of occupancy (iii) area, extent and/or quality of habitat (iv) number of locations or subpopulations (v) number of mature individuals. c. Extreme fluctuations in any of the following: (i) extent of occurrence (ii) area of occupancy (iii) number of locations or subpopulations (iv) number of mature individuals.	<10km ² = 1	<500km ² ≤ 5	<2,000km ² ≤ 10

Criteria	*Critically Endangered CR	*Endangered EN	*Vulnerable VU
<p>C. Population size estimated (# mature individuals) and either:</p> <p>1. An estimated continuing decline, whichever is longer, (up to a maximum of 100 years in the future) OR</p> <p>2. A continuing decline, observed, projected, or inferred, in numbers of mature individuals AND at least one of the following (a-b):</p> <p>(a) Population structure in the form of one of the following:</p> <p>(b) Extreme fluctuations in number of mature individuals.</p>	<p><250</p> <p>25% in 3yr or 1 generation</p> <p>(i) no subpopⁿ >50 mature individuals or (ii) 90-100% mature individuals in one subpopⁿ</p>	<p><2,500</p> <p>20% in 5yr or 2 generations</p> <p>(i) no subpopⁿ >250 mature individuals or (ii) 95-100% mature individuals in one subpopⁿ</p>	<p><10,000</p> <p>10% in 10yr or 3 generations</p> <p>(i) no subpopⁿ >1,000 mature individuals or (ii) 100% mature individuals in one subpopⁿ</p>
<p>D. Estimated population size(# mature individuals).</p>	<p><50</p>	<p><250</p>	<p>1. <1,000 or 2. AoO <20km² or # locations ≤5</p>
<p>E. Quantitative analysis showing the probability of extinction in the wild (up to a maximum of 100 years).</p>	<p>>50% within 10yr or 3 generations</p>	<p>>20% within 20yr or 5 generations</p>	<p>>10% within 100yr</p>

RARE CATEGORY AND CRITERIA

Rare (RA)

- a. Reduced area of occupancy and/or extent of occurrence: Taxa that have disappeared from >50% of their former area of occupancy and/or extent of occurrence and it is observed, estimated, inferred or suspected that further decline is continuing.
- b. Declined in abundance: Taxa that have experienced a significant decline in abundance in >50% of their former area of occupancy and/or extent of occurrence and it is observed, estimated, inferred or suspected that further decline is continuing.
- c. Small populations: Taxa where it is observed, estimated, inferred or suspected that the total population size numbers <3000 mature individuals and specifying any of the following.
 - i) Resident population
 - ii) Regular visitors to the state (eg. migratory taxa)
 - iii) Irregular visitors to the state (eg. in response to episodic rainfall events)
 - iv) Taxa that are experiencing range extensions into SA, with data for other areas showing that they are increasing in range and abundance.
- d. Restricted extent of occurrence or area of occupancy: Taxa with either i) or ii)
 - i) Relatively limited extent of occurrence (e.g. approximately 10% or <20,000 km² of area assessed)
 - ii) Relatively limited area of occupancy (e.g. approximately 1% or <2,000 km² of area assessed) that is highly fragmented.

Appendix 3. b). Outline of each Status Category used in workshops (adapted from: Guidelines for Using the IUCN Red List Categories and Criteria V6.2, 2006 – all categories except Regionally Extinct and Rare; Guidelines for Application of IUCN Red List Criteria at Regional Levels V3.0, 2003 - Regionally Extinct category; National Parks and Wildlife Act, 1972 – Rare category).

Status Category	Definition / Use
RE Regionally Extinct	A taxon is Regionally Extinct when there is no reasonable doubt that the last individual potentially capable of reproduction within the region has died or disappeared from the region, or, in the case of a former visiting taxon, individuals no longer visit the region.
CR Critically Endangered	A taxon is Critically Endangered when the best available evidence indicates that it meets any of the criteria A to E for Critically Endangered, and it is therefore considered to be facing an extremely high risk of extinction in the wild.
EN Endangered	A taxon is Endangered when the best available evidence indicates that it meets any of the criteria A to E for Endangered, and it is therefore considered to be facing a very high risk of extinction in the wild.
VU Vulnerable	A taxon is Vulnerable when the best available evidence indicates that it meets any of the criteria A to E for Vulnerable, and it is therefore considered to be facing a high risk of extinction in the wild.
RA Rare	A taxon is Rare if it occurs in small numbers, and the best available evidence indicates that it meets any of the criteria A to D for Rare, and it is at some risk due to low numbers. Taxa in this category are usually localised within restricted geographical areas or are thinly scattered over a more extensive range. This may include taxa which are perceived to be at risk for which there is insufficient information available to assign them any other category, and taxa that are considered to be dependent on ongoing conservation programs to prevent them moving into the Critically Endangered, Endangered or Vulnerable categories.
NT Near Threatened	A taxon is Near Threatened when it has been evaluated against the criteria but does not qualify for Critically Endangered, Endangered, Vulnerable or Rare now, but is close to qualifying for or is likely to qualify for a threatened category in the near future.
LC Least Concern	A taxon is Least Concern when it has been evaluated against the criteria and does not qualify for Critically Endangered, Endangered, Vulnerable, Rare or Near Threatened. Widespread and abundant taxa are included in this category.
DD Data Deficient	A taxon is Data Deficient when there is inadequate information to make a direct, or indirect, assessment of its risk of extinction based on its distribution and/or population status. Listing of taxa in this category indicates that more information is required and acknowledges the possibility that future research will show that a threatened classification may be appropriate. It is important to make positive use of whatever data are available. In many cases great care should be taken in choosing between DD and a threatened status. If the range of a taxon is suspected to be relatively restricted, and/or if a considerable period of time has elapsed since the last record of the taxon, threatened status may be well justified.
NE Not Evaluated	A taxon is Not Evaluated when it has not been evaluated against the criteria. (Used for flora with taxonomic issues and not rated.)

Appendix 4. a). Fauna workshops conducted

Workshop	Time spent (hours)	# Species reviewed	# Persons at workshops
Mammals (minus bats)	4.00	33	10
Bats (14 + 2extra)	1.50	16	7
Reptiles & Amphibians	5.00	110	7
Birds (Land)	8.00	158	10
Birds (Land+Water)	6.00	139	9
Freshwater Fish	2.00	31	5
Totals	26.50	487	

b). Flora workshops conducted

Workshop	Time spent (hours)	# Species reviewed	# Persons at workshops
Ferns (14)/ Trees (16) /Vines (14) /Myrtaceae 15	4.50	59	5
Grasses + 1 extra	7.00	130	6
Chenopods	7.00	121	6
Eucalypts (36+1) / Myrtles (12)	4.00	49	7
Orchids (99) + 22 extra	7.50	121	12
Daisies 1	7.50	147	6
Daisies 2 (+ 2 extra)	2.50	53	5
Acacias	3.50	56	5
Shrubs 1	8.00	103	5
Sedges 124 & Aquatic (32+3)	7.00	159	5
Shrubs 2	8.00	162	8
Pea Flowers 77 / H&F 25	5.50	102	6
Shrubs 3 (41)/ H&F (102)	8.00	143	8
Herbs & Forbs	5.50	143	6
Herbs & Forbs	2.50	49	6
Totals	88.00	1597	

Appendix 5. Overall regional Murraylands Status and Trend Categories derived from weighted scores, showing number and percentage of fauna and flora species per category.

Murraylands Score (Status + Trend)	Category (Status + Trend)	Fauna		Flora	
		#	%	#	%
7	Regionally Extinct	6	1.4	18	1.2
6.5	Critically Endangered + Definite Decline	20	4.5	8	0.6
6.4	Critically Endangered + Probable Decline	17	3.9	7	0.5
6.3	Critically Endangered + Stable	1	0.2	1	0.1
6.0	Critically Endangered + Data Deficient	1	0.2	3	0.2
5.5	Endangered + Definite Decline	9	2.0	19	1.3
5.4	Endangered + Probable Decline	15	3.4	48	3.3
5.3	Endangered + Stable	-	-	3	0.2
5.0	Endangered + Data Deficient	-	-	15	1.0
4.5	Vulnerable + Definite Decline	7	1.6	10	0.7
4.4	Vulnerable + Probable Decline	25	5.7	137	9.4
4.3	Vulnerable + Stable	2	0.5	12	0.8
4.2	Vulnerable + Probable Increase	-	-	0	0.0
4.0	Vulnerable + Data Deficient	3	0.7	42	2.9
3.5	Rare + Definite Decline	3	0.7	6	0.4
3.4	Rare + Probable Decline	37	8.4	146	10.1
3.3	Rare + Stable	29	6.6	122	8.4
3.2	Rare + Probable Increase	3	0.7	1	0.1
3.1	Rare + Definite Increase	1	0.2	0	0.0
3.0	Rare + Data Deficient	15	3.4	176	12.1
2.5	Near Threatened + Definite Decline	1		1	0.1
2.4	Near Threatened + Probable Decline	26	5.9	65	4.5
2.3	Near Threatened + Stable	58	13.2	252	17.4
2.2	Near Threatened + Probable Increase	4	0.9	6	0.4
2.1	Near Threatened + Definite Increase	-	-	0	0.0
2.0	Near Threatened + Data Deficient	5	1.1	17	1.2
1.4	Least Concern + Probable Decline	4	0.9	13	0.9
1.3	Least Concern + Stable	131	29.7	260	17.9
1.2	Least Concern + Probable Increase	7	1.6	17	1.2
1.1	Least Concern + Definite Increase	1	0.2	0	0.0
1.0	Least Concern + Data Deficient	2	0.5	1	0.1
0.4	Data Deficient + Probable Decline	-	-	-	-
0.3	Data Deficient + Stable	-	-	0	0.0
0.0	Data Deficient + Data Deficient	8	1.8	19	1.3
-	Not Evaluated	-	-	23	1.6
	Total	441	100	1448	100

Appendix 6. Number and percentage of fauna species per status rating per subregion. Fauna comprises Mammals, Birds, Reptiles, Amphibians and Freshwater Fish.

Abbreviation	Regional Status	Fauna Species/Status rating/Subregion							
		South Olary Plain		Murray Scroll Belt		Murray Mallee		Lowan Mallee	
		#	%	#	%	#	%	#	%
RE	Regionally Extinct	0	0	6	2	7	2	0	0
CR	Critically Endangered	3	1	25	8	40	10	11	4
EN	Endangered	5	2	16	5	19	5	11	4
VU	Vulnerable	5	2	18	6	27	7	13	5
RA	Rare	86	33	71	22	92	24	58	23
NT	Near Threatened	12	5	39	12	62	16	35	14
LC	Least Concern	142	54	129	41	122	32	119	46
DD	Data Deficient	9	3	14	4	12	3	10	4
Total species (incl. Extinct)		262	100	318	100	381	100	257	100
Total extant species		262	100	312	98	374	98	257	100

Appendix 7. Number and percentage of fauna species per trend per subregion. Fauna comprises Mammals, Birds, Reptiles, Amphibians and Freshwater Fish.

Symbol	Regional Trend	Fauna Species/Trend/ Subregion							
		South Olary Plain		Murray Scroll Belt		Murray Mallee		Lowan Mallee	
		#	%	#	%	#	%	#	%
--	Definite Decline	4	2	19	6	40	11	8	3
-	Probable Decline	23	9	81	26	131	35	76	30
0	Stable/No Change	182	69	145	46	138	37	130	51
+	Probable Increase	6	2	10	3	10	3	8	3
++	Definite Increase	0	0	4	1	2	1	1	0
DD	Data Deficient	47	18	53	17	53	14	34	13
Total extant species		262	100	312	100	374	100	257	100

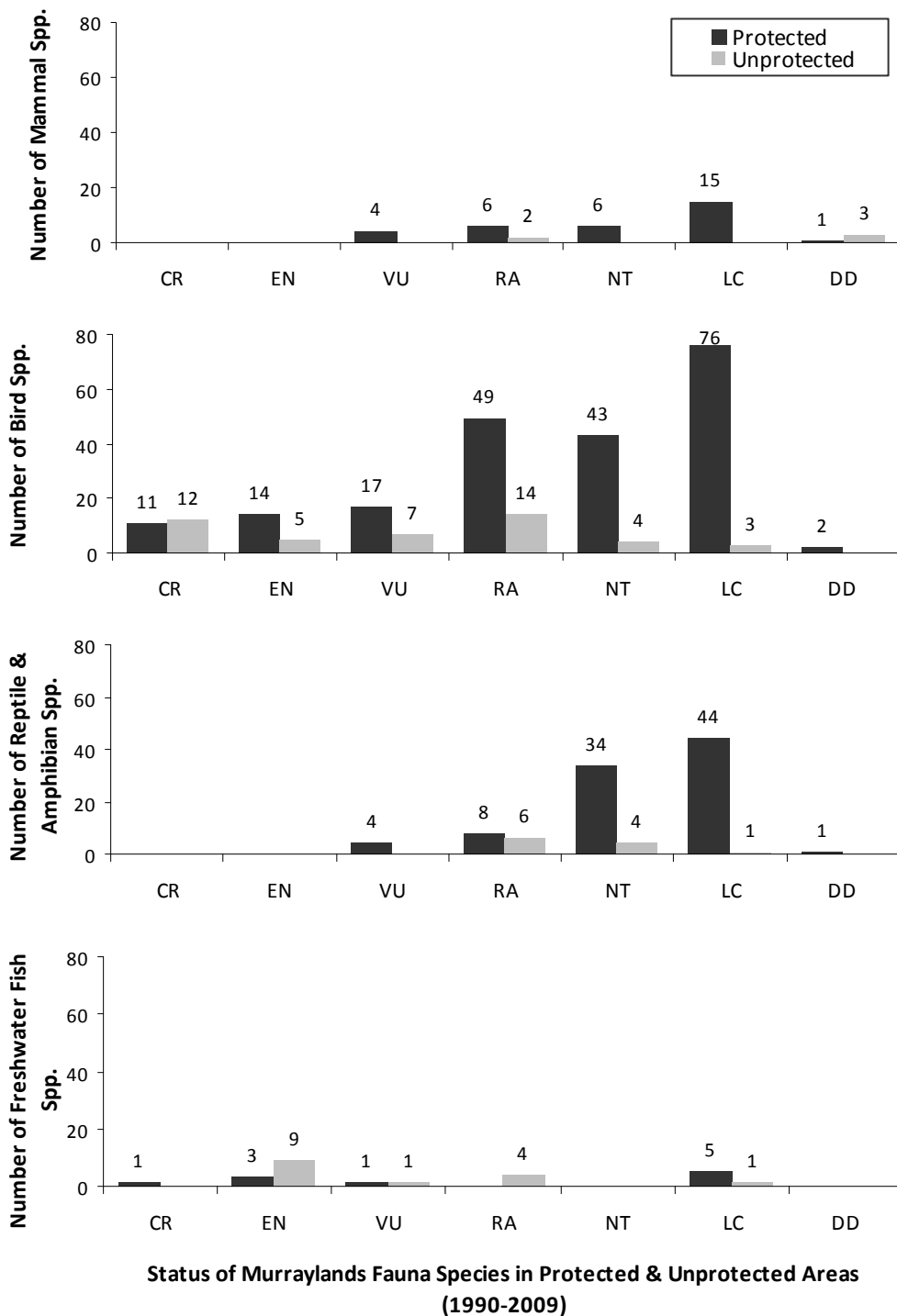
Appendix 8. Number and percentage of flora species per status rating per subregion.

Abbreviation	Regional Status	Flora Species/Status rating/Subregion							
		South Olary Plain		Murray Scroll Belt		Murray Mallee		Lowan Mallee	
		#	%	#	%	#	%	#	%
RE	Regionally Extinct	1	0.2	10	1.5	24	2	7	1
CR	Critically Endangered	1	0.2	2	0.3	8	1	11	1
EN	Endangered	3	0.6	29	5	58	5	45	6
VU	Vulnerable	17	3	78	13	129	12	90	12
RA	Rare	189	39	208	36	395	36	248	32
NT	Near Threatened	50	10	65	11	105	9	100	13
LC	Least Concern	198	41	166	28	352	32	260	34
DD	Data Deficient	19	4	15	3	19	2	5	1
NE	Not Evaluated	8	2	13	2.2	19	2	7	1
Total species (incl. Extinct)		486	100	586	100	1109	100	773	100
Total extant species		485	99.8	576	98.5	1085	98	766	99

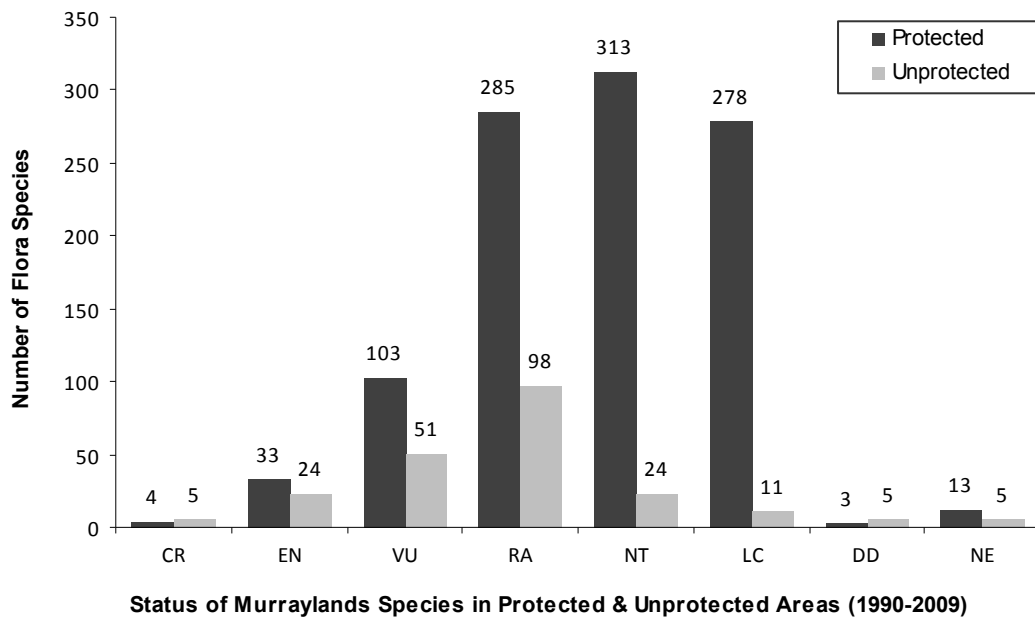
Appendix 9. Number and percentage of flora species per trend per subregion.

Symbol	Regional Trend	Flora Species/Trend/ Subregion							
		South Olary Plain		Murray Scroll Belt		Murray Mallee		Lowan Mallee	
		#	%	#	%	#	%	#	%
--	Definite Decline	3	1	21	4	29	3	21	3
-	Probable Decline	45	9	176	31	329	31	154	20
0	Stable/No Change	249	52	207	37	446	42	400	53
+	Probable Increase	9	2	17	3	20	2	8	1
++	Definite Increase	0	0	0	0	0	0	1	0
DD	Data Deficient	171	36	142	25	242	22	175	23
Total extant species		477	100	563	100	1066	100	759	100

Appendix 10. a). Number of Murraylands fauna species per status rating in protected and unprotected areas (1990-2009). All species records from 1990-2009 are shown. Mammals = 37 spp., Birds = 257 spp., Reptiles & Amphibians = 102 spp., Freshwater Fish = 25 spp. Species were deemed protected if 15% or more records fell within protected areas. Protected areas included National Parks, Conservation Parks and Reserves, Recreation Reserves, Game Reserves, Wilderness Areas, and Vegetation Heritage Agreements. Sanctuaries and other reserves within the Riverland Biosphere Reserve (Gluepot, Taylorville and Calperum) were also included here. Black bars denote protected species, grey bars denote unprotected species.



Appendix 10. b). Number of Murraylands flora species per status rating in protected and unprotected areas (1990-2009). All species records from 1990-2009 are shown. Flora = 1255 spp. Species were deemed protected if 15% or more records fell within protected areas. Protected areas included National Parks, Conservation Parks and Reserves, Recreation Reserves, Game Reserves, Wilderness Areas, and Vegetation Heritage Agreements. Sanctuaries and other reserves within the Riverland Biosphere Reserve (Gluepot, Taylorville and Calperum) were also included here. Black bars denote protected species, grey bars denote unprotected species.



Appendix 11. a). Fauna species list for the project area, from most to least threatened. Status ratings and trends are shown for the Murraylands Region (shaded), and each IBRA subregion, plus current ratings under the EPBC Act 1999 and NPW Act 1972. Species are listed per Class (Mammalia, Aves, Reptilia, Amphibia, Osteichthyes), from most to least threatened per regional rating (status and trend), then in alphabetical order of Family Name, then Scientific Name.

- **Regional Status Codes:** RE = regionally extinct; CR = critically endangered; EN = endangered; VU = vulnerable; RA = rare; NT = near threatened; LC = least concern; DD = data deficient.
- **Regional Trend Codes:** -- = definite decline; - = probable decline; 0 = stable/no change; + = probable increase; ++ = definite increase; DD = data deficient.
- **EPBC Status Codes:** EX = extinct; CR = critically endangered; EN = endangered; VU = vulnerable.
- **NPW Status Codes:** X = extinct, E = endangered; V = vulnerable, R = rare.
- Where status is listed as "ssp", the status applies to a sub-specific level, but the resolution of the record in BDBSA is at a species level. Expert interpretation is required to resolve sub-specific taxonomy.

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
MAMMALIA	DASYURIDAE	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll (Tiger Quoll)	EN	E	RE				RE					
MAMMALIA	POTORIDAE	<i>Bettongia lesueur</i>	Burrowing Bettong (Boodie)	EX	E	RE						RE			
MAMMALIA	POTORIDAE	<i>Bettongia penicillata ogilbyi</i>	Brush-tailed Bettong		R	RE						RE			
MAMMALIA	ORNITHORHYNCHIDAE	<i>Ornithorhynchus anatinus</i>	Platypus		E	CR	--			CR	--	CR	--		
MAMMALIA	DASYURIDAE	<i>Planigale gilesi</i>	Giles' Planigale (Paucident Planigale)			VU	-			VU	-				
MAMMALIA	MURIDAE	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse			VU	-			EN	-	VU	-	RA	0
MAMMALIA	PETAURIDAE	<i>Petaurus breviceps</i>	Sugar Glider		R	VU	-							VU	-
MAMMALIA	VOMBATIDAE	<i>Vombatus ursinus</i>	Common Wombat		R	VU	-							VU	-
MAMMALIA	BURRAMYIDAE	<i>Cercartetus concinnus</i>	Western Pygmy-possum			RA	-	LC	0	RA	DD	EN	-	RA	-
MAMMALIA	BURRAMYIDAE	<i>Cercartetus lepidus</i>	Little Pygmy-possum			RA	-							RA	-
MAMMALIA	PHALANGERIDAE	<i>Trichosurus vulpecula</i>	Common Brushtail Possum		R	RA	-	DD	DD	NT	-	NT	-	VU	-
MAMMALIA	DASYURIDAE	<i>Sminthopsis macroura</i>	Stripe-faced Dunnart			RA	0	RA	0						
MAMMALIA	MACROPODIDAE	<i>Wallabia bicolor</i>	Swamp Wallaby		V	RA	+					DD	DD	RA	+
MAMMALIA	CANIDAE	<i>Canis lupus dingo</i>	Dingo			RA	DD							RA	DD
MAMMALIA	MACROPODIDAE	<i>Macropus rufogriseus</i>	Red-necked Wallaby		R	RA	DD							RA	DD
MAMMALIA	MURIDAE	<i>Rattus lutreolus</i>	Swamp Rat		R	RA	DD					RA	DD	RA	DD
MAMMALIA	VESPRTLIONIDAE	<i>Vespardelus darlingtoni</i>	Large Forest Bat			RA	DD					RA	DD	RA	DD
MAMMALIA	VOMBATIDAE	<i>Lasiornhinus latifrons</i>	Southern Hairy-nosed Wombat			NT	-	RA	DD			NT	-		
MAMMALIA	DASYURIDAE	<i>Sminthopsis crassicaudata</i>	Fat-tailed Dunnart			NT	0	LC	0	LC	0	RA	-	RA	0
MAMMALIA	MACROPODIDAE	<i>Macropus robustus</i>	Euro			NT	0	LC	0	LC	0	RA	0		
MAMMALIA	MOLOSSIDAE	<i>Mormopterus species 2 "Murray River"</i>	Eastern Freetail-Bat			NT	DD			NT	DD	NT	DD		
MAMMALIA	MOLOSSIDAE	<i>Mormopterus species 4 "big dick"</i>	Southern Free-tail Bat (big dick)			NT	DD			NT	DD	NT	DD	DD	DD
MAMMALIA	MURIDAE	<i>Hydromys chrysogaster</i>	Water-rat			NT	DD			NT	DD	NT	DD		
MAMMALIA	VESPRTLIONIDAE	<i>Vespardelus regulus</i>	Southern Forest Bat			NT	DD	RA	DD	NT	DD	LC	DD		
MAMMALIA	DASYURIDAE	<i>Ningau yvonneae</i>	Southern Ningau			LC	0	LC	0	DD	DD			LC	0
MAMMALIA	DASYURIDAE	<i>Sminthopsis murina</i>	Common Dunnart			LC	0	LC	0	NT	-	NT	-	LC	0
MAMMALIA	MACROPODIDAE	<i>Macropus fuliginosus</i>	Western Grey Kangaroo			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	MACROPODIDAE	<i>Macropus rufus</i>	Red Kangaroo			LC	0	LC	0	LC	0	LC	0		
MAMMALIA	MOLOSSIDAE	<i>Mormopterus species 3 "little dick"</i>	Inland Free-tail Bat (little dick)			LC	0	LC	0	LC	0				
MAMMALIA	MURIDAE	<i>Pseudomys apodemoides</i>	Silky Mouse			LC	0							LC	0
MAMMALIA	MURIDAE	<i>Pseudomys bolami</i>	Bolam's Mouse			LC	0	LC	0	LC	0				
MAMMALIA	TACHYGLOSSIDAE	<i>Tachyglossus aculeatus</i>	Short-beaked Echidna			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	VESPRTLIONIDAE	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	VESPRTLIONIDAE	<i>Chalinolobus picatus</i>	Little Pied Bat			LC	0	LC	0	DD	DD				
MAMMALIA	VESPRTLIONIDAE	<i>Nyctophilus corbeni</i>	Greater Long-eared Bat	ssp	ssp	LC	0	LC	0	DD	DD				
MAMMALIA	VESPRTLIONIDAE	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	VESPRTLIONIDAE	<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat			LC	0	LC	0			DD	DD		
MAMMALIA	VESPRTLIONIDAE	<i>Vespardelus baverstocki</i>	Inland Forest Bat			LC	0	LC	0	LC	0	DD	DD		
MAMMALIA	VESPRTLIONIDAE	<i>Vespardelus vulturnus</i>	Little Forest Bat			LC	0			LC	0	NT	DD	DD	DD
MAMMALIA	MOLOSSIDAE	<i>Tadarida australis</i>	White-striped Freetail-bat			LC	DD	LC	DD	LC	DD	LC	DD	DD	DD
MAMMALIA	ACROBATIDAE	<i>Acrobates pygmaeus</i>	Feathertail Glider		E	DD	DD			DD	DD			DD	DD
MAMMALIA	MACROPODIDAE	<i>Macropus giganteus</i>	Eastern Grey Kangaroo		R	DD	DD	DD	DD					DD	DD
MAMMALIA	VESPRTLIONIDAE	<i>Chalinolobus morio</i>	Chocolate Wattled Bat			DD	DD	DD	DD	DD	DD	DD	DD	DD	DD
MAMMALIA	VESPRTLIONIDAE	<i>Myotis macropus</i>	Southern Myotis		E	DD	DD					DD	DD		
AVES	ACCIPITRIDAE	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle		E	CR	--			CR	--	CR	--		
AVES	ACCIPITRIDAE	<i>Lophoictinia isura</i>	Square-tailed Kite		E	CR	--			CR	--				
AVES	ACCIPITRIDAE	<i>Pandion cristatus</i>	Eastern Osprey		E	CR	--			CR	--	CR	--		
AVES	GRUIDAE	<i>Grus rubicunda</i>	Brolga		V	CR	--			CR	--	CR	--	CR	--
AVES	MALURIDAE	<i>Stipiturus malachurus intermedius</i>	Southern Emu-wren (Mt Lofty Ranges ssp)	EN	E	CR	--					CR	--		
AVES	MALURIDAE	<i>Stipiturus mallee</i>	Mallee Emu-wren	EN	E	CR	--					RE		CR	--
AVES	PETROICIDAE	<i>Petroica phoenicea</i>	Flame Robin		V	CR	--					CR	--	CR	--
AVES	PSITTACIDAE	<i>Lathamus discolor</i>	Swift Parrot	EN	E	CR	--							CR	--
AVES	ARDEIDAE	<i>Botaurus poiciloptilus</i>	Australasian Bittern		V	CR	-					CR	-		
AVES	BURHINIDAE	<i>Burhinus grallarius</i>	Bush Stone-curlew		R	CR	-	CR	-	CR	-	CR	-	CR	-
AVES	LARIDAE	<i>Sternula nereis</i>	Fairy Tern		E	CR	-					CR	-		
AVES	OTIDIDAE	<i>Ardeotis australis</i>	Australian Bustard		V	CR	-	CR	-	CR	-	CR	-	CR	-
AVES	PACHYCEPHALIDAE	<i>Pachycephala rufogularis</i>	Red-lored Whistler		VU	R	CR	-	CR	-		CR	-	CR	-
AVES	PEDIONOMIDAE	<i>Pedionomus torquatus</i>	Plains-wanderer		VU	E	CR	-		CR	-	CR	-	CR	-
AVES	POMATOSTOMIDAE	<i>Pomatostomus temporalis</i>	Grey-crowned Babbler		ssp	CR	-							CR	-
AVES	PSOPHODIDAE	<i>Psophodes cristatus</i>	Chirruping Wedgebill			CR	-			CR	-				

Appendix 11 a). Fauna species for the entire project area, from most to least threatened (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend	
AVES	PSOPHODIDAE	<i>Psophodes nigrogularis leucogaster</i>	Western Whipbird (Eastern ssp)	VU	E	CR	-							CR	-	
AVES	RALLIDAE	<i>Lewinia pectoralis</i>	Lewin's Rail		V	CR	-			CR	DD	CR	-			
AVES	RALLIDAE	<i>Porzana pusilla</i>	Baillon's Crake			CR	-			CR	-	CR	-			
AVES	ROSTRATULIDAE	<i>Rostratula australis</i>	Australian Painted Snipe		V	CR	-			CR	-	CR	-			
AVES	SCOLOPACIDAE	<i>Gallinago hardwickii</i>	Latham's Snipe		R	CR	-			CR	DD	CR	-			
AVES	SCOLOPACIDAE	<i>Tringa glareola</i>	Wood Sandpiper		R	CR	-			CR	-	CR	-			
AVES	SCOLOPACIDAE	<i>Tringa nebularia</i>	Common Greenshank			CR	-			CR	-	CR	-			
AVES	SCOLOPACIDAE	<i>Tringa stagnatilis</i>	Marsh Sandpiper			CR	-			CR	-	CR	-			
AVES	STRIGIDAE	<i>Ninox connivens</i>	Barking Owl		R	CR	-			CR	-	CR	-	RE		
AVES	ARDEIDAE	<i>Ixobrychus dubius</i>	Australian Little Bittern		E	CR	DD			CR	DD	CR	DD			
AVES	CISTICOLIDAE	<i>Cisticola exilis</i>	Golden-headed Cisticola			EN	--			EN	DD	EN	--			
AVES	LARIDAE	<i>Chlidonias hybrida</i>	Whiskered Tern			EN	--			EN	--	EN	--			
AVES	MALURIDAE	<i>Amytornis striatus</i>	Striated Grasswren		R	EN	--	VU	-			CR	--	EN	--	
AVES	MEGAPODIIDAE	<i>Leipoa ocellata</i>	Malleefowl	VU	V	EN	--	EN	--	EN	--	CR	--	EN	-	
AVES	MELIPHAGIDAE	<i>Manorina melanotis</i>	Black-eared Miner		EN	E	EN	--	EN	--		CR	DD			
AVES	PSITTACIDAE	<i>Polytelis anthopeplus</i>	Regent Parrot		VU	ssp	EN	--	EN	--	EN	--	EN	--	EN	--
AVES	RALLIDAE	<i>Gallinula tenebrosa</i>	Dusky Moorhen			EN	--			EN	--	EN	--			
AVES	ACANTHIZIDAE	<i>Hylacola pyrrhopygia</i>	Chestnut-rumped Heathwren	ssp	ssp	EN	-							EN	-	
AVES	ANATIDAE	<i>Oxyura australis</i>	Blue-billed Duck			EN	-			EN	-	EN	-			
AVES	CACATUIDAE	<i>Calyptorhynchus banksii graptogyne</i>	Red-tailed Black Cockatoo (south-east ssp)	EN	E	EN	-							EN	-	
AVES	CACATUIDAE	<i>Lophocroa leadbeateri</i>	Major Mitchell's Cockatoo		R	EN	-	EN	-	EN	-	CR	-	CR	-	
AVES	CAMPEPHAGIDAE	<i>Coracina papuensis</i>	White-bellied Cuckoo-shrike		R	EN	-							EN	-	
AVES	COLUMBIDAE	<i>Phaps elegans</i>	Brush Bronzewing			EN	-					EN	-	EN	-	
AVES	ESTRIDIDAE	<i>Stagonopleura guttata</i>	Diamond Firetail		V	EN	-			CR	DD	EN	--	EN	-	
AVES	LARIDAE	<i>Gelocheidon nilotica</i>	Gull-billed Tern			EN	-					EN	-			
AVES	MELIPHAGIDAE	<i>Melithreptus gularis</i>	Black-chinned Honeyeater	ssp		EN	-					CR	--	VU	-	
AVES	PACHYCEPHALIDAE	<i>Falcunculus frontatus</i>	Crested Shrike-tit		R	EN	-			CR	-	EN	-	EN	-	
AVES	PSITTACIDAE	<i>Glossopsitta pusilla</i>	Little Lorikeet		E	EN	-							EN	-	
AVES	RALLIDAE	<i>Gallirallus philippensis</i>	Buff-banded Rail			EN	-			EN	-	EN	-			
AVES	THRESKIORNITHIDAE	<i>Platalea regia</i>	Royal Spoonbill			EN	-			EN	-	EN	-			
AVES	CHARADRIIDAE	<i>Charadrius ruficapillus</i>	Red-capped Plover			VU	--			VU	--	VU	--			
AVES	CLIMACTERIDAE	<i>Climacteris affinis</i>	White-browed Treecreeper		R	VU	--	RA	DD	DD	DD	CR	--			
AVES	MELIPHAGIDAE	<i>Glyciphila melanops</i>	Tawny-crowned Honeyeater			VU	--	RA	DD			VU	--	VU	--	
AVES	ACANTHIZIDAE	<i>Acanthiza iredalei</i>	Slender-billed Thornbill	ssp	ssp	VU	-					DD	DD	VU	-	
AVES	ACANTHIZIDAE	<i>Calamanthus campestris</i>	Rufous Fieldwren			VU	-	DD	DD			DD	DD	VU	-	
AVES	ACCIPITRIDAE	<i>Hieraaetus morphnoides</i>	Little Eagle			VU	-	VU	-	VU	-	VU	-	VU	-	
AVES	ANATIDAE	<i>Stictonetta naevosa</i>	Freckled Duck		V	VU	-			VU	-	VU	-			
AVES	ARDEIDAE	<i>Ardea alba</i>	Great Egret			VU	-			VU	-	VU	-			
AVES	ARDEIDAE	<i>Nycticorax caledonicus</i>	Nankeen Night-Heron			VU	-	RA	DD	EN	-	EN	-			
AVES	CACATUIDAE	<i>Calyptorhynchus funereus</i>	Yellow-tailed Black-Cockatoo		V	VU	-							VU	-	
AVES	CAMPEPHAGIDAE	<i>Coracina maxima</i>	Ground Cuckoo-shrike			VU	-	RA	-	RA	-	EN	-			
AVES	FALCONIDAE	<i>Falco subniger</i>	Black Falcon			VU	-					VU	-			
AVES	MONARCHIDAE	<i>Myiagra inquieta</i>	Restless Flycatcher		R	VU	-	VU	-	EN	-	RA	-	RA	-	
AVES	RALLIDAE	<i>Porzana tabuensis</i>	Spotless Crake		R	VU	-			VU	DD	EN	-			
AVES	RECURVIROSTRIDAE	<i>Himantopus himantopus</i>	Black-winged Stilt			VU	-			VU	-	VU	-			
AVES	THRESKIORNITHIDAE	<i>Platalea flavipes</i>	Yellow-billed Spoonbill			VU	-	RA	-	EN	-	EN	-			
AVES	THRESKIORNITHIDAE	<i>Threskiornis molucca</i>	Australian White Ibis			VU	-			VU	-	VU	-			
AVES	THRESKIORNITHIDAE	<i>Threskiornis spinicollis</i>	Straw-necked Ibis			VU	-			VU	-	VU	-			
AVES	TURNICIDAE	<i>Turnix varius</i>	Painted Button-quail		R	VU	-					VU	DD	VU	-	
AVES	ANATIDAE	<i>Biziura lobata</i>	Musk Duck		R	VU	0			VU	0	VU	0			
AVES	CORCORACIDAE	<i>Struthidea cinerea</i>	Apostlebird			VU	0	VU	-	VU	-	RA	+			
AVES	PODICIPEDIDAE	<i>Podiceps cristatus</i>	Great Crested Grebe		R	VU	DD			VU	DD	EN	DD			
AVES	PSITTACIDAE	<i>Neophema elegans</i>	Elegant Parrot		R	VU	DD					VU	DD			
AVES	PSITTACIDAE	<i>Neophema splendida</i>	Scarlet-chested Parrot		R	VU	DD	EN	DD			RA	DD	RA	DD	
AVES	CHARADRIIDAE	<i>Erythronyx cinctus</i>	Red-kneed Dotterel			RA	--	RA	DD	RA	DD	VU	--			
AVES	ESTRIDIDAE	<i>Taeniopygia guttata</i>	Zebra Finch			RA	--	RA	DD	RA	--	RA	--	EN	DD	
AVES	SCOLOPACIDAE	<i>Calidris ferruginea</i>	Curlew Sandpiper			RA	--					RA	--			
AVES	ACANTHIZIDAE	<i>Acanthiza nana</i>	Yellow Thornbill			RA	-	DD	DD	VU	-	NT	DD	NT	DD	
AVES	ACANTHIZIDAE	<i>Hylacola cauta</i>	Shy Heathwren (Shy Hylacola)		R	RA	-	RA	DD	DD	DD	VU	-	NT	-	
AVES	ANATIDAE	<i>Anas rhynchotis</i>	Australasian Shoveler		R	RA	-	RA	0	RA	-	RA	-			
AVES	APODIDAE	<i>Apus pacificus</i>	Fork-tailed Swift			RA	-	RA	-	RA	-	RA	-	RA	-	
AVES	APODIDAE	<i>Hirundapus caudacutus</i>	White-throated Needletail			RA	-					RA	-	RA	-	
AVES	ARDEIDAE	<i>Ardea intermedia</i>	Intermediate Egret		R	RA	-			RA	-	RA	-			
AVES	ARDEIDAE	<i>Ardea pacifica</i>	White-necked Heron			RA	-	RA	DD	RA	-	RA	-	RA	-	
AVES	ARDEIDAE	<i>Egretta garzetta</i>	Little Egret		R	RA	-			RA	-	RA	-	RA	-	
AVES	CACATUIDAE	<i>Nymphicus hollandicus</i>	Cockatiel			RA	-	RA	-	RA	-	RA	-	RA	-	
AVES	CHARADRIIDAE	<i>Charadrius bicinctus</i>	Double-banded Plover			RA	-			RA	-	RA	-			
AVES	CHARADRIIDAE	<i>Eiseyornis melanops</i>	Black-fronted Dotterel			RA	-	RA	DD	NT	-	RA	-			
AVES	CORVIDAE	<i>Corvus benetti</i>	Little Crow			RA	-	RA	DD	RA	DD	VU	-	VU	-	
AVES	CUCULIDAE	<i>Chalcites lucidus</i>	Shining Bronze-Cuckoo			RA	-							RA	-	

Appendix 11 a). Fauna species for the entire project area, from most to least threatened (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AVES	FALCONIDAE	<i>Falco hypoleucos</i>	Grey Falcon	R		RA	-	RA	-			RA	-	RA	-
AVES	LARIDAE	<i>Hydroprogne caspia</i>	Caspian Tern			RA	-			RA	-	RA	-		
AVES	LARIDAE	<i>Thalasseus bergii</i>	Crested Tern			RA	-					RA	-		
AVES	MEGALURIDAE	<i>Cincloramphus mathewsi</i>	Rufous Songlark			RA	-	RA	DD	RA	DD	NT	-	NT	-
AVES	MELIPHAGIDAE	<i>Lichenostomus cratitius</i>	Purple-gaped Honeyeater	ssp		RA	-	RA	DD			RA	-	NT	-
AVES	PACHYCEPHALIDAE	<i>Pachycephala inornata</i>	Gilbert's Whistler	R		RA	-	NT	DD	RA	-	VU	--	VU	-
AVES	PACHYCEPHALIDAE	<i>Pachycephala rufiventris</i>	Rufous Whistler			RA	-	RA	-	RA	-	RA	-	NT	-
AVES	PETROICIDAE	<i>Drymodes brunneopygia</i>	Southern Scrub-robin			RA	-	RA	0			VU	-	RA	-
AVES	PETROICIDAE	<i>Petroica boodang</i>	Scarlet Robin	ssp		RA	-							RA	-
AVES	PHALACROCOCORACIDAE	<i>Phalacrocorax carbo</i>	Great Cormorant			RA	-	RA	0	RA	-	RA	-		
AVES	PHALACROCOCORACIDAE	<i>Phalacrocorax varius</i>	Pied Cormorant			RA	-			RA	-	RA	-		
AVES	RALLIDAE	<i>Porphyrio porphyrio</i>	Purple Sw amphen			RA	-			RA	0	RA	--		
AVES	RALLIDAE	<i>Porzana fluminea</i>	Australian Spotted Crane			RA	-	RA	DD	RA	-	RA	-		
AVES	SCOLOPACIDAE	<i>Calidris acuminata</i>	Sharp-tailed Sandpiper			RA	-	RA	-	RA	-	RA	-		
AVES	SCOLOPACIDAE	<i>Calidris ruficollis</i>	Red-necked Stint			RA	-			RA	-	RA	-		
AVES	THRESKIORNITHIDAE	<i>Plegadis falcinellus</i>	Glossy Ibis	R		RA	-			RA	-	RA	-		
AVES	ACANTHIZIDAE	<i>Pyrholaemus brunneus</i>	Redthroat			RA	0	RA	0	VU	DD	RA	DD	DD	DD
AVES	ACANTHIZIDAE	<i>Sericornis frontalis</i>	White-brow ed Scrubw ren			RA	0					RA	0	RA	0
AVES	ACCIPTRIDAE	<i>Circus approximans</i>	Sw amp Harrier			RA	0	NT	0	VU	-	VU	-	NT	0
AVES	ALAUDIDAE	<i>Mirafra javanica</i>	Horsfield's Bushlark			RA	0					RA	0	RA	0
AVES	ANATIDAE	<i>Anas castanea</i>	Chestnut Teal			RA	0	RA	DD	RA	0	RA	0		
AVES	ANATIDAE	<i>Cereopsis novaehollandiae</i>	Cape Barren Goose	R		RA	0					RA	0		
AVES	ANHINGIDAE	<i>Anhinga novaehollandiae</i>	Australasian Darter	R		RA	0	RA	0	RA	-	RA	0		
AVES	ARTAMIDAE	<i>Artamus leucorhynchus</i>	White-breasted Woodsw allow			RA	0	RA	DD	RA	0	RA	DD		
AVES	CORCORACIDAE	<i>Corcorax melanorhamphos</i>	White-w inged Chough	R		RA	0	RA	DD	RA	DD	NT	+	RA	-
AVES	FALCONIDAE	<i>Falco peregrinus</i>	Peregrine Falcon	R		RA	0	RA	0	RA	0	RA	0	RA	0
AVES	GLAREOLIDAE	<i>Stiltia isabella</i>	Australian Pratincole			RA	0	RA	0	RA	0	RA	0		
AVES	HALCYONIDAE	<i>Todiramphus pyrrhopygius</i>	Red-backed Kingfisher			RA	0	RA	0	RA	0	RA	-	RA	-
AVES	HIRUNINIDAE	<i>Petrochelidon ariel</i>	Fairy Martin			RA	0	RA	0	RA	DD	RA	DD		
AVES	MELIPHAGIDAE	<i>Acanthorhynchus tenuirostris</i>	Eastern Spinebill			RA	0			RA	DD	RA	0		
AVES	MELIPHAGIDAE	<i>Certhionyx variegatus</i>	Pied Honeyeater			RA	0	RA	0	RA	0	RA	0		
AVES	MELIPHAGIDAE	<i>Epthianura aurifrons</i>	Orange Chat			RA	0	RA	0	RA	0	RA	0	RA	0
AVES	PETROICIDAE	<i>Melanodryas cucullata</i>	Hooded Robin	ssp		RA	0	RA	0	RA	0	RA	-	RA	-
AVES	PSITTACIDAE	<i>Neophema chrysostoma</i>	Blue-w inged Parrot	V		RA	0	RA	0	RA	0	RA	0	RA	0
AVES	MELIPHAGIDAE	<i>Philemon citreogularis</i>	Little Friarbird	R		RA	+			RA	+	RA	DD		
AVES	PETROICIDAE	<i>Eopsaltria australis</i>	Eastern Yellow Robin			RA	+							RA	+
AVES	MELIPHAGIDAE	<i>Entomyzon cyanotis</i>	Blue-faced Honeyeater	R		RA	++			RA	++	RA	DD	RA	DD
AVES	ACANTHIZIDAE	<i>Gerygone albugularis</i>	White-throated Gerygone	R		RA	DD							RA	DD
AVES	ARDEIDAE	<i>Ardea ibis</i>	Cattle Egret	R		RA	DD					RA	DD		
AVES	COLUMBIDAE	<i>Geopelia cuneata</i>	Diamond Dove			RA	DD			RA	DD	RA	DD		
AVES	HIRUNINIDAE	<i>Cheramoeca leucosterna</i>	White-backed Sw allow			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
AVES	MELIPHAGIDAE	<i>Lichenostomus plumulus</i>	Grey-fronted Honeyeater			RA	DD	DD	DD	DD	RA	DD	DD	DD	DD
AVES	MELIPHAGIDAE	<i>Sugomel niger</i>	Black Honeyeater			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
AVES	ORIOIDAE	<i>Oriolus sagittatus</i>	Olive-backed Oriole	R		RA	DD	RA	DD	RA	DD	RA	DD		
AVES	PETROICIDAE	<i>Petroica rosea</i>	Rose Robin			RA	DD					RA	DD	RA	DD
AVES	RECURVIROSTRIDAE	<i>Cladorhynchus leucocephalus</i>	Banded Stilt	V		RA	DD			RA	DD	RA	DD		
AVES	RECURVIROSTRIDAE	<i>Recurvirostra novaehollandiae</i>	Red-necked Avocet			RA	DD	RA	DD	RA	DD	RA	DD		
AVES	SCOLOPACIDAE	<i>Actitis hypoleucos</i>	Common Sandpiper	R		RA	DD			RA	DD	RA	DD		
AVES	ACCIPTRIDAE	<i>Elanus axillaris</i>	Black-shouldered Kite			NT	--	NT	--	NT	--	NT	--	NT	--
AVES	ACROCEPHALIDAE	<i>Acrocephalus australis</i>	Australian Reed-Warbler			NT	-			NT	-	NT	-		
AVES	ARDEIDAE	<i>Egretta novaehollandiae</i>	White-faced Heron			NT	-	RA	-	NT	-	NT	-	RA	-
AVES	CAMPEPHAGIDAE	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike			NT	-	LC	0	NT	-	NT	-	NT	-
AVES	CAMPEPHAGIDAE	<i>Lalage sueurii</i>	White-w inged Triller			NT	-	NT	-	NT	-	NT	-	NT	-
AVES	CHARADRIIDAE	<i>Vanellus tricolor</i>	Banded Lapw ing			NT	-	LC	-	NT	-	NT	-	NT	-
AVES	CUCULIDAE	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo			NT	-	RA	DD	RA	DD	NT	-	NT	-
AVES	EUROSTOPODIDAE	<i>Eurostopodus argus</i>	Spotted Nightjar			NT	-	NT	DD	NT	DD	RA	-	RA	DD
AVES	MEGALURIDAE	<i>Megalurus gramineus</i>	Little Grassbird			NT	-	RA	DD	NT	-	NT	-		
AVES	MELIPHAGIDAE	<i>Plectorhyncha lanceolata</i>	Striped Honeyeater	R		NT	-	NT	DD	NT	DD	RA	-	RA	DD
AVES	NECTARINIDAE	<i>Dicaeum hirundinaceum</i>	Mistletoebird			NT	-	NT	-	NT	-	NT	DD	NT	DD
AVES	NEOSITTIDAE	<i>Daphoenositta chrysoptera</i>	Varied Sittella			NT	-	LC	0	NT	-	NT	-	NT	-
AVES	PACHYCEPHALIDAE	<i>Oreoica gutturalis</i>	Crested Bellbird			NT	-	LC	0	RA	-	RA	-	RA	-
AVES	PACHYCEPHALIDAE	<i>Pachycephala pectoralis</i>	Golden Whistler			NT	-	NT	DD	RA	DD	RA	-	NT	DD
AVES	PELECANIDAE	<i>Pelecanus conspicillatus</i>	Australian Pelican			NT	-	RA	0	LC	-	LC	-		
AVES	PHALACROCOCORACIDAE	<i>Microcarbo melanoleucos</i>	Little Pied Cormorant			NT	-	RA	0	NT	-	NT	-		
AVES	PHALACROCOCORACIDAE	<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant			NT	-	RA	0	NT	-	NT	-		
AVES	PSITTACIDAE	<i>Melopsittacus undulatus</i>	Budgerigar			NT	-	LC	0	NT	-	NT	-	NT	-
AVES	RALLIDAE	<i>Fulica atra</i>	Eurasian Coot			NT	-	RA	DD	NT	-	NT	-	RA	DD
AVES	RHIPIDURIDAE	<i>Rhipidura albiscapa</i>	Grey Fantail			NT	-	RA	DD	LC	0	NT	-	NT	-
AVES	TIMALIIDAE	<i>Zosterops lateralis</i>	Silvereye			NT	-			NT	--	NT	-	NT	-
AVES	ACANTHIZIDAE	<i>Acanthiza pusilla</i>	Brown Thornbill			NT	0					RA	0	LC	0

Appendix 11 a). Fauna species for the entire project area, from most to least threatened (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AVES	ACANTHIZIDAE	<i>Acanthiza reguloides</i>	Buff-rumped Thornbill			NT	0					RA	DD	LC	0
AVES	ACANTHIZIDAE	<i>Aphelocephala leucopsis</i>	Southern Whiteface			NT	0	LC	0	LC	0	NT	-	RA	-
AVES	ACCIPTRIDAE	<i>Circus assimilis</i>	Spotted Harrier			NT	0	NT	0	NT	0	NT	0	NT	0
AVES	ACCIPTRIDAE	<i>Elanus scriptus</i>	Letter-winged Kite		R	NT	0					NT	0		
AVES	ANATIDAE	<i>Aythya australis</i>	Hardhead			NT	0	RA	DD	NT	0	NT	0		
AVES	ANATIDAE	<i>Tadorna tadornoides</i>	Australian Shelduck			NT	0			LC	0	LC	0	RA	+
AVES	ARTAMIDAE	<i>Artamus cinereus</i>	Black-faced Woodswallow			NT	0	LC	0	RA	0	NT	DD		
AVES	CLIMACTERIDAE	<i>Cormobates leucophaea</i>	White-throated Treecreeper			NT	0							NT	0
AVES	CUCULIDAE	<i>Chalcites osculans</i>	Black-eared Cuckoo			NT	0	NT	0	NT	0	RA	-	RA	-
AVES	HALCYONIDAE	<i>Todiramphus sanctus</i>	Sacred Kingfisher			NT	0	RA	0	NT	0	NT	0	NT	0
AVES	MALURIDAE	<i>Malurus splendens</i>	Splendid Fairy-wren			NT	0	LC	0	RA	DD	NT	DD	NT	DD
AVES	MEGALURIDAE	<i>Cincloramphus cruralis</i>	Brown Songlark			NT	0	RA	DD	RA	DD	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Anthochaera chrysoptera</i>	Little Wattlebird			NT	0					RA	DD	LC	0
AVES	MELIPHAGIDAE	<i>Lichenostomus chrysops</i>	Yellow-faced Honeyeater			NT	0					RA	DD	LC	0
AVES	MELIPHAGIDAE	<i>Melithreptus lunatus</i>	White-naped Honeyeater			NT	0					RA	DD	LC	0
AVES	MELIPHAGIDAE	<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater			NT	0			RA	+	LC	0	LC	0
AVES	PETROICIDAE	<i>Microeca fascians</i>	Jacky Winter		ssp	NT	0	LC	0	RA	DD	RA	-	NT	DD
AVES	PODICIPEDIDAE	<i>Poliiocephalus poliiocephalus</i>	Hoary-headed Grebe			NT	0	RA	0	LC	0	LC	0		
AVES	PSOPHODIDAE	<i>Cinlosoma castanotum</i>	Chestnut Quail-thrush		ssp	NT	0	LC	0	LC	0	RA	-	RA	-
AVES	STRIGIDAE	<i>Ninox novaeseelandiae</i>	Southern Boobook			NT	0	LC	0	LC	0	RA	-	NT	-
AVES	ARTAMIDAE	<i>Cracticus nigrogularis</i>	Pied Butcherbird			NT	+	RA	+	LC	0	RA	+		
AVES	ARTAMIDAE	<i>Strepera versicolor</i>	Grey Currawong		ssp	NT	+	LC	0	RA	+	NT	DD	NT	DD
AVES	PSITTACIDAE	<i>Glossopsitta concinna</i>	Musk Lorikeet			NT	+			RA	+	RA	+	LC	0
AVES	PSITTACIDAE	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet			NT	+			RA	+	RA	+	LC	0
AVES	CORVIDAE	<i>Corvus tasmanicus</i>	Forest Raven			NT	DD							NT	DD
AVES	ANATIDAE	<i>Cygnus atratus</i>	Black Swan			LC	-			LC	-	LC	-		
AVES	ANATIDAE	<i>Malacorhynchus membranaceus</i>	Pink-eared Duck			LC	-	LC	0	LC	-	LC	-		
AVES	CUCULIDAE	<i>Chalcites basalis</i>	Horsfield's Bronze-cuckoo			LC	-	LC	-	LC	-	LC	-	LC	-
AVES	LARIDAE	<i>Chroicocephalus novaehollandiae</i>	Silver Gull			LC	-			LC	-	LC	-		
AVES	ACANTHIZIDAE	<i>Acanthiza apicalis</i>	Inland Thornbill			LC	0	LC	0	LC	0	NT	-	LC	0
AVES	ACANTHIZIDAE	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACANTHIZIDAE	<i>Acanthiza lineata</i>	Striated Thornbill			LC	0							LC	0
AVES	ACANTHIZIDAE	<i>Acanthiza uropygialis</i>	Chestnut-rumped Thornbill			LC	0	LC	0	LC	0	LC	-	LC	-
AVES	ACANTHIZIDAE	<i>Smicronis brevirostris</i>	Weebill			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Accipiter cirrocephalus</i>	Collared Sparrowhawk			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Accipiter fasciatus</i>	Brown Goshawk			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Aquila audax</i>	Wedge-tailed Eagle			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Haliastur sphenurus</i>	Whistling Kite			LC	0	NT	0	LC	0	LC	0	NT	0
AVES	AEGOTHELIDAE	<i>Aegotheles cristatus</i>	Australian Owllet-nightjar			LC	0	LC	0	LC	0	LC	-	LC	-
AVES	ANATIDAE	<i>Anas gracilis</i>	Grey Teal			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ARTAMIDAE	<i>Artamus cyanopterus</i>	Dusky Woodswallow			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	ARTAMIDAE	<i>Artamus personatus</i>	Masked Woodswallow			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ARTAMIDAE	<i>Artamus superciliosus</i>	White-browed Woodswallow			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	ARTAMIDAE	<i>Cracticus tibicen</i>	Australian Magpie			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ARTAMIDAE	<i>Cracticus torquatus</i>	Grey Butcherbird			LC	0	LC	0	LC	0	NT	-	LC	0
AVES	CACATUIDAE	<i>Cacatua tenuirostris</i>	Long-billed Corella			LC	0							LC	0
AVES	CACATUIDAE	<i>Eolophus roseicapillus</i>	Galah			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	CASUARIDAE	<i>Dromaius novaehollandiae</i>	Emu			LC	0	LC	0	LC	0	LC	-	LC	0
AVES	CLIMACTERIDAE	<i>Climacteris picumnus</i>	Brown Treecreeper			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	COLUMBIDAE	<i>Geopelia placida</i>	Peaceful Dove			LC	0	NT	DD	LC	0	LC	0	NT	DD
AVES	COLUMBIDAE	<i>Ocyphaps lophotes</i>	Crested Pigeon			LC	0	LC	0	LC	+	LC	0	LC	0
AVES	COLUMBIDAE	<i>Phaps chalcoptera</i>	Common Bronzewing			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	CORVIDAE	<i>Corvus coronoides</i>	Australian Raven			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	CUCULIDAE	<i>Cacomantis pallidus</i>	Pallid Cuckoo			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	FALCONIDAE	<i>Falco berigora</i>	Brown Falcon			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	FALCONIDAE	<i>Falco cenchroides</i>	Nankeen Kestrel			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	FALCONIDAE	<i>Falco longipennis</i>	Australian Hobby			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	HALCYONIDAE	<i>Dacelo novaeguineae</i>	Laughing Kookaburra			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	HIRUNDINIDAE	<i>Hirundo neoxena</i>	Welcome Swallow			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	HIRUNDINIDAE	<i>Petrochelidon nigricans</i>	Tree Martin			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	MALURIDAE	<i>Malurus cyaneus</i>	Superb Fairy-wren			LC	0			LC	0	LC	0	LC	0
AVES	MALURIDAE	<i>Malurus lamberti</i>	Variiegated Fairy-wren			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MALURIDAE	<i>Malurus leucopterus</i>	White-winged Fairy-wren			LC	0	LC	0	LC	0	NT	0		
AVES	MELIPHAGIDAE	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Anthochaera carunculata</i>	Red Wattlebird			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Epthianura albifrons</i>	White-fronted Chat			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Lichenostomus leucotis</i>	White-eared Honeyeater			LC	0	LC	0	LC	0	RA	-	LC	-
AVES	MELIPHAGIDAE	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater			LC	0	LC	0	LC	0	LC	-	LC	-
AVES	MELIPHAGIDAE	<i>Lichenostomus penicillatus</i>	White-plumed Honeyeater			LC	0	RA	DD	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Lichenostomus virescens</i>	Singing Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0

Appendix 11 a). Fauna species for the entire project area, from most to least threatened (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AVES	MELIPHAGIDAE	<i>Manorina flavigula</i>	Yellow-throated Miner			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Manorina melanocephala</i>	Noisy Miner			LC	0	DD	DD	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Melithreptus brevirostris</i>	Brown-headed Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Purnella albifrons</i>	White-fronted Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MEROPIDAE	<i>Merops ornatus</i>	Rainbow Bee-eater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MONARCHIDAE	<i>Grallina cyanoleuca</i>	Magpie-lark			LC	0	RA	0	LC	0	LC	0	LC	0
AVES	MOTACILLIDAE	<i>Anthus novaeseelandiae</i>	Australasian Pipit			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PACHYCEPHALIDAE	<i>Colluricincla harmonica</i>	Grey Shrike-thrush			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PARDALOTIDAE	<i>Pardalotus punctatus</i>	Spotted Pardalote			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PARDALOTIDAE	<i>Pardalotus striatus</i>	Striated Pardalote			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PETROICIDAE	<i>Petroica goodenovii</i>	Red-capped Robin			LC	0	LC	0	LC	0	NT	-	LC	0
AVES	PHASIANIDAE	<i>Coturnix pectoralis</i>	Stubble Quail			LC	0	DD	DD	DD	DD	LC	0	LC	0
AVES	PODARGIDAE	<i>Podargus strigoides</i>	Tawny Frogmouth			LC	0	LC	DD	LC	DD	LC	0	LC	DD
AVES	PODICIPEDIDAE	<i>Tachybaptus novaehollandiae</i>	Australasian Grebe			LC	0	LC	0	LC	-	LC	-	RA	0
AVES	POMATOSTOMIDAE	<i>Pomatostomus ruficeps</i>	Chestnut-crowned Babbler			LC	0	LC	0	LC	0	NT	-	DD	DD
AVES	POMATOSTOMIDAE	<i>Pomatostomus superciliosus</i>	White-browed Babbler			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PSITTACIDAE	<i>Barnardius zonarius</i>	Australian Ringneck			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PSITTACIDAE	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	PSITTACIDAE	<i>Northiella haematogaster</i>	Blue Bonnet	ssp		LC	0	LC	0	LC	0	NT	-	NT	-
AVES	PSITTACIDAE	<i>Platycercus elegans</i>	Crimson Rosella			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PSITTACIDAE	<i>Platycercus eximius</i>	Eastern Rosella			LC	0							LC	0
AVES	PSITTACIDAE	<i>Psephotus haematonotus</i>	Red-rumped Parrot			LC	0	RA	0	LC	0	LC	0	LC	0
AVES	PSITTACIDAE	<i>Psephotus varius</i>	Mulga Parrot			LC	0	LC	0	LC	0	NT	0	LC	0
AVES	RALLIDAE	<i>Tribonyx ventralis</i>	Black-tailed Native-hen			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	RHIPIDURIDAE	<i>Rhipidura leucophrys</i>	Willie Wagtail			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	TURNICIDAE	<i>Turnix velox</i>	Little Button-quail			LC	0	LC	0			DD	DD	DD	DD
AVES	ACCIPITRIDAE	<i>Milvus migrans</i>	Black Kite			LC	+	LC	+	LC	+	LC	++	LC	+
AVES	ANATIDAE	<i>Chenonetta jubata</i>	Australian Wood Duck			LC	+	LC	+	LC	+	LC	+	LC	+
AVES	CACATUIDAE	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo			LC	+	LC	0	LC	++	LC	+	LC	0
AVES	CHARADRIIDAE	<i>Vanellus miles</i>	Masked Lapwing			LC	+	LC	+	LC	0	LC	+	LC	+
AVES	CORVIDAE	<i>Corvus mellori</i>	Little Raven			LC	+	RA	+	LC	+	LC	+	LC	+
AVES	TYTONIDAE	<i>Tyto javanica</i>	Eastern Barn Owl			LC	+	RA	DD	LC	DD	LC	+	LC	+
AVES	CACATUIDAE	<i>Cacatua sanguinea</i>	Little Corella			LC	++	LC	+	LC	++	LC	++	LC	++
AVES	MELIPHAGIDAE	<i>Epthianura tricolor</i>	Crimson Chat			LC	DD	LC	DD	LC	DD	LC	DD	LC	DD
AVES	ACANTHIZIDAE	<i>Gerygone fusca</i>	Western Gerygone		R	DD	DD			DD	DD				
AVES	PHASIANIDAE	<i>Coturnix ypsilophora</i>	Brown Quail		V	DD	DD			DD	DD				
AVES	TYTONIDAE	<i>Tyto novaehollandiae</i>	Masked Owl		E	DD	DD					DD	DD		
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus calcicolus</i>	South Coast Gecko			VU	-					VU	-		
REPTILIA	ELAPIDAE	<i>Echiopsis curta</i>	Bardick		R	VU	-	VU	-	VU	-			VU	-
REPTILIA	ELAPIDAE	<i>Notechis scutatus</i>	Eastern Tiger Snake	ssp		VU	-			VU	-	VU	-	RA	-
REPTILIA	ELAPIDAE	<i>Pseudechis porphyriacus</i>	Red-bellied Black Snake			VU	-					VU	-		
REPTILIA	BODAE	<i>Morelia spilota</i>	Carpet Python		R	RA	-	RA	-	NT	0	RA	-		
REPTILIA	CHELIDAE	<i>Chelodina expansa</i>	Broad-shelled Tortoise		V	RA	-			RA	-	RA	-		
REPTILIA	PYGOPODIDAE	<i>Delma inornata</i>	Olive Snake-lizard			RA	-					RA	-		
REPTILIA	VARANIDAE	<i>Varanus rosenbergi</i>	Heath Goanna		V	RA	-							RA	-
REPTILIA	AGAMIDAE	<i>Ctenophorus decresii</i>	Tawny Dragon			RA	0					RA	0		
REPTILIA	DIPLODACTYLIDAE	<i>Lucasium byrnei</i>	Pink-blotched Gecko			RA	0	RA	0						
REPTILIA	PYGOPODIDAE	<i>Delma mollerii</i>	Adelaide Snake-lizard			RA	0					RA	0		
REPTILIA	PYGOPODIDAE	<i>Pygopus schraderi</i>	Hooded Scaly-foot			RA	0	RA	0						
REPTILIA	SCINCIDAE	<i>Bassiana duperreyi</i>	Eastern Three-lined Skink			RA	0							RA	0
REPTILIA	SCINCIDAE	<i>Ctenotus olympicus</i>	Saltbush Ctenotus			RA	0	RA	0	RA	0				
REPTILIA	SCINCIDAE	<i>Ctenotus strachii</i>	Short-legged Ctenotus			RA	0					RA	0		
REPTILIA	SCINCIDAE	<i>Lampropholis guichenoti</i>	Garden Skink			RA	0					RA	0	RA	0
REPTILIA	SCINCIDAE	<i>Lerista labialis</i>	Eastern Two-toed Slider			RA	0	RA	0						
REPTILIA	CHELIDAE	<i>Chelodina longicollis</i>	Common Long-necked Tortoise			NT	-			NT	-	NT	-		
REPTILIA	CHELIDAE	<i>Emydura macquarii</i>	Macquarie Tortoise		V	NT	-			NT	-	NT	-		
REPTILIA	ELAPIDAE	<i>Brachyurophis australis</i>	Coral Snake			NT	-	LC	0	RA	-	RA	-		
REPTILIA	AGAMIDAE	<i>Tympanocryptis lineata</i>	Five-lined Earless Dragon			NT	0	RA	0			NT	DD	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus vittatus (revised)</i>	Eastern Stone Gecko			NT	0	RA	0			LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Rhynchoedura ornata</i>	Beaked Gecko			NT	0	LC	0	RA	0				
REPTILIA	DIPLODACTYLIDAE	<i>Strophurus elderi</i>	Jewelled Gecko			NT	0	LC	0	RA	0				
REPTILIA	DIPLODACTYLIDAE	<i>Strophurus intermedius</i>	Southern Spiny-tailed Gecko			NT	0	RA	0			LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Strophurus williamsi</i>	Eastern Spiny-tailed Gecko			NT	0	LC	0	RA	-				
REPTILIA	ELAPIDAE	<i>Parasuta spectabilis</i>	Mallee Black-headed Snake			NT	0	RA	0			RA	0	LC	0
REPTILIA	ELAPIDAE	<i>Pseudechis australis</i>	Mulga Snake			NT	0	LC	0	RA	0				
REPTILIA	ELAPIDAE	<i>Pseudonaja aspidorhyncha</i>	Patch-nosed Brown Snake			NT	0	LC	0	LC	0	RA	0		
REPTILIA	ELAPIDAE	<i>Pseudonaja modesta</i>	Five-ringed Snake			NT	0	LC	0	RA	0				
REPTILIA	GEKKONIDAE	<i>Gehyra lazelli</i>	Southern Rock Dotted Gecko			NT	0	RA	0	RA	0	LC	0		
REPTILIA	PYGOPODIDAE	<i>Aprasia inaurita</i>	Red-tailed Worm-lizard			NT	0	LC	0	RA	0	DD	DD	LC	0
REPTILIA	PYGOPODIDAE	<i>Aprasia striolata</i>	Lined Worm-lizard			NT	0					RA	0	LC	0

Appendix 11 a). Fauna species for the entire project area, from most to least threatened (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
REPTILIA	PYGOPODIDAE	<i>Pygopus lepidopodus</i>	Common Scaly-foot			NT	0	RA	0					LC	0
REPTILIA	SCINCIDAE	<i>Cryptoblepharus australis</i>	Desert Wall Skink			NT	0	LC	0	RA	DD				
REPTILIA	SCINCIDAE	<i>Ctenotus atlas</i>	Southern Spinifex Ctenotus			NT	0	LC	0			RA	0		
REPTILIA	SCINCIDAE	<i>Ctenotus orientalis</i>	Spotted Ctenotus			NT	0	RA	0	RA	DD	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus robustus</i>	Eastern Striped Skink			NT	0	RA	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus schomburgkii</i>	Sandplain Ctenotus			NT	0	LC	0	LC	0	RA	0		
REPTILIA	SCINCIDAE	<i>Ctenotus taeniatus</i>	Eyrean Ctenotus			NT	0	RA	0			RA	0	LC	0
REPTILIA	SCINCIDAE	<i>Egernia striolata</i>	Eastern Tree Skink			NT	0	LC	0	LC	0	RA	0		
REPTILIA	SCINCIDAE	<i>Eulamprus quoyii</i>	Eastern Water Skink			NT	0			NT	0	NT	0		
REPTILIA	SCINCIDAE	<i>Hemiergis peronii</i>	Four-toed Earless Skink			NT	0					LC	0	RA	DD
REPTILIA	SCINCIDAE	<i>Lampropholis delicata</i>	Delicate Skink			NT	0					RA	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista bougainvillii</i>	Bougainville's Skink			NT	0	RA	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista dorsalis</i>	Southern Four-toed Slider			NT	0	RA	0			LC	0		
REPTILIA	SCINCIDAE	<i>Morethia adelaidensis</i>	Adelaide Snake-eye			NT	0	RA	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Tiliqua scincoides</i>	Eastern Bluetongue			NT	0					LC	0	RA	0
REPTILIA	VARANIDAE	<i>Varanus varius</i>	Lace Monitor	R		NT	0			NT	0	RA	DD		
REPTILIA	AGAMIDAE	<i>Amphibolurus norrisi</i>	Mallee Tree-dragon			LC	0					LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Ctenophorus fordii</i>	Mallee Dragon			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Ctenophorus pictus</i>	Painted Dragon			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Diporiphora nobbi</i>	Nobbi Dragon			LC	0	LC	0	RA	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Pogona barbata</i>	Eastern Bearded Dragon			LC	0					LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Pogona vitticeps</i>	Central Bearded Dragon			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	CARPHODACTYLIDAE	<i>Nephurus levis</i>	Smooth Knob-tailed Gecko			LC	0	LC	0						
REPTILIA	CARPHODACTYLIDAE	<i>Nephurus milii</i>	Barking Gecko			LC	0	RA	0	LC	0	LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus furcosus</i>	Ranges Stone Gecko			LC	0	LC	0	LC	0	LC	0		
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus tessellatus</i>	Tessellated Gecko			LC	0	LC	0	LC	0				
REPTILIA	DIPLODACTYLIDAE	<i>Lucasium damaeum</i>	Beaded Gecko			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Oedura marmorata</i>	Marbled Velvet Gecko	R		LC	0	LC	0						
REPTILIA	ELAPIDAE	<i>Drysdalia mastersii</i>	Master's Snake			LC	0							LC	0
REPTILIA	ELAPIDAE	<i>Parasuta nigriceps</i>	Mitchell's Short-tailed Snake			LC	0	LC	0	RA	-	LC	0	LC	0
REPTILIA	ELAPIDAE	<i>Pseudonaja textilis</i>	Eastern Brown Snake			LC	0	RA	0	LC	0	LC	0	LC	0
REPTILIA	ELAPIDAE	<i>Suta suta</i>	Curl Snake			LC	0	LC	0	LC	0				
REPTILIA	ELAPIDAE	<i>Vermicella annulata</i>	Common Bandy Bandy	R		LC	0	LC	0	DD	DD	DD	DD		
REPTILIA	GEKKONIDAE	<i>Christinus marmoratus</i>	Marbled Gecko			LC	0	RA	0	LC	0	LC	0	LC	0
REPTILIA	GEKKONIDAE	<i>Gehyra variegata</i>	Tree Drella			LC	0	LC	0	LC	0	LC	0		
REPTILIA	GEKKONIDAE	<i>Heteronotia binoei</i>	Bynoe's Gecko			LC	0	LC	0	LC	0	LC	0	RA	0
REPTILIA	PYGOPODIDAE	<i>Delma australis</i>	Barred Snake-lizard			LC	0	LC	0			LC	0	LC	0
REPTILIA	PYGOPODIDAE	<i>Delma butleri</i>	Spinifex Snake-lizard			LC	0	LC	0			LC	0	LC	0
REPTILIA	PYGOPODIDAE	<i>Lialis burtonis</i>	Burton's Legless Lizard			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Cryptoblepharus pannosus</i>	Speckled Wall Skink			LC	0	LC	0	LC	0	LC	0	RA	0
REPTILIA	SCINCIDAE	<i>Ctenotus brachyonyx</i>	Brown Ctenotus			LC	0	LC	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus regius</i>	Eastern Desert Ctenotus			LC	0	LC	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Cyclodomorphus melanops</i>	Spinifex Slender Bluetongue			LC	0	LC	0						
REPTILIA	SCINCIDAE	<i>Eremiascincus richardsonii</i>	Broad-banded Sandswimmer			LC	0	LC	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Hemiergis decresiensis</i>	Three-toed Earless Skink			LC	0					LC	0		
REPTILIA	SCINCIDAE	<i>Hemiergis millewae</i>	Rusty Earless Skink			LC	0					LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista aericeps</i>	Yellow-tailed Slider			LC	0	LC	0						
REPTILIA	SCINCIDAE	<i>Lerista punctatovittata</i>	Spotted Slider			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista timida</i>	Dwarf Three-toed Slider			LC	0	LC	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Liopholis inornata</i>	Desert Skink			LC	0	LC	0			NT	-	LC	0
REPTILIA	SCINCIDAE	<i>Menetia greyii</i>	Dwarf Skink			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Morethia boulengeri</i>	Common Snake-eye			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Morethia obscura</i>	Mallee Snake-eye			LC	0	LC	0	RA	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Tiliqua occipitalis</i>	Western Bluetongue			LC	0	LC	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Tiliqua rugosa</i>	Sleepy Lizard			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	TYPHLOPIDAE	<i>Ramphotyphlops bicolor</i>	Southern Blind Snake			LC	0	LC	0	DD	DD	LC	0	LC	0
REPTILIA	TYPHLOPIDAE	<i>Ramphotyphlops bituberculatus</i>	Rough-nosed Blind Snake			LC	0	LC	0	LC	0	LC	0	RA	0
REPTILIA	VARANIDAE	<i>Varanus gouldii</i>	Sand Goanna			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	ELAPIDAE	<i>Demansia psammophis</i>	Yellow-faced Whipsnake			DD	DD	DD	DD	DD	DD	DD	DD		
AMPHIBIA	MYOBATRACHIDAE	<i>Pseudophryne bibronii</i>	Brown Toadlet		R	RA	-							RA	-
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes peronii</i>	Striped Marsh Frog			RA	0							RA	0
AMPHIBIA	HYLIDAE	<i>Litoria raniformis</i>	Southern Bell Frog	VU	V	NT	-	RA	-	NT	-	NT	-	RA	-
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes fletcheri</i>	Long-thumbed Frog			NT	-	RA	0	NT	-	NT	-		
AMPHIBIA	HYLIDAE	<i>Litoria ewingii</i>	Brown Tree Frog			NT	0					NT	-	RA	0
AMPHIBIA	HYLIDAE	<i>Litoria peronii</i>	Peron's Tree Frog			NT	0	RA	0	NT	0	NT	0	RA	0
AMPHIBIA	MYOBATRACHIDAE	<i>Crinia parinsignifera</i>	Murray Valley Froglet			NT	0	RA	0	NT	0	NT	0		
AMPHIBIA	MYOBATRACHIDAE	<i>Crinia signifera</i>	Common Froglet			NT	0	RA	0	NT	0	NT	0	RA	0
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes dumerilii</i>	Banjo Frog			NT	0	RA	0	NT	0	LC	0	LC	0
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes tasmaniensis</i>	Spotted Marsh Frog			LC	0	LC	0	LC	0	LC	0	LC	0
AMPHIBIA	MYOBATRACHIDAE	<i>Neobatrachus pictus</i>	Burrowing Frog			LC	0	LC	0	LC	0	LC	0	LC	0
AMPHIBIA	MYOBATRACHIDAE	<i>Neobatrachus sudelli</i>	Sudell's Frog			LC	0	LC	0	LC	0	LC	0	RA	0

Appendix 11 a). Fauna species for the entire project area, from most to least threatened (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias rostratus</i>	Flathead Galaxias			RE						RE			
OSTEICHTHYES	PERCICHTHYIDAE	<i>Maccullochella macquariensis</i>	Trout Cod	EN	EX	RE				RE		RE			
OSTEICHTHYES	PERCICHTHYIDAE	<i>Macquaria australasica</i>	Macquarie Perch		EX	RE				RE		RE			
OSTEICHTHYES	ANGUILLIDAE	<i>Anguilla australis australis</i>	Short-finned Eel			CR	--			CR	--	CR	--		
OSTEICHTHYES	ATHERINIDAE	<i>Craterocephalus fluviatilis</i>	Murray Hardyhead	VU		CR	--			CR	--	CR	--		
OSTEICHTHYES	BOVICHTHYIDAE	<i>Pseudaphritis urvillii</i>	Congolli			CR	--			RE		CR	--		
OSTEICHTHYES	ELEOTRIDAE	<i>Mogurnda adspersa</i>	Southern Purple-Spotted Gudgeon			CR	--			RE		CR	--		
OSTEICHTHYES	GADOPSIDAE	<i>Gadopsis marmoratus</i>	River Blackfish			CR	--			RE		CR	--		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias brevipinnis</i>	Climbing Galaxias			CR	--					CR	--		
CEPHALASPIDOMORPHI	GEOTRIIDAE	<i>Geotria australis</i>	Pouched Lamprey			CR	--			CR	--	CR	--		
CEPHALASPIDOMORPHI	MORDACIIDAE	<i>Mordacia mordax</i>	Short-headed Lamprey			CR	--			CR	--	CR	--		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Macquaria colonorum</i>	Estuary Perch			CR	--					CR	--		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Nannoperca australis</i>	Southern Pigmy Perch			CR	--					CR	--		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Nannoperca obscura</i>	Yarra Pigmy Perch	VU		CR	--					CR	--		
OSTEICHTHYES	AMBASSIDAE	<i>Ambassis agassizii</i>	Agassiz's Glassfish			CR	0			CR	0	CR	--		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias olidus</i>	Mountain Galaxias			EN	--					EN	--		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Maccullochella peelii peelii</i>	Murray Cod	VU		EN	--			EN	--	CR	--		
OSTEICHTHYES	PLOTOSIDAE	<i>Tandanus tandanus</i>	Freshwater Catfish			EN	--			EN	--	EN	--		
OSTEICHTHYES	TERAPONTIDAE	<i>Bidyanus bidyanus</i>	Silver Perch			EN	--			EN	--	CR	--		
OSTEICHTHYES	ATHERINIDAE	<i>Atherinosoma microstoma</i>	Smallmouth Hardyhead			VU	--					VU	--		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias maculatus</i>	Common Galaxias			VU	--					VU	--		
OSTEICHTHYES	GOBIIDAE	<i>Pseudogobius olorum</i>	Western Bluespot Goby			VU	--					VU	--		
OSTEICHTHYES	GOBIIDAE	<i>Tasmanogobius lasti</i>	Lagoon goby			VU	--					VU	--		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Macquaria ambigua ambigua</i>	Murray-Darling Golden Perch			VU	--			VU	--	VU	--		
OSTEICHTHYES	ELEOTRIDAE	<i>Philypnodon macrostomus</i>	Dwarf Flathead Gudgeon			NT	0			NT	0	NT	--		
OSTEICHTHYES	CLUPEIDAE	<i>Nematalosa erebi</i>	Bony Herring			LC	0			LC	0	LC	0		
OSTEICHTHYES	ELEOTRIDAE	<i>Philypnodon grandiceps</i>	Flathead Gudgeon			LC	0			LC	0	LC	0		
OSTEICHTHYES	MELANOTAENIDAE	<i>Melanotaenia fluviatilis</i>	Murray Rainbow Fish			LC	0			LC	+	NT	--		
OSTEICHTHYES	RETROPINNIDAE	<i>Retropinna semoni</i>	Smelt			LC	0			LC	0	LC	0		
OSTEICHTHYES	ATHERINIDAE	<i>Craterocephalus stercusmuscarum fulvus</i>	Unspecked Hardyhead			LC	+			LC	++	NT	--		

Appendix 11. b). Fauna species list for the project area, in taxonomic sequence. Status ratings and trends are shown for the Murraylands Region (shaded), and each IBRA subregion, plus current ratings under the EPBC Act 1999 and NPW Act 1972. Species are listed per Class (Mammalia, Aves, Reptilia, Amphibia, Osteichthyes), as listed in *A List of the Vertebrates of South Australia* (2000).

- **Regional Status Codes:** RE = regionally extinct; CR = critically endangered; EN = endangered; VU = vulnerable; RA = rare; NT = near threatened; LC = least concern; DD = data deficient.
- **Regional Trend Codes:** -- = definite decline; - = probable decline; 0 = stable/no change; + = probable increase; ++ = definite increase; DD = data deficient.
- **EPBC Status Codes:** EX = extinct; CR = critically endangered; EN = endangered; VU = vulnerable.
- **NPW Status Codes:** X = extinct; E = endangered; V = vulnerable; R = rare.
- Where status is listed as "ssp", the status applies to a sub-specific level, but the resolution of the record in BDBSA is at a species level. Expert interpretation is required to resolve sub-specific taxonomy.

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
MAMMALIA	ORNITHORHYNCHIDAE	<i>Ornithorhynchus anatinus</i>	Platypus		E	CR	--			CR	--	CR	--		
MAMMALIA	TACHYGLOSSIDAE	<i>Tachyglossus aculeatus</i>	Short-beaked Echidna			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	DASYURIDAE	<i>Dasyurus maculatus</i>	Spotted-tailed Quoll (Tiger Quoll)	EN	E	RE				RE					
MAMMALIA	DASYURIDAE	<i>Sminthopsis murina</i>	Common Dunnart			LC	0	LC	0	NT	-	NT	-	LC	0
MAMMALIA	DASYURIDAE	<i>Planigale gilesi</i>	Giles' Planigale (Paucident Planigale)			VU	-			VU	-				
MAMMALIA	DASYURIDAE	<i>Sminthopsis crassicaudata</i>	Fat-tailed Dunnart			NT	0	LC	0	LC	0	RA	-	RA	0
MAMMALIA	DASYURIDAE	<i>Sminthopsis macroura</i>	Stripe-faced Dunnart			RA	0	RA	0						
MAMMALIA	DASYURIDAE	<i>Ningui yvonneae</i>	Southern Ningui			LC	0	LC	0	DD	DD			LC	0
MAMMALIA	VOMBATIDAE	<i>Lasiornis latifrons</i>	Southern Hairy-nosed Wombat			NT	-	RA	DD			NT	-		
MAMMALIA	VOMBATIDAE	<i>Vombatus ursinus</i>	Common Wombat		R	VU	-							VU	-
MAMMALIA	PHALANGERIDAE	<i>Trichosurus vulpecula</i>	Common Brushtail Possum		R	RA	-	DD	DD	NT	-	NT	-	VU	-
MAMMALIA	POTORIDAE	<i>Bettongia penicillata ogilbyi</i>	Brush-tailed Bettong		R	RE						RE			
MAMMALIA	POTORIDAE	<i>Bettongia lesueur</i>	Burrowing Bettong (Boodie)	EX	E	RE						RE			
MAMMALIA	MACROPODIDAE	<i>Macropus rufus</i>	Red Kangaroo			LC	0	LC	0	LC	0	LC	0		
MAMMALIA	MACROPODIDAE	<i>Macropus giganteus</i>	Eastern Grey Kangaroo		R	DD	DD	DD	DD					DD	DD
MAMMALIA	MACROPODIDAE	<i>Macropus robustus</i>	Euro			NT	0	LC	0	LC	0	RA	0		
MAMMALIA	MACROPODIDAE	<i>Macropus rufogriseus</i>	Red-necked Wallaby		R	RA	DD							RA	DD
MAMMALIA	MACROPODIDAE	<i>Macropus fuliginosus</i>	Western Grey Kangaroo			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	MACROPODIDAE	<i>Wallabia bicolor</i>	Swamp Wallaby		V	RA	+					DD	DD	RA	+
MAMMALIA	BURRAMYIDAE	<i>Cercartetus lepidus</i>	Little Pygmy-possum			RA	-							RA	-
MAMMALIA	BURRAMYIDAE	<i>Cercartetus concinnus</i>	Western Pygmy-possum			RA	-	LC	0	RA	DD	EN	-	RA	-
MAMMALIA	PETAURIDAE	<i>Petaurus breviceps</i>	Sugar Glider		R	VU	-							VU	-
MAMMALIA	ACROBATIDAE	<i>Acrobates pygmaeus</i>	Feathertail Glider		E	DD	DD			DD	DD			DD	DD
MAMMALIA	MOLOSSIDAE	<i>Mormopterus species 2 "Murray River"</i>	Eastern Freetail-Bat			NT	DD			NT	DD	NT	DD		
MAMMALIA	MOLOSSIDAE	<i>Mormopterus species 3 "little dick"</i>	Inland Free-tail Bat (little dick)			LC	0	LC	0	LC	0				
MAMMALIA	MOLOSSIDAE	<i>Mormopterus species 4 "big dick"</i>	Southern Free-tail Bat (big dick)			NT	DD			NT	DD	NT	DD	DD	DD
MAMMALIA	MOLOSSIDAE	<i>Tadarida australis</i>	White-striped Freetail-bat			LC	DD	LC	DD	LC	DD	LC	DD	DD	DD
MAMMALIA	VESPERTILIONIDAE	<i>Scotorepens balstoni</i>	Inland Broad-nosed Bat			LC	0	LC	0	LC	0	DD	DD		
MAMMALIA	VESPERTILIONIDAE	<i>Chalinolobus picatus</i>	Little Pled Bat		E	LC	0	LC	0	DD	DD				
MAMMALIA	VESPERTILIONIDAE	<i>Chalinolobus gouldii</i>	Gould's Wattled Bat			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	VESPERTILIONIDAE	<i>Chalinolobus morio</i>	Chocolate Wattled Bat			DD	DD	DD	DD	DD	DD	DD	DD	DD	DD
MAMMALIA	VESPERTILIONIDAE	<i>Vespadelus vulturinus</i>	Little Forest Bat			LC	0			LC	0	NT	DD	DD	DD
MAMMALIA	VESPERTILIONIDAE	<i>Myotis macropus</i>	Southern Myotis		E	DD	DD					DD	DD		
MAMMALIA	VESPERTILIONIDAE	<i>Nyctophilus corbeni</i>	Greater Long-eared Bat	ssp	ssp	LC	0	LC	0	DD	DD				
MAMMALIA	VESPERTILIONIDAE	<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat			LC	0	LC	0	LC	0	LC	0	LC	0
MAMMALIA	VESPERTILIONIDAE	<i>Vespadelus darlingtoni</i>	Large Forest Bat			RA	DD					RA	DD	RA	DD
MAMMALIA	VESPERTILIONIDAE	<i>Vespadelus regulus</i>	Southern Forest Bat			NT	DD	RA	DD	NT	DD	LC	DD		
MAMMALIA	VESPERTILIONIDAE	<i>Vespadelus baverstocki</i>	Inland Forest Bat			LC	0	LC	0	LC	0	DD	DD		
MAMMALIA	CANIDAE	<i>Canis lupus dingo</i>	Dingo			RA	DD							RA	DD
MAMMALIA	MURIDAE	<i>Hydromys chrysogaster</i>	Water-rat			NT	DD			NT	DD	NT	DD		
MAMMALIA	MURIDAE	<i>Notomys mitchellii</i>	Mitchell's Hopping-mouse			VU	-			EN	-	VU	-	RA	0
MAMMALIA	MURIDAE	<i>Pseudomys bolami</i>	Bolam's Mouse			LC	0	LC	0	LC	0				
MAMMALIA	MURIDAE	<i>Pseudomys apodemoides</i>	Silky Mouse			LC	0							LC	0
MAMMALIA	MURIDAE	<i>Rattus lutreolus</i>	Swamp Rat		R	RA	DD					RA	DD		
AVES	CASUARIDAE	<i>Dromaius novaehollandiae</i>	Emu			LC	0	LC	0	LC	0	LC	-	LC	0
AVES	MEGALOPIDAE	<i>Leipoa ocellata</i>	Malleefowl		VU	EN	--	EN	--	EN	--	CR	--	EN	-
AVES	PHASIANIDAE	<i>Coturnix pectoralis</i>	Stubble Quail			LC	0	DD	DD	DD	DD	LC	0	LC	0
AVES	PHASIANIDAE	<i>Coturnix ypsilophora</i>	Brown Quail		V	DD	DD			DD	DD				
AVES	ANATIDAE	<i>Cereopsis novaehollandiae</i>	Cape Barren Goose		R	RA	0					RA	0		
AVES	ANATIDAE	<i>Anas gracilis</i>	Grey Teal			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ANATIDAE	<i>Anas rhynchotis</i>	Australasian Shoveler		R	RA	-	RA	0	RA	-	RA	-		
AVES	ANATIDAE	<i>Tadorna tadornoides</i>	Australian Shelduck			NT	0			LC	0	LC	0	RA	+
AVES	ANATIDAE	<i>Biziura lobata</i>	Musk Duck		R	VU	0			VU	0	VU	0		
AVES	ANATIDAE	<i>Anas castanea</i>	Chestnut Teal			RA	0	RA	DD	RA	0	RA	0		
AVES	ANATIDAE	<i>Chenonetta jubata</i>	Australian Wood Duck			LC	+	LC	+	LC	+	LC	+	LC	+
AVES	ANATIDAE	<i>Cygnus atratus</i>	Black Swan			LC	-			LC	-	LC	-		
AVES	ANATIDAE	<i>Malacorhynchus membranaceus</i>	Pink-eared Duck			LC	-	LC	0	LC	-	LC	-		
AVES	ANATIDAE	<i>Oxyura australis</i>	Blue-billed Duck		R	EN	-			EN	-	EN	-		
AVES	ANATIDAE	<i>Stictonetta naevosa</i>	Freckled Duck		V	VU	-			VU	-	VU	-		
AVES	ANATIDAE	<i>Aythya australis</i>	Hardhead			NT	0	RA	DD	NT	0	NT	0		

Appendix 11 b). Fauna species for the entire project area, in taxonomic sequence (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AVES	PODICIPEDIDAE	<i>Podiceps cristatus</i>	Great Crested Grebe		R	VU	DD			VU	DD	EN	DD		
AVES	PODICIPEDIDAE	<i>Poliiocephalus poliocephalus</i>	Hoary-headed Grebe			NT	0	RA	0	LC	0	LC	0		
AVES	PODICIPEDIDAE	<i>Tachybaptus novaehollandiae</i>	Australasian Grebe			LC	0	LC	0	LC	-	LC	-	RA	0
AVES	COLUMBIDAE	<i>Geopelia cuneata</i>	Diamond Dove			RA	DD			RA	DD	RA	DD		
AVES	COLUMBIDAE	<i>Phaps chalcoptera</i>	Common Bronzewing			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	COLUMBIDAE	<i>Ocyphaps lophotes</i>	Crested Pigeon			LC	0	LC	0	LC	+	LC	0	LC	0
AVES	COLUMBIDAE	<i>Geopelia placida</i>	Peaceful Dove			LC	0	NT	DD	LC	0	LC	0	NT	DD
AVES	COLUMBIDAE	<i>Phaps elegans</i>	Brush Bronzewing			EN	-					EN	-	EN	-
AVES	PODARGIDAE	<i>Podargus strigoides</i>	Tawny Frogmouth			LC	0	LC	DD	LC	DD	LC	0	LC	DD
AVES	EUROSTOPODIDAE	<i>Eurostopodus argus</i>	Spotted Nightjar			NT	-	NT	DD	NT	DD	RA	-	RA	DD
AVES	AEGOTHELIDAE	<i>Aegotheles cristatus</i>	Australian Owllet-nightjar			LC	0	LC	0	LC	0	LC	-	LC	-
AVES	APODIDAE	<i>Apus pacificus</i>	Fork-tailed Swift			RA	-	RA	-	RA	-	RA	-	RA	-
AVES	APODIDAE	<i>Hirundapus caudacutus</i>	White-throated Needletail			RA	-					RA	-	RA	-
AVES	ANHINGIDAE	<i>Anhinga novaehollandiae</i>	Australasian Darter		R	RA	0	RA	0	RA	-	RA	0		
AVES	PHALACROCORACIDAE	<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant			NT	-	RA	0	NT	-	NT	-		
AVES	PHALACROCORACIDAE	<i>Phalacrocorax carbo</i>	Great Cormorant			RA	-	RA	0	RA	-	RA	-		
AVES	PHALACROCORACIDAE	<i>Microcarbo melanoleucos</i>	Little Pied Cormorant			NT	-	RA	0	NT	-	NT	-		
AVES	PHALACROCORACIDAE	<i>Phalacrocorax varius</i>	Pied Cormorant			RA	-			RA	-	RA	-		
AVES	PELECANIDAE	<i>Pelecanus conspicillatus</i>	Australian Pelican			NT	-	RA	0	LC	-	LC	-		
AVES	ARDEIDAE	<i>Ardea alba</i>	Great Egret			VU	-			VU	-	VU	-		
AVES	ARDEIDAE	<i>Ardea ibis</i>	Cattle Egret		R	RA	DD					RA	DD		
AVES	ARDEIDAE	<i>Ardea intermedia</i>	Intermediate Egret		R	RA	-			RA	-	RA	-		
AVES	ARDEIDAE	<i>Egretta garzetta</i>	Little Egret		R	RA	-			RA	-	RA	-		
AVES	ARDEIDAE	<i>Botaurus poiciloptilus</i>	Australasian Bittern		V	CR	-					CR	-		
AVES	ARDEIDAE	<i>Ardea pacifica</i>	White-necked Heron			RA	-	RA	DD	RA	-	RA	-	RA	-
AVES	ARDEIDAE	<i>Egretta novaehollandiae</i>	White-faced Heron			NT	-	RA	-	NT	-	NT	-	RA	-
AVES	ARDEIDAE	<i>Ixobrychus dubius</i>	Australian Little Bittern		E	CR	DD			CR	DD	CR	DD		
AVES	ARDEIDAE	<i>Nycticorax caledonicus</i>	Nankeen Night-Heron			VU	-	RA	DD	EN	-	EN	-		
AVES	THRESKIORNITHIDAE	<i>Threskiornis spinicollis</i>	Straw-necked Ibis			VU	-			VU	-	VU	-		
AVES	THRESKIORNITHIDAE	<i>Platalea regia</i>	Royal Spoonbill			EN	-			EN	-	EN	-		
AVES	THRESKIORNITHIDAE	<i>Plegadis falcinellus</i>	Glossy Ibis		R	RA	-			RA	-	RA	-		
AVES	THRESKIORNITHIDAE	<i>Platalea flavipes</i>	Yellow-billed Spoonbill			VU	-	RA	-	EN	-	EN	-		
AVES	THRESKIORNITHIDAE	<i>Threskiornis molucca</i>	Australian White Ibis			VU	-			VU	-	VU	-		
AVES	ACCIPTRIDAE	<i>Accipiter fasciatus</i>	Brown Goshawk			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Accipiter cirrocephalus</i>	Collared Sparrowhawk			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Aquila audax</i>	Wedge-tailed Eagle			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACCIPTRIDAE	<i>Circus approximans</i>	Swamp Harrier			RA	0	NT	0	VU	-	VU	-	NT	0
AVES	ACCIPTRIDAE	<i>Elanus scriptus</i>	Letter-winged Kite		R	NT	0					NT	0		
AVES	ACCIPTRIDAE	<i>Elanus axillaris</i>	Black-shouldered Kite			NT	--	NT	--	NT	--	NT	--	NT	--
AVES	ACCIPTRIDAE	<i>Circus assimilis</i>	Spotted Harrier			NT	0	NT	0	NT	0	NT	0	NT	0
AVES	ACCIPTRIDAE	<i>Pandion cristatus</i>	Eastern Osprey		E	CR	--			CR	--	CR	--		
AVES	ACCIPTRIDAE	<i>Haliastur sphenurus</i>	Whistling Kite			LC	0	NT	0	LC	0	LC	0	NT	0
AVES	ACCIPTRIDAE	<i>Hieraaetus morphnoides</i>	Little Eagle			VU	-	VU	-	VU	-	VU	-	VU	-
AVES	ACCIPTRIDAE	<i>Lophoictinia isura</i>	Square-tailed Kite		E	CR	--			CR	--	CR	--		
AVES	ACCIPTRIDAE	<i>Milvus migrans</i>	Black Kite			LC	+	LC	+	LC	+	LC	++	LC	+
AVES	ACCIPTRIDAE	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle		E	CR	--			CR	--	CR	--		
AVES	FALCONIDAE	<i>Falco cenchroides</i>	Nankeen Kestrel			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	FALCONIDAE	<i>Falco longipennis</i>	Australian Hobby			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	FALCONIDAE	<i>Falco hypoleucos</i>	Grey Falcon		R	RA	-	RA	-			RA	-	RA	-
AVES	FALCONIDAE	<i>Falco berigora</i>	Brown Falcon			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	FALCONIDAE	<i>Falco peregrinus</i>	Peregrine Falcon		R	RA	0	RA	0	RA	0	RA	0	RA	0
AVES	FALCONIDAE	<i>Falco subniger</i>	Black Falcon			VU	-					VU	-		
AVES	GRUIDAE	<i>Grus rubicunda</i>	Brolga		V	CR	--			CR	--	CR	--	CR	--
AVES	RALLIDAE	<i>Fulica atra</i>	Eurasian Coot			NT	-	RA	DD	NT	-	NT	-	RA	DD
AVES	RALLIDAE	<i>Gallinula tenebrosa</i>	Dusky Moorhen			EN	--			EN	--	EN	--		
AVES	RALLIDAE	<i>Gallirallus philippensis</i>	Buff-banded Rail			EN	-			EN	-	EN	-		
AVES	RALLIDAE	<i>Porzana pusilla</i>	Baillon's Crake			CR	-			CR	-	CR	-		
AVES	RALLIDAE	<i>Porzana fluminea</i>	Australian Spotted Crake			RA	-	RA	DD	RA	-	RA	-		
AVES	RALLIDAE	<i>Porphyrio porphyrio</i>	Purple Swamphen			RA	-			RA	0	RA	0		
AVES	RALLIDAE	<i>Lewinia pectoralis</i>	Lewin's Rail		V	CR	-			CR	DD	CR	-		
AVES	RALLIDAE	<i>Porzana tabuensis</i>	Spotless Crake		R	VU	-			VU	DD	EN	-		
AVES	RALLIDAE	<i>Tribonyx ventralis</i>	Black-tailed Native-hen			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	OTIDIDAE	<i>Ardeotis australis</i>	Australian Bustard		V	CR	-	CR	-	CR	-	CR	-	CR	-
AVES	BURHINIDAE	<i>Burhinus grallarius</i>	Bush Stone-curlew		R	CR	-	CR	-	CR	-	CR	-	CR	-
AVES	RECURVIROSTRIDAE	<i>Cladorhynchus leucocephalus</i>	Banded Stilt		V	RA	DD			RA	DD	RA	DD		
AVES	RECURVIROSTRIDAE	<i>Himantopus himantopus</i>	Black-winged Stilt			VU	-			VU	-	VU	-		
AVES	RECURVIROSTRIDAE	<i>Recurvirostra novaehollandiae</i>	Red-necked Avocet			RA	DD	RA	DD	RA	DD	RA	DD		
AVES	CHARADRIIDAE	<i>Eiseyornis melanops</i>	Black-fronted Dotterel			RA	-	RA	DD	NT	-	RA	-		
AVES	CHARADRIIDAE	<i>Charadrius ruficapillus</i>	Red-capped Plover			VU	--			VU	--	VU	--		
AVES	CHARADRIIDAE	<i>Charadrius bicinctus</i>	Double-banded Plover			RA	-			RA	-	RA	-		

Appendix 11 b). Fauna species for the entire project area, in taxonomic sequence (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend	
AVES	CHARADRIIDAE	<i>Erythrogonys cinctus</i>	Red-kneed Dotterel			RA	--	RA	DD	RA	DD	VU	--			
AVES	CHARADRIIDAE	<i>Vanellus miles</i>	Masked Lapw ing			LC	+	LC	+	LC	0	LC	+	LC	+	
AVES	CHARADRIIDAE	<i>Vanellus tricolor</i>	Banded Lapw ing			NT	-	LC	-	NT	-	NT	-	NT	-	
AVES	PEDIONOMIDAE	<i>Pedionomus torquatus</i>	Plains-w anderer	VU	E	CR	-			CR	-	CR	-	CR	-	
AVES	ROSTRATULIDAE	<i>Rostratula australis</i>	Australian Painted Snipe		V	CR	-			CR	-	CR	-			
AVES	SCOLOPACIDAE	<i>Actitis hypoleucos</i>	Common Sandpiper		R	RA	DD			RA	DD	RA	DD			
AVES	SCOLOPACIDAE	<i>Calidris ruficollis</i>	Red-necked Stint			RA	-			RA	-	RA	-			
AVES	SCOLOPACIDAE	<i>Calidris ferruginea</i>	Curlew Sandpiper			RA	--					RA	--			
AVES	SCOLOPACIDAE	<i>Calidris acuminata</i>	Sharp-tailed Sandpiper			RA	-	RA	-	RA	-	RA	-			
AVES	SCOLOPACIDAE	<i>Tringa glareola</i>	Wood Sandpiper		R	CR	-			CR	-	CR	-			
AVES	SCOLOPACIDAE	<i>Tringa stagnatilis</i>	Marsh Sandpiper			CR	-			CR	-	CR	-			
AVES	SCOLOPACIDAE	<i>Gallinago hardwickii</i>	Latham's Snipe		R	CR	-			CR	DD	CR	-			
AVES	SCOLOPACIDAE	<i>Tringa nebularia</i>	Common Greenshank			CR	-			CR	--	CR	-			
AVES	TURNICIDAE	<i>Turnix varius</i>	Painted Button-quail		R	VU	-					VU	DD	VU	-	
AVES	TURNICIDAE	<i>Turnix velox</i>	Little Button-quail			LC	0	LC	0			DD	DD	DD	DD	
AVES	GLAREOLIDAE	<i>Stiltia isabella</i>	Australian Pratincole			RA	0	RA	0	RA	0	RA	0			
AVES	LARIDAE	<i>Chlidonias hybrida</i>	Whiskered Tern			EN	--			EN	--	EN	--			
AVES	LARIDAE	<i>Chroicocephalus novaehollandiae</i>	Silver Gull			LC	-			LC	-	LC	-			
AVES	LARIDAE	<i>Gelochelidon nilotica</i>	Gull-billed Tern			EN	-					EN	-			
AVES	LARIDAE	<i>Hydroprogne caspia</i>	Caspian Tern			RA	-			RA	-	RA	-			
AVES	LARIDAE	<i>Sternula nereis</i>	Fairy Tern		E	CR	-					CR	-			
AVES	LARIDAE	<i>Thalasseus bergii</i>	Crested Tern			RA	-					RA	-			
AVES	CACATUIDAE	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo			LC	+	LC	0	LC	++	LC	+	LC	0	
AVES	CACATUIDAE	<i>Cacatua sanguinea</i>	Little Corella			LC	++	LC	+	LC	++	LC	++	LC	++	
AVES	CACATUIDAE	<i>Eolophus roseicapillus</i>	Galah			LC	0	LC	0	LC	0	LC	0	LC	0	
AVES	CACATUIDAE	<i>Lophocroa leadbeateri</i>	Major Mitchell's Cockatoo		R	EN	-	EN	-	EN	-	CR	-	CR	-	
AVES	CACATUIDAE	<i>Calyptorhynchus funereus</i>	Yellow-tailed Black-Cockatoo		V	VU	-							VU	-	
AVES	CACATUIDAE	<i>Cacatua tenuirostris</i>	Long-billed Corella			LC	0							LC	0	
AVES	CACATUIDAE	<i>Calyptorhynchus banksii graptogyne</i>	Red-tailed Black Cockatoo (south-east ssp)	EN	E	EN	-							EN	-	
AVES	CACATUIDAE	<i>Nymphicus hollandicus</i>	Cockatiel			RA	-	RA	-	RA	-	RA	-	RA	-	
AVES	PSITTACIDAE	<i>Barnardius zonarius</i>	Australian Ringneck			LC	0	LC	0	LC	0	LC	0	LC	0	
AVES	PSITTACIDAE	<i>Glossopsitta concinna</i>	Musk Lorikeet			NT	+			RA	+	RA	+	LC	0	
AVES	PSITTACIDAE	<i>Psephotus haematonotus</i>	Red-rumped Parrot			LC	0	RA	0	LC	0	LC	0	LC	0	
AVES	PSITTACIDAE	<i>Glossopsitta pusilla</i>	Little Lorikeet		E	EN	-							EN	-	
AVES	PSITTACIDAE	<i>Lathamus discolor</i>	Swift Parrot	EN	E	CR	--							CR	--	
AVES	PSITTACIDAE	<i>Melopsittacus undulatus</i>	Budgerigar			NT	-	LC	0	NT	-	NT	-	NT	-	
AVES	PSITTACIDAE	<i>Neophema chrysostoma</i>	Blue-winged Parrot		V	RA	0	RA	0	RA	0	RA	0	RA	0	
AVES	PSITTACIDAE	<i>Neophema elegans</i>	Elegant Parrot		R	VU	DD					VU	DD			
AVES	PSITTACIDAE	<i>Neophema splendida</i>	Scarlet-chested Parrot		R	VU	DD	EN	DD			RA	DD	RA	DD	
AVES	PSITTACIDAE	<i>Glossopsitta porphyrocephala</i>	Purple-crowned Lorikeet			LC	0	LC	0	LC	0	NT	-	NT	-	
AVES	PSITTACIDAE	<i>Northiella haematogaster</i>	Blue Bonnet		ssp	LC	0	LC	0	LC	0	NT	-	NT	-	
AVES	PSITTACIDAE	<i>Platycercus elegans</i>	Crimson Rosella			LC	0	LC	0	LC	0	LC	0	LC	0	
AVES	PSITTACIDAE	<i>Polytelis anthopeplus</i>	Regent Parrot		VU	ssp	EN	--	EN	--	EN	--	EN	--	EN	--
AVES	PSITTACIDAE	<i>Psephotus varius</i>	Mulga Parrot			LC	0	LC	0	LC	0	NT	0	LC	0	
AVES	PSITTACIDAE	<i>Platycercus eximius</i>	Eastern Rosella			LC	0							LC	0	
AVES	PSITTACIDAE	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet			NT	+			RA	+	RA	+	LC	0	
AVES	CUCULIDAE	<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo			NT	-	RA	DD	RA	DD	NT	-	NT	-	
AVES	CUCULIDAE	<i>Cacomantis pallidus</i>	Pallid Cuckoo			LC	0	LC	0	LC	0	NT	-	NT	-	
AVES	CUCULIDAE	<i>Chalcites basal</i>	Horsfield's Bronze-cuckoo			LC	-	LC	-	LC	-	LC	-	LC	-	
AVES	CUCULIDAE	<i>Chalcites lucidus</i>	Shining Bronze-Cuckoo			RA	-							RA	-	
AVES	CUCULIDAE	<i>Chalcites osculans</i>	Black-eared Cuckoo			NT	0	NT	0	NT	0	RA	-	RA	-	
AVES	STRIGIDAE	<i>Ninox connivens</i>	Barking Owl		R	CR	-			CR	-	RE	-			
AVES	STRIGIDAE	<i>Ninox novaeseelandiae</i>	Southern Boobook			NT	0	LC	0	LC	0	RA	-	NT	-	
AVES	TYTONIDAE	<i>Tyto javanica</i>	Eastern Barn Owl			LC	+	RA	DD	LC	DD	LC	+	LC	+	
AVES	TYTONIDAE	<i>Tyto novaehollandiae</i>	Masked Owl		E	DD	DD					DD	DD			
AVES	HALCYONIDAE	<i>Dacelo novaeguineae</i>	Laughing Kookaburra			LC	0	LC	0	LC	0	LC	0	LC	0	
AVES	HALCYONIDAE	<i>Todiramphus pyrrhopygius</i>	Red-backed Kingfisher			RA	0	RA	0	RA	0	RA	-	RA	-	
AVES	HALCYONIDAE	<i>Todiramphus sanctus</i>	Sacred Kingfisher			NT	0	RA	0	NT	0	NT	0	NT	0	
AVES	MEROPIDAE	<i>Merops ornatus</i>	Rainbow Bee-eater			LC	0	LC	0	LC	0	LC	0	LC	0	
AVES	CLIMACTERIDAE	<i>Climacteris affinis</i>	White-browed Treecreeper		R	VU	--	RA	DD	DD	DD	CR	--			
AVES	CLIMACTERIDAE	<i>Climacteris picumnus</i>	Brown Treecreeper			LC	0	LC	0	LC	0	NT	-	NT	-	
AVES	CLIMACTERIDAE	<i>Cormobates leucophaea</i>	White-throated Treecreeper			NT	0							NT	0	
AVES	MALURIDAE	<i>Amytornis striatus</i>	Striated Grasswren		R	EN	--	VU	-			CR	--	EN	--	
AVES	MALURIDAE	<i>Malurus cyaneus</i>	Superb Fairy-wren			LC	0			LC	0	LC	0	LC	0	
AVES	MALURIDAE	<i>Malurus lamberti</i>	Variiegated Fairy-wren			LC	0	LC	0	LC	0	LC	0	LC	0	
AVES	MALURIDAE	<i>Malurus leucopterus</i>	White-winged Fairy-wren			LC	0	LC	0	LC	0	NT	0			
AVES	MALURIDAE	<i>Malurus splendens</i>	Splendid Fairy-wren			NT	0	LC	0	RA	DD	NT	DD	NT	DD	
AVES	MALURIDAE	<i>Stipiturus mallee</i>	Mallee Emu-wren	EN	E	CR	--					RE	--	CR	--	
AVES	MALURIDAE	<i>Stipiturus malachurus intermedius</i>	Southern Emu-wren (Mt Lofty Ranges ssp)	EN	E	CR	--					CR	--			
AVES	ACANTHIZIDAE	<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill			LC	0	LC	0	LC	0	LC	0	LC	0	

Appendix 11 b). Fauna species for the entire project area, in taxonomic sequence (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AVES	ACANTHIZIDAE	<i>Smicrornis brevirostris</i>	Weebill			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ACANTHIZIDAE	<i>Calamanthus campestris</i>	Rufous Fieldw ren			VU	-	DD	DD			DD	DD	VU	-
AVES	ACANTHIZIDAE	<i>Acanthiza lineata</i>	Striated Thornbill			LC	0							LC	0
AVES	ACANTHIZIDAE	<i>Hylacola cauta</i>	Shy Heathw ren (Shy Hylacola)	R		RA	-	RA	DD	DD	DD	VU	-	NT	-
AVES	ACANTHIZIDAE	<i>Acanthiza pusilla</i>	Brow n Thornbill			NT	0					RA	0	LC	0
AVES	ACANTHIZIDAE	<i>Acanthiza reguloides</i>	Buff-rumped Thornbill			NT	0					RA	DD	LC	0
AVES	ACANTHIZIDAE	<i>Acanthiza apicalis</i>	Inland Thornbill			LC	0	LC	0	LC	0	NT	-	LC	0
AVES	ACANTHIZIDAE	<i>Aphelocephala leucopsis</i>	Southern Whiteface			NT	0	LC	0	LC	0	NT	-	RA	-
AVES	ACANTHIZIDAE	<i>Acanthiza iredalei</i>	Slender-billed Thornbill	ssp	ssp	VU	-					DD	DD	VU	-
AVES	ACANTHIZIDAE	<i>Gerygone albogularis</i>	White-throated Gerygone	R		RA	DD							RA	DD
AVES	ACANTHIZIDAE	<i>Gerygone fusca</i>	Western Gerygone	R		DD	DD			DD	DD				
AVES	ACANTHIZIDAE	<i>Acanthiza nana</i>	Yellow Thornbill			RA	-	DD	DD	VU	-	NT	DD	NT	DD
AVES	ACANTHIZIDAE	<i>Hylacola pyrrhopygia</i>	Chestnut-rumped Heathw ren	ssp	ssp	EN	-							EN	-
AVES	ACANTHIZIDAE	<i>Pyrrholaemus brunneus</i>	Redthroat			RA	0	RA	0	VU	DD	RA	DD	DD	DD
AVES	ACANTHIZIDAE	<i>Sericornis frontalis</i>	White-brow ed Scrubw ren			RA	0					RA	0	RA	0
AVES	ACANTHIZIDAE	<i>Acanthiza uropygialis</i>	Chestnut-rumped Thornbill			LC	0	LC	0	LC	0	LC	-	LC	-
AVES	PARDALOTIDAE	<i>Pardalotus punctatus</i>	Spotted Pardalote			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PARDALOTIDAE	<i>Pardalotus striatus</i>	Striated Pardalote			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Lichenostomus ornatus</i>	Yellow-plumed Honeyeater			LC	0	LC	0	LC	0	LC	-	LC	-
AVES	MELIPHAGIDAE	<i>Acanthorhynchus tenuirostris</i>	Eastern Spinebill			RA	0			RA	DD	RA	0		
AVES	MELIPHAGIDAE	<i>Epthianura albifrons</i>	White-fronted Chat			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Anthochaera chrysoptera</i>	Little Wattlebird			NT	0					RA	DD	LC	0
AVES	MELIPHAGIDAE	<i>Epthianura aurifrons</i>	Orange Chat			RA	0	RA	0	RA	0	RA	0	RA	0
AVES	MELIPHAGIDAE	<i>Entomyzon cyanotis</i>	Blue-faced Honeyeater	R		RA	++			RA	++	RA	DD	RA	DD
AVES	MELIPHAGIDAE	<i>Lichenostomus virescens</i>	Singing Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Certhionyx variegatus</i>	Pied Honeyeater			RA	0	RA	0	RA	0	RA	0		
AVES	MELIPHAGIDAE	<i>Epthianura tricolor</i>	Crimson Chat			LC	DD	LC	DD	LC	DD	LC	DD	LC	DD
AVES	MELIPHAGIDAE	<i>Glyciphila melanops</i>	Taw ny-crow ned Honeyeater			VU	--	RA	DD			VU	--	VU	--
AVES	MELIPHAGIDAE	<i>Phylidonyris novaehollandiae</i>	New Holland Honeyeater			NT	0			RA	+	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Lichenostomus cratitius</i>	Purple-gaped Honeyeater	ssp		RA	-	RA	DD			RA	-	NT	-
AVES	MELIPHAGIDAE	<i>Lichenostomus penicillatus</i>	White-plumed Honeyeater			LC	0	RA	DD	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Melithreptus brevirostris</i>	Brow n-headed Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Manorina melanocephala</i>	Noisy Miner			LC	0	DD	DD	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Sugomel niger</i>	Black Honeyeater			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
AVES	MELIPHAGIDAE	<i>Lichenostomus leucotis</i>	White-eared Honeyeater			LC	0	LC	0	LC	0	RA	-	LC	-
AVES	MELIPHAGIDAE	<i>Purnella albifrons</i>	White-fronted Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Anthochaera carunculata</i>	Red Wattlebird			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Manorina melanotis</i>	Black-eared Miner	EN	E	EN	--	EN	--			CR	DD		
AVES	MELIPHAGIDAE	<i>Acanthagenys rufogularis</i>	Spiny-cheeked Honeyeater			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Melithreptus gularis</i>	Black-chinned Honeyeater	ssp		EN	-					CR	--	VU	-
AVES	MELIPHAGIDAE	<i>Melithreptus lunatus</i>	White-naped Honeyeater			NT	0					RA	DD	LC	0
AVES	MELIPHAGIDAE	<i>Philemon citreogularis</i>	Little Friarbird	R		RA	+			RA	+	RA	DD		
AVES	MELIPHAGIDAE	<i>Lichenostomus chrysops</i>	Yellow-faced Honeyeater			NT	0					RA	DD	LC	0
AVES	MELIPHAGIDAE	<i>Plectorhyncha lanceolata</i>	Striped Honeyeater	R		NT	-	NT	DD	NT	DD	RA	-	RA	DD
AVES	MELIPHAGIDAE	<i>Manorina flavigula</i>	Yellow-throated Miner			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	MELIPHAGIDAE	<i>Lichenostomus plumulus</i>	Grey-fronted Honeyeater			RA	DD	DD	DD	DD	DD	RA	DD	DD	DD
AVES	POMATOSTOMIDAE	<i>Pomatostomus ruficeps</i>	Chestnut-crow ned Babbler			LC	0	LC	0	LC	0	NT	-	DD	DD
AVES	POMATOSTOMIDAE	<i>Pomatostomus superciliosus</i>	White-brow ed Babbler			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	POMATOSTOMIDAE	<i>Pomatostomus temporalis</i>	Grey-crow ned Babbler	ssp		CR	-							CR	-
AVES	PSOPHODIDAE	<i>Cinclosoma castanotum</i>	Chestnut Quail-thrush	ssp		NT	0	LC	0	LC	0	RA	-	RA	-
AVES	PSOPHODIDAE	<i>Psophodes cristatus</i>	Chirruping Wedgebill			CR	-			CR	-				
AVES	PSOPHODIDAE	<i>Psophodes nigrogularis leucogast</i>	Western Whipbird (Eastern ssp)	VU	E	CR	-							CR	-
AVES	NEOSITTIDAE	<i>Daphoenositta chrysoptera</i>	Varied Sittella			NT	-	LC	0	NT	-	NT	-	NT	-
AVES	CAMPEPHAGIDAE	<i>Coracina maxima</i>	Ground Cuckoo-shrike			VU	-	RA	-	RA	-	EN	-		
AVES	CAMPEPHAGIDAE	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike			NT	-	LC	0	NT	-	NT	-	NT	-
AVES	CAMPEPHAGIDAE	<i>Coracina papuensis</i>	White-bellied Cuckoo-shrike	R		EN	-							EN	-
AVES	CAMPEPHAGIDAE	<i>Lalage sueurii</i>	White-winged Triller			NT	-	NT	-	NT	-	NT	-	NT	-
AVES	PACHYCEPHALIDAE	<i>Colluricincla harmonica</i>	Grey Shrike-thrush			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	PACHYCEPHALIDAE	<i>Falcunculus frontatus</i>	Crested Shrike-tit	R		EN	-			CR	-	EN	-	EN	-
AVES	PACHYCEPHALIDAE	<i>Oreoica gutturalis</i>	Crested Bellbird			NT	-	LC	0	RA	-	RA	-	RA	-
AVES	PACHYCEPHALIDAE	<i>Pachycephala inornata</i>	Gilbert's Whistler	R		RA	-	NT	DD	RA	-	VU	--	VU	--
AVES	PACHYCEPHALIDAE	<i>Pachycephala pectoralis</i>	Golden Whistler			NT	-	NT	DD	RA	DD	RA	-	NT	DD
AVES	PACHYCEPHALIDAE	<i>Pachycephala rufiventris</i>	Rufous Whistler			RA	-	RA	-	RA	-	RA	-	NT	-
AVES	PACHYCEPHALIDAE	<i>Pachycephala rufogularis</i>	Red-lored Whistler	VU	R	CR	-	CR	-			CR	-	CR	-
AVES	ORIOIIDAE	<i>Oriolus sagittatus</i>	Olive-backed Oriole	R		RA	DD	RA	DD	RA	DD	RA	DD		
AVES	ARTAMIDAE	<i>Artamus cinereus</i>	Black-faced Woodsw allow			NT	0	LC	0	RA	0	NT	DD		
AVES	ARTAMIDAE	<i>Artamus personatus</i>	Masked Woodsw allow			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ARTAMIDAE	<i>Artamus leucorhynchus</i>	White-breasted Woodsw allow			RA	0	RA	DD	RA	0	RA	DD		
AVES	ARTAMIDAE	<i>Cracticus tibicen</i>	Australian Magpie			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	ARTAMIDAE	<i>Cracticus torquatus</i>	Grey Butcherbird			LC	0	LC	0	LC	0	NT	-	LC	0

Appendix 11 b). Fauna species for the entire project area, in taxonomic sequence (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AVES	ARTAMIDAE	<i>Strepera versicolor</i>	Grey Currawong		ssp	NT	+	LC	0	RA	+	NT	DD	NT	DD
AVES	ARTAMIDAE	<i>Artamus cyanopterus</i>	Dusky Woodswallow			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	ARTAMIDAE	<i>Artamus superciliosus</i>	White-browed Woodswallow			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	ARTAMIDAE	<i>Cracticus nigrogularis</i>	Pied Butcherbird			NT	+	RA	+	LC	0	RA	+		
AVES	RHIPIDURIDAE	<i>Rhipidura albiscapa</i>	Grey Fantail			NT	-	RA	DD	LC	0	NT	-	NT	-
AVES	RHIPIDURIDAE	<i>Rhipidura leucophrys</i>	Willie Wagtail			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	CORVIDAE	<i>Corvus benetti</i>	Little Crow			RA	-	RA	DD	RA	DD	VU	-	VU	-
AVES	CORVIDAE	<i>Corvus coronoides</i>	Australian Raven			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	CORVIDAE	<i>Corvus mellori</i>	Little Raven			LC	+	RA	+	LC	+	LC	+	LC	+
AVES	CORVIDAE	<i>Corvus tasmanicus</i>	Forest Raven			NT	DD							NT	DD
AVES	MONARCHIDAE	<i>Grallina cyanoleuca</i>	Magpie-lark			LC	0	RA	0	LC	0	LC	0	LC	0
AVES	MONARCHIDAE	<i>Miagra inquieta</i>	Restless Flycatcher		R	VU	-	VU	-	EN	-	RA	-	RA	-
AVES	CORCORACIDAE	<i>Corcorax melanorhamphos</i>	White-winged Chough		R	RA	0	RA	DD	RA	DD	NT	+	RA	-
AVES	CORCORACIDAE	<i>Struthidea cinerea</i>	Apostlebird			VU	0	VU	-	VU	-	RA	+		
AVES	PETROICIDAE	<i>Petroica boodang</i>	Scarlet Robin		ssp	RA	-							RA	-
AVES	PETROICIDAE	<i>Eopsaltria australis</i>	Eastern Yellow Robin			RA	+							RA	+
AVES	PETROICIDAE	<i>Melanodryas cucullata</i>	Hooded Robin		ssp	RA	0	RA	0	RA	0	RA	-	RA	-
AVES	PETROICIDAE	<i>Microeca fascinans</i>	Jacky Winter		ssp	NT	0	LC	0	RA	DD	RA	-	NT	DD
AVES	PETROICIDAE	<i>Drymodes brunneopygia</i>	Southern Scrub-robin			RA	-	RA	0			VU	-	RA	-
AVES	PETROICIDAE	<i>Petroica goodenovii</i>	Red-capped Robin			LC	0	LC	0	LC	0	NT	-	LC	0
AVES	PETROICIDAE	<i>Petroica phoenicea</i>	Flame Robin		V	CR	--					CR	--	CR	--
AVES	PETROICIDAE	<i>Petroica rosea</i>	Rose Robin			RA	DD					RA	DD	RA	DD
AVES	ALAUDIDAE	<i>Mirafra javanica</i>	Horsfield's Bushlark			RA	0					RA	0	RA	0
AVES	CISTICOLIDAE	<i>Cisticola exilis</i>	Golden-headed Cisticola			EN	--			EN	DD	EN	--		
AVES	ACROCEPHALIDAE	<i>Acrocephalus australis</i>	Australian Reed-Warbler			NT	-			NT	-	NT	-		
AVES	MEGALURIDAE	<i>Cincloramphus cruralis</i>	Brown Songlark			NT	0	RA	DD	RA	DD	LC	0	LC	0
AVES	MEGALURIDAE	<i>Cincloramphus mathewsi</i>	Rufous Songlark			RA	-	RA	DD	RA	DD	NT	-	NT	-
AVES	MEGALURIDAE	<i>Megalurus gramineus</i>	Little Grassbird			NT	-	RA	DD	NT	-	NT	-	NT	-
AVES	TIMALIIDAE	<i>Zosterops lateralis</i>	Silvereye			NT	-			NT	--	NT	-	NT	-
AVES	HIRUNDINIDAE	<i>Cheramoeca leucosterna</i>	White-backed Swallow			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
AVES	HIRUNDINIDAE	<i>Petrochelidon nigricans</i>	Tree Martin			LC	0	LC	0	LC	0	NT	-	NT	-
AVES	HIRUNDINIDAE	<i>Petrochelidon ariel</i>	Fairy Martin			RA	0	RA	0	RA	DD	RA	DD		
AVES	HIRUNDINIDAE	<i>Hirundo neoxena</i>	Welcome Swallow			LC	0	LC	0	LC	0	LC	0	LC	0
AVES	NECTARINIDAE	<i>Dicaeum hirundinaceum</i>	Mistletoebird			NT	-	NT	-	NT	-	NT	DD	NT	DD
AVES	ESTRILIDAE	<i>Stagonopleura guttata</i>	Diamond Firetail		V	EN	-			CR	DD	EN	--	EN	-
AVES	ESTRILIDAE	<i>Taeniopygia guttata</i>	Zebra Finch			RA	--	RA	DD	RA	--	RA	--	EN	DD
AVES	MOTACILLIDAE	<i>Anthus novaeseelandiae</i>	Australasian Pipit			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	CHELIDAE	<i>Chelodina expansa</i>	Broad-shelled Tortoise		V	RA	-			RA	-	RA	-		
REPTILIA	CHELIDAE	<i>Chelodina longicollis</i>	Common Long-necked Tortoise			NT	-			NT	-	NT	-		
REPTILIA	CHELIDAE	<i>Emydura macquarii</i>	Macquarie Tortoise		V	NT	-			NT	-	NT	-		
REPTILIA	AGAMIDAE	<i>Diporiphora nobbi</i>	Nobbi Dragon			LC	0	LC	0	RA	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Ctenophorus decresii</i>	Northern Dragon			RA	0					RA	0		
REPTILIA	AGAMIDAE	<i>Ctenophorus pictus</i>	Painted Dragon			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Pogona vitticeps</i>	Central Bearded Dragon			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Pogona barbata</i>	Eastern Bearded Dragon			LC	0					LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Ctenophorus fordi</i>	Mallee Dragon			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Amphibolurus norrisi</i>	Mallee Tree-dragon			LC	0					LC	0	LC	0
REPTILIA	AGAMIDAE	<i>Tympanocryptis lineata</i>	Five-lined Earless Dragon			NT	0	RA	0			NT	DD	LC	0
REPTILIA	GEKKONIDAE	<i>Gehyra variegata</i>	Tree Drella			LC	0	LC	0	LC	0	LC	0		
REPTILIA	GEKKONIDAE	<i>Gehyra lazelli</i>	Southern Rock Drella			NT	0	RA	0	RA	0	LC	0		
REPTILIA	GEKKONIDAE	<i>Heteronotia binoei</i>	Bynoe's Gecko			LC	0	LC	0	LC	0	LC	0	RA	0
REPTILIA	GEKKONIDAE	<i>Christinus marmoratus</i>	Marbled Gecko			LC	0	RA	0	LC	0	LC	0	LC	0
REPTILIA	CARPHODACTYLIDAE	<i>Nephurus milii</i>	Barking Gecko			LC	0	RA	0	LC	0	LC	0	LC	0
REPTILIA	CARPHODACTYLIDAE	<i>Nephurus levis</i>	Smooth Knob-tailed Gecko			LC	0	LC	0						
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus calcicolus</i>	South Coast Gecko			VU	-					VU	-		
REPTILIA	DIPLODACTYLIDAE	<i>Lucasium damaeum</i>	Beaded Gecko			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Oedura marmorata</i>	Marbled Velvet Gecko		R	LC	0	LC	0						
REPTILIA	DIPLODACTYLIDAE	<i>Strophurus elderi</i>	Jewelled Gecko			NT	0	LC	0	RA	0				
REPTILIA	DIPLODACTYLIDAE	<i>Lucasium byrnei</i>	Pink-blotched Gecko			RA	0	RA	0						
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus furcosus</i>	Ranges Stone Gecko			LC	0	LC	0	LC	0	LC	0		
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus tessellatus</i>	Tessellated Gecko			LC	0	LC	0	LC	0				
REPTILIA	DIPLODACTYLIDAE	<i>Diplodactylus vittatus (revised)</i>	Eastern Stone Gecko			NT	0	RA	0			LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Strophurus intermedius</i>	Southern Spiny-tailed Gecko			NT	0	RA	0			LC	0	LC	0
REPTILIA	DIPLODACTYLIDAE	<i>Strophurus williamsi</i>	Eastern Spiny-tailed Gecko			NT	0	LC	0	RA	-				
REPTILIA	DIPLODACTYLIDAE	<i>Rhynchoedura ornata</i>	Beaked Gecko			NT	0	LC	0	RA	0				
REPTILIA	PYGOPODIDAE	<i>Pygopus lepidopodus</i>	Common Scaly-foot			NT	0	RA	0					LC	0
REPTILIA	PYGOPODIDAE	<i>Aprasia striolata</i>	Lined Worm-lizard			NT	0					RA	0	LC	0
REPTILIA	PYGOPODIDAE	<i>Delma australis</i>	Barred Snake-lizard			LC	0	LC	0			LC	0	LC	0
REPTILIA	PYGOPODIDAE	<i>Lialis burtonis</i>	Burton's Legless Lizard			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	PYGOPODIDAE	<i>Delma inornata</i>	Olive Snake-lizard			RA	-					RA	-		

Appendix 11 b). Fauna species for the entire project area, in taxonomic sequence (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
REPTILIA	PYGOPODIDAE	<i>Delma molleri</i>	Adelaide Snake-lizard			RA	0					RA	0		
REPTILIA	PYGOPODIDAE	<i>Delma butleri</i>	Spinifex Snake-lizard			LC	0	LC	0			LC	0	LC	0
REPTILIA	PYGOPODIDAE	<i>Aprasia inaurita</i>	Red-tailed Worm-lizard			NT	0	LC	0	RA	0	DD	DD	LC	0
REPTILIA	PYGOPODIDAE	<i>Pygopus schraderi</i>	Hooded Scaly-foot			RA	0	RA	0						
REPTILIA	SCINCIDAE	<i>Bassiana duperreyi</i>	Eastern Three-lined Skink			RA	0							RA	0
REPTILIA	SCINCIDAE	<i>Ctenotus robustus</i>	Eastern Striped Skink			NT	0	RA	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Liopholis inornata</i>	Desert Skink			LC	0	LC	0			NT	-	LC	0
REPTILIA	SCINCIDAE	<i>Morethia adelaidensis</i>	Adelaide Snake-eye			NT	0	RA	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Ctenotus brachyonyx</i>	Brown Ctenotus			LC	0	LC	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lampropholis guichenoti</i>	Garden Skink			RA	0					RA	0	RA	0
REPTILIA	SCINCIDAE	<i>Tiliqua scincoides</i>	Eastern Bluetongue			NT	0					LC	0	RA	0
REPTILIA	SCINCIDAE	<i>Hemiergis millewae</i>	Rusty Earless Skink			LC	0					LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus taeniatus</i>	Eyrean Ctenotus			NT	0	RA	0			RA	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista bougainvillii</i>	Bougainville's Skink			NT	0	RA	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista labialis</i>	Eastern Tw o-toed Slider			RA	0	RA	0						
REPTILIA	SCINCIDAE	<i>Hemiergis peronii</i>	Four-toed Earless Skink			NT	0					LC	0	RA	DD
REPTILIA	SCINCIDAE	<i>Menetia greyii</i>	Dwarf Skink			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Egernia striolata</i>	Eastern Tree Skink			NT	0	LC	0	LC	0	RA	0		
REPTILIA	SCINCIDAE	<i>Cryptoblepharus pannosus</i>	Speckled Wall Skink			LC	0	LC	0	LC	0	LC	0	RA	0
REPTILIA	SCINCIDAE	<i>Eulamprus quoyii</i>	Eastern Water Skink			NT	0			NT	0	NT	0		
REPTILIA	SCINCIDAE	<i>Morethia obscura</i>	Mallee Snake-eye			LC	0	LC	0	RA	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista punctatovittata</i>	Spotted Slider			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lampropholis delicata</i>	Delicate Skink			NT	0					RA	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus orientalis</i>	Spotted Ctenotus			NT	0	RA	0	RA	DD	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus strauchii</i>	Short-legged Ctenotus			RA	0					RA	0		
REPTILIA	SCINCIDAE	<i>Tiliqua rugosa</i>	Sleepy Lizard			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Ctenotus atlas</i>	Southern Spinifex Ctenotus			NT	0	LC	0			RA	0		
REPTILIA	SCINCIDAE	<i>Lerista dorsalis</i>	Southern Four-toed Slider			NT	0	RA	0			LC	0		
REPTILIA	SCINCIDAE	<i>Ctenotus olympicus</i>	Saltbush Ctenotus			RA	0	RA	0	RA	0				
REPTILIA	SCINCIDAE	<i>Morethia boulengeri</i>	Common Snake-eye			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Hemiergis decresiensis</i>	Three-toed Earless Skink			LC	0					LC	0		
REPTILIA	SCINCIDAE	<i>Cyclodomorphus melanops</i>	Spinifex Slender Bluetongue			LC	0	LC	0						
REPTILIA	SCINCIDAE	<i>Eremiascincus richardsonii</i>	Broad-banded Sandsw immer			LC	0	LC	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Cryptoblepharus australis</i>	Desert Wall Skink			NT	0	LC	0	RA	DD				
REPTILIA	SCINCIDAE	<i>Ctenotus regius</i>	Eastern Desert Ctenotus			LC	0	LC	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Lerista aericeps</i>	Yellow -tailed Slider			LC	0	LC	0						
REPTILIA	SCINCIDAE	<i>Tiliqua occipitalis</i>	Western Bluetongue			LC	0	LC	0			LC	0	LC	0
REPTILIA	SCINCIDAE	<i>Lerista timida</i>	Dwarf Three-toed Slider			LC	0	LC	0	LC	0	LC	0		
REPTILIA	SCINCIDAE	<i>Ctenotus schomburgkii</i>	Sandplain Ctenotus			NT	0	LC	0	LC	0	RA	0		
REPTILIA	VARANIDAE	<i>Varanus gouldii</i>	Sand Goanna			LC	0	LC	0	LC	0	LC	0	LC	0
REPTILIA	VARANIDAE	<i>Varanus rosenbergi</i>	Heath Goanna		V	RA	-							RA	-
REPTILIA	VARANIDAE	<i>Varanus varius</i>	Lace Monitor		R	NT	0			NT	0	RA	DD		
REPTILIA	TYPHLOPIDAE	<i>Ramphotyphlops bituberculatus</i>	Rough-nosed Blind Snake			LC	0	LC	0	LC	0	LC	0	RA	0
REPTILIA	TYPHLOPIDAE	<i>Ramphotyphlops bicolor</i>	Southern Blind Snake			LC	0	LC	0	DD	DD	LC	0	LC	0
REPTILIA	BODAE	<i>Morelia spilota</i>	Carpet Python		R	RA	-	RA	-	NT	0	RA	-		
REPTILIA	ELAPIDAE	<i>Brachyurophis australis</i>	Coral Snake			NT	-	LC	0	RA	-	RA	-		
REPTILIA	ELAPIDAE	<i>Demansia psammophis</i>	Yellow -faced Whipsnake			DD	DD	DD	DD	DD	DD	DD	DD		
REPTILIA	ELAPIDAE	<i>Suta suta</i>	Curl Snake			LC	0	LC	0	LC	0				
REPTILIA	ELAPIDAE	<i>Echiopsis curta</i>	Bardick		R	VU	-	VU	-	VU	-			VU	-
REPTILIA	ELAPIDAE	<i>Notechis scutatus</i>	Eastern Tiger Snake		ssp	VU	-			VU	-	VU	-	RA	-
REPTILIA	ELAPIDAE	<i>Vermicella annulata</i>	Common Bandy Bandy		R	LC	0	LC	0	DD	DD	DD	DD		
REPTILIA	ELAPIDAE	<i>Pseudechis australis</i>	Mulga Snake			NT	0	LC	0	RA	0				
REPTILIA	ELAPIDAE	<i>Pseudonaja aspidorhyncha</i>	Patch-nosed Brown Snake			NT	0	LC	0	LC	0	RA	0		
REPTILIA	ELAPIDAE	<i>Pseudechis porphyriacus</i>	Red-bellied Black Snake			VU	-					VU	-		
REPTILIA	ELAPIDAE	<i>Pseudonaja modesta</i>	Five-ringed Snake			NT	0	LC	0	RA	0				
REPTILIA	ELAPIDAE	<i>Parasuta spectabilis</i>	Mallee Black-headed Snake			NT	0	RA	0			RA	0	LC	0
REPTILIA	ELAPIDAE	<i>Pseudonaja textilis</i>	Eastern Brown Snake			LC	0	RA	0	LC	0	LC	0	LC	0
REPTILIA	ELAPIDAE	<i>Parasuta nigriceps</i>	Mitchell's Short-tailed Snake			LC	0	LC	0	RA	-	LC	0	LC	0
REPTILIA	ELAPIDAE	<i>Drysdalia mastersii</i>	Master's Snake			LC	0							LC	0
AMPHIBIA	HYLIDAE	<i>Litoria ewingii</i>	Brown Tree Frog			NT	0					NT	-	RA	0
AMPHIBIA	HYLIDAE	<i>Litoria peronii</i>	Peron's Tree Frog			NT	0	RA	0	NT	0	NT	0	RA	0
AMPHIBIA	HYLIDAE	<i>Litoria raniformis</i>	Southern Bell Frog		VU	NT	-	RA	-	NT	-	NT	-	RA	-
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes dumerilii</i>	Banjo Frog			NT	0	RA	0	NT	0	LC	0	LC	0
AMPHIBIA	MYOBATRACHIDAE	<i>Crinia signifera</i>	Common Froglet			NT	0	RA	0	NT	0	NT	0	RA	0
AMPHIBIA	MYOBATRACHIDAE	<i>Crinia parinsignifera</i>	Murray Valley Froglet			NT	0	RA	0	NT	0	NT	0		
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes fletcheri</i>	Long-thumbed Frog			NT	-	RA	0	NT	-	NT	-		
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes peronii</i>	Striped Marsh Frog			RA	0							RA	0
AMPHIBIA	MYOBATRACHIDAE	<i>Neobatrachus pictus</i>	Burrowing frog			LC	0	LC	0	LC	0	LC	0	LC	0
AMPHIBIA	MYOBATRACHIDAE	<i>Limnodynastes tasmaniensis</i>	Spotted Marsh Frog			LC	0	LC	0	LC	0	LC	0	LC	0
AMPHIBIA	MYOBATRACHIDAE	<i>Neobatrachus sudelli</i>	Sudell's Frog			LC	0	LC	0	LC	0	LC	0	RA	0
AMPHIBIA	MYOBATRACHIDAE	<i>Pseudophryne bibronii</i>	Brown Toadlet		R	RA	-							RA	-

Appendix 11 b). Fauna species for the entire project area, in taxonomic sequence (cont.)

Class Name	Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CEPHALASPIDOMORPHI	GEOTRIIDAE	<i>Geotria australis</i>	Pouched Lamprey			CR	-			CR	-	CR	-		
CEPHALASPIDOMORPHI	MORDACIIDAE	<i>Mordacia mordax</i>	Short-headed Lamprey			CR	-			CR	-	CR	-		
OSTEICHTHYES	ANGUILLIDAE	<i>Anguilla australis australis</i>	Short-finned Eel			CR	-			CR	-	CR	-		
OSTEICHTHYES	ATHERINIDAE	<i>Atherinosoma microstoma</i>	Smallmouth Hardyhead			VU	-					VU	-		
OSTEICHTHYES	ATHERINIDAE	<i>Craterocephalus fluviatilis</i>	Murray Hardyhead	VU		CR	-			CR	-	CR	-		
OSTEICHTHYES	ATHERINIDAE	<i>Craterocephalus stercusmuscarum fulvus</i>	Unspecked Hardyhead			LC	+			LC	++	NT	-		
OSTEICHTHYES	MELANOAEINIDAE	<i>Melanotaenia fluviatilis</i>	Murray Rainbow Fish			LC	0			LC	+	NT	-		
OSTEICHTHYES	CLUPEIDAE	<i>Nematalosa erebi</i>	Bony Herring			LC	0			LC	0	LC	0		
OSTEICHTHYES	AMBASSIDAE	<i>Ambassis agassizii</i>	Agassiz's Glassfish			CR	0			CR	0	CR	-		
OSTEICHTHYES	BOVICHTHYIDAE	<i>Pseudaphritis urvillii</i>	Congolli			CR	-			RE		CR	-		
OSTEICHTHYES	ELEOTRIDAE	<i>Mogurnda adspersa</i>	Southern Purple-Spotted Gudgeon			CR	-			RE		CR	-		
OSTEICHTHYES	ELEOTRIDAE	<i>Philypnodon grandiceps</i>	Flathead Gudgeon			LC	0			LC	0	LC	0		
OSTEICHTHYES	ELEOTRIDAE	<i>Philypnodon macrostomus</i>	Dwarf Flathead Gudgeon			NT	0			NT	0	NT	-		
OSTEICHTHYES	GADOPSIDAE	<i>Gadopsis marmoratus</i>	River Blackfish			CR	-			RE		CR	-		
OSTEICHTHYES	GOBIDAE	<i>Pseudogobius olorum</i>	Western Bluespot Goby			VU	-					VU	-		
OSTEICHTHYES	GOBIDAE	<i>Tasmanogobius lasti</i>	Lagoon goby			VU	-					VU	-		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Nannoperca australis</i>	Southern Pigmy Perch			CR	-					CR	-		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Nannoperca obscura</i>	Yarra Pigmy Perch	VU		CR	-					CR	-		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Maccullochella macquariensis</i>	Trout Cod	EN	EX	RE	-			RE		RE			
OSTEICHTHYES	PERCICHTHYIDAE	<i>Maccullochella peelii peelii</i>	Murray Cod	VU		EN	-			EN	-	CR	-		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Macquaria ambigua ambigua</i>	Murray-Darling Golden Perch			VU	-			VU	-	VU	-		
OSTEICHTHYES	PERCICHTHYIDAE	<i>Macquaria australasica</i>	Macquarie Perch		EX	RE	-			RE		RE			
OSTEICHTHYES	PERCICHTHYIDAE	<i>Macquaria colonorum</i>	Estuary Perch			CR	-					CR	-		
OSTEICHTHYES	TERAPONTIDAE	<i>Bidyanus bidyanus</i>	Silver Perch			EN	-			EN	-	CR	-		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias brevipinnis</i>	Climbing Galaxias			CR	-					CR	-		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias maculatus</i>	Common Galaxias			VU	-					VU	-		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias olidus</i>	Mountain Galaxias			EN	-					EN	-		
OSTEICHTHYES	GALAXIIDAE	<i>Galaxias rostratus</i>	Flathead Galaxias			RE						RE			
OSTEICHTHYES	RETROPINNIDAE	<i>Retropinna semoni</i>	Smelt			LC	0			LC	0	LC	0		
OSTEICHTHYES	PLOTOSIDAE	<i>Tandanus tandanus</i>	Freshwater Catfish			EN	-			EN	-	EN	-		

Appendix 12. a). Flora species list for the project area, from most to least threatened. Status ratings and trends are shown for the Murraylands Region (shaded), and each IBRA subregion, plus current ratings under the EPBC Act 1999 and NPW Act 1972. Species are listed from most to least threatened per regional rating (status and trend), then in alphabetical order of Scientific Name.

- **Regional Status Codes:** RE = regionally extinct; CR = critically endangered; EN = endangered; VU = vulnerable; RA = rare; NT = near threatened; LC = least concern; DD = data deficient, NE = Not Evaluated.
- **Regional Trend Codes:** -- = definite decline; - = probable decline; 0 = stable/no change; + = probable increase; ++ = definite increase; DD = data deficient.
- **EPBC Status Codes:** EX = extinct; CR = critically endangered; EN = endangered; VU = vulnerable.
- **NPW Status Codes:** X = extinct, E = endangered; V = vulnerable, R = rare.

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
COMPOSITAE	<i>Acanthocladium dockeri</i>	Spiny Everlasting	CR	E	RE				RE					
EUPHORBIACEAE	<i>Amperea xiphoclada</i> var. <i>xiphoclada</i>	Broom Spurge			RE								RE	
ORCHIDACEAE	<i>Caladenia clavigera</i>	Plain-lip Spider-orchid		E	RE								RE	
ORCHIDACEAE	<i>Caladenia</i> sp. <i>Finniss</i>	Finniss Spider-orchid			RE						RE			
ORCHIDACEAE	<i>Caleana major</i>	Large Duck-orchid		V	RE								RE	
MYRTACEAE	<i>Darwinia micropetala</i>	Small Darwinia			RE								RE	
HALORAGACEAE	<i>Haloragis myriocarpa</i>			R	RE						RE			
GRAMINEAE	<i>Hemarthria uncinata</i> var. <i>uncinata</i>	Mat Grass			RE				RE		RE			
LEMNACEAE	<i>Lemna trisulca</i>	Ivy-leaf Duckweed			RE						RE			
CRUCIFERAE	<i>Lepidium monoplacoides</i>	Winged Peppergrass	EN	E*	RE				RE					
MYRTACEAE	<i>Melaleuca xerophila</i>	Boree			RE						RE			
HALORAGACEAE	<i>Myriophyllum amphibium</i>	Broad Milfoil		R	RE						RE			
ORCHIDACEAE	<i>Pterostylis boormanii</i>	Boorman's Greenhood			RE						RE		RE	
ORCHIDACEAE	<i>Pterostylis setifera</i>	Bristly Rustyhood			RE						RE			
CYPERACEAE	<i>Schoenus carsei</i>	Wiry Bog-rush			RE						RE			
COMPOSITAE	<i>Senecio behrianus</i>	Behrs Groundsel			RE						RE			
LEGUMINOSAE	<i>Swainsona affinis</i>	Small-leaf Swainson-pea			RE				RE					
LILIACEAE	<i>Xanthorrhoea australis</i>	Austral Grass-tree			RE								RE	
LEGUMINOSAE	<i>Acacia trineura</i>	Three-nerve Wattle		E	CR	--							CR	--
ORCHIDACEAE	<i>Caladenia</i> sp. <i>Bordertown</i> (R.S.Rogers 788)	Bordertown Spider-orchid		E*	CR	--							CR	--
ORCHIDACEAE	<i>Caladenia</i> sp. <i>Monarto South</i>				CR	--					CR	--		
ORCHIDACEAE	<i>Caladenia stellata</i>	Star Spider-orchid		R	CR	--					CR	--		
ORCHIDACEAE	<i>Calochilus pruinus</i>	Plains Beard-orchid		R	CR	--					RE		CR	--
ORCHIDACEAE	<i>Corybas diemenicus</i>	Veined Helmet Orchid			CR	--							CR	--
ORCHIDACEAE	<i>Dipodium pardalinum</i>	Leopard Hyacinth-orchid		V	CR	--							CR	--
ORCHIDACEAE	<i>Thelymitra epipactoides</i>	Metallic Sun-orchid	EN	E	CR	--					CR	--	RE	
LEGUMINOSAE	<i>Acacia glandulicarpa</i>	Hairy-pod Wattle	VU	E	CR	-							CR	-
LEGUMINOSAE	<i>Acacia pinguifolia</i>	Fat-leaf Wattle	EN	E	CR	-					CR	-		
LEGUMINOSAE	<i>Acacia rhigiophylla</i>	Dagger-leaf Wattle		R	CR	-					CR	-		
UMBELLIFERAE	<i>Eryngium plantagineum</i>	Long Eryngium			CR	-			CR	-				
ORCHIDACEAE	<i>Prasophyllum</i> sp. <i>Waterholes</i>				CR	-							CR	-
LEGUMINOSAE	<i>Swainsona tephroticha</i>	Ashy-haired Swainson-pea			CR	-					CR	-		
ORCHIDACEAE	<i>Thelymitra benthamiana</i>	Leopard Sun-orchid			CR	-							CR	-
ORCHIDACEAE	<i>Caladenia filamentosa</i>	Daddy Long-legs			CR	0							CR	0
LEGUMINOSAE	<i>Acacia pendula</i>	Weeping Myall		V	CR	DD	CR	DD						
ORCHIDACEAE	<i>Caladenia toxochila</i>	Bow-lip Spider-orchid			CR	DD					RE		CR	DD
ORCHIDACEAE	<i>Caladenia valida</i>	Robust Spider-orchid		E	CR	DD					CR	DD		
GRAMINEAE	<i>Amphibromus macrorrhinus</i>	Long-nosed Swamp Wallaby-grass		R	EN	--							EN	--
ORCHIDACEAE	<i>Caladenia calcicola</i>	Eastern Limestone Spider-orchid			EN	--							EN	--
ORCHIDACEAE	<i>Caladenia flaccida</i>	Drooping Spider-orchid		V	EN	--					EN	--		
ORCHIDACEAE	<i>Caladenia formosa</i>	Elegant Spider Orchid	VU	V	EN	--							EN	--
ORCHIDACEAE	<i>Caladenia fulva</i>			E	EN	--							EN	--
ORCHIDACEAE	<i>Calochilus robertsonii</i>	Purplish Beard-orchid			EN	--							EN	--
MYRTACEAE	<i>Calytrix glaberrima</i>	Smooth Heath-myrtle			EN	--					EN	--		
ORCHIDACEAE	<i>Diuris palustris</i>	Little Donkey-orchid			EN	--					EN	--		
GRAMINEAE	<i>Eragrostis exigua</i>	Delicate Love-grass			EN	--			EN	--				
MYOPODACEAE	<i>Eremophila polyclada</i>	Twiggy Emubush		R	EN	--			EN	--				
GRAMINEAE	<i>Eulalia aurea</i>	Silky Brown-top			EN	--			EN	--	EN	--		
MYRTACEAE	<i>Leptospermum lanigerum</i>	Silky Tea-tree			EN	--					EN	--		
ORCHIDACEAE	<i>Microtis atrata</i>	Yellow Onion-orchid		R	EN	--							EN	--
ORCHIDACEAE	<i>Microtis orbicularis</i>	Swamp Onion-orchid		V	EN	--					RE		EN	--
ORCHIDACEAE	<i>Microtis</i> sp. <i>Short-leaf</i> (R.J.Bates 54342)				EN	--							EN	--
GRAMINEAE	<i>Poa drummondiana</i>	Knotted Poa		R	EN	--					EN	--		
LABIATAE	<i>Prostanthera eurybioides</i>	Monarto Mintbush	EN	E	EN	--					EN	--		
ORCHIDACEAE	<i>Pterostylis</i> aff. <i>boormanii</i>	Boorman's Greenhood			EN	--					EN	--		
MENYANTHACEAE	<i>Villarsia umbricola</i> var. <i>umbricola</i>	Lax Marsh-flow er			EN	--					EN	--	EN	--
LEGUMINOSAE	<i>Acacia ancistrophylla</i> var. <i>lissophylla</i>	Hook-leaf Wattle			EN	-					EN	-	EN	-
LEGUMINOSAE	<i>Acacia enterocarpa</i>	Jumping-jack Wattle	EN	E	EN	-							EN	-
EPACRIDACEAE	<i>Acrotriche depressa</i>	Native Currant			EN	-					VU	-	CR	DD
COMPOSITAE	<i>Alliaria cardiocarpa</i>	Swamp Daisy		R	EN	-							EN	-
CRUCIFERAE	<i>Arabidella eremigena</i>	Priddiw alkati			EN	-			EN	-				

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
COMPOSITAE	<i>Brachyscome dentata</i>	Lobe-seed Daisy			EN	-			EN	-				
ORCHIDACEAE	<i>Caladenia colorata</i>	Coloured Spider-orchid	EN	E	EN	-					EN	--	EN	-
CALLITRICHACEAE	<i>Callitriche umbonata</i>	Water Starwort		V	EN	-			EN	-			EN	--
CYPERACEAE	<i>Carex gaudichaudiana</i>	Fen Sedge			EN	-					EN	-		
CENTROLEPIDACEAE	<i>Centrolepis glabra</i>	Smooth Centrolepis		R	EN	-							EN	-
CRASSULACEAE	<i>Crassula peduncularis</i>	Purple Crassula		R	EN	-			EN	-	EN	-	VU	DD
GRAMINEAE	<i>Cymbopogon obtectus</i>	Silky-head Lemon-grass			EN	-			EN	-				
LEGUMINOSAE	<i>Daviesia pectinata</i>	Zig-zag Bitter-pea		R	EN	-					EN	DD	EN	-
CYPERACEAE	<i>Eleocharis sphacelata</i>	Tall Spike-rush			EN	-					EN	-		
ONAGRACEAE	<i>Epilobium pallidiflorum</i>	Showy Willow-herb			EN	-					EN	-		
MYOPORACEAE	<i>Eremophila gibbifolia</i>	Coccid Emubush		R	EN	-					EN	-		
UMBELLIFERAE	<i>Eryngium vesiculosum</i>	Prostrate Blue Devil		R	EN	-							EN	-
RUBIACEAE	<i>Galium gaudichaudii ssp. gaudichaudii</i>	Rough Bedstraw			EN	-					EN	-	NE	
MALVACEAE	<i>Hibiscus krichauffianus</i>	Velvet-leaf Hibiscus			EN	-			EN	-	EN	-		
JUNCEAE	<i>Juncus amabilis</i>			V	EN	-							EN	-
JUNCEAE	<i>Juncus australis</i>	Austral Rush		R	EN	-							EN	-
JUNCEAE	<i>Juncus caespiticus</i>	Grassy Rush			EN	-					EN	-		
JUNCEAE	<i>Juncus prismatocarpus</i>	Branching Rush		E	EN	-					EN	-		
ZANNICHELLIACEAE	<i>Lepilaena bilocularis</i>	Small-fruit Water-mat			EN	-			EN	-				
HALORAGACEAE	<i>Myriophyllum caput-medusae</i>	Coarse Milfoil			EN	-			EN	-	EN	-		
HALORAGACEAE	<i>Myriophyllum salsugineum</i>	Lake Milfoil			EN	-					EN	-		
HALORAGACEAE	<i>Myriophyllum variifolium</i>	Varied Milfoil		R	EN	-					EN	-		
PORTULACACEAE	<i>Neopaxia australasica</i>	White Purslane		R	EN	-					EN	-		
MENYANTHACEAE	<i>Nymphoides crenata</i>	Wavy Marshwort		R	EN	-			EN	-	RE			
GRAMINEAE	<i>Panicum laevinode</i>				EN	-			EN	-				
POTAMOGETONACEAE	<i>Potamogeton ochreatus</i>	Blunt Pondweed		R	EN	-							EN	-
GRAMINEAE	<i>Pseudoraphis spinescens</i>	Spiny Mud-grass			EN	-			EN	-	EN	-		
ORCHIDACEAE	<i>Pterostylis chlorogramma</i>			VU	E	EN	-						EN	-
ORCHIDACEAE	<i>Pterostylis tasmanica</i>			V	EN	-							EN	-
AMARANTHACEAE	<i>Ptilotus macrocephalus</i>	Feather-heads			EN	-							EN	-
RANUNCULACEAE	<i>Ranunculus inundatus</i>	River Buttercup		R	EN	-					EN	-		
RANUNCULACEAE	<i>Ranunculus pumilio var. politus</i>	Smooth-fruit Ferny Buttercup		V	EN	-	EN	-					EN	-
RANUNCULACEAE	<i>Ranunculus sessiliflorus var. pilulifer</i>	Annual Buttercup		V	EN	-			EN	-	EN	DD	EN	-
CRUCIFERAE	<i>Rorippa laciniata</i>	Jagged Bitter-cress		R	EN	-			EN	-				
LABIATAE	<i>Scutellaria humilis</i>	Dwarf Skullcap		R	EN	-					EN	-		
COMPOSITAE	<i>Senecio pilosicristus</i>				EN	-					EN	-	EN	-
STYLIDIACEAE	<i>Stylidium ecorne</i>			R	EN	-							EN	-
LEGUMINOSAE	<i>Swainsona behriana</i>	Behr's Swainson-pea		V	EN	-					EN	-		
LEGUMINOSAE	<i>Swainsona fuscoviridis</i>	Dark Green Swainson-pea		R	EN	-					EN	-		
LEGUMINOSAE	<i>Swainsona lessertiifolia</i>	Coast Swainson-pea			EN	-			DD	DD	EN	-		
LEGUMINOSAE	<i>Swainsona pyrophila</i>	Yellow Swainson-pea		VU	R	EN	-				EN	-		
LEGUMINOSAE	<i>Swainsona reticulata</i>				EN	-			EN	-	RE			
ORCHIDACEAE	<i>Thelymitra lucida</i>	Glistening Sun-orchid			EN	-							EN	-
GOODENIACEAE	<i>Goodenia gracilis</i>	Grampians Goodenia		V	EN	0							EN	0
ORCHIDACEAE	<i>Pterostylis planulata</i>	Flat Rustyhood			EN	0							EN	0
AMARANTHACEAE	<i>Ptilotus erubescens</i>	Hairy-tails		R	EN	0							EN	0
ORCHIDACEAE	<i>Caladenia bicallata ssp. bicallata</i>	Limestone Spider-orchid			EN	DD							EN	DD
ORCHIDACEAE	<i>Caladenia ornata</i>	Ornate Pink Fingers			EN	DD							EN	DD
LILIACEAE	<i>Calectasia intermedia</i>	Eastern Blue Tinsel-lily		V	EN	DD							EN	DD
CYPERACEAE	<i>Cyperus flaccidus</i>	Flaccid Flat-sedge		R	EN	DD			EN	DD				
GRAMINEAE	<i>Echinochloa lacunaria</i>				EN	DD			EN	DD				
GRAMINEAE	<i>Elytrophorus spicatus</i>	Spike-grass			EN	DD			EN	DD				
GOODENIACEAE	<i>Goodenia elongata</i>	Lanky Goodenia		E	EN	DD							EN	DD
PROTEACEAE	<i>Grevillea angustiloba ssp. wirregaensis</i>	Dissected Holly-leaf Grevillea		E	EN	DD							EN	DD
COMPOSITAE	<i>Hyalosperma stoveae</i>	Dwarf Sunray		R	EN	DD	EN	DD						
COMPOSITAE	<i>Leptorhynchus scaber</i>	Annual Buttons		R	EN	DD	EN	DD						
ORCHIDACEAE	<i>Prasophyllum fitzgeraldii</i>	Fitzgerald's Leek-orchid			EN	DD							EN	DD
ORCHIDACEAE	<i>Pterostylis sp. Lower Murray (R Edge)</i>				EN	DD					EN	DD		
ORCHIDACEAE	<i>Pterostylis sp. Vined leaf (Hale) (NC)</i>				EN	DD					EN	DD		
COMPOSITAE	<i>Pycnosorus chrysanthes</i>			E	EN	DD							EN	DD
CARYOPHYLLACEAE	<i>Stellaria palustris var. tenella</i>	Swamp Starwort		R	EN	DD					EN	DD		
GRAMINEAE	<i>Amphibromus nervosus</i>	Veined Swamp Wallaby-grass			VU	--	RA	DD	VU	DD	VU	DD	EN	--
CERATOPHYLLACEAE	<i>Ceratophyllum demersum</i>	Hornwort		R	VU	--					VU	--		
GRAMINEAE	<i>Cymbopogon ambiguus</i>	Lemon-grass			VU	--					VU	--		
SAPINDACEAE	<i>Dodonaea lobulata</i>	Lobed-leaf Hop-bush			VU	--			EN	--	VU	DD		
GRAMINEAE	<i>Eragrostis lacunaria</i>	Purple Love-grass		R	VU	--			VU	--	VU	--		
CHENOPODIACEAE	<i>Maireana astrotricha</i>	Low Bluebush			VU	--	VU	--						
RUTACEAE	<i>Phebalium lowanense</i>	Low an Phebalium		VU	V	VU	--						VU	--
GRAMINEAE	<i>Poa fordeana</i>	Forde's Poa			VU	--			VU	--	VU	--		
ORCHIDACEAE	<i>Pterostylis erythroconcha</i>	Red Shell-orchid			VU	--					VU	--	VU	--

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olyary Plain Status	South Olyary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
ORCHIDACEAE	<i>Thelymitra nuda</i>	Scented Sun-orchid			VU	-							VU	-
LEGUMINOSAE	<i>Acacia menzliei</i>	Menzel's Wattle	VU	V	VU	-					VU	-		
LEGUMINOSAE	<i>Acacia retinocarpa</i>	Resin Wattle	VU	V	VU	-					VU	-		
LEGUMINOSAE	<i>Acacia salicina</i>	Willow Wattle			VU	-			VU	-	VU	-		
LEGUMINOSAE	<i>Acacia simmonsiana</i>	Hall's Wattle		R	VU	-					VU	-	EN	-
ADIANTACEAE	<i>Adiantum capillus-veneris</i>	Dainty Maiden-hair		V	VU	-					VU	-		
COMPOSITAE	<i>Alliaria uliginosa</i>	Wet-heath Daisy		R	VU	-								VU
CASUARINACEAE	<i>Allocasuarina luehmannii</i>	Bull Oak			VU	-					EN	-	RA	-
AMARANTHACEAE	<i>Amaranthus grandiflorus</i>	Large-flower Amaranth			VU	-			EN	-	VU	DD		
LYTHRACEAE	<i>Ammannia multiflora</i>	Jerry-jerry			VU	-			VU	-	EN	-		
CHENOPODIACEAE	<i>Atriplex australasica</i>			R	VU	-					VU	-		
CHENOPODIACEAE	<i>Atriplex velutinella</i>	Sandhill Saltbush			VU	-			VU	-				
GRAMINEAE	<i>Austrodanthonia auriculata</i>	Lobed Wallaby-grass			VU	-							VU	-
GRAMINEAE	<i>Austrodanthonia duttoniana</i>	Brown-back Wallaby-grass			VU	-					EN	DD	RA	-
GRAMINEAE	<i>Austrodanthonia eriantha</i>	Hill Wallaby-grass			VU	-					VU	-	VU	-
GRAMINEAE	<i>Austrodanthonia fulva</i>	Leafy Wallaby-grass			VU	-					VU	-	VU	-
GRAMINEAE	<i>Austrodanthonia racemosa</i> var. <i>racemosa</i>	Slender Wallaby-grass			VU	-					VU	-	VU	-
RUTACEAE	<i>Boronia nana</i> var. <i>nana</i>	Dwarf Boronia			VU	-							VU	-
RUTACEAE	<i>Boronia nana</i> var. <i>pubescens</i>	Dwarf Boronia		R	VU	-							VU	-
COMPOSITAE	<i>Brachyscome graminea</i>	Grass Daisy		R	VU	-					VU	-		
GRAMINEAE	<i>Bromus arenarius</i>	Sand Brome			VU	-	VU	-	VU	-	VU	-		
PORTULACACEAE	<i>Calandrinia volubilis</i>	Twining Purslane			VU	-			VU	-	VU	-		
AMARYLLIDACEAE	<i>Calostemma luteum</i>	Yellow Garland-lily			VU	-			RA	-	EN	-		
EUPHORBIACEAE	<i>Chamaesyce dallachyana</i>	Caustic Weed			VU	-			VU	-	VU	-		
SANTALACEAE	<i>Choretrum spicatum</i>	Spiked Sour-bush		R	VU	-							VU	-
COMPOSITAE	<i>Craspedia variabilis</i>	Billy-buttons			VU	-					VU	-	VU	-
AMARYLLIDACEAE	<i>Crinum flaccidum</i>	Murray Lily			VU	-			RA	-	EN	-		
CUCURBITACEAE	<i>Cucumis melo</i>	Ulcardo Melon			VU	-			VU	-				
LEGUMINOSAE	<i>Cullen discolor</i>	Prostrate Scurf-pea			VU	-	RA	DD	VU	-	VU	DD		
LEGUMINOSAE	<i>Cullen pallidum</i>	White Scurf-pea			VU	-	RA	DD	VU	-	VU	-		
GRAMINEAE	<i>Cynodon dactylon</i> var. <i>pulchellus</i>	Couch			VU	-			VU	-	VU	-		
CYPERACEAE	<i>Cyperus nervulosus</i>			R	VU	-			VU	-	VU	-		
ALISMATACEAE	<i>Damasonium minus</i>	Star-fruit			VU	-			VU	DD	VU	DD	EN	-
LILIAEAE	<i>Dianella longifolia</i> var. <i>grandis</i>	Pale Flax-lily		R	VU	-					VU	-	VU	-
LILIAEAE	<i>Dianella porracea</i>	Pale Flax-lily		V	VU	-	VU	DD	VU	-				
GRAMINEAE	<i>Digitaria brownii</i>	Cotton Panic-grass			VU	-			VU	-				
ORCHIDACEAE	<i>Dipodium roseum</i>	Pink Hyacinth Orchid			VU	-							VU	-
ELATINACEAE	<i>Elatine gratioloides</i>	Waterwort		R	VU	-			RA	-	VU	-	EN	DD
CYPERACEAE	<i>Eleocharis atricha</i>	Tuber Spike-rush		V	VU	-							VU	-
EPACRIDACEAE	<i>Epacris impressa</i>	Common Heath			VU	-					CR	--	NT	0
COMPOSITAE	<i>Epaltes cunninghamii</i>	Tall Nut-heads			VU	-			VU	-				
ONAGRACEAE	<i>Epilobium billardierianum</i> ssp. <i>billardierianum</i>	Robust Willow-herb			VU	-					VU	-	VU	-
ONAGRACEAE	<i>Epilobium hirtigerum</i>	Hairy Willow-herb			VU	-					VU	-		
GRAMINEAE	<i>Eragrostis infecunda</i>	Barren Cane-grass		R	VU	-			VU	--			VU	-
MYOPORACEAE	<i>Eremophila behriana</i>	Rough Emubush			VU	-					VU	-	VU	-
MYOPORACEAE	<i>Eremophila bignoniiflora</i>	Bignonia Emubush			VU	-			VU	-				
MYRTACEAE	<i>Eucalyptus phenax</i> ssp. <i>compressa</i>	Kangaroo Island Mallee		R	VU	-					VU	-		
SANTALACEAE	<i>Exocarpos strictus</i>	Pale-fruit Cherry		R	VU	-	VU	DD	RA	-			VU	DD
RUBIACEAE	<i>Galium bulliformis</i>	Reflexed Bedstraw			VU	-	VU	-						
RUBIACEAE	<i>Galium compactum</i>	Compact Bedstraw			VU	-					VU	-		
RUTACEAE	<i>Geijera parviflora</i>	Wiga		R	VU	-	VU	-			RE			
GOODENIACEAE	<i>Goodenia heteromera</i>	Spreading Goodenia		R	VU	-			VU	-			VU	DD
GOODENIACEAE	<i>Goodenia humilis</i>	Swamp Goodenia			VU	-							VU	-
GOODENIACEAE	<i>Goodenia ovata</i>	Hop Goodenia			VU	-					VU	-		
SCROPHULARIACEAE	<i>Gratiola pubescens</i>	Glandular Brooklime		R	VU	-			EN	-			VU	DD
SCROPHULARIACEAE	<i>Gratiola pumilo</i>	Dwarf Brooklime		R	VU	-			VU	--	VU	-	VU	DD
GYROSTEMONACEAE	<i>Gyrostemon thesioides</i>	Broom Wheel-fruit			VU	-					VU	-	VU	-
PROTEACEAE	<i>Hakea tephrosperma</i>	Hooked Needlewood		R	VU	-	RA	DD	EN	-	EN	-		
HALORAGACEAE	<i>Haloragis glauca</i> forma <i>glauca</i>	Bluish Raspwort			VU	-			VU	-	VU	-		
HALORAGACEAE	<i>Haloragis heterophylla</i>	Variable Raspwort			VU	-							VU	-
HALORAGACEAE	<i>Haloragis odontocarpa</i> forma <i>pterocarpa</i>	Mulga Nettle			VU	-	RA	DD	VU	-	EN	-	EN	-
BORAGINACEAE	<i>Heliotropium asperrimum</i>	Rough Heliotrope			VU	-					VU	-		
HYPOXIDACEAE	<i>Hypoxis vaginata</i> var. <i>vaginata</i>	Yellow Star			VU	-							VU	-
GRAMINEAE	<i>Isachne globosa</i>	Swamp Millet			VU	-					VU	-		
ISOETACEAE	<i>Isoetes drummondii</i> ssp. <i>drummondii</i>	Plain Quillwort		R	VU	-							VU	-
CYPERACEAE	<i>Isolepis australiensis</i>	Southern Club-rush			VU	-			VU	-	VU	-		
CYPERACEAE	<i>Isolepis fluitans</i>	Floating Club-rush			VU	-					VU	-	VU	-
CYPERACEAE	<i>Isolepis stellata</i>	Star Club-rush			VU	-					EN	-	VU	-
JUNCAEAE	<i>Juncus holoschoenus</i>	Joint-leaf Rush			VU	-					EN	-	RA	-
JUNCAEAE	<i>Juncus pauciflorus</i>	Loose-flower Rush			VU	-					VU	-		
JUNCAEAE	<i>Juncus radula</i>	Hoary Rush		V	VU	-							VU	-

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
GRAMINEAE	<i>Lachnagrostis aemula</i>	Blow n-grass			VU	-							VU	-
RUTACEAE	<i>Leionema microphyllum</i>	Limestone Phebalium	R		VU	-					RE		VU	-
CRUCIFERAE	<i>Lepidium fasciculatum</i>	Bundled Peppercross			VU	-	VU	-	VU	-				
CYPERACEAE	<i>Lepidosperma longitudinale</i>	Pithy Sw ord-sedge			VU	-					RE		VU	-
ZANNICHELLIACEAE	<i>Lepilaena australis</i>	Austral Water-mat			VU	-					EN	-	VU	-
GRAMINEAE	<i>Leptochloa fusca ssp. fusca</i>	Brow n Beetle-grass			VU	-			VU	-				
GRAMINEAE	<i>Leptochloa fusca ssp. muelleri</i>	Brow n Beetle-grass			VU	-			VU	-	VU	-		
COMPOSITAE	<i>Leptorhynchos elongatus</i>	Lanky Buttons	R		VU	-					VU	-		
UMBELLIFERAE	<i>Lilaeopsis polyantha</i>	Australian Lilaeopsis			VU	-					VU	-		
LYTHRACEAE	<i>Lythrum salicaria</i>	Purple Loosestripe	R		VU	-			VU	-	VU	-		
CHENOPODIAEAE	<i>Maireana aphylla</i>	Cotton-bush			VU	-	VU	-			VU	-		
MARSILEACEAE	<i>Marsilea hirsuta</i>	Short-fruit Nardoo			VU	-			VU	-	VU	-		
MYRTACEAE	<i>Melaleuca pauperiflora ssp. mutica</i>	Boree			VU	-					VU	-		
RUTACEAE	<i>Microcybe multiflora ssp. baccharoides</i>	Scale-leaf Microcybe			VU	-					VU	-		
ORCHIDACEAE	<i>Microtis frutetorum</i>				VU	-					RA	-	EN	-
SCROPHULARIACEAE	<i>Mimulus prostratus</i>	Small Monkey-flow er	R		VU	-	VU	-	VU	-				
POLYGONACEAE	<i>Muehlenbeckia dielina ssp. dielina</i>	Twiggy Lignum			VU	-	VU	DD			VU	-	VU	DD
POLYGONACEAE	<i>Muehlenbeckia horrida ssp. horrida</i>	Spiny Lignum	R		VU	-			VU	-	VU	-		
MYOPORACEAE	<i>Myoporum brevipes</i>	Warty Boobiella			VU	-					VU	-		
HALORAGACEAE	<i>Myriophyllum crispatum</i>	Upright Milfoil	V		VU	-			VU	-	VU	-		
HALORAGACEAE	<i>Myriophyllum simulans</i>	Amphibious Milfoil			VU	-			VU	-	EN	-		
COMPOSITAE	<i>Olearia pannosa ssp. pannosa</i>	Silver Daisy-bush	VU	V	VU	-					VU	-		
COMPOSITAE	<i>Olearia passerinoides ssp. glutescens</i>	Sticky Daisy-bush	R		VU	-	NE				VU	-		
OROBANCHACEAE	<i>Orobanche cernua var. australiana</i>	Australian Broomrape	R		VU	-			VU	-	VU	DD		
ORCHIDACEAE	<i>Orthoceras strictum</i>	Horned Orchid			VU	-							VU	-
COMPOSITAE	<i>Ozothamnus pholidotus</i>	Scaly Haeckeria	V		VU	-			EN	-	VU	-	VU	-
POLYGONACEAE	<i>Persicaria decipiens</i>	Slender Knotweed			VU	-			VU	-	VU	-		
LOGANIACEAE	<i>Phyllangium distylis</i>	Tiny Mitrewort	R		VU	-							VU	-
GRAMINEAE	<i>Poa labillardieri var. labillardieri</i>	Common Tussock-grass			VU	-					VU	-	VU	-
GRAMINEAE	<i>Poa rodwayi</i>	Velvet Tussock-grass	R		VU	-							VU	-
COMPOSITAE	<i>Podolepis jaceoides</i>	Show y Copper-w ire Daisy	R		VU	-					VU	-		
POTAMOGETONACEAE	<i>Potamogeton tepperi</i>	Tepper's Pondweed			VU	-			VU	-	EN	-		
ORCHIDACEAE	<i>Prasophyllum occidentale</i>	Plains Leek-orchid			VU	-			DD	DD	VU	-		
ORCHIDACEAE	<i>Pterostylis lingua</i>	Large-lipped Rustyhood			VU	-	VU	-						
ORCHIDACEAE	<i>Pterostylis plumosa</i>	Bearded Greenhood			VU	-					EN	-	RA	-
ORCHIDACEAE	<i>Pterostylis striata</i>	Tall Shell-orchid	R		VU	-							VU	-
LEGUMINOSAE	<i>Pultenaea hispida</i>	Rusty Bush-pea			VU	-							VU	-
LEGUMINOSAE	<i>Pultenaea trinervis</i>	Three-nerve Bush-pea			VU	-					VU	-		
RANUNCULACEAE	<i>Ranunculus amphitrichus</i>	Small River Buttercup			VU	-					VU	-		
RANUNCULACEAE	<i>Ranunculus robertsonii</i>	Slender Buttercup	R		VU	-							VU	-
SANTALACEAE	<i>Santalum lanceolatum</i>	Plumbush			VU	-			VU	-				
GOODENIACEAE	<i>Scaevola linearis ssp. confertifolia</i>	Bundled Fanflower			VU	-					VU	-		
CYPERACEAE	<i>Schoenus latelaminatus</i>	Medusa Bog-rush	V		VU	-							VU	-
CHENOPODIAEAE	<i>Scleroblitum atriplicinum</i>	Starry Goosefoot			VU	-	RA	-	DD	DD	EN	--		
COMPOSITAE	<i>Senecio cunninghamii var. cunninghamii</i>	Shrubby Groundsel			VU	-			VU	-	VU	-		
COMPOSITAE	<i>Senecio hispidissimus</i>	Rough Groundsel			VU	-							VU	-
COMPOSITAE	<i>Senecio odoratus</i>	Scented Groundsel			VU	-					VU	-		
SOLANACEAE	<i>Solanum opacum</i>	Green-berry Nightshade			VU	-			VU	-	EN	-		
RHAMNACEAE	<i>Spyridium nitidum</i>	Shining Spyridium			VU	-							VU	-
STYLIDIACEAE	<i>Stylidium beaugleholei</i>	Beauglehole's Trigger-plant	R		VU	-							VU	-
LEGUMINOSAE	<i>Swainsona colutooides</i>	Bladder Sw ainson-pea			VU	-	VU	-	EN	-				
LEGUMINOSAE	<i>Swainsona greyana</i>	Darling Pea			VU	-			VU	DD	EN	-		
LEGUMINOSAE	<i>Swainsona oroboides</i>	Variable Sw ainson-pea			VU	-			VU	-				
LEGUMINOSAE	<i>Swainsona phacoides</i>	Dwarf Sw ainson-pea			VU	-			VU	-				
LEGUMINOSAE	<i>Swainsona procumbens</i>	Broughton Pea	V		VU	-							VU	-
LABIATAE	<i>Teucrium albicaule</i>	Scurfy Germander			VU	-	VU	-			VU	-		
ORCHIDACEAE	<i>Thelymitra azurea</i>	Azure Sun-orchid			VU	-					EN	--	RA	-
ORCHIDACEAE	<i>Thelymitra peniculata</i>	Blue Star Sun-orchid	V		VU	-							VU	-
JUNCAGINACEAE	<i>Triglochin alcockiae</i>	Alcock's Water-ribbons	R		VU	-					DD	DD	VU	-
CENTROLEPIDACEAE	<i>Trithuria submersa</i>	Trithuria			VU	-							VU	-
RHAMNACEAE	<i>Trymalium wayi</i>	Grey Trymalium			VU	-					VU	-		
URTICACEAE	<i>Urtica incisa</i>	Scrub Nettle			VU	-			VU	-	VU	-		
GOODENIACEAE	<i>Velleia connata</i>	Cup Velleia			VU	-	VU	DD	RA	DD	EN	-	VU	DD
GOODENIACEAE	<i>Velleia paradoxa</i>	Spur Velleia			VU	-			EN	-	RA	DD		
MENYANTHACEAE	<i>Villarsia reniformis</i>	Running Marsh-flower			VU	-							VU	-
LEGUMINOSAE	<i>Viminaria juncea</i>	Native Broom	R		VU	-					VU	-		
LEMNACEAE	<i>Wolffia australiana</i>	Tiny Duckweed			VU	-					VU	-		
ORCHIDACEAE	<i>Corybas unguiculatus</i>	Small Helmet-orchid	R	VU	0								VU	0
COMPOSITAE	<i>Craspedia paludicola</i>	Sw amp Buttons	V	VU	0								VU	0
LEGUMINOSAE	<i>Daviesia benthamii ssp. humilis</i>	Mallee Bitter-pea	R	VU	0						VU	DD	VU	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
SAPINDACEAE	<i>Dodonaea subglandulifera</i>		EN	F	VU	0	RE				VU	0		
GRAMINEAE	<i>Eragrostis brownii</i>	Bentham's Love-grass			VU	0			CR	-	RE		RA	0
UMBELLIFERAE	<i>Eryngium ovinum</i>	Blue Devil		V	VU	0							VU	0
GRAMINEAE	<i>Lachnagrostis robusta</i>	Tall Blow n-grass		R	VU	0			EN	-	RA	0		
LYCOPODIACEAE	<i>Phylloglossum drummondii</i>	Pigmy Clubmoss		R	VU	0							VU	0
THYMELAEACEAE	<i>Pimelea curviflora</i> var. <i>gracilis</i>			R	VU	0							VU	0
ORCHIDACEAE	<i>Pterostylis arenicola</i>	Sandhill Greenhood	VU	V	VU	0					VU	0		
LEGUMINOSAE	<i>Templetonia stenophylla</i>	Leafy Templetonia		V	VU	0							VU	0
LABIATAE	<i>Teucrium corymbosum</i>	Rock Germander			VU	0					VU	0		
MALVACEAE	<i>Abutilon fraseri</i> ssp. <i>diplotrichum</i>	Dwarf Lantern-bush			VU	DD					VU	DD		
CHENOPODIACEAE	<i>Atriplex papillata</i>	Coral Saltbush		E	VU	DD					VU	DD		
GRAMINEAE	<i>Austrostipa nullanulla</i>	Club Spear-grass	VU	V	VU	DD	VU	DD						
GRAMINEAE	<i>Austrostipa pilata</i>	Prickly Spear-grass		V	VU	DD					VU	DD		
CYPERACEAE	<i>Baumea acuta</i>	Pale Tw ig-rush		R	VU	DD							VU	DD
CYPERACEAE	<i>Baumea arthropophylla</i>	Swamp Tw ig-rush			VU	DD					VU	DD	VU	DD
COMPOSITAE	<i>Brachyscome melanocarpa</i>	Black-fruit Daisy		V	VU	DD			VU	DD				
ADIANTACEAE	<i>Cheilanthes lasiophylla</i>	Woolly Cloak-fern			VU	DD			VU	DD	VU	DD		
SANTALACEAE	<i>Choretrum glomeratum</i> var. <i>chrysanthum</i>	Yellow-flower Sour-bush		R	VU	DD	DD	DD			RE		VU	DD
LEGUMINOSAE	<i>Daviesia ulicifolia</i> ssp. <i>aridicola</i>	Gorse Bitter-pea			VU	DD			VU	DD				
GRAMINEAE	<i>Deyeuxia quadrisetata</i>	Reed Bent-grass			VU	DD							VU	DD
GRAMINEAE	<i>Eriochloa crebra</i>	Tall Cupgrass			VU	DD			VU	DD				
LEGUMINOSAE	<i>Glycine latrobeana</i>	Clover Glycine	VU	V	VU	DD							VU	DD
PROTEACEAE	<i>Grevillea angustiloba</i> ssp. <i>angustiloba</i>	Dissected Holly-leaf Grevillea		E*	VU	DD					EN	DD	VU	DD
DILLENIACEAE	<i>Hibbertia fasciculata</i>	Bundled Guinea-flow er			VU	DD							VU	DD
COMPOSITAE	<i>Kippistia suaeifolia</i>	Fleshy Kippistia			VU	DD	VU	DD						
LOGANIACEAE	<i>Logania minor</i>	Spoon-leaf Logania			VU	DD							VU	DD
MYRTACEAE	<i>Melaleuca halmaturorum</i>	Swamp Paper-bark			VU	DD					VU	DD		
LABIATAE	<i>Mentha satereioides</i>	Native Pennyroyal		R	VU	DD							VU	DD
EPACRIDACEAE	<i>Monotoca scoparia</i>	Prickly Broom-heath			VU	DD							VU	DD
HALORAGACEAE	<i>Myriophyllum integrifolium</i>	Tiny Milfoil		R	VU	DD							VU	DD
ORCHIDACEAE	<i>Paracaleana minor</i>	Small Duck-orchid		V	VU	DD							VU	DD
BORAGINACEAE	<i>Plagiobothrys elachanthus</i>	Hairy Forget-me-not			VU	DD			VU	DD				
ASPLENACEAE	<i>Pleurosorus rutifolius</i>	Blanket Fern			VU	DD			VU	DD	VU	DD		
GRAMINEAE	<i>Poa morrisii</i>	Soft Tussock-grass		R	VU	DD							VU	DD
ORCHIDACEAE	<i>Pterostylis flavovirens</i>	Tall Greenhood			VU	DD					VU	DD		
CRUCIFERAE	<i>Rorippa dictyosperma</i>	Forest Bitter-cress		R	VU	DD					VU	DD		
POLYGONACEAE	<i>Rumex dumosus</i>	Wiry Dock		R	VU	DD							VU	DD
CYPERACEAE	<i>Schoenoplectus dissachanthus</i>	Inland Club-rush			VU	DD			VU	DD				
CYPERACEAE	<i>Schoenus tesquorum</i>	Grassy Bog-rush		R	VU	DD							VU	DD
SELAGINELLACEAE	<i>Selaginella gracillima</i>	Tiny Selaginella			VU	DD							VU	DD
MALVACEAE	<i>Sida spodochroma</i>				VU	DD					VU	DD		
SOLANACEAE	<i>Solanum capsiciforme</i>	Capsicum Kangaroo-apple			VU	DD					VU	DD		
RHAMNACEAE	<i>Spyridium bifidum</i> var. <i>bifidum</i>	Forked Spyridium			VU	DD					VU	DD		
CARYOPHYLLACEAE	<i>Stellaria filiformis</i>	Thread Starwort			VU	DD	DD	DD			VU	DD	VU	DD
RHAMNACEAE	<i>Stenanthemum notiale</i> ssp. <i>notiale</i>	Trident Spyridium			VU	DD					VU	DD	VU	DD
STYLIDIACEAE	<i>Stylidium inundatum</i>	Hundreds And Thousands			VU	DD							VU	DD
STYLIDIACEAE	<i>Stylidium perpusillum</i>	Tiny Trigger-plant			VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia beaugleholei</i>	Beauglehole's Bladderwort		V	VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia dichotoma</i>	Purple Bladderwort			VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia tenella</i>	Pink Bladderwort			VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia violacea</i>	Violet Bladderwort		R	VU	DD							VU	DD
ORCHIDACEAE	<i>Corybas incurvus</i>	Slaty Helmet-orchid			RA	--							RA	--
MYRTACEAE	<i>Eucalyptus camaldulensis</i> var. <i>camaldulensis</i> (f)	River Red Gum			RA	--			NT	--	RA	--	RA	DD
MARSILEACEAE	<i>Marsilea costulifera</i>	Narrow-leaf Nardoo			RA	--	RA	0	NT	-	RA	-		
ORCHIDACEAE	<i>Pterostylis biseta</i>	Two-bristle Greenhood			RA	--					RA	--		
COMPOSITAE	<i>Rhodanthe floribunda</i>	White Everlasting			RA	--	RA	--	RA	--				
GRAMINEAE	<i>Setaria jubiflora</i>	Warrego Summer-grass			RA	--			RA	--	RA	--		
LEGUMINOSAE	<i>Acacia aneura</i> var. <i>aneura</i>	Mulga			RA	-	RA	-			RA	-	RA	DD
LEGUMINOSAE	<i>Acacia aneura</i> var. <i>intermedia</i>	Broad-leaf Mulga			RA	-	RA	-						
LEGUMINOSAE	<i>Acacia lineata</i>	Streaked Wattle		R	RA	-			RA	-	RA	-	RA	DD
LEGUMINOSAE	<i>Acacia melanoxylon</i>	Blackwood			RA	-					RA	-	RA	-
LEGUMINOSAE	<i>Acacia montana</i>	Mallee Wattle		R	RA	-	RA	DD			VU	-		
LEGUMINOSAE	<i>Acacia oxycedrus</i>	Spike Wattle			RA	-							RA	-
ORCHIDACEAE	<i>Acianthus pusillus</i>	Mosquito Orchid			RA	-					RA	-	RA	-
EUPHORBIACEAE	<i>Adriana quadripartita</i>	Coast Bitter-bush			RA	-					RA	-		
UMBELLIFERAE	<i>Apium annuum</i>	Annual Celery			RA	-			VU	-	NT	DD		
RUBIACEAE	<i>Asperula conferta</i>	Common Woodruff			RA	-					RA	-	RA	DD
RUBIACEAE	<i>Asperula wimmerana</i>				RA	-							RA	-
CHENOPODIACEAE	<i>Atriplex pseudocampanulata</i>	Spreading Saltbush			RA	-	RA	-	RA	-	RA	DD		
CYPERACEAE	<i>Baumea rubiginosa</i>	Soft Tw ig-rush			RA	-					RA	-		

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olyaly Plain Status	South Olyaly Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
COMPOSITAE	<i>Brachyscome basaltica</i> var. <i>gracilis</i>	Sw amp Daisy		R	RA	-			RA	-	RA	-		
COMPOSITAE	<i>Brachyscome ciliaris</i> var. <i>lanuginosa</i>	Woolly Variable Daisy			RA	-	RA	-	RA	-	RA	-		
PITOSPORA CEAE	<i>Bursaria spinosa</i> ssp. <i>lasiophylla</i>	Dow ny Bursaria			RA	-					RA	-		
ORCHIDA CEAE	<i>Caladenia latifolia</i>	Pink Caladenia			RA	-					RA	-	RA	-
ORCHIDA CEAE	<i>Caladenia prolata</i>	Shy Caladenia			RA	-							RA	-
ORCHIDA CEAE	<i>Caladenia tentaculata</i>	King Spider-orchid			RA	-							RA	-
MYRTACEAE	<i>Callistemon brachyandrus</i>	Prickly Bottlebrush		R	RA	-			VU	-	RA	DD		
MYRTACEAE	<i>Callistemon rugulosus</i>	Scarlet Bottlebrush			RA	-					RA	-	RA	-
CALLITRICHACEAE	<i>Callitriche sonderi</i>	Matted Water Starwort		R	RA	-			RA	DD	VU	-		
COMPOSITAE	<i>Calocephalus sonderi</i>	Pale Beauty-heads		R	RA	-			RA	-				
COMPOSITAE	<i>Calotis cymbacantha</i>	Show y Burr-daisy			RA	-	RA	--	RA	-	RA	-		
COMPOSITAE	<i>Calotis scabiosifolia</i> var. <i>scabiosifolia</i>	Rough Burr-daisy			RA	-			RA	--	VU	-		
COMPOSITAE	<i>Calotis scapigera</i>	Tufted Burr-daisy		R	RA	-			RA	-	RA	-		
CYPERACEAE	<i>Carex inversa</i> var. <i>inversa</i>	Knob Sedge			RA	-							RA	-
CYPERACEAE	<i>Carex tereticaulis</i>	Rush Sedge			RA	-					RA	DD	RA	-
COMPOSITAE	<i>Cassinia complanata</i>	Sticky Cassinia			RA	-					RA	-	RA	-
COMPOSITAE	<i>Cassinia laevis</i>	Curry Bush			RA	-	RA	-	RA	-	RA	-		
CENTROLEPIDACEAE	<i>Centrolepis aristata</i>	Pointed Centrolepis			RA	-					RA	-	RA	-
PITOSPORA CEAE	<i>Cheiranthra alternifolia</i>	Hand-flow er			RA	-					RA	-		
COMPOSITAE	<i>Chrysocephalum semipapposum</i>	Clustered Everlasting			RA	-					RA	-	RA	-
PROTEACEAE	<i>Conospermum patens</i>	Slender Smoke-bush			RA	-					VU	-	NT	-
CONVOLVULACEAE	<i>Convolvulus crispifolius</i>	Silver Bindw eed			RA	-	RA	DD	RA	DD	RA	-		
ORCHIDA CEAE	<i>Corybas despectans</i>	Coast Helmet-orchid			RA	-					RA	DD	RA	-
LILIA CEAE	<i>Corynotheca licrota</i>	Sand Lily		R	RA	-	RA	DD	VU	-	RA	-	RA	DD
CRASSULACEAE	<i>Crassula closiana</i>	Stalked Crassula			RA	-					RA	-	RA	DD
CRASSULACEAE	<i>Crassula helmsii</i>	Sw amp Crassula			RA	-			RA	-	RA	-		
RHAMNACEAE	<i>Cryptandra propinqua</i>	Silky Cryptandra			RA	-	RA	-	VU	-	NT	DD	NT	DD
LEGUMINOSAE	<i>Cullen cinereum</i>	Annual Scurf-pea			RA	-			RA	-				
CYPERACEAE	<i>Cyperus gunnii</i> ssp. <i>gunnii</i>	Flecked Flat-sedge			RA	-					RA	-		
CYPERACEAE	<i>Cyperus pygmaeus</i>	Pygmy Flat-sedge			RA	-			RA	-	RA	-		
CYPERACEAE	<i>Cyperus rigidellus</i>	Dw arf Flat-sedge			RA	-			RA	-	RA	-		
ORCHIDA CEAE	<i>Cyrtostylis robusta</i>	Robust Gnat-orchid			RA	-					RA	-	RA	-
SAPINDACEAE	<i>Dodonaea baueri</i>	Crinkled Hop-bush			RA	-					RA	-		
SAPINDACEAE	<i>Dodonaea humilis</i>	Dw arf Hop-bush			RA	-					RA	-	RA	DD
DROSERACEAE	<i>Drosera pygmaea</i>	Tiny Sundew			RA	-					VU	-	RA	DD
SOLANACEAE	<i>Duboisia hopwoodii</i>	Pturi			RA	-	NT	0	VU	--				
GRAMINEAE	<i>Enteropogon acicularis</i>	Umbrella Grass			RA	-	RA	DD	RA	DD	VU	-		
GRAMINEAE	<i>Eragrostis australasica</i>	Cane-grass			RA	-	RA	-	RA	-	RA	DD		
GRAMINEAE	<i>Eragrostis elongata</i>	Clustered Love-grass			RA	-			VU	--	RA	-	RA	0
GRAMINEAE	<i>Eragrostis falcata</i>	Sickle Love-grass			RA	-			RA	DD	VU	-		
GRAMINEAE	<i>Eragrostis setifolia</i>	Bristly Love-grass			RA	-	RA	DD			VU	-		
MYOPORACEAE	<i>Eremophila alternifolia</i>	Narrow-leaf Emubush			RA	-			RE		RA	-		
MYOPORACEAE	<i>Eremophila maculata</i> ssp. <i>maculata</i>	Spotted Emubush			RA	-	LC	0	VU	-	VU	-		
MYOPORACEAE	<i>Eremophila oppositifolia</i> ssp. <i>oppositifolia</i>	Opposite-leaved Emubush			RA	-	NT	0	VU	--	RA	-		
MYRTACEAE	<i>Eucalyptus behriana</i>	Broad-leaf Box		R	RA	-							RA	-
MYRTACEAE	<i>Eucalyptus largiflorens</i>	River Box			RA	-	VU	DD	NT	--	RA	-		
LEGUMINOSAE	<i>Eutaxia diffusa</i>	Large-leaf Eutaxia			RA	-					RA	DD	RA	-
CYPERACEAE	<i>Gahnia filum</i>	Thatching Grass			RA	-					RA	-	RA	DD
CYPERACEAE	<i>Gahnia trifida</i>	Cutting Grass			RA	-					RA	-	RA	DD
AIZOACEAE	<i>Glinus lotoides</i>	Hairy Carpet-w eed			RA	-	RA	DD	NT	DD	VU	-		
SCROPHULARIACEAE	<i>Gratiola peruviana</i>	Austral Brooklime			RA	-			RA	-	RA	-		
PROTEACEAE	<i>Grevillea ilicifolia</i> ssp. <i>ilicifolia</i>	Holly-leaf Grevillea			RA	-					VU	-	RA	DD
HALORAGACEAE	<i>Haloragis acutangula</i> forma <i>acutangula</i>	Smooth Raspw ort			RA	-					RA	-		
HALORAGACEAE	<i>Haloragis acutangula</i> forma <i>inflata</i>	Smooth Raspw ort			RA	-					RA	-		
HALORAGACEAE	<i>Haloragis acutangula</i> forma <i>subacutangula</i>	Smooth Raspw ort			RA	-	RA	-			RA	-		
HALORAGACEAE	<i>Haloragis acutangula</i> forma <i>tetraptera</i>	Smooth Raspw ort			RA	-	RA	-	RA	-	RA	-	RA	-
HALORAGACEAE	<i>Haloragis aspera</i>	Rough Raspw ort			RA	-			RA	-	RA	-	RA	0
CRUCIFERAE	<i>Harmsiodoxa blennodioides</i>	Hairy-pod Cress			RA	-	LC	0	RA	-	VU	--		
CRUCIFERAE	<i>Harmsiodoxa brevipes</i> var. <i>brevipes</i>	Short Cress			RA	-	LC	0	VU	-	VU	-		
AMARANTHACEAE	<i>Hemichroa pentandra</i>	Trailing Hemichroa			RA	-			RE		RA	-		
DILLENIACEAE	<i>Hibbertia australis</i>	Stalked Guinea-flow er			RA	-							RA	-
COMPOSITAE	<i>Hyalosperma demissum</i>	Dw arf Sunray			RA	-					RA	-	RA	DD
CYPERACEAE	<i>Isoplepis inundata</i>	Sw amp Club-rush			RA	-					RA	-		
OLEACEAE	<i>Jasminum didymum</i> ssp. <i>lineare</i>	Native Jasmine			RA	-	RA	DD	VU	-	DD	DD		
JUNCEAE	<i>Juncus sarophorus</i>				RA	-					RA	-		
COMPOSITAE	<i>Lagenophora huegelii</i>	Coarse Bottle-daisy			RA	-					RA	-	RA	-
MALVACEAE	<i>Lawrenzia berthae</i>	Show y Law renzia		R	RA	-	RA	DD	VU	-	RA	DD		
COMPOSITAE	<i>Leiocarpa tomentosa</i>	Woolly Plover-daisy			RA	-			RA	-	RA	-		
COMPOSITAE	<i>Leptorhynchos baileyi</i>	Bailey's Buttons			RA	-	RA	-						
COMPOSITAE	<i>Leptorhynchos tetrachaetus</i>	Little Buttons			RA	-					RA	-		

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
COMPOSITAE	<i>Leptorhynchos waitzia</i>	Button Immortelle			RA	-	RA	-	DD	DD	RA	-	RA	-
EPACRIDACEAE	<i>Leucopogon clelandii</i>	Cleland's Beard-heath	R		RA	-					VU	-	RA	-
STYLIDACEAE	<i>Levenhookia pusilla</i>	Tiny Stylew ort			RA	-					RA	-	RA	-
SCROPHULARIACEAE	<i>Limosella australis</i>	Australian Mudwort			RA	-		RA	DD	RA	-	RA	DD	
CYPERACEAE	<i>Lipocarpa microcephala</i>	Button Rush			RA	-		RA	-	RA	-	RA	-	
CAMPANULACEAE	<i>Lobelia pratoides</i>	Poison Lobelia	R		RA	-							RA	-
LILIACEAE	<i>Lomandra densiflora</i>	Soft Tussock Mat-rush			RA	-					RA	-		
LABIATAE	<i>Lycopus australis</i>	Australian Gipsywort			RA	-					RA	-		
CHENOPODIACEAE	<i>Maireana pentagona</i>	Slender Fissure-plant	R		RA	-	RA	-	RA	-	RA	DD		
MYRTACEAE	<i>Melaleuca wilsonii</i>	Wilson's Honey-myrtle	R		RA	-							RA	-
LABIATAE	<i>Mentha australis</i>	River Mint			RA	-		RA	-	VU	-			
RUTACEAE	<i>Microcybe multiflora ssp. multiflora</i>	Small-leaf Microcybe			RA	-					RA	-		
RUTACEAE	<i>Microcybe pauciflora ssp. pauciflora</i>	Yellow Microcybe			RA	-					RA	-		
COMPOSITAE	<i>Millotia macrocarpa</i>	Large-fruit Millotia			RA	-	RA	DD	RA	-	RE			
COMPOSITAE	<i>Minuria integerrima</i>	Smooth Minuria			RA	-	RA	DD	VU	-				
POLYGONACEAE	<i>Muehlenbeckia adpressa</i>	Climbing Lignum			RA	-					RA	-		
POLYGONACEAE	<i>Muehlenbeckia gunnii</i>	Coastal Climbing Lignum			RA	-					RA	-		
RANUNCULACEAE	<i>Myosurus minimus var. australis</i>	Mousetail			RA	-	LC	0	NT	-	EN	-		
HALORAGACEAE	<i>Myriophyllum papillosum</i>	Robust Milfoil	R		RA	-			RA	-	RA	-		
COMPOSITAE	<i>Olearia picridifolia</i>	Rasp Daisy-bush	R		RA	-					RA	-	RA	-
COMPOSITAE	<i>Olearia subspicata</i>	Spiked Daisy-bush			RA	-	RA	-						
OPHIGLOSSACEAE	<i>Ophioglossum lusitanicum</i>	Austral Adder's-tongue			RA	-					RA	DD	RA	-
CHENOPODIACEAE	<i>Osteocarpum salsuginosum</i>	Inland Bonefruit			RA	-	RA	DD	RA	-	RA	DD		
POLYGONACEAE	<i>Persicaria lapathifolia</i>	Pale Knotweed			RA	-			VU	-	RA	-		
POLYGONACEAE	<i>Persicaria prostrata</i>	Creeping Knotweed			RA	-	RA	DD	VU	-	VU	-	RA	DD
RUTACEAE	<i>Philothea angustifolia ssp. angustifolia</i>	Narrow-leaf Wax-flow er	R		RA	-					RA	-	RA	-
COMPOSITAE	<i>Picris squarrosa</i>	Squat Picris	R		RA	-			RA	-	RA	-		
COMPOSITAE	<i>Podolepis canescens</i>	Grey Copper-w ire Daisy			RA	-	RA	DD	RA	DD	RA	-		
POLYGONACEAE	<i>Polygonum plebeium</i>	Small Knotweed			RA	-			RA	-	RA	-		
POTAMOGETONACEAE	<i>Potamogeton pectinatus</i>	Fennel Pondweed			RA	-			VU	--	RA	0		
ORCHIDACEAE	<i>Prasophyllum Gum Lagoon</i>				RA	-							RA	-
ORCHIDACEAE	<i>Prasophyllum occultans</i>	Hidden Leek Orchid			RA	-							RA	-
CAMPANULACEAE	<i>Pratia concolor</i>	Poison Pratia	R		RA	-		RA	-	RA	-			
LABIATAE	<i>Prostanthera behriana</i>	Dow ny Mintbush			RA	-					RA	-	RA	DD
ORCHIDACEAE	<i>Pterostylis cobarensis</i>	Inland Rustyhood			RA	-	RA	-						
ORCHIDACEAE	<i>Pterostylis cynocephala</i>	Sw an-head Greenhood			RA	-					RA	-	RA	-
ORCHIDACEAE	<i>Pterostylis pedunculata</i>	Maroon-hood			RA	-							RA	-
GRAMINEAE	<i>Puccinellia stricta var. perlaxa</i>				RA	-					RA	-		
GRAMINEAE	<i>Puccinellia stricta var. stricta</i>	Australian Saltmarsh-grass			RA	-					RA	-		
LEGUMINOSAE	<i>Pultenaea laxiflora</i>	Loose-flow er Bush-pea			RA	-					RA	DD	RA	-
MALVACEAE	<i>Radyera farragei</i>	Desert Rose Mallow			RA	-	LC	0	VU	-	RA	-		
RANUNCULACEAE	<i>Ranunculus pentandrus var. platycarpus</i>	Smooth Buttercup			RA	-	LC	0	NT	-	RA	-	EN	-
COMPOSITAE	<i>Rhodanthe tietkensis</i>	Tietken's Daisy			RA	-	RA	-	RA	-	RA	-		
CRUCIFERAE	<i>Rorippa eustylis</i>	River Bitter-cress			RA	-			RA	-	VU	-		
POLYGONACEAE	<i>Rumex crystallinus</i>	Glistening Dock			RA	-	RA	DD	NT	DD	VU	-		
POLYGONACEAE	<i>Rumex tenax</i>	Shiny Dock			RA	-			NT	DD	VU	-		
COMPOSITAE	<i>Rutidosis helichrysoides ssp. helichrysoides</i>	Grey Wrinklewort			RA	-	RA	-						
AIZOACEAE	<i>Sarcozona praecox</i>	Sarcozona			RA	-		LC	0	RA	-	VU	-	
CYPERACEAE	<i>Schoenus nanus</i>	Little Bog-rush			RA	-					RA	-		
GENTIANACEAE	<i>Sebaea ovata</i>	Yellow Sebaea			RA	-					RA	-		
COMPOSITAE	<i>Senecio dolichocephalus</i>	Woodland Groundsel			RA	-					RA	-		
COMPOSITAE	<i>Senecio glomeratus ssp. glomeratus</i>	Sw amp Groundsel			RA	-					RA	-	RA	DD
COMPOSITAE	<i>Senecio glomeratus ssp. longifructus</i>	Sw amp Groundsel			RA	-					RA	-		
COMPOSITAE	<i>Senecio minimus</i>	Fine-tooth Groundsel			RA	-							RA	-
COMPOSITAE	<i>Senecio squarrosus</i>	Squarrose Groundsel			RA	-							RA	-
SOLANACEAE	<i>Solanum lacunarium</i>	Lagoon Nightshade			RA	-		RA	-					
RHAMNACEAE	<i>Spyridium parvifolium</i>	Dusty Miller			RA	-					RA	-		
RHAMNACEAE	<i>Spyridium phylloides</i>	Narrow-leaf Spyridium			RA	-					RA	-	RA	-
STYLIDACEAE	<i>Stylidium calcaratum</i>	Spurred Trigger-plant			RA	-					RA	-	RA	-
ORCHIDACEAE	<i>Thelymitra juncifolia</i>	Spotted Sun-orchid			RA	-							RA	-
ORCHIDACEAE	<i>Thelymitra luteociliium</i>	Yellow -tuft Sun Orchid			RA	-					RA	-	RA	--
UMBELLIFERAE	<i>Xanthosia leiophylla</i>	Cut-leaf Xanthosia			RA	-							RA	-
RUTACEAE	<i>Zieria veronicea ssp. veronicea</i>	Pink Zieria	R		RA	-					VU	-	NT	-
LEGUMINOSAE	<i>Acacia acinacea</i>	Wreath Wattle			RA	0	RA	DD	RE		VU	-	NT	0
LEGUMINOSAE	<i>Acacia calamifolia</i>	Wallow a			RA	0					RA	0		
LEGUMINOSAE	<i>Acacia dodonaeifolia</i>	Hop-bush Wattle	R		RA	0					RA	0		
LEGUMINOSAE	<i>Acacia loderi</i>	Nealie	R		RA	0	RA	0						
LEGUMINOSAE	<i>Acacia mearnsii</i>	Black Wattle			RA	0							RA	0
LEGUMINOSAE	<i>Acacia rupicola</i>	Rock Wattle			RA	0					RA	0	RA	0
LEGUMINOSAE	<i>Acacia verticillata ssp. ovoidea</i>	Prickly Moses			RA	0					RA	-	RA	0

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LEGUMINOSAE	<i>Acacia victoriae</i> ssp. <i>victoriae</i>	Elegant Wattle			RA	0	RA	0	RA	0			RA	0
ROSA CEAE	<i>Acaena novae-zelandiae</i>	Biddy-biddy			RA	0							RA	0
EPACRIDACEAE	<i>Acrotriche cordata</i>	Blunt-leaf Ground-berry			RA	0					RA	0	RA	0
LABIATAE	<i>Ajuga australis</i> forma A (A.G. Spooner 9058)	Australian Bugle			RA	0			RA	0	RA	DD	RA	DD
CASUARINACEAE	<i>Allocasuarina mackliniana</i> ssp. <i>mackliniana</i>	Macklin's Oak-bush			RA	0							RA	0
CASUARINACEAE	<i>Allocasuarina mackliniana</i> ssp. <i>xerophila</i>	Macklin's Oak-bush			RA	0							RA	0
CASUARINACEAE	<i>Allocasuarina verticillata</i>	Drooping Sheoak			RA	0					RA	-	RA	0
APOCYNACEAE	<i>Alyxia buxifolia</i>	Sea Box			RA	0					RA	0		
LORANTHACEAE	<i>Amyema linophylla</i> ssp. <i>orientale</i>	Casuarina Mistletoe			RA	0	RA	0						
LORANTHACEAE	<i>Amyema melaleuca</i>	Tea-tree Mistletoe			RA	0					RA	0		
LORANTHACEAE	<i>Amyema pendula</i> ssp. <i>pendula</i>	Drooping Mistletoe			RA	0							RA	0
COMPOSITAE	<i>Angianthus preissianus</i>	Salt Angianthus			RA	0					RA	0		
RESTIONACEAE	<i>Apodasmia brownii</i>	Coarse Twine-rush			RA	0					RA	DD	RA	0
CRUCIFERAE	<i>Arabidella nasturtium</i>	Yellow Cress			RA	0	RA	0	RA	DD	RA	DD		
GRAMINEAE	<i>Aristida holathera</i> var. <i>holathera</i>	Tall Kerosene Grass			RA	0	RA	DD	RA	0	RA	DD		
CHENOPODIACEAE	<i>Atriplex paludosa</i> ssp. <i>cordata</i>	Marsh Saltbush			RA	0					RA	0		
ELATINACEAE	<i>Bergia trimera</i>	Three-part Water-fire			RA	0			RA	0	RA	0		
RUTACEAE	<i>Boronia filifolia</i>	Slender Boronia			RA	0							RA	0
COMPOSITAE	<i>Brachyscome exilis</i>	Slender Daisy			RA	0					RA	0		
LILIAEAE	<i>Caesia calliantha</i>	Blue Grass-lily			RA	0					VU	-	RA	0
ORCHIDACEAE	<i>Caladenia cucullata</i>	Hooded Caladenia	R		RA	0							RA	0
CUPRESSACEAE	<i>Callitris rhomboidea</i>	Oyster Bay Pine			RA	0							RA	0
COMPOSITAE	<i>Calocephalus citreus</i>	Lemon Beauty-heads			RA	0					RA	-	RA	0
AMARYLLIDACEAE	<i>Calostemma purpureum</i>	Pink Garland-lily			RA	0			VU	DD	NT	0		
CYPERACEAE	<i>Carex inversa</i> var. <i>major</i>	Knob Sedge			RA	0					RA	0	RA	0
LILIAEAE	<i>Chamaesilla corymbosa</i> var. <i>corymbosa</i>	Blue Squill			RA	0					VU	-	RA	0
ADIANTACEAE	<i>Cheilanthes austrotenuifolia</i>	Annual Rock-fern			RA	0					RA	0		
SANTALACEAE	<i>Choretrum glomeratum</i> var. <i>glomeratum</i>	White Sour-bush			RA	0					RA	-	RA	0
COMPOSITAE	<i>Chrysocephalum baxteri</i>	White Everlasting			RA	0					RA	-	RA	0
GYROSTEMONACEAE	<i>Codonocarpus cotinifolius</i>	Desert Poplar			RA	0	RA	0	RA	0	RA	0	RA	DD
CONVOLVULACEAE	<i>Convolvulus angustissimus</i> ssp. <i>angustissimus</i>	Australian Bindweed			RA	0					RA	0	RA	0
CONVOLVULACEAE	<i>Convolvulus angustissimus</i> ssp. <i>peninsularum</i>	Grassland Bindweed			RA	0					RA	0		
CONVOLVULACEAE	<i>Convolvulus recurvatus</i> ssp. <i>nullarborensis</i>				RA	0					RA	0		
CONVOLVULACEAE	<i>Convolvulus recurvatus</i> ssp. <i>recurvatus</i>	Australian Bindweed			RA	0	RA	0						
BORAGINACEAE	<i>Cynoglossum suaveolens</i>	Sweet Hound's-tongue			RA	0							RA	0
CHENOPODIACEAE	<i>Dissocarpus biflorus</i> var. <i>biflorus</i>	Two-horn Saltbush			RA	0	RA	DD	RA	0	RA	DD		
SAPINDACEAE	<i>Dodonaea viscosa</i> ssp. <i>cuneata</i>	Wedge-leaf Hop-bush			RA	0					RA	0	VU	-
DROSERACEAE	<i>Drosera auriculata</i>	Tall Sundew			RA	0					VU	-	RA	0
DROSERACEAE	<i>Drosera whittakeri</i> ssp. <i>whittakeri</i>				RA	0					RA	0		
GRAMINEAE	<i>Enneapogon avenaceus</i>	Common Bottle-washers			RA	0	RA	DD	RA	0	RA	DD	RA	DD
MYRTACEAE	<i>Eucalyptus angulosa</i>	Coast Ridge-fruited Mallee			RA	0					RA	0		
MYRTACEAE	<i>Eucalyptus calycogona</i> ssp. <i>calycogona</i>	Square-fruit Mallee			RA	0					RA	0		
MYRTACEAE	<i>Eucalyptus leucoxylon</i> ssp. <i>leucoxylon</i>	South Australian Blue Gum			RA	0					RA	0		
MYRTACEAE	<i>Eucalyptus leucoxylon</i> ssp. <i>pruinosa</i>	Inland South Australian Blue Gum			RA	0							RA	0
MYRTACEAE	<i>Eucalyptus odorata</i>	Peppermint Box			RA	0					RA	0	RA	0
MYRTACEAE	<i>Eucalyptus viminalis</i> ssp. <i>cygnetensis</i>	Rough-bark Manna Gum			RA	0					VU	-	RA	0
SCROPHULARIACEAE	<i>Euphrasia collina</i> ssp. <i>tetragona</i>	Coast Eyebright			RA	0					RA	0		
FRANKENIACEAE	<i>Frankenia foliosa</i>	Leafy Sea-heath			RA	0					RA	0		
LEGUMINOSAE	<i>Glycine canescens</i>	Silky Glycine			RA	0			RA	0				
HALORAGACEAE	<i>Gonocarpus elatus</i>	Hill Raspwort			RA	0					RA	0		
HALORAGACEAE	<i>Gonocarpus meizianus</i>	Broad-leaf Raspwort			RA	0					RA	0	RA	0
LEGUMINOSAE	<i>Goodia medicaginea</i>	Western Golden-tip			RA	0					VU	-	RA	0
PROTEACEAE	<i>Hakea rugosa</i>	Dwarf Hakea			RA	0					VU	-	NT	0
PROTEACEAE	<i>Hakea vittata</i>	Limestone Needlebush			RA	0							RA	0
LEGUMINOSAE	<i>Hardenbergia violacea</i>	Native Lilac			RA	0					RA	0		
UMBELLIFERAE	<i>Hydrocotyle capillaris</i>	Thread Pennywort			RA	0					RA	0		
UMBELLIFERAE	<i>Hydrocotyle foveolata</i>	Yellow Pennywort			RA	0					RA	0	RA	0
UMBELLIFERAE	<i>Hydrocotyle medicaginoides</i>	Medic Pennywort			RA	0					RA	0		
GUTTIFERAE	<i>Hypericum gramineum</i>	Small St John's Wort			RA	0					VU	-	RA	0
LEMNACEAE	<i>Lemna disperma</i>	Common Duckweed			RA	0			RA	0	RA	0		
CYPERACEAE	<i>Lepidosperma canescens</i>	Hoary Rapier-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma congestum</i>				RA	0					RA	0	RA	0
CYPERACEAE	<i>Lepidosperma curtisiae</i>	Little Sw ord-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma laterale</i>	Tall Sw ord-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma semiteres</i>	Wire Rapier-sedge			RA	0							RA	0
ZANNICHELLIACEAE	<i>Lepilaena preissii</i>	Slender Water-mat			RA	0					RA	0		
RESTIONACEAE	<i>Leptocarpus tenax</i>	Slender Twine-rush			RA	0					RA	DD	RA	0
MYRTACEAE	<i>Leptospermum continentale</i>	Prickly Tea-tree			RA	0					VU	-	RA	0
RESTIONACEAE	<i>Lepyrodia muelleri</i>	Erect Scale-rush			RA	0							RA	0
EPACRIDACEAE	<i>Leucopogon virgatus</i> var. <i>virgatus</i>	Common Beard-heath			RA	0							RA	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Orlay Plain Status	South Orlay Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
STYLIDACEAE	<i>Levenhookia dubia</i>	Hairy Stylew ort			RA	0					RA	-	RA	0
LILIAEAE	<i>Lomandra multiflora ssp. dura</i>	Hard Mat-rush			RA	0					RA	0		
LILIAEAE	<i>Lomandra sororia</i>	Sw ord Mat-rush			RA	0					VU	-	RA	0
LEGUMINOSAE	<i>Lotus cruentus</i>	Red-flow er Lotus			RA	0	NT	0	RA	DD	RA	DD		
CHENOPODIAEAE	<i>Maireana integra</i>	Entire-wing Bluebush			RA	0	RA	0						
CHENOPODIAEAE	<i>Maireana lobiflora</i>	Lobed Bluebush			RA	0					RA	0		
CHENOPODIAEAE	<i>Maireana turbinata</i>	Top-fruit Bluebush			RA	0	RA	0	RA	0	RA	0		
CHENOPODIAEAE	<i>Malacocera tricornis</i>	Goat-head Soft-horns			RA	0	RA	0	RA	DD	VU	-		
MYRTACEAE	<i>Melaleuca gibbosa</i>	Slender Honey-myrtle			RA	0							RA	0
MYRTACEAE	<i>Micromyrtus ciliata</i>	Fringed Heath-myrtle	R		RA	0							RA	0
COMPOSITAE	<i>Minuria denticulata</i>	Woolly Minuria			RA	0	RA	0						
SOLANA EAE	<i>Nicotiana maritima</i>	Coast Tobacco			RA	0			DD	DD	RA	0		
COMPOSITAE	<i>Olearia ramulosa</i>	Twiggy Daisy-bush			RA	0					RA	0	RA	0
RUBIAEAE	<i>Opecularia varia</i>	Variable Stinkweed			RA	0							RA	0
OXALIDACEAE	<i>Oxalis radicata</i>	Dow ny Native Sorrel			RA	0					RA	0		
GERANIAEAE	<i>Pelargonium littorale</i>	Native Pelargonium			RA	0					RA	-	RA	0
LOGANIAEAE	<i>Phyllangium divergens</i>	Wiry Mitrew ort			RA	0					RA	0		
PLANTAGINACEAE	<i>Plantago turrifera</i>	Crow ned Plantain			RA	0	NT	0	RA	DD	RA	DD		
RHAMNACEAE	<i>Pomaderris obcordata</i>	Wedge-leaf Pomaderris			RA	0					RA	0	RA	0
DENNISTEDTIACEAE	<i>Pteridium esculentum</i>	Bracken Fern			RA	0							RA	0
ORCHIDACEAE	<i>Pterostylis sp. Sand plain (D.N.Kraehenbuehl 5)</i>	Rufous Greenhood	E		RA	0							RA	0
LEGUMINOSAE	<i>Pultenaea acerosa</i>	Bristly Bush-pea			RA	0					RA	0	RA	0
LEGUMINOSAE	<i>Pultenaea pedunculata</i>	Matted Bush-pea			RA	0							RA	0
RANUNCULACEAE	<i>Ranunculus sessiliflorus var. sessiliflorus</i>	Annual Buttercup			RA	0	RA	0	VU	DD	RA	0	RA	0
POTAMOGETONACEAE	<i>Ruppia maritima</i>	Sea Tassel			RA	0	RA	0			RA	DD		
ASCLEPIADACEAE	<i>Sarcostemma viminale ssp. australe</i>	Caustic Bush			RA	0			RA	0	RA	0		
GOODENIACEAE	<i>Scaevola aemula</i>	Fairy Fanflow er			RA	0					RA	DD	RA	0
CHENOPODIAEAE	<i>Sclerolaena brevifolia</i>	Small-leaf Bindyi			RA	0					RA	0		
CHENOPODIAEAE	<i>Sclerolaena cuneata</i>	Tangled Bindyi			RA	0	RA	0	RA	0				
CHENOPODIAEAE	<i>Sclerolaena muricata var. villosa</i>	Five-spine Bindyi	R		RA	0					RA	0		
GOODENIACEAE	<i>Selliera radicans</i>	Shiny Sw amp-mat			RA	0					RA	0		
MALVACEAE	<i>Sida ammophila</i>	Sand Sida			RA	0	RA	DD	NT	0	VU	-		
RHAMNACEAE	<i>Spyridium vexilliferum var. vexilliferum</i>	Winged Spyridium			RA	0							RA	0
EPACRIDACEAE	<i>Styphelia adscendens</i>	Golden Heath			RA	0							RA	0
CHENOPODIAEAE	<i>Tecticornia arbuscula</i>	Shrubby Samphire			RA	0					RA	0		
CHENOPODIAEAE	<i>Tecticornia indica ssp. bidens</i>	Brow n-head Samphire			RA	0			RA	0	RA	0		
CHENOPODIAEAE	<i>Tecticornia tenuis</i>	Slender Samphire			RA	0	RA	0	DD	DD				
LEGUMINOSAE	<i>Templetonia sulcata</i>	Flat Mallee-pea			RA	0	RA	DD			RA	0		
LABIATAE	<i>Teucrium sessiliflorum</i>	Mallee Germander			RA	0			VU	DD	NT	0		
GRAMINEAE	<i>Themeda triandra</i>	Kangaroo Grass			RA	0					RA	0	RA	0
LILIAEAE	<i>Thysanotus juncifolius</i>	Rush Fringe-lily			RA	0					VU	-	NT	0
CAMPANULACEAE	<i>Wahlenbergia multicaulis</i>	Tadgell's Bluebell			RA	0							RA	0
CAMPANULACEAE	<i>Wahlenbergia stricta ssp. stricta</i>	Tail Bluebell			RA	0					RA	0	RA	0
LILIAEAE	<i>Xanthorrhoea semiplana ssp. semiplana</i>	Yacca			RA	0					RA	0		
ZANNICHELLIACEAE	<i>Zannichellia palustris</i>		R		RA	0			RA	0	RE			
COMPOSITAE	<i>Cymbonotus preissianus</i>	Austral Bear's-ear			RA	+							RA	+
LEGUMINOSAE	<i>Acacia notabilis</i>	Notable Wattle			RA	DD	RA	DD			RA	DD	RA	DD
LEGUMINOSAE	<i>Acacia provincialis</i>	Sw amp Wattle			RA	DD					RA	DD		
LEGUMINOSAE	<i>Acacia retinodes</i>	Wirrida			RA	DD					RA	DD		
LEGUMINOSAE	<i>Acacia stricta</i>	Hop Wattle	R		RA	DD							RA	DD
ORCHIDACEAE	<i>Acianthus caudatus</i>	Mayfly Orchid			RA	DD					RA	DD	RA	DD
EPACRIDACEAE	<i>Acrotriche patula</i>	Prickly Ground-berry			RA	DD					RA	DD	RA	DD
CASUARINACEAE	<i>Allocasuarina paludosa</i>	Sw amp Oak-bush			RA	DD							RA	DD
AMARANTHACEAE	<i>Alternanthera nana</i>	Hairy Joyweed			RA	DD			RA	DD				
AMARANTHACEAE	<i>Amaranthus macrocarpus var. macrocarpus</i>	Large-fruit Amaranth			RA	DD			RA	DD				
GRAMINEAE	<i>Amphipogon strictus var. setifer</i>	Spreading Grey-beard Grass			RA	DD					RA	DD	RA	DD
CENTROLEPIDACEAE	<i>Aphelia gracilis</i>	Slender Aphelia			RA	DD							RA	DD
CRUCIFERAE	<i>Arabidella procumbens</i>	Creeping Cress			RA	DD	RA	DD						
GRAMINEAE	<i>Aristida behriana</i>	Brush Wire-grass			RA	DD					RA	DD		
CHENOPODIAEAE	<i>Atriplex angulata</i>	Fan Saltbush			RA	DD	RA	DD						
CHENOPODIAEAE	<i>Atriplex holocarpa</i>	Pop Saltbush			RA	DD			RA	DD	RA	DD		
CHENOPODIAEAE	<i>Atriplex lindleyi ssp. inflata</i>	Corky Saltbush			RA	DD	RA	DD	RA	DD	RA	DD		
CHENOPODIAEAE	<i>Atriplex pumilio</i>	Mat Saltbush			RA	DD			RA	DD	RA	DD		
GRAMINEAE	<i>Austrostipa blackii</i>	Crested Spear-grass			RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa curtica</i>	Short-crest Spear-grass			RA	DD					RA	DD	RA	DD
GRAMINEAE	<i>Austrostipa densiflora</i>	Fox-tail Spear-grass	R		RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa echinata</i>	Spiny Spear-grass	R		RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa gibbosa</i>	Sw ollen Spear-grass	R		RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa multispiculis</i>		R		RA	DD					RA	DD	RA	DD
GRAMINEAE	<i>Austrostipa semibarbata</i>	Fibrous Spear-grass			RA	DD					RA	DD	RA	DD

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
GRAMINEAE	<i>Austrostipa tenuifolia</i>		R	RA	DD				RA	DD	RA	DD		
GRAMINEAE	<i>Austrostipa trichophylla</i>			RA	DD	DD	DD	RA	DD	RA	DD	RA	DD	
GRAMINEAE	<i>Austrostipa tuckeri</i>	Tucker's Spear-grass	R	RA	DD	RA	DD							
CYPERACEAE	<i>Baumea articulata</i>	Jointed Tw ig-rush		RA	DD						RA	DD		
LILIA CEAE	<i>Bulbine alata</i>	Winged Bulbine-lily		RA	DD				RA	DD				
ORCHIDACEAE	<i>Caladenia leptochila</i>	Narrow -lip Spider-orchid		RA	DD						RA	DD		
ORCHIDACEAE	<i>Caladenia pusilla</i>	Tiny Fingers		RA	DD								RA	DD
COMPOSITAE	<i>Calotis lappulacea</i>	Yellow Burr-daisy	R	RA	DD	RA	DD							
MYRTACEAE	<i>Calytrix involucreta</i>	Cup Fringe-myrtle		RA	DD						RA	DD		
CYPERACEAE	<i>Carex appressa</i>	Tall Sedge		RA	DD						RA	DD		
CYPERACEAE	<i>Carex bichenoviana</i>	Notched Sedge		RA	DD						RA	DD		
CYPERACEAE	<i>Carex fascicularis</i>	Tassel Sedge		RA	DD						RA	DD		
AIZOACEAE	<i>Carpobrotus rossii</i>	Native Pigface		RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Cassinia arcuata</i>	Drooping Cassinia		RA	DD	RA	DD	RA	DD	RA	DD	RA	DD	RA
UMBELLIFERAE	<i>Centella cordifolia</i>	Native Centella		RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Centipeda crateriformis ssp. compacta</i>	Desert Sneezew eed		RA	DD	RA	DD	RA	DD	RA	DD	RA	DD	RA
COMPOSITAE	<i>Centipeda crateriformis ssp. crateriformis</i>	Common Sneezew eed		RA	DD				RA	DD	RA	DD		
COMPOSITAE	<i>Centipeda pleiocephala</i>			RA	DD				RA	DD				
CENTROLEPIDACEAE	<i>Centrolepis cephaliformis ssp. cephaliformis</i>	Cushion Centrolepis	R	RA	DD						RA	DD	RA	DD
ADIANTACEAE	<i>Cheilanthes distans</i>	Bristly Cloak-fern		RA	DD						RA	DD		
ADIANTACEAE	<i>Cheilanthes sieberi ssp. sieberi</i>	Narrow Rock-fern		RA	DD	RA	DD							
GRAMINEAE	<i>Chloris truncata</i>	Windmill Grass		RA	DD				VU	DD	RA	DD		
THELYPTERIDACEAE	<i>Christella dentata</i>	Soft Shield-fern	R	RA	DD				VU	DD	RA	DD		
CONVOLVULACEAE	<i>Convolvulus clementii</i>			RA	DD	RA	DD				RA	DD		
CONVOLVULACEAE	<i>Convolvulus microsepalus</i>	Small-flow er Bindweed		RA	DD						RA	DD		
COMPOSITAE	<i>Cotula vulgaris var. australasica</i>	Slender Cotula		RA	DD						RA	DD		
LEGUMINOSAE	<i>Cullen australasicum</i>	Tall Scurf-pea		RA	DD						RA	DD		
CYPERACEAE	<i>Cyperus squarrosus</i>	Bearded Flat-sedge		RA	DD				RA	DD	RA	DD		
CYPERACEAE	<i>Cyperus vaginatus</i>	Stiff Flat-sedge		RA	DD						RA	DD		
CYPERACEAE	<i>Cyperus victoriensis</i>	Yelka		RA	DD				RA	DD	RA	DD		
LEGUMINOSAE	<i>Daviesia ulicifolia ssp. ulicifolia</i>	Gorse Bitter-pea		RA	DD								RA	DD
GRAMINEAE	<i>Dichelachne crinita</i>	Long-hair Plume-grass		RA	DD						RA	DD	VU	DD
GRAMINEAE	<i>Digitaria ammophila</i>	Spider Grass		RA	DD	RA	DD	RA	DD	RA	DD	RA	DD	
ORCHIDACEAE	<i>Diuris orientis</i>	Wallflow er Donkey-orchid		RA	DD						RA	DD		
CHENOPODIACEAE	<i>Einadia nutans ssp. oxycarpa</i>	Pointed-fruit Climbing Saltbush		RA	DD	RA	DD	RA	DD	RA	DD	RA	DD	
CYPERACEAE	<i>Eleocharis pallens</i>	Pale Spike-rush		RA	DD				RA	DD	RA	DD		
GRAMINEAE	<i>Elymus scaber var. scaber</i>	Native Wheat-grass		RA	DD				RA	DD	RA	DD		
GRAMINEAE	<i>Eragrostis laniflora</i>	Hairy-flow er Woollybutt		RA	DD	RA	DD							
GRAMINEAE	<i>Eragrostis leptocarpa</i>	Drooping Love-grass		RA	DD				RA	DD				
GRAMINEAE	<i>Eragrostis parviflora</i>	Weeping Love-grass		RA	DD	RA	DD	RA	DD	RA	DD	RA	DD	
GRAMINEAE	<i>Eragrostis xerophila</i>	Knotty-butt Neverfail		RA	DD	RA	DD							
COMPOSITAE	<i>Eriochlamys behrii</i>	Woolly Mantle		RA	DD	RA	DD							
COMPOSITAE	<i>Erodophyllum elderi</i>	Koonamore Daisy		RA	DD	RA	DD							
MYRTACEAE	<i>Eucalyptus baxteri</i>	Brow n Stringybark		RA	DD						RA	DD		
MYRTACEAE	<i>Eucalyptus microcarpa</i>	Grey Box		RA	DD								RA	DD
MYRTACEAE	<i>Eucalyptus oleosa ssp. ampliata</i>	Red Mallee		RA	DD						RA	DD		
MYRTACEAE	<i>Eucalyptus rugosa</i>	Coastal White Mallee		RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Euchiton collinus</i>	Creeping Cudw eed		RA	DD				NE		NE		RA	DD
EUPHORBIACEAE	<i>Euphorbia tannensis ssp. eremophila</i>	Desert Spurge		RA	DD	RA	DD	RA	DD	RA	DD	RA	DD	
CYPERACEAE	<i>Fimbristylis dichotoma</i>	Common Fringe-rush		RA	DD	RA	DD							
RUBIA CEAE	<i>Galium leptogonium</i>	Reflexed Bedstraw		RA	DD				RA	DD				
COMPOSITAE	<i>Gnaphalium indutum ssp. indutum</i>	Tiny Cudw eed		RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Gnephosis arachnoidea</i>	Spidery Button-flow er		RA	DD	RA	DD							
COMPOSITAE	<i>Gnephosis drummondii</i>	Slender Golden-tip		RA	DD								RA	DD
COMPOSITAE	<i>Gnephosis tenuissima</i>	Dwarf Golden-tip		RA	DD	RA	DD	RA	DD					
GOODENIA CEAE	<i>Goodenia havilandii</i>	Hill Goodenia		RA	DD	RA	DD							
SCROPHULARIACEAE	<i>Gratiola pedunculata</i>	Stalked Brooklime	R	RA	DD				RA	DD	RA	DD		
PROTEACEAE	<i>Hakea carinata</i>	Erect Hakea		RA	DD								RA	DD
PROTEACEAE	<i>Hakea nodosa</i>	Yellow Hakea		RA	DD								RA	DD
HALORAGACEAE	<i>Haloragis eichleri</i>	Eichler's Raspw ort	R	RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Helichrysum adenophorum var. adenophorum</i>	Branched Everlasting		RA	DD						RE		RA	DD
HYDROCHARITACEAE	<i>Hydrilla verticillata</i>	Waterthyme	R	RA	DD				RA	DD	RA	DD		
UMBELLIFERAE	<i>Hydrocotyle muscosa</i>	Mossy Pennyw ort		RA	DD								RA	DD
CYPERACEAE	<i>Isolepis cernua</i>	Nodding Club-rush		RA	DD						RA	DD	RA	DD
CYPERACEAE	<i>Isolepis platycarpa</i>	Flat-fruit Club-rush		RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Ixodia achillaeoides ssp. alata</i>	Hills Daisy		RA	DD						RA	DD	RA	DD
JUNCA CEAE	<i>Juncus flavidus</i>	Yellow Rush		RA	DD						RA	DD		
GRAMINEAE	<i>Lachnagrostis billardierei ssp. billardierei</i>	Coast Blow n-grass		RA	DD						RA	DD	RA	DD
COMPOSITAE	<i>Leiocarpa plurisetata</i>		R	RA	DD						RA	DD		
CRUCIFERAE	<i>Lepidium oxytrichum</i>	Green Peppergrass		RA	DD	RA	DD							

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CRUCIFERAE	<i>Lepidium sagittulatum</i>	Fine-leaf Peppergrass			RA	DD	RA	DD	RA	DD	RA	DD		
ORCHIDACEAE	<i>Leptoceras menziesii</i>	Hare Orchid			RA	DD							RA	DD
EPACRIDACEAE	<i>Leucopogon virgatus</i> var. <i>brevifolius</i>				RA	DD							RA	DD
LOGANIACEAE	<i>Logania ovata</i>	Oval-leaf Logania			RA	DD							RA	DD
LILIAEAE	<i>Lomandra micrantha</i> ssp. <i>tuberculata</i>	Small-flow er Mat-rush			RA	DD					RA	DD	RA	DD
LEGUMINOSAE	<i>Lotus australis</i>	Austral Trefoil			RA	DD			RA	DD	RA	DD		
JUNCAEAE	<i>Luzula meridionalis</i>	Common Wood-rush			RA	DD					RA	DD		
CHENOPODIACEAE	<i>Maireana decalvans</i>	Black Cotton-bush		E	RA	DD	RA	DD	RA	DD				
CHENOPODIACEAE	<i>Maireana excavata</i>	Bottle Fissure-plant		V	RA	DD					RA	DD		
CHENOPODIACEAE	<i>Maireana oppositifolia</i>	Salt Bluebush			RA	DD					RA	DD		
CHENOPODIACEAE	<i>Maireana suaeifolia</i>	Lax Bluebush		R	RA	DD	RA	DD						
PITTOPOREAE	<i>Marianthus bignoniaceus</i>	Orange Bell-climber			RA	DD					RA	DD		
MYRTACEAE	<i>Melaleuca decussata</i>	Totem-poles			RA	DD					RA	DD	RA	DD
MYOPOREAE	<i>Myoporum insulare</i>	Common Boobialla			RA	DD					RA	DD		
COMPOSITAE	<i>Myricecephalus pluriflorus</i>	Inland Woolly-heads			RA	DD	RA	DD						
SOLANACEAE	<i>Nicotiana occidentalis</i> ssp. <i>obliqua</i>	Western Tobacco			RA	DD	RA	DD						
GRAMINEAE	<i>Notodanthonia semiannularis</i>	Wetland Wallaby-grass			RA	DD							RA	DD
COMPOSITAE	<i>Olearia axillaris</i>	Coast Daisy-bush			RA	DD							RA	DD
COMPOSITAE	<i>Olearia calcarea</i>	Crinkle-leaf Daisy-bush			RA	DD	RA	DD			RA	DD		
CHENOPODIACEAE	<i>Osteocarpum acropterum</i> var. <i>deminutum</i>	Wingless Bonefruit		R	RA	DD	RA	DD	RA	DD	RA	DD		
URTICACEAE	<i>Parietaria debilis</i>	Smooth-nettle			RA	DD	RA	DD			RA	DD	RA	DD
GERANIACEAE	<i>Pelargonium australe</i>	Austral Stork's-bill			RA	DD	RA	DD			RA	DD	RA	DD
GRAMINEAE	<i>Pentapogon quadrifidus</i> var. <i>quadrifidus</i>	Five-aw n Spear-grass		R	RA	DD							RA	DD
SCROPHULARIACEAE	<i>Peplidium foecundum</i>	Dwarf Peplidium			RA	DD	RA	DD					RA	DD
RUTACEAE	<i>Phebalium stenophyllum</i>	Narrow-leaf Phebalium			RA	DD							RA	DD
CRUCIFERAE	<i>Phlegmatospermum eremaeum</i>	Spreading Cress		R	RA	DD					RA	DD		
EUPHORBIACEAE	<i>Phyllanthus fuernrohrii</i>	Sand Spurge			RA	DD					RA	DD		
EUPHORBIACEAE	<i>Phyllanthus lacunarius</i>	Lagoon Spurge			RA	DD			RA	DD	RA	DD		
MARSILEACEAE	<i>Pilularia novae-hollandiae</i>	Austral Pillwort		R	RA	DD	RA	DD					RA	DD
THYMELAEACEAE	<i>Pimelea linifolia</i> ssp. <i>linifolia</i>	Slender Riceflow er			RA	DD							RA	DD
THYMELAEACEAE	<i>Pimelea williamsonii</i>	Williamson's Riceflow er		R	RA	DD					VU	DD	RA	DD
PLANTAGINACEAE	<i>Plantago debilis</i>	Shade Plantain			RA	DD							RA	DD
GRAMINEAE	<i>Poa crassicaudex</i>	Thick-stem Tussock-grass			RA	DD							RA	DD
EUPHORBIACEAE	<i>Poranthera leisosperma</i>	Small Poranthera			RA	DD	RA	DD						
EUPHORBIACEAE	<i>Poranthera microphylla</i>	Small Poranthera			RA	DD					RA	DD	RA	DD
EUPHORBIACEAE	<i>Poranthera triandra</i>	Three-petal Poranthera			RA	DD					RA	DD		
CAMPANULACEAE	<i>Pratia irrigua</i>	Salt Pratia			RA	DD							RA	DD
PTERIDACEAE	<i>Pteris tremula</i>	Tender Brake		R	RA	DD					RA	DD		
COMPOSITAE	<i>Pterocaulon sphacelatum</i>	Apple-bush			RA	DD	RA	DD	RA	DD				
AMARANTHACEAE	<i>Ptilotus gaudichaudii</i> var. <i>parviflorus</i>	Paper Fox-tail			RA	DD	RA	DD						
AMARANTHACEAE	<i>Ptilotus sessilifolius</i> var. <i>sessilifolius</i>	Crimson-tails			RA	DD	RA	DD	RA	DD				
COMPOSITAE	<i>Quineta urvillei</i>	Quineta			RA	DD					RA	DD	RA	DD
RANUNCULACEAE	<i>Ranunculus pachycarpus</i>	Thick-fruit Buttercup			RA	DD					RA	DD	VU	DD
RANUNCULACEAE	<i>Ranunculus pumilio</i> var. <i>pumilio</i>	Ferny Buttercup			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
POTAMOGETONACEAE	<i>Ruppia megacarpa</i>	Widgeon Grass			RA	DD					RA	DD		
POTAMOGETONACEAE	<i>Ruppia polycarpa</i>	Widgeon Grass			RA	DD					RA	DD		
POTAMOGETONACEAE	<i>Ruppia tuberosa</i>	Widgeon Grass			RA	DD					RA	DD		
CHENOPODIACEAE	<i>Sclerolaena convexula</i>	Tall Bindyi			RA	DD					RA	DD		
CHENOPODIACEAE	<i>Sclerolaena costata</i>	Ribbed Bindyi			RA	DD	RA	DD			RA	DD		
CHENOPODIACEAE	<i>Sclerolaena holtiana</i>	Holt's Bindyi			RA	DD			RA	DD				
CHENOPODIACEAE	<i>Sclerolaena intricata</i>	Tangled Bindyi			RA	DD	RA	DD	RA	DD				
CHENOPODIACEAE	<i>Sclerolaena muricata</i> var. <i>semiglabra</i>	Five-spine Bindyi			RA	DD			RA	DD	RA	DD		
COMPOSITAE	<i>Senecio lanibracteus</i>	Inland Shrubby Groundsel			RA	DD	RA	DD						
COMPOSITAE	<i>Senecio magnificus</i>	Show y Groundsel			RA	DD	RA	DD						
LEGUMINOSAE	<i>Senna cardiosperma</i> ssp. <i>gawlerensis</i>	Gaw ler Ranges Senna			RA	DD	RA	DD						
GRAMINEAE	<i>Setaria basiclada</i>				RA	DD	RA	DD	RA	DD				
MALVACEAE	<i>Sida corrugata</i> var. <i>angustifolia</i>	Grassland Sida			RA	DD					RA	DD	RA	DD
MALVACEAE	<i>Sida corrugata</i> var. <i>corrugata</i>	Corrugated Sida			RA	DD					RA	DD		
MALVACEAE	<i>Sida trichopoda</i>	High Sida			RA	DD	RA	DD	RA	DD				
SOLANACEAE	<i>Solanum karsense</i>				RA	DD	RA	DD						
SOLANACEAE	<i>Solanum laciniatum</i>	Cut-leaf Kangaroo-apple			RA	DD					RA	DD		
RHAMNACEAE	<i>Spyridium spathulatum</i>	Spoon-leaf Spyridium		R	RA	DD					RA	DD		
RHAMNACEAE	<i>Spyridium vexilliferum</i> var. <i>latifolium</i>	Winged Spyridium			RA	DD					RA	DD	RA	DD
STACKHOUSIACEAE	<i>Stackhousia megaloptera</i>	Dune Candles			RA	DD	RA	DD						
COMPOSITAE	<i>Stuartina muelleri</i>	Spoon Cudweed			RA	DD	DD	DD					RA	DD
LEGUMINOSAE	<i>Swainsona stipularis</i>	Orange Swainson-pea			RA	DD	RA	DD						
CHENOPODIACEAE	<i>Tecticornia halocnemoides</i> ssp. <i>halocnemoides</i>	Grey Samphire			RA	DD					RA	DD		
AIZOACEAE	<i>Tetragonia implexicoma</i>	Bow er Spinach			RA	DD					RA	DD		
AIZOACEAE	<i>Tetragonia moorei</i>	New Zealand Spinach			RA	DD	RA	DD	RA	DD	RA	DD		
ORCHIDACEAE	<i>Thelymitra albiflora</i>	White Sun Orchid			RA	DD							RA	DD

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
ORCHIDACEAE	<i>Thelymitra pauciflora</i>	Slender Sun-orchid			RA	DD							RA	DD
ZYGOPHYLLACEAE	<i>Tribulus minutus</i>				RA	DD			RA	DD				
JUNCAGINACEAE	<i>Triglochin hexagona</i>	Six-point Arrow grass			RA	DD			RA	DD	RA	DD		
JUNCAGINACEAE	<i>Triglochin isingiana</i>	Spurred Arrow grass			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
LEGUMINOSAE	<i>Trigonella suavissima</i>	Sweet Fenugreek			RA	DD	RA	DD						
GRAMINEAE	<i>Triraphis mollis</i>	Purple Plume Grass			RA	DD			RA	DD	RA	DD		
SCROPHULARIACEAE	<i>Veronica hillebrandii</i>	Rigid Speedwell			RA	DD					RA	DD		
COMPOSITAE	<i>Vittadinia condyoides</i>	Club-hair New Holland Daisy			RA	DD	RA	DD	RA	DD	RA	DD		
CAMPANULACEAE	<i>Wahlenbergia queenslandica</i>				RA	DD	RA	DD						
CAMPANULACEAE	<i>Wahlenbergia tumidiflora</i>	Swollen-fruit Bluebell			RA	DD	NT	DD	VU	DD	RA	DD		
GRAMINEAE	<i>Walwhalleya prolata</i>	Rigid Panic			RA	DD					RA	DD	RA	DD
LILIACEAE	<i>Wurmbea dioica ssp. dioica</i>	Early Nancy			RA	DD							RA	DD
LEGUMINOSAE	<i>Acacia stenophylla</i>	River Cooba			NT	--	RA	DD	NT	--	NT	--		
AMARANTHACEAE	<i>Alternanthera denticulata</i>	Lesser Joyweed			NT	-	RA	DD	LC	-	LC	-	RA	-
CHENOPODIACEAE	<i>Atriplex vesicaria ssp. calcicola</i>	Bladder Saltbush			NT	-	NT	-	RA	0	NT	-		
CHENOPODIACEAE	<i>Atriplex vesicaria ssp. macrocystidia</i>	Bladder Saltbush			NT	-					NT	-		
CHENOPODIACEAE	<i>Atriplex vesicaria ssp. variabilis</i>	Bladder Saltbush			NT	-					NT	-		
PROTEACEAE	<i>Banksia marginata</i>	Silver Banksia			NT	-					VU	-	LC	-
PITTOSPORACEAE	<i>Billardiera versicolor</i>	Yellow-flower Apple-berry			NT	-					NT	-		
ORCHIDACEAE	<i>Caladenia cardiochila</i>	Heart-lip Spider-orchid			NT	-					NT	--	RA	-
ORCHIDACEAE	<i>Caladenia fuscata</i>	Dusky Caladenia			NT	-					RA	DD	NT	-
CONVOLVULACEAE	<i>Calystegia sepium ssp. roseata</i>	Large Bindweed			NT	-					NT	-		
UMBELLIFERAE	<i>Centella asiatica</i>	Asian Centella			NT	-					NT	-		
COMPOSITAE	<i>Centipeda minima ssp. minima</i>	Spreading Sneezeweed			NT	-			NT	-	RA	-		
COMPOSITAE	<i>Centipeda nidiformis</i>	Spreading Sneezeweed			NT	-			RA	-	NT	-		
CENTROLEPIDACEAE	<i>Centrolepis polygyna</i>	Wiry Centrolepis			NT	-					NT	-	NT	-
CENTROLEPIDACEAE	<i>Centrolepis strigosa ssp. strigosa</i>	Hairy Centrolepis			NT	-					RA	-	NT	DD
COMPOSITAE	<i>Chthonocephalus pseudevax</i>	Ground-heads			NT	-	LC	0	RA	-	RA	-		
CRASSULACEAE	<i>Crassula colorata var. colorata</i>	Dense Crassula			NT	-	RA	-			NT	-	NT	-
ORCHIDACEAE	<i>Diuris pardina</i>	Spotted Donkey-orchid			NT	-					LC	-	RA	-
COMPOSITAE	<i>Elachanthus pusillus</i>	Elachanth			NT	-	RA	DD			NT	-		
ORCHIDACEAE	<i>Eriochilus cucullatus</i>	Parson's Bands			NT	-					RA	-	NT	-
CYPERACEAE	<i>Fimbristylis velata</i>	Veiled Fringe-rush			NT	-			NT	-	RA	-		
RUTACEAE	<i>Geijera linearifolia</i>	Sheep Bush			NT	-	NT	-	VU	-	LC	0		
ORCHIDACEAE	<i>Genoplesium rufum</i>	Red Midge-orchid			NT	-					NT	-	RA	-
ORCHIDACEAE	<i>Glossodia major</i>	Purple Cockatoo			NT	-					RA	DD	NT	-
LEGUMINOSAE	<i>Glycyrrhiza acanthocarpa</i>	Native Liquorice			NT	-			NT	-	RA	-		
GOODENIACEAE	<i>Goodenia glauca</i>	Pale Goodenia			NT	-	RA	DD	LC	-	RA	-		
PROTEACEAE	<i>Grevillea huegelii</i>	Comb Grevillea			NT	-	LC	0	RA	-	NT	-	RA	-
PROTEACEAE	<i>Grevillea pterosperma</i>	Dune Grevillea			NT	-	RA	DD	RA	-	RA	-	LC	0
PROTEACEAE	<i>Hakea leucoptera ssp. leucoptera</i>	Silver Needlewood			NT	-	LC	0	NT	-	NT	-		
JUNCAEAE	<i>Juncus pallidus</i>	Pale Rush			NT	-					RA	-	LC	-
CRUCIFERAE	<i>Lepidium papillosum</i>	Warty Peppergrass			NT	-	LC	0	RA	-	RA	-		
SANTALACEAE	<i>Leptomeria aphylla</i>	Leafless Currant-bush			NT	-	DD	DD			RA	-	NT	-
ORCHIDACEAE	<i>Microtis arenaria</i>	Notched Onion-orchid			NT	-					RA	-	NT	DD
COMPOSITAE	<i>Millotia perpusilla</i>	Tiny Bow-flower			NT	-	LC	DD			RA	-		
HALORAGACEAE	<i>Myriophyllum verrucosum</i>	Red Milfoil			NT	-			NT	-	NT	-	RA	DD
SOLANACEAE	<i>Nicotiana velutina</i>	Velvet Tobacco			NT	-	NT	DD	NT	-	RA	DD		
COMPOSITAE	<i>Olearia magniflora</i>	Splendid Daisy-bush			NT	-	NT	-	RA	-	NT	-		
COMPOSITAE	<i>Olearia passerinoides ssp. passerinoides</i>	Feather Daisy-bush			NT	-	RA	-	RA	-	NT	-	NT	-
BORAGINACEAE	<i>Omphalolappula concava</i>	Burr Stickseed			NT	-	LC	0	RA	-	NT	-		
CRUCIFERAE	<i>Pachymitrus cardaminoides</i>	Sand Cress			NT	-	DD	DD	RA	-	LC	-		
ORCHIDACEAE	<i>Pheladenia deformis</i>	Bluebeard Orchid			NT	-					LC	-	RA	-
THYMELAEACEAE	<i>Pimelea phyllicoides</i>	Heath Riceflower			NT	-					RA	-	NT	-
ORCHIDACEAE	<i>Pterostylis prasina</i>				NT	-					NT	-	NT	-
ORCHIDACEAE	<i>Pterostylis pusilla</i>	Small Rusty-hood			NT	-					NT	-	NT	-
ORCHIDACEAE	<i>Pterostylis robusta</i>	Large Shell-orchid			NT	-					NT	-	NT	DD
AMARANTHACEAE	<i>Ptilotus exaltatus var. exaltatus</i>	Pink Mulla Mulla			NT	-	LC	0	RA	-	RA	-		
COMPOSITAE	<i>Pycnosorus pleiocephalus</i>	Soft Billy-buttons			NT	-	NT	DD	NT	-	RA	-		
COMPOSITAE	<i>Rhodanthe corymbiflora</i>	Paper Everlasting			NT	-	NT	-	NT	-	NT	-	RA	DD
COMPOSITAE	<i>Rhodanthe laevis</i>	Smooth Daisy			NT	-	NT	DD			LC	-	RA	DD
COMPOSITAE	<i>Rhodanthe polygalifolia</i>	Milkort Everlasting			NT	-	LC	DD	RA	DD	NT	-		
POLYGONACEAE	<i>Rumex bidens</i>	Mud Dock			NT	-			NT	DD	RA	-		
SANTALACEAE	<i>Santalum murrayanum</i>	Bitter Quandong			NT	-	RA	-	RA	-	NT	-	LC	0
COMPOSITAE	<i>Senecio picridioides</i>	Purple-leaf Groundsel			NT	-					NT	-	NT	-
GRAMINEAE	<i>Setaria constricta</i>	Knotty-butt Paspalum			NT	-	LC	0	RA	-	RA	-		
SOLANACEAE	<i>Solanum esuriale</i>	Quena			NT	-	LC	0	NT	-	RA	-		
SOLANACEAE	<i>Solanum simile</i>	Kangaroo Apple			NT	-	RA	DD	VU	--	LC	0	LC	0
COMPOSITAE	<i>Solenogyne dominii</i>	Smooth Solenogyne			NT	-							NT	-
COMPOSITAE	<i>Sonchus hydrophilus</i>	Native Sow-thistle			NT	-			NT	-	NT	-	DD	DD

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LEGUMINOSAE	<i>Swainsona microphylla</i>	Small-leaf Swainson-pea			NT	-	NT	0	NT	-	NT	-		
LEGUMINOSAE	<i>Templetonia egana</i>	Broombush Templetonia			NT	-	LC	0	RA	-	NT	-		
ORCHIDACEAE	<i>Thelymitra antennifera</i>	Lemon Sun-orchid			NT	-					NT	-	NT	-
ORCHIDACEAE	<i>Thelymitra megalyptra</i>	Scented Sun-orchid			NT	-					NT	-		
ORCHIDACEAE	<i>Thelymitra rubra</i>	Salmon Sun-orchid			NT	-							NT	-
JUNCAGINACEAE	<i>Triglochin procera</i>	Water-ribbons			NT	-			NT	-	NT	-		
COMPOSITAE	<i>Vittadinia blackii</i>	Narrow-leaf New Holland Daisy			NT	-					NT	-		
COMPOSITAE	<i>Xerochrysum bracteatum</i>	Golden Everlasting			NT	-	NT	-	NT	-	NT	-	NT	-
MALVACEAE	<i>Abutilon otocarpum</i>	Desert Lantern-bush			NT	0	NT	0	LC	0	VU	DD		
LEGUMINOSAE	<i>Acacia brachybotrya</i>	Grey Mulga-bush			NT	0	LC	0	RA	-	LC	0	RA	-
LEGUMINOSAE	<i>Acacia colletioides</i>	Veined Wait-a-w-hile			NT	0	LC	0	RA	-	LC	0		
LEGUMINOSAE	<i>Acacia farinosa</i>	Mealy Wattle			NT	0					RA	-	LC	0
LEGUMINOSAE	<i>Acacia halliana</i>	Hall's Wattle			NT	0	RA	DD			LC	0	LC	0
LEGUMINOSAE	<i>Acacia microcarpa</i>	Manna Wattle			NT	0	RA	DD			LC	0	LC	0
LEGUMINOSAE	<i>Acacia myrtifolia</i>	Myrtle Wattle			NT	0							NT	0
LEGUMINOSAE	<i>Acacia paradoxa</i>	Kangaroo Thorn			NT	0					RA	-	LC	+
ROSAEAE	<i>Acaena echinata</i>	Sheep's Burr			NT	0					RA	-	LC	0
PROTEACEAE	<i>Adenanthos terminalis</i>	Yellow Gland-flower			NT	0					RA	-	LC	0
CASUARINACEAE	<i>Allocasuarina pusilla</i>	Dwarf Oak-bush			NT	0					RA	0	LC	0
GRAMINEAE	<i>Amphipogon caricinus var. caricinus</i>	Long Grey-beard Grass			NT	0	NT	-	RA	DD	LC	0	LC	0
LORANTHACEAE	<i>Amyema miraculosa ssp. boormanii</i>	Fleshy Mistletoe			NT	0	DD	DD	RA	DD	LC	0		
ROSAEAE	<i>Aphanes australiana</i>	Australian Piert			NT	0					NT	0	NT	0
CRUCIFERAE	<i>Arabidella trisecta</i>	Shrubby Cress			NT	0	LC	0	RA	DD	RA	0		
COMPOSITAE	<i>Argentipallium blandowskianum</i>	Woolly Everlasting			NT	0					RA	0	NT	0
COMPOSITAE	<i>Argentipallium obtusifolium</i>	Blunt Everlasting			NT	0					LC	0	RA	-
GRAMINEAE	<i>Aristida contorta</i>	Curly Wire-grass			NT	0	RA	DD	RA	0	LC	0		
LILIAEAE	<i>Arthropodium fimbriatum</i>	Nodding Vanilla-lily			NT	0					NT	0	NT	0
LILIAEAE	<i>Arthropodium minus</i>	Small Vanilla-lily			NT	0					NT	0	NT	0
LILIAEAE	<i>Arthropodium strictum</i>	Common Vanilla-lily			NT	0			RA	DD	LC	0	LC	0
COMPOSITAE	<i>Asteridea athrixoides forma athrixoides</i>	Wirewort			NT	0			RA	DD	LC	0		
CHENOPODIACEAE	<i>Atriplex eardleyae</i>	Eardley's Saltbush			NT	0	RA	0	LC	0	NT	-		
CHENOPODIACEAE	<i>Atriplex leptocarpa</i>	Slender-fruit Saltbush			NT	0	RA	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Atriplex limbata</i>	Spreading Saltbush			NT	0	RA	DD	LC	0	RA	-		
CHENOPODIACEAE	<i>Atriplex lindleyi ssp. lindleyi</i>	Baloo			NT	0	RA	DD	LC	0	LC	0		
CHENOPODIACEAE	<i>Atriplex rhagodioides</i>	River Saltbush			NT	0	RA	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Atriplex suberecta</i>	Lagoon Saltbush			NT	0	RA	0	LC	0	LC	0		
GRAMINEAE	<i>Austrodanthonia geniculata</i>	Kneed Wallaby-grass			NT	0					RA	DD	LC	0
GRAMINEAE	<i>Austrostipa acroclliata</i>	Graceful Spear-grass			NT	0	NT	DD			LC	0	RA	DD
GRAMINEAE	<i>Austrostipa drummondii</i>	Cottony Spear-grass			NT	0	RA	DD	LC	0	LC	0	RA	DD
GRAMINEAE	<i>Austrostipa eremophila</i>	Rusty Spear-grass			NT	0	RA	0	RA	0	LC	0	RA	DD
GRAMINEAE	<i>Austrostipa flavescens</i>	Coast Spear-grass			NT	0					LC	0	RA	DD
GRAMINEAE	<i>Austrostipa platychaeta</i>	Flat-awn Spear-grass			NT	0	LC	0	RA	DD	LC	0		
AZOLLACEAE	<i>Azolla pinnata</i>	Ferny Azolla			NT	0			LC	0	RA	-		
PROTEACEAE	<i>Banksia ornata</i>	Desert Banksia			NT	0					RA	-	LC	0
EUPHORBIACEAE	<i>Beyeria lechenaultii</i>	Pale Turpentine Bush			NT	0	RA	0	RA	-	LC	0	NT	-
RUTACEAE	<i>Boronia coerulescens ssp. coerulescens</i>	Blue Boronia			NT	0	RA	0	RA	-	LC	0	LC	0
LEGUMINOSAE	<i>Bossiaea prostrata</i>	Creeping Bossiaea			NT	0							NT	0
COMPOSITAE	<i>Brachyscome goniocarpa</i>	Dwarf Daisy			NT	0					LC	0	RA	0
GOODENIACEAE	<i>Brunonia australis</i>	Blue Pincushion			NT	0							NT	0
LILIAEAE	<i>Burchardia umbellata</i>	Milkmaids			NT	0					RA	0	LC	0
ORCHIDACEAE	<i>Caladenia carnea</i>	Pink Fingers			NT	0					RA	DD	LC	0
ORCHIDACEAE	<i>Caladenia stricta</i>	Upright Caladenia			NT	0					LC	0	RA	0
PORTULACACEAE	<i>Calandrinia corrigioloides</i>	Strap Purslane			NT	0					RA	DD	NT	0
CUPRESSACEAE	<i>Callitris canescens</i>	Scrubby Cypress Pine			NT	0					LC	0	RA	DD
COMPOSITAE	<i>Calotis cuneifolia</i>	Purple Burr-daisy			NT	0	RA	DD	LC	0	RA	-		
MYRTACEAE	<i>Calytrix alpestris</i>	Snow Heath-myrtle			NT	0					RA	0	LC	0
CYPERACEAE	<i>Caustis pentandra</i>	Thick Twist-rush			NT	0							NT	0
COMPOSITAE	<i>Centipeda cunninghamii</i>	Common Sneezeweed			NT	0	RA	DD	LC	0	RA	DD	RA	DD
COMPOSITAE	<i>Centipeda thespidioides</i>	Desert Sneezeweed			NT	0	NT	0	RA	-				
CHENOPODIACEAE	<i>Chenopodium desertorum ssp. microphyllum</i>	Small-leaf Goosefoot			NT	0	RA	DD			LC	0	LC	0
CHENOPODIACEAE	<i>Chenopodium nitriaceum</i>	Nitre Goosefoot			NT	0	RA	DD	LC	0	DD	DD		
CYPERACEAE	<i>Chorizandra enodis</i>	Black Bristle-rush			NT	0							NT	0
POLYGALACEAE	<i>Comesperma calymega</i>	Blue-spike Milkwort			NT	0					RA	0	NT	0
POLYGALACEAE	<i>Comesperma polygaloides</i>	Mauve Milkwort			NT	0							NT	0
POLYGALACEAE	<i>Comesperma scoparium</i>	Broom Milkwort			NT	0					RA	DD	LC	0
RUTACEAE	<i>Correa reflexa var. scabridula</i>	Common Correa			NT	0					RA	-	LC	0
CRASSULACEAE	<i>Crassula colligata ssp. colligata</i>				NT	0			RA	-	LC	0	LC	0
RHAMNACEAE	<i>Cryptandra sp. Floriferous (W.R. Barker 4131)</i>	Pretty Cryptandra			NT	0	RA	0			LC	0	LC	0
RHAMNACEAE	<i>Cryptandra tomentosa</i>	Heath Cryptandra			NT	0					RA	DD	LC	0
BORAGINACEAE	<i>Cynoglossum australe</i>	Australian Hound's-tongue			NT	0					RA	DD	LC	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CYPERACEAE	<i>Cyperus difformis</i>	Variable Flat-sedge			NT	0	RA	0	LC	0	RA	-	LC	0
SOLANACEAE	<i>Cyphanthera myosotidea</i>	Small-leaf Ray-flow er			NT	0	NT	DD	RA	DD	NT	DD	LC	0
ORCHIDACEAE	<i>Cyrtostylis reniformis</i>	Small Gnat-orchid			NT	0					NT	0	NT	0
GOODENIACEAE	<i>Dampiera dysantha</i>	Shrubby Dampiera			NT	0					NT	0	NT	0
GOODENIACEAE	<i>Dampiera lanceolata</i> var. <i>lanceolata</i>	Grooved Dampiera			NT	0	RA	DD	RA	DD	LC	0	LC	0
GOODENIACEAE	<i>Dampiera marifolia</i>	Velvet Dampiera			NT	0	NT	0			NT	0	LC	0
GOODENIACEAE	<i>Dampiera rosmarinifolia</i>	Rosemary Dampiera			NT	0	RA	0			LC	0	LC	0
LEGUMINOSAE	<i>Daviesia arenaria</i>	Sand Bitter-pea			NT	0	RA	0	RA	DD	NT	-	NT	0
LEGUMINOSAE	<i>Daviesia benthamii</i> ssp. <i>acanthoclona</i>	Dryland Bitter-pea			NT	0	LC	0	RA	DD	RA	DD		
LILIAEAE	<i>Dianella brevicaulis</i>	Short-stem Flax-lily			NT	0					LC	0	RA	0
CONVOLVULACEAE	<i>Dichondra repens</i>	Kidney Weed			NT	0					NT	0	NT	0
CHLOANTHACEAE	<i>Dicrastylis verticillata</i>	Whorled Sand-sage			NT	0	LC	0	RA	DD	RA	-	RA	DD
LEGUMINOSAE	<i>Dillwynia glaberrima</i>	Smooth Parrot-pea			NT	0							NT	0
LEGUMINOSAE	<i>Dillwynia sericea</i>	Show y Parrot-pea			NT	0					RA	DD	LC	0
SAPINDACEAE	<i>Dodonaea stenozyga</i>	Desert Hop-bush			NT	0	LC	0	RA	DD	LC	0	RA	0
DROSERACEAE	<i>Drosera aberrans</i>	Scarlet Sundew			NT	0					RA	0	LC	0
DROSERACEAE	<i>Drosera glanduligera</i>	Pale Sundew			NT	0					RA	0	LC	0
DROSERACEAE	<i>Drosera peltata</i>	Crested Goosefoot			NT	0	NT	0	LC	0	NT	0		
CHENOPODIAEAE	<i>Dysphania cristata</i>	Clammy Goosefoot			NT	0			LC	0	NT	DD	RA	DD
CHENOPODIAEAE	<i>Dysphania pumilio</i>	Climbing Saltbush			NT	0	RA	0	LC	0	LC	0	RA	DD
CYPERACEAE	<i>Eleocharis pusilla</i>	Small Spike-rush			NT	0			LC	0	RA	-		
COMPOSITAE	<i>Epaltes australis</i>	Spreading Nut-heads			NT	0	RA	-	LC	0	LC	0		
MYOPOREAE	<i>Eremophila deserti</i>	Turkey-bush			NT	0	LC	0			RA	0		
MYOPOREAE	<i>Eremophila glabra</i> ssp. <i>Murray</i> (A.G. Spooner 1)	Small Tar Bush			NT	0	NT	0			NT	0	DD	DD
MYOPOREAE	<i>Eremophila longifolia</i>	Weeping Emubush			NT	0	LC	0	NT	0	NT	0		
MYOPOREAE	<i>Eremophila sturtii</i>	Turpentine Bush			NT	0	LC	0	RA	-				
MYRTACEAE	<i>Eucalyptus brachycalyx</i>	Gilja			NT	0	RA	DD	RA	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus cyanophylla</i>	Blue-leaf Mallee			NT	0	RA	0	DD	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus diversifolia</i> ssp. <i>diversifolia</i>	Coastal White Mallee			NT	0					RA	0	LC	0
MYRTACEAE	<i>Eucalyptus leucoxylon</i> ssp. <i>stephaniae</i>	Scrubby Blue Gum			NT	0					RA	DD	LC	0
MYRTACEAE	<i>Eucalyptus phenax</i> ssp. <i>phenax</i>	White Mallee			NT	0			RA	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus porosa</i>	Mallee Box			NT	0	DD	DD	RA	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus socialis</i> ssp. <i>viridans</i>	Beaked Red Mallee			NT	0					LC	0	RA	DD
SANTALACEAE	<i>Exocarpos cupressiformis</i>	Native Cherry			NT	0					VU	-	LC	0
SANTALACEAE	<i>Exocarpos sparteus</i>	Slender Cherry			NT	0	RA	0	VU	DD	LC	0	LC	0
FRANKENIACEAE	<i>Frankenia serpyllifolia</i>	Thyme Sea-heath			NT	0	LC	0	LC	0	RA	0		
CRUCIFERAE	<i>Geococcus pusillus</i>	Earth Cress			NT	0	LC	0	RA	-	LC	0		
GERANIACEAE	<i>Geranium potentilloides</i> var. <i>potentilloides</i>	Dow ny Geranium			NT	0					RA	0	NT	0
GERANIACEAE	<i>Geranium retrorsum</i>	Grassland Geranium			NT	0					RA	0	NT	0
GERANIACEAE	<i>Geranium solanderi</i> var. <i>solanderi</i>	Austral Geranium			NT	0					RA	0	NT	0
HALORAGACEAE	<i>Glischrocaryon behrii</i>	Golden Pennants			NT	0	RA	DD			LC	0	LC	0
SCROPHULARIACEAE	<i>Glossostigma diandrum</i>	Tw o-anther Mud-mat			NT	0			NT	0			NT	0
SCROPHULARIACEAE	<i>Glossostigma elatinoides</i>	Small Mud-mat			NT	0			NT	0	NT	0		
HALORAGACEAE	<i>Gonocarpus tetragynus</i>	Small-leaf Raspw ort			NT	0					RA	0	LC	0
GOODENIACEAE	<i>Goodenia fascicularis</i>	Silky Goodenia			NT	0	LC	0	NT	0	RA	DD		
GOODENIACEAE	<i>Goodenia geniculata</i>	Bent Goodenia			NT	0					RA	DD	LC	0
GOODENIACEAE	<i>Goodenia pinnatifida</i>	Cut-leaf Goodenia			NT	0	LC	0	RA	DD	LC	0	NT	0
GOODENIACEAE	<i>Goodenia pusilliflora</i>	Small-flow er Goodenia			NT	0	LC	0	RA	DD	LC	0		
SOLANACEAE	<i>Grammosolen dixonii</i>				NT	0	LC	0	RA	-	NT	0		
PROTEACEAE	<i>Grevillea ilicifolia</i> ssp. <i>lobata</i>	Lobed Holly-leaf Grevillea			NT	0					RA	DD	LC	0
PROTEACEAE	<i>Grevillea lavandulacea</i> ssp. <i>lavandulacea</i>	Spider-flow er			NT	0					RA	-	LC	0
GYROSTEMONACEAE	<i>Gyrostemon australasicus</i>	Buckbush Wheel-fruit			NT	0			RA	DD	RA	0	LC	0
PROTEACEAE	<i>Hakea repullulans</i>	Furze Hakea			NT	0							NT	0
PROTEACEAE	<i>Hakea rostrata</i>	Beaked Hakea			NT	0					RA	-	LC	0
BORAGINACEAE	<i>Halgania andromedifolia</i>	Scented Blue-flow er			NT	0	NT	-	RA	0	LC	0	LC	0
COMPOSITAE	<i>Helichrysum leucopsidum</i>	Satin Everlasting			NT	0	NT	0	RA	0	LC	0	LC	0
COMPOSITAE	<i>Helichrysum scorpioides</i>	Button Everlasting			NT	0					RA	DD	LC	0
DILLENIACEAE	<i>Hibbertia virgata</i>	Tw iggy Guinea-flow er			NT	0	RA	0	VU	-	LC	0	LC	0
COMPOSITAE	<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	Golden Sunray			NT	0	RA	DD			LC	0		
COMPOSITAE	<i>Hyalosperma semisterile</i>	Orange Sunray			NT	0	LC	0	RA	0	LC	0	RA	DD
VIOLACEAE	<i>Hybanthus floribundus</i> ssp. <i>floribundus</i>	Shrub Violet			NT	0	NT	0	RA	-	LC	0		
UMBELLIFERAE	<i>Hydrocotyle callicarpa</i>	Tiny Pennyw ort			NT	0					RA	-	NT	0
UMBELLIFERAE	<i>Hydrocotyle pilifera</i> var. <i>glabrata</i>	Buttercup Pennyw ort			NT	0					LC	0	RA	DD
RESTIONACEAE	<i>Hypolaena fastigiata</i>	Tassel Rope-rush			NT	0					RA	0	LC	0
COMPOSITAE	<i>Isoetopsis graminifolia</i>	Grass Cushion			NT	0	LC	0	RA	0	LC	0		
PROTEACEAE	<i>Isopogon ceratophyllus</i>	Horny Cone-bush			NT	0					RA	DD	LC	0
JUNCAEAE	<i>Juncus bufonius</i>	Toad Rush			NT	0			RA	0	RA	0	LC	0
JUNCAEAE	<i>Juncus subsecundus</i>	Finger Rush			NT	0					RA	DD	LC	0
LEGUMINOSAE	<i>Kennedia prostrata</i>	Scarlet Runner			NT	0					RA	DD	LC	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
MYRTACEAE	<i>Kunzea pomifera</i>	Muntries			NT	0					RA	0	LC	0
MALVACEAE	<i>Lawrenzia glomerata</i>	Clustered Law renzia			NT	0	LC	0	RA	0	NT	0		
COMPOSITAE	<i>Leiocarpa websteri</i>	Narrow Flover-daisy			NT	0	NT	DD	NT	DD	NT	0		
CRUCIFERAE	<i>Lepidium leptopetalum</i>	Shrubby Peppergrass			NT	0	LC	0	RA	0	LC	0		
CRUCIFERAE	<i>Lepidium phlebopetalum</i>	Veined Peppergrass			NT	0	LC	0			RA	DD		
RESTIONACEAE	<i>Lepidobolus drapetocoleus</i>	Scale Shedder			NT	0					RA	0	LC	0
CYPERACEAE	<i>Lepidosperma concavum</i>	Spreading Sw ord-sedge			NT	0					RA	0	LC	0
ORCHIDACEAE	<i>Leporella fimbriata</i>	Fringed Hare-orchid			NT	0					RA	DD	LC	0
MYRTACEAE	<i>Leptospermum myrsinoides</i>	Heath Tea-tree			NT	0					RA	-	LC	0
EPACRIDACEAE	<i>Leucopogon costatus</i>	Twiggy Beard-heath			NT	0					RA	DD	LC	0
EPACRIDACEAE	<i>Leucopogon glacialis</i>	Twisted Beard-heath			NT	0							NT	0
EPACRIDACEAE	<i>Leucopogon woodsii</i>	Nodding Beard-heath			NT	0					RA	DD	LC	0
LINACEAE	<i>Linum marginale</i>	Native Flax			NT	0	NT	DD	RA	DD	LC	0	NT	0
CAMPANULACEAE	<i>Lobelia anceps</i>	Angled Lobelia			NT	0					NT	0		
CAMPANULACEAE	<i>Lobelia gibbosa</i>	Tall Lobelia			NT	0					RA	DD	NT	0
LOGANIACEAE	<i>Logania nuda</i>	Leafless Logania			NT	0	LC	0	RA	-	RA	-	NT	0
LILIAEAE	<i>Lomandra collina</i>	Sand Mat-rush			NT	0	RA	-	RA	-	LC	0	LC	0
LILIAEAE	<i>Lomandra nana</i>	Small Mat-rush			NT	0					RA	-	NT	0
CHENOPODIACEAE	<i>Maireana appressa</i>	Pale-fruit Bluebush			NT	0	RA	0	LC	0	RA	DD		
CHENOPODIACEAE	<i>Maireana ciliata</i>	Hairy Fissure-plant			NT	0	DD	DD	LC	0	RA	0		
CHENOPODIACEAE	<i>Maireana georgei</i>	Satiny Bluebush			NT	0	LC	0	RA	0	RA	DD		
CHENOPODIACEAE	<i>Maireana radiata</i>	Radiate Bluebush			NT	0	LC	0	RA	0	LC	0	RA	DD
CHENOPODIACEAE	<i>Maireana rohrlachii</i>	Rohrlach's Bluebush	R		NT	0	RA	0	RA	-	LC	0		
CHENOPODIACEAE	<i>Maireana sedifolia</i>	Bluebush			NT	0	LC	0	RA	0	LC	0		
CHENOPODIACEAE	<i>Maireana trichoptera</i>	Hairy-fruit Bluebush			NT	0	LC	0	RA	0	LC	0		
CHENOPODIACEAE	<i>Maireana triptera</i>	Three-wing Bluebush			NT	0	LC	0			RA	DD		
ASCLEPIADACEAE	<i>Marsdenia australis</i>	Native Pear			NT	0	NT	0	RA	-				
MARSILEACEAE	<i>Marsilea drummondii</i>	Common Nardoo			NT	0	RA	0	NT	-	NT	-	RA	0
MYRTACEAE	<i>Melaleuca brevifolia</i>	Short-leaf Honey-myrtle			NT	0					RA	0	LC	0
CRUCIFERAE	<i>Menkea australis</i>	Fairy Spectacles			NT	0	LC	0	RA	DD	LC	DD	RA	DD
COMPOSITAE	<i>Microseris lanceolata</i>	Yam Daisy			NT	0					NT	0	NT	0
COMPOSITAE	<i>Millotia myosotidifolia</i>	Broad-leaf Millotia			NT	0	NT	DD	RA	DD	LC	0		
COMPOSITAE	<i>Minuria cunninghamii</i>	Bush Minuria			NT	0	LC	0	LC	0	RA	0		
COMPOSITAE	<i>Minuria leptophylla</i>	Minnie Daisy			NT	0	LC	0	RA	-	LC	0	RA	DD
POLYGONACEAE	<i>Muehlenbeckia florulenta</i>	Lignum			NT	0	RA	0	LC	0	LC	0	RA	DD
MYOPORACEAE	<i>Myoporum platycarpum ssp. perbellum</i>	Mallee Sandalwood			NT	0	RA	DD	RA	-	LC	0	RA	DD
MYOPORACEAE	<i>Myoporum platycarpum ssp. platycarpum</i>	False Sandalwood			NT	0	LC	0	RA	0	LC	0	RA	DD
COMPOSITAE	<i>Olearia decurrens</i>	Winged Daisy-bush			NT	0	LC	0			LC	0	RA	0
COMPOSITAE	<i>Olearia lepidophylla</i>	Clubmoss Daisy-bush			NT	0	RA	0	RA	-	LC	0	LC	0
COMPOSITAE	<i>Olearia muelleri</i>	Mueller's Daisy-bush			NT	0	LC	0	RA	-	LC	0	RA	-
COMPOSITAE	<i>Olearia rudis</i>	Azure Daisy-bush			NT	0					RA	-	NT	0
RUBIACEAE	<i>Opecularia turpis</i>	Twiggy Stinkweed			NT	0	RA	DD			LC	0	LC	0
COMPOSITAE	<i>Ozothamnus retusus</i>	Notched Bush-everlasting			NT	0	RA	DD			LC	0	LC	0
GRAMINEAE	<i>Panicum effusum var. effusum</i>	Hairy Panic			NT	0			RA	DD	LC	0		
URTICACEAE	<i>Parietaria cardiostegia</i>	Mallee Smooth-nettle			NT	0	LC	0	RA	DD				
PROTEACEAE	<i>Persea juniperina</i>	Prickly Geebung			NT	0					RA	DD	LC	0
RUTACEAE	<i>Phebalium bullatum</i>	Silvery Phebalium			NT	0	RA	-	RA	-	LC	0	LC	0
GRAMINEAE	<i>Phragmites australis</i>	Common Reed			NT	0	RA	0	LC	0	LC	0		
LEGUMINOSAE	<i>Phyllota pleurandroides</i>	Heathy Phyllota			NT	0					RA	0	LC	0
LEGUMINOSAE	<i>Phyllota remota</i>	Slender Phyllota			NT	0							NT	0
THYMELAEACEAE	<i>Pimelea flava ssp. dichotoma</i>	Diosma Riceflower			NT	0					LC	0	RA	0
THYMELAEACEAE	<i>Pimelea humilis</i>	Low Riceflower			NT	0					RA	DD	LC	0
THYMELAEACEAE	<i>Pimelea micrantha</i>	Silky Riceflower			NT	0					NT	0	RA	DD
THYMELAEACEAE	<i>Pimelea microcephala ssp. microcephala</i>	Shrubby Riceflower			NT	0	LC	0	LC	0	RA	DD		
THYMELAEACEAE	<i>Pimelea serpyllifolia ssp. serpyllifolia</i>	Thyme Riceflower			NT	0					LC	0	RA	DD
THYMELAEACEAE	<i>Pimelea simplex ssp. simplex</i>	Desert Riceflower			NT	0	LC	0			RA	DD		
THYMELAEACEAE	<i>Pimelea trichostachya</i>	Spiked Riceflower			NT	0	LC	0	NT	-	RA	DD	RA	DD
PITOSPORAACEAE	<i>Pittosporum angustifolium</i>	Native Apricot			NT	0	NT	0	NT	0	LC	0	NT	0
BORAGINACEAE	<i>Plagiobothrys plurisepaleus</i>	White Rochelia			NT	0	LC	0	RA	DD	NT	0	NT	DD
PLANTAGINACEAE	<i>Plantago cunninghamii</i>	Clay Plantain			NT	0	LC	0	LC	0	NT	0	VU	DD
PLANTAGINACEAE	<i>Plantago drummondii</i>	Dark Plantain			NT	0	LC	0	RA	DD	LC	0		
PLANTAGINACEAE	<i>Plantago gaudichaudii</i>	Narrow-leaf Plantain			NT	0							NT	0
PLANTAGINACEAE	<i>Plantago hispida</i>	Hairy Plantain			NT	0							NT	0
COMPOSITAE	<i>Podolepis rugata var. rugata</i>	Pleated Copper-wire Daisy			NT	0	RA	-			LC	0	LC	0
COMPOSITAE	<i>Podolepis tepperi</i>	Delicate Copper-wire Daisy			NT	0	RA	DD			LC	0	NT	0
RHAMNACEAE	<i>Pomaderris paniculosa ssp. paniculosa</i>	Mallee Pomaderris			NT	0					NT	0		
POTAMOGETONACEAE	<i>Potamogeton tricarinatus</i>	Floating Pondweed			NT	0			LC	0	LC	0	RA	-
LABIATAE	<i>Prostanthera serpyllifolia ssp. microphylla</i>	Small-leaf Mintbush			NT	0					RA	-	NT	0
ORCHIDACEAE	<i>Pterostylis mutica</i>	Midget Greenhood			NT	0	RA	DD			LC	0	LC	0
AMARANTHACEAE	<i>Ptilotus polystachyus var. polystachyus</i>	Long-tails			NT	0	NT	DD	RA	0				
AMARANTHACEAE	<i>Ptilotus spathulatus forma spathulatus</i>	Pussy-tails			NT	0	LC	0	RA	0	LC	0	NT	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
LEGUMINOSAE	<i>Pultenaea prostrata</i>	Silky Bush-pea			NT	0					RA	DD	LC	0
ORCHIDACEAE	<i>Pyrorchis nigricans</i>	Black Fire-orchid			NT	0					RA	-	LC	0
CHENOPODIACEAE	<i>Rhagodia candolleana ssp. candolleana</i>	Sea-berry Saltbush			NT	0					NT	0		
CHENOPODIACEAE	<i>Rhagodia parabolica</i>	Mealy Saltbush			NT	0	LC	0	RA	0	LC	0		
CHENOPODIACEAE	<i>Rhagodia preissii ssp. preissii</i>	Mallee Saltbush			NT	0	RA	DD			LC	0		
COMPOSITAE	<i>Rhodanthe moschata</i>	Musk Daisy			NT	0	LC	0	RA	-	RE			
ASCLEPIADACEAE	<i>Rhyncharhena linearis</i>	Bush Bean			NT	0	NT	0	RA	0				
POLYGONACEAE	<i>Rumex brownii</i>	Slender Dock			NT	0			NT	DD	NT	0	RA	0
SANTALACEAE	<i>Santalum acuminatum</i>	Quandong			NT	0	LC	-	VU	-	LC	0	NT	0
CHENOPODIACEAE	<i>Sarcocornia quinqueflora</i>	Beaded Samphire			NT	0			NT	0	NT	0		
GOODENIACEAE	<i>Scaevola depauperata</i>	Skeleton Fanflower			NT	0	NT	0						
CYPERACEAE	<i>Schoenus apogon</i>	Common Bog-rush			NT	0					RA	-	LC	0
CYPERACEAE	<i>Schoenus deformis</i>	Small Bog-rush			NT	0					RA	DD	LC	0
CYPERACEAE	<i>Schoenus racemosus</i>	Sandhill Bog-rush			NT	0					RA	DD	NT	0
CYPERACEAE	<i>Schoenus subaphyllus</i>	Desert Bog-rush			NT	0	NT	-	RA	-	NT	0	LC	0
CARYOPHYLLACEAE	<i>Scieranthus minusculus</i>	Cushion Knave			NT	0	NT	0	RA	0	NT	0	NT	0
CHENOPODIACEAE	<i>Sclerolaena brachyptera</i>	Short-wing Bindyi			NT	0	RA	0	LC	0	RA	DD		
CHENOPODIACEAE	<i>Sclerolaena decurrens</i>	Green Bindyi			NT	0	RA	DD	LC	0				
CHENOPODIACEAE	<i>Sclerolaena muricata var. muricata</i>	Five-spine Bindyi			NT	0	RA	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Sclerolaena stelligera</i>	Star Bindyi			NT	0	RA	DD	LC	0	RA	DD		
CHENOPODIACEAE	<i>Sclerolaena tricuspis</i>	Three-spine Bindyi			NT	0	RA	0	LC	0	LC	0		
MALVACEAE	<i>Sida fibulifera</i>	Pin Sida			NT	0	LC	0	NT	0	RA	DD		
MALVACEAE	<i>Sida intricata</i>	Twiggy Sida			NT	0	LC	0	NT	0	RA	DD		
MALVACEAE	<i>Sida petrophila</i>	Rock Sida			NT	0			NT	0	RA	DD		
SOLANACEAE	<i>Solanum coactiliferum</i>	Tomato-bush			NT	0	LC	0	NT	0	RA	DD		
LEMNACEAE	<i>Spirodela punctata</i>	Thin Duckweed			NT	0			LC	0	RA	-		
RHAMNACEAE	<i>Spyridium subochreatum</i>				NT	0	RA	DD	RE		LC	0	LC	0
STACKHOUSIACEAE	<i>Stackhousia monogyna</i>	Creamy Candles			NT	0					RA	DD	NT	0
RHAMNACEAE	<i>Stenanthemum leucophractum</i>	White Cryptandra			NT	0	RA	0	EN	--	LC	0	LC	0
STYLIDIACEAE	<i>Stylidium graminifolium</i>	Grass Trigger-plant			NT	0							NT	0
EPACRIDACEAE	<i>Styphelia exarrhena</i>	Desert Heath			NT	0					RA	0	LC	0
LEGUMINOSAE	<i>Swainsona oliveri</i>				NT	0	NT	0						
CHENOPODIACEAE	<i>Tecticornia indica ssp. leiostachya</i>	Brown-head Samphire			NT	0	RA	DD	LC	0	RA	0		
CHENOPODIACEAE	<i>Tecticornia pergranulata ssp. divaricata</i>	Black-seed Samphire			NT	0	RA	DD	LC	0				
CHENOPODIACEAE	<i>Tecticornia pterygosperma ssp. pterygosperma</i>	Winged-seed Samphire			NT	0					NT	0		
CHENOPODIACEAE	<i>Tecticornia triandra</i>	Desert Glasswort			NT	0			LC	0	RA	DD		
GRAMINEAE	<i>Tragus australianus</i>	Small Burr-grass			NT	0			LC	0	LC	0	RA	DD
LILIACEAE	<i>Tricoryne elatior</i>	Yellow Rush-lily			NT	0					RA	0	LC	0
JUNCEAE	<i>Triglochin striata</i>	Streaked Arrowgrass			NT	0			LC	0	LC	0	RA	-
GOODENIACEAE	<i>Velleia arguta</i>	Toothed Velleia			NT	0	RA	DD	RA	DD	LC	0		
COMPOSITAE	<i>Vittadinia australasica var. australasica</i>	Sticky New Holland Daisy			NT	0	RA	DD			LC	0	LC	0
COMPOSITAE	<i>Vittadinia megacephala</i>	Giant New Holland Daisy			NT	0	RA	DD	LC	0	LC	0		
CAMPANULACEAE	<i>Wahlenbergia littorcola</i>	Coast Bluebell			NT	0					NT	0	NT	0
COMPOSITAE	<i>Waitzia acuminata var. acuminata</i>	Orange Immortelle			NT	0	LC	0	RA	-	RA	DD	RA	DD
LILIACEAE	<i>Xanthorrhoea caespitosa</i>	Sand-heath Yacca			NT	0					RA	0	LC	0
UMBELLIFERAE	<i>Xanthosia huegelii</i>	Hairy Xanthosia			NT	0					RA	-	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum confluens</i>	Forked Twineleaf			NT	0	LC	0	RA	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum crenatum</i>	Notched Twineleaf			NT	0	LC	0			LC	0	RA	0
ZYGOPHYLLACEAE	<i>Zygophyllum eremaeum</i>				NT	0	LC	0	LC	0	RA	DD		
CUPRESSACEAE	<i>Callitris gracilis</i>	Southern Cypress Pine			NT	+	RA	DD	NT	DD	LC	+	LC	0
CYPERACEAE	<i>Cyperus gymnocaulos</i>	Spiny Flat-sedge			NT	+	RA	DD	LC	+	LC	+	NT	0
GRAMINEAE	<i>Eragrostis dielsii var. dielsii</i>	Mulka			NT	+	LC	+	LC	+	RA	+		
JUNCEAE	<i>Juncus kraussii</i>	Sea Rush			NT	+					LC	+	RA	+
CHENOPODIACEAE	<i>Tecticornia pergranulata ssp. pergranulata</i>	Black-seed Samphire			NT	+	RA	DD	LC	+	LC	+		
CONVOLVULACEAE	<i>Wilsonia rotundifolia</i>	Round-leaf Wilsonia			NT	+			RA	DD	NT	+		
UMBELLIFERAE	<i>Apium prostratum var. filiforme</i>	Native Celery			NT	DD					NT	DD		
UMBELLIFERAE	<i>Apium prostratum var. prostratum</i>	Native Celery			NT	DD					NT	DD		
GRAMINEAE	<i>Austrostipa exilis</i>	Heath Spear-grass			NT	DD					NT	DD	RA	DD
GRAMINEAE	<i>Austrostipa macalpinei</i>	Annual Spear-grass			NT	DD							NT	DD
GRAMINEAE	<i>Austrostipa mundula</i>	Neat Spear-grass			NT	DD					NT	DD		
GRAMINEAE	<i>Austrostipa puberula</i>	Fine-hairy Spear-grass			NT	DD					NT	DD	RA	DD
CUPRESSACEAE	<i>Callitris glaucophylla</i>	White Cypress-pine			NT	DD	RA	DD	NT	DD	NT	DD		
CHENOPODIACEAE	<i>Chenopodium desertorum ssp. rectum</i>	Erect Goosefoot			NT	DD	RA	DD	RA	DD	NT	DD	NT	DD
CHENOPODIACEAE	<i>Dysphania glomulifera ssp. glomulifera</i>	Globular Crumbweed			NT	DD	NT	DD	NT	DD	NT	DD		
MYRTACEAE	<i>Eucalyptus fasciculosa</i>	Pink Gum		R	NT	DD					RA	DD	NT	DD
LEGUMINOSAE	<i>Glycine rubiginosa</i>	Twining Glycine			NT	DD			RA	DD	NT	DD		
COMPOSITAE	<i>Leptorhynchus squamatus ssp. squamatus</i>	Scaly Buttons			NT	DD							NT	DD
SCROPHULARIACEAE	<i>Limosella curdieana var. curdieana</i>	Large Mudwort			NT	DD	NT	DD						
CARYOPHYLLACEAE	<i>Sagina maritima</i>	Sea Pearlwort			NT	DD					NT	DD		
COMPOSITAE	<i>Senecio longicollaris</i>				NT	DD					NT	DD		
CARYOPHYLLACEAE	<i>Spergularia marina</i>	Salt Sand-spurrey			NT	DD	DD	DD	NT	DD	NT	DD		
COMPOSITAE	<i>Trichanthodium skirrophorum</i>	Woolly Yellow-heads			NT	DD			DD	DD	NT	DD		

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AMARANTHACEAE	<i>Alternanthera nodiflora</i>	Common Joyw eed			LC	-			LC	-	NT	-		
RUBIA CEAE	<i>Asperula gemella</i>	Tw in-leaf Bedstraw			LC	-			LC	-	LC	-		
PITOSPORA CEAE	<i>Billardiera cymosa ssp. cymosa</i>	Sw eet Apple-berry			LC	-					LC	-	LC	-
ORCHIDA CEAE	<i>Caladenia capillata</i>	Wispy Spider-orchid			LC	-					LC	-	NT	-
ORCHIDA CEAE	<i>Caladenia tensa</i>	Inland Green-comb Spider-orchid	EN		LC	-					LC	-	NT	-
CASUARINA CEAE	<i>Casuarina pauper</i>	Black Oak			LC	-	LC	DD	NT	--	LC	-		
COMPOSITAE	<i>Cratystylis conocephala</i>	Bluebush Daisy			LC	-	LC	-			LC	-		
CYPERACEAE	<i>Cyperus exaltatus</i>	Splendid Flat-sedge			LC	-			LC	-	LC	-		
ORCHIDA CEAE	<i>Genoplesium nigricans</i>	Black Midge-orchid			LC	-					NT	--	LC	-
COMPOSITAE	<i>Millotia tenuifolia var. tenuifolia</i>	Soft Millotia			LC	-					LC	-	LC	-
RUTA CEAE	<i>Philotheca pungens</i>	Prickly Wax-flow er			LC	-					NT	-	LC	-
GRAMINEAE	<i>Sporobolus mitchellii</i>	Rat-tail Couch			LC	-			LC	-	LC	-		
ORCHIDA CEAE	<i>Thelymitra alcockii</i>	Kaths Sun Orchid			LC	-					LC	-	LC	-
LEGUMINOSAE	<i>Acacia acanthoclada ssp. acanthoclada</i>	Harrow Wattle			LC	0	LC	0	RA	-	LC	0	LC	0
LEGUMINOSAE	<i>Acacia argyrophylla</i>	Silver Mulga-bush			LC	0					LC	0		
LEGUMINOSAE	<i>Acacia burkittii</i>	Pin-bush Wattle			LC	0	LC	0						
LEGUMINOSAE	<i>Acacia cupularis</i>	Cup Wattle			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Acacia euthycarpa</i>	Wallow a			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Acacia hakeoides</i>	Hakea Wattle			LC	0	LC	0	RA	-	LC	0	LC	0
LEGUMINOSAE	<i>Acacia leiophylla</i>	Coast Golden Wattle			LC	0							LC	0
LEGUMINOSAE	<i>Acacia nyssophylla</i>	Spine Bush			LC	0	LC	0	LC	0	LC	0	RA	DD
LEGUMINOSAE	<i>Acacia oswaldii</i>	Umbrella Wattle			LC	0	LC	0	LC	0	LC	0	RA	0
LEGUMINOSAE	<i>Acacia pycnantha</i>	Golden Wattle			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Acacia rigens</i>	Nealie			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Acacia sclerophylla var. sclerophylla</i>	Hard-leaf Wattle			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Acacia spinescens</i>	Spiny Wattle			LC	0			RE		LC	0	LC	0
LEGUMINOSAE	<i>Acacia wilhelmiana</i>	Dwarf Nealie			LC	0	LC	0	RA	0	LC	0	LC	0
EPACRIDACEAE	<i>Acrotriche affinis</i>	Ridged Ground-berry			LC	0					NT	0	LC	0
EPACRIDACEAE	<i>Acrotriche serrulata</i>	Cushion Ground-berry			LC	0							LC	0
COMPOSITAE	<i>Actinobole uliginosum</i>	Flannel Cudw eed			LC	0	LC	0	LC	0	LC	0	LC	0
SAPINDACEAE	<i>Alectryon oleifolius ssp. canescens</i>	Bullock Bush			LC	0	LC	0	NT	0	LC	0		
CASUARINA CEAE	<i>Allocasuarina muelleriana ssp. muelleriana</i>	Common Oak-bush			LC	0					LC	0	LC	0
LORANTHACEAE	<i>Amyema miquelii</i>	Box Mistletoe			LC	0	LC	0	LC	0	LC	0	LC	0
LORANTHACEAE	<i>Amyema preissii</i>	Wire-leaf Mistletoe			LC	0	LC	0	NT	DD	LC	0		
COMPOSITAE	<i>Angianthus tomentosus</i>	Hairy Angianthus			LC	0	LC	0	LC	0	LC	0	RA	0
LEGUMINOSAE	<i>Aotus subspinescens</i>	Mallee Aotus			LC	0	NT	DD			LC	0	LC	0
EPACRIDACEAE	<i>Astroloma conostephioides</i>	Flame Heath			LC	0					LC	0	LC	0
EPACRIDACEAE	<i>Astroloma humifusum</i>	Cranberry Heath			LC	0					LC	0	LC	0
CHENOPODIACEAE	<i>Atriplex acutibractea ssp. acutibractea</i>	Pointed Saltbush			LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Atriplex acutibractea ssp. karoniensis</i>	Pointed Saltbush			LC	0	DD	DD	DD	DD	LC	0		
CHENOPODIACEAE	<i>Atriplex semibaccata</i>	Berry Saltbush			LC	0			LC	0	LC	0		
GRAMINEAE	<i>Austrodanthonia caespitosa</i>	Common Wallaby-grass			LC	0	NT	-	NT	-	LC	0	LC	0
GRAMINEAE	<i>Austrodanthonia setacea</i>	Small-flow er Wallaby-grass			LC	0	RA	DD	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa elegantissima</i>	Feather Spear-grass			LC	0	LC	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa hemipogon</i>	Half-beard Spear-grass			LC	0					LC	0	LC	0
GRAMINEAE	<i>Austrostipa mollis</i>	Soft Spear-grass			LC	0	NE		NE		LC	0	LC	0
GRAMINEAE	<i>Austrostipa nitida</i>	Balcarra Spear-grass			LC	0	LC	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa nodosa</i>	Tall Spear-grass			LC	0			LC	0	LC	0		
GRAMINEAE	<i>Austrostipa scabra ssp. falcata</i>	Slender Spear-grass			LC	0	RA	DD	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa scabra ssp. scabra</i>	Rough Spear-grass			LC	0	LC	0	NE		NE			
AZOLLACEAE	<i>Azolla filiculoides</i>	Pacific Azolla			LC	0			LC	0	LC	0		
MYRTACEAE	<i>Babingtonia behrii</i>	Silver Broombush			LC	0					LC	0	LC	0
MYRTACEAE	<i>Baeckea crassifolia</i>	Desert Baeckea			LC	0	LC	DD			LC	0	LC	0
MYRTACEAE	<i>Baeckea ericaea</i>	Mat Baeckea			LC	0							LC	0
CYPERACEAE	<i>Baumea juncea</i>	Bare Tw ig-rush			LC	0					NT	0	LC	0
EUPHORBIACEAE	<i>Bertya tasmanica ssp. vestita</i>	Mitchell's Bertya			LC	0	DD	DD			LC	DD	LC	0
EUPHORBIACEAE	<i>Beyeria opaca</i>	Dark Turpentine Bush			LC	0	LC	0	NT	-	LC	0	NT	0
COMPOSITAE	<i>Blennospora drummondii</i>	Dwarf Button-flow er			LC	0					LC	0	LC	0
NYCTAGINACEAE	<i>Boerhavia dominii</i>	Tar-vine			LC	0			LC	0	LC	0		
CYPERACEAE	<i>Bolboschoenus caldwellii</i>	Salt Club-rush			LC	0			LC	0	LC	0		
CYPERACEAE	<i>Bolboschoenus medianus</i>	Marsh Club-rush			LC	0			LC	0	LC	0		
RUTA CEAE	<i>Boronia inornata ssp. leptophylla</i>	Dryland Boronia			LC	0					LC	0		
EPACRIDACEAE	<i>Brachyloma ciliatum</i>	Fringed Brachyloma			LC	0							LC	0
EPACRIDACEAE	<i>Brachyloma daphnoides</i>	Daphne Heath			LC	0							LC	0
EPACRIDACEAE	<i>Brachyloma ericoides ssp. ericoides</i>	Brush Heath			LC	0					LC	0	LC	0
COMPOSITAE	<i>Brachyscome ciliaris var. ciliaris</i>	Variable Daisy			LC	0	LC	0	DD	DD	LC	0	LC	0
COMPOSITAE	<i>Brachyscome lineariloba</i>	Hard-head Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Brachyscome perpussilla</i>	Tiny Daisy			LC	0					LC	0	LC	0
COMPOSITAE	<i>Brachyscome trachycarpa</i>	Smooth Daisy			LC	0	LC	0						
LILIA CEAE	<i>Bulbine semibarbata</i>	Small Leek-ily			LC	0	RA	DD	LC	0	LC	0	LC	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Orlay Plain Status	South Orlay Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
PITTOCORACEAE	<i>Bursaria spinosa ssp. spinosa</i>	Sweet Bursaria			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Caladenia verrucosa</i>	Yellow-club Spider-orchid			LC	0					LC	0	LC	0
PORTULACACEAE	<i>Calandrinia calytrata</i>	Pink Purslane			LC	0					LC	0	LC	0
PORTULACACEAE	<i>Calandrinia eremaea</i>	Dryland Purslane			LC	0	LC	0	LC	0	LC	0	LC	0
PORTULACACEAE	<i>Calandrinia granulifera</i>	Pigmy Purslane			LC	0	NT	0			LC	0	LC	0
CUPRESSACEAE	<i>Callitris verrucosa</i>	Scrub Cypress Pine			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Calotis erinacea</i>	Tangled Burr-daisy			LC	0	NT	DD	LC	0	LC	0	LC	0
COMPOSITAE	<i>Calotis hispidula</i>	Hairy Burr-daisy			LC	0	LC	0	LC	0	LC	0	LC	0
MYRTACEAE	<i>Calytrix tetragona</i>	Common Fringe-myrtle			LC	0					LC	0	LC	0
AIZOACEAE	<i>Carpobrotus modestus</i>	Inland Pigface			LC	0	RA	0	LC	0	LC	0	LC	0
LAURACEAE	<i>Cassytha glabella forma dispar</i>	Slender Dodder-laurel			LC	0					NT	0	LC	0
LAURACEAE	<i>Cassytha melanantha</i>	Coarse Dodder-laurel			LC	0	LC	0	NT	DD	LC	0	LC	0
LAURACEAE	<i>Cassytha pubescens</i>	Dow ny Dodder-laurel			LC	0					LC	0	LC	0
EUPHORBIACEAE	<i>Chamaesyce drummondii</i>				LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Chenopodium curvispicatum</i>	Cottony Goosefoot			LC	0	LC	0	LC	0	LC	0	RA	DD
CHENOPODIACEAE	<i>Chenopodium desertorum ssp. desertorum</i>	Frosted Goosefoot			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Chrysocephalum apiculatum</i>	Common Everlasting			LC	0	LC	0	LC	0	LC	0	LC	0
RANUNCULACEAE	<i>Clematis microphylla</i>	Old Man's Beard			LC	0					LC	0	LC	0
POLYGALACEAE	<i>Comesperma volubile</i>	Love Creeper			LC	0					LC	0	NT	0
CONVOLVULACEAE	<i>Convolvulus remotus</i>	Grassy Bindweed			LC	0	LC	0	LC	0	LC	0	NT	0
RUTACEAE	<i>Correa glabra var. turnbullii</i>	Rock Correa			LC	0					LC	0		
COMPOSITAE	<i>Cotula australis</i>	Common Cotula			LC	0			LC	0	LC	0	NT	0
CRASSULACEAE	<i>Crassula colligata ssp. lamprosperma</i>				LC	0	NT	DD			LC	0	LC	0
CRASSULACEAE	<i>Crassula colorata var. acuminata</i>	Dense Crassula			LC	0	LC	0	LC	0	LC	0	LC	0
CRASSULACEAE	<i>Crassula decumbens var. decumbens</i>	Spreading Crassula			LC	0					LC	0	LC	0
CRASSULACEAE	<i>Crassula tetramera</i>	Australian Stonecrop			LC	0	LC	0	LC	0	LC	0	LC	0
CONVOLVULACEAE	<i>Cressa australis</i>	Rosinweed			LC	0			LC	0	NT	-		
UMBELLIFERAE	<i>Daucus glochidiatus</i>	Native Carrot			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Daviesia brevifolia</i>	Leafless Bitter-pea			LC	0					NT	0	LC	0
LILIAEAE	<i>Dianella revoluta var. revoluta</i>	Black-anther Flax-lily			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Dillwynia hispida</i>	Red Parrot-pea			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Dillwynia uncinata</i>	Silky Parrot-pea			LC	0					LC	0	LC	0
AIZOACEAE	<i>Disphyma crassifolium ssp. clavellatum</i>	Round-leaf Pigface			LC	0	LC	0	LC	0	LC	0		
GRAMINEAE	<i>Distichlis distichophylla</i>	Emu-grass			LC	0			LC	0	LC	0		
SAPINDACEAE	<i>Dodonaea bursariifolia</i>	Small Hop-bush			LC	0	LC	0	NT	0	LC	0	LC	0
SAPINDACEAE	<i>Dodonaea hexandra</i>	Horned Hop-bush			LC	0					LC	0	LC	0
DROSERACEAE	<i>Drosera macrantha ssp. planchonii</i>	Climbing Sundew			LC	0					LC	0	LC	0
COMPOSITAE	<i>Eclipta platyglossa</i>	Yellow Tw in-heads			LC	0			LC	0	LC	0		
CYPERACEAE	<i>Eleocharis acuta</i>	Common Spike-rush			LC	0			LC	0	LC	0	LC	0
CHENOPODIACEAE	<i>Enchylaena tomentosa var. tomentosa</i>	Ruby Saltbush			LC	0	LC	0	LC	0	LC	0	LC	0
MYOPORACEAE	<i>Eremophila crassifolia</i>	Thick-leaf Emubush			LC	0	LC	0	NT	0	LC	0	LC	0
MYOPORACEAE	<i>Eremophila glabra ssp. glabra</i>	Tar Bush			LC	0	LC	0	NT	0	LC	0	NT	0
MYOPORACEAE	<i>Eremophila scoparia</i>	Broom Emubush			LC	0	LC	0	NT	0	LC	0		
CHENOPODIACEAE	<i>Eriochiton sclerolaenoides</i>	Woolly-fruit Bluebush			LC	0	LC	0	LC	0	LC	0		
GERANIACEAE	<i>Erodium crinitum</i>	Blue Heron's-bill			LC	0	LC	0	LC	0	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus arenacea</i>	Dune Stringybark			LC	0							LC	0
MYRTACEAE	<i>Eucalyptus calycogona ssp. trachybasis</i>	Square-fruit Mallee			LC	0					LC	0	LC	0
MYRTACEAE	<i>Eucalyptus dumosa</i>	White Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus gracilis</i>	Yorrell			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus incrassata</i>	Ridge-fruited Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus leptophylla</i>	Narrow-leaf Red Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus oleosa ssp. oleosa</i>	Red Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus socialis ssp. socialis</i>	Beaked Red Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus yalataensis</i>	Yalata Mallee			LC	0					LC	0		
COMPOSITAE	<i>Euchiton sphaericus</i>	Annual Cudweed			LC	0	RA	DD	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Eutaxia microphylla</i>	Common Eutaxia			LC	0	LC	0	NT	0	LC	0	LC	0
SANTALACEAE	<i>Exocarpos aphyllus</i>	Leafless Cherry			LC	0	LC	0	LC	0	LC	0	RA	DD
CYPERACEAE	<i>Ficinia nodosa</i>	Knobby Club-rush			LC	0					NT	0	LC	0
CYPERACEAE	<i>Gahnia deusta</i>	Limestone Saw-sedge			LC	0					LC	0	LC	0
CYPERACEAE	<i>Gahnia lanigera</i>	Black Grass Saw-sedge			LC	0	NT	DD			LC	0	LC	0
LEGUMINOSAE	<i>Gompholobium ecostatum</i>	Dwarf Wedge-pea			LC	0							LC	0
GOODENIACEAE	<i>Goodenia blackiana</i>	Native Primrose			LC	0							LC	0
GOODENIACEAE	<i>Goodenia robusta</i>	Woolly Goodenia			LC	0	NT	0			LC	0	LC	0
GOODENIACEAE	<i>Goodenia varia</i>	Sticky Goodenia			LC	0	LC	0	RA	DD	LC	0	LC	0
GOODENIACEAE	<i>Goodenia willisiana</i>	Silver Goodenia			LC	0	LC	0	RA	DD	LC	0	LC	0
PROTEACEAE	<i>Hakea mitchellii</i>	Heath Needlebush			LC	0	DD	DD			NT	-	LC	0
BORAGINACEAE	<i>Halgania cyanea</i>	Rough Blue-flower			LC	0	LC	0			LC	0	LC	0
BORAGINACEAE	<i>Heliotropium europaeum</i>	Common Heliotrope			LC	0	LC	0	LC	0	LC	0		
DILLENIACEAE	<i>Hibbertia riparia</i>	Bristly Guinea-flower			LC	0					LC	0	LC	0
DILLENIACEAE	<i>Hibbertia sericea</i>	Silky Guinea-flower			LC	0					LC	0	LC	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
DILLENIACEAE	<i>Hibbertia sp. Glabriuscula (D.J.Whibley 9012)</i>	Smooth Guinea-flow er			LC	0					LC	0	LC	0
UMBELLIFERAE	<i>Hydrocotyle laxiflora</i>	Stinking Pennyw ort			LC	0							LC	0
UMBELLIFERAE	<i>Hydrocotyle rugulosa</i>	Mallee Pennyw ort			LC	0					LC	0	NT	0
UMBELLIFERAE	<i>Hydrocotyle verticillata</i>	Shield Pennyw ort			LC	0					LC	0		
HYPOXIDACEAE	<i>Hypoxis glabella var. glabella</i>	Tiny Star			LC	0					LC	0	LC	0
JUNCEAE	<i>Juncus aridicola</i>	Inland Rush			LC	0			LC	0	LC	0		
GRAMINEAE	<i>Lachnagrostis filiformis</i>	Common Blow n-grass			LC	0	LC	0	LC	0	LC	+	LC	0
STERCULIACEAE	<i>Lasiopetalum baueri</i>	Slender Velvet-bush			LC	0					LC	0	LC	0
STERCULIACEAE	<i>Lasiopetalum behrii</i>	Pink Velvet-bush			LC	0	NT	0			LC	0	LC	0
MALVACEAE	<i>Lawrenzia squamata</i>	Thorny Law rencia			LC	0	LC	0	NT	0	LC	0		
LILIAEAE	<i>Laxmannia orientalis</i>	Dw arf Wire-lily			LC	0					NT	0	LC	0
COMPOSITAE	<i>Lemooria burkittii</i>	Wires-and-w ool			LC	0	LC	0						
CRUCIFERAE	<i>Lepidium pseudohyssopifolium</i>				LC	0			LC	0	LC	0		
CYPERACEAE	<i>Lepidosperma carphoides</i>	Black Rapier-sedge			LC	0					LC	0	LC	0
CYPERACEAE	<i>Lepidosperma viscidum</i>	Sticky Sw ord-sedge			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Leptospermum coriaceum</i>	Dune Tea-tree			LC	0	NT	0			LC	0	LC	0
EPACRIDACEAE	<i>Leucopogon cordifolius</i>	Heart-leaf Beard-heath			LC	0					LC	0	LC	0
EPACRIDACEAE	<i>Leucopogon ericoides</i>	Pink Beard-heath			LC	0							LC	0
EPACRIDACEAE	<i>Leucopogon rufus</i>	Ruddy Beard-heath			LC	0					LC	0	LC	0
LOGANIACEAE	<i>Logania linifolia</i>	Flax-leaf Logania			LC	0					LC	0	LC	0
LILIAEAE	<i>Lomandra effusa</i>	Scented Mat-rush			LC	0	LC	0	RA	DD	LC	0	LC	0
LILIAEAE	<i>Lomandra juncea</i>	Desert Mat-rush			LC	0					LC	0	LC	0
LILIAEAE	<i>Lomandra leucocephala ssp. robusta</i>	Woolly Mat-rush			LC	0	LC	0	LC	0	LC	0	LC	0
LILIAEAE	<i>Lomandra micrantha ssp. micrantha</i>	Small-flow er Mat-rush			LC	0					NT	0	LC	0
SOLANACEAE	<i>Lycium australe</i>	Australian Boxthorn			LC	0	LC	0	NT	0	LC	0		
LORANTHACEAE	<i>Lysiana exocarpi ssp. exocarpi</i>	Harlequin Mistletoe			LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Maireana enchylaenoides</i>	Wingless Fissure-plant			LC	0			RE		LC	0	NT	0
CHENOPODIACEAE	<i>Maireana erioclada</i>	Rosy Bluebush			LC	0	LC	0	LC	0	LC	0	RA	DD
CHENOPODIACEAE	<i>Maireana pentatropis</i>	Erect Mallee Bluebush			LC	0	LC	0	LC	0	LC	0	RA	0
CHENOPODIACEAE	<i>Maireana pyramidata</i>	Black Bluebush			LC	0	LC	0	LC	0	LC	0		
MALVACEAE	<i>Malva preissiana</i>	Australian Hollyhock			LC	0			LC	0	LC	0		
MYRTACEAE	<i>Melaleuca acuminata ssp. acuminata</i>	Mallee Honey-myrtle			LC	0					LC	0	LC	0
MYRTACEAE	<i>Melaleuca lanceolata</i>	Dryland Tea-tree			LC	0	LC	0	LC	0	LC	0	LC	0
MYRTACEAE	<i>Melaleuca uncinata</i>	Broombush			LC	0					LC	0	LC	0
CRUCIFERAE	<i>Microlepidium pilosulum</i>	Hairy Shepherd's-purse	R		LC	0					LC	0		
COMPOSITAE	<i>Millotia muelleri</i>	Common Bow -flow er			LC	0	LC	0	LC	0	LC	0	LC	0
SCROPHULARIACEAE	<i>Mimulus repens</i>	Creeping Monkey-flow er			LC	0			LC	0	LC	0		
MYOPORACEAE	<i>Myoporum montanum</i>	Native Myrtle			LC	0			LC	0	LC	0		
MYOPORACEAE	<i>Myoporum parvifolium</i>	Creeping Boobialla	R		LC	0			LC	0	NT	0		
GRAMINEAE	<i>Neurachne alopecuroidea</i>	Fox-tail Mulga-grass			LC	0					LC	0	LC	0
SOLANACEAE	<i>Nicotiana goodspeedii</i>	Small-flow er Tobacco			LC	0	LC	0	LC	0	LC	0		
COMPOSITAE	<i>Olearia brachyphylla</i>	Short-leaf Daisy-bush			LC	0					LC	0		
COMPOSITAE	<i>Olearia ciliata var. ciliata</i>	Fringed Daisy-bush			LC	0					NT	-	LC	0
COMPOSITAE	<i>Olearia lanuginosa</i>	Woolly Daisy-bush			LC	0					LC	0	LC	0
COMPOSITAE	<i>Olearia pimeleoides ssp. pimeleoides</i>	Pimelea Daisy-bush			LC	0	LC	0	LC	0	LC	0	RA	DD
RUBIACEAE	<i>Opercularia scabrata</i>	Stalked Stinkw eed			LC	0					NT	0	LC	0
CHENOPODIACEAE	<i>Osteocarpum acropterum var. acropterum</i>	Tuberculate Bonefruit			LC	0	NT	0	LC	0				
OXALIDACEAE	<i>Oxalis perennans</i>	Native Sorrel			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Ozothamnus decurrens</i>	Ridged Bush-everlasting			LC	0					LC	0	LC	0
GERANIACEAE	<i>Pelargonium rodneyanum</i>	Magenta Pelargonium			LC	0							LC	0
THYMELAEACEAE	<i>Pimelea glauca</i>	Smooth Riceflow er			LC	0					NT	0	LC	0
THYMELAEACEAE	<i>Pimelea octophylla</i>	Woolly Riceflow er			LC	0					LC	0	LC	0
THYMELAEACEAE	<i>Pimelea stricta</i>	Erect Riceflow er			LC	0					LC	0	LC	0
PLANTAGINACEAE	<i>Plantago sp. B (R.Bates 44765)</i>	Little Plantain			LC	0	LC	0			LC	0	LC	0
COMPOSITAE	<i>Podolepis capillaris</i>	Wiry Podolepis			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Podotheca angustifolia</i>	Sticky Long-heads			LC	0	LC	0	RA	0	LC	0	LC	0
COMPOSITAE	<i>Pogonolepis muelleriana</i>	Stiff Cup-flow er			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Polycalymma stuartii</i>	Poached-egg Daisy			LC	0	NT	0	LC	0	LC	0	LC	0
POTAMOGETONACEAE	<i>Potamogeton crispus</i>	Curly Pondw eed			LC	0			LC	0	LC	0		
LABIATAE	<i>Prostanthera aspalathoides</i>	Scarlet Mintbush			LC	0	LC	0	RA	-	LC	0	LC	0
COMPOSITAE	<i>Pseudognaphalium luteoalbum</i>	Jersey Cudw eed			LC	0	NT	0	LC	0	LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis aff. nana mallee</i>	Mallee Dw arf Greenhood			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis dolichochila</i>	Mallee Shell-orchid			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis nana</i>	Dw arf Greenhood			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis sanguinea</i>	Blood Greenhood			LC	0					LC	0	LC	0
AMARANTHACEAE	<i>Ptilotus obovatus var. obovatus</i>	Silver Mulla Mulla			LC	0	LC	0						
AMARANTHACEAE	<i>Ptilotus seminudus</i>	Rabbit-tails			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Pultenaea densifolia</i>	Dense Bush-pea			LC	0					NT	0	LC	0
LEGUMINOSAE	<i>Pultenaea tenuifolia</i>	Narrow -leaf Bush-pea			LC	0					LC	0	LC	0
CHENOPODIACEAE	<i>Rhagodia crassifolia</i>	Fleshy Saltbush			LC	0					LC	0	NT	0

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olay Plain Status	South Olay Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CHENOPODIACEAE	<i>Rhagodia spinescens</i>	Spiny Saltbush			LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Rhagodia ulicina</i>	Intricate Saltbush			LC	0	LC	0	LC	0	LC	0		
COMPOSITAE	<i>Rhodanthe pygmaea</i>	Pigmy Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Rhodanthe stuartiana</i>	Clay Everlasting			LC	0	LC	0	NT	-	LC	0		
CHENOPODIACEAE	<i>Salsola tragus</i>	Buckbush			LC	0	LC	0	LC	0	LC	0	LC	0
PRIMULACEAE	<i>Sarcocolla repens</i>	Creeping Brookweed			LC	0					LC	0		
GOODENIACEAE	<i>Scaevola spinescens</i>	Spiny Fanflower			LC	0	LC	0	LC	0	LC	0		
GENTIANACEAE	<i>Schenkia australis</i>	Spike Centaury			LC	0	LC	0					LC	0
CYPERACEAE	<i>Schoenoplectus pungens</i>	Spiky Club-rush			LC	0					LC	0		
CYPERACEAE	<i>Schoenoplectus validus</i>	River Club-rush			LC	0			LC	0	LC	0		
CYPERACEAE	<i>Schoenus breviculmis</i>	Matted Bog-rush			LC	0					LC	0	LC	0
CHENOPODIACEAE	<i>Sclerolaena diacantha</i>	Grey Bindyi			LC	0	LC	0	LC	0	LC	0	LC	0
CHENOPODIACEAE	<i>Sclerolaena parviflora</i>	Small-flower Bindyi			LC	0	LC	0	NT	0	LC	0	LC	0
CHENOPODIACEAE	<i>Sclerolaena patentiscuspis</i>	Spear-fruit Bindyi			LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Sclerolaena uniflora</i>	Small-spine Bindyi			LC	0	LC	0	DD	DD	LC	0		
COMPOSITAE	<i>Senecio glossanthus</i>	Annual Groundsel			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Senecio quadridentatus</i>	Cotton Groundsel			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Senecio runcinifolius</i>	Thistle-leaf Groundsel			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Senecio spanomerus</i>				LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Senna artemisioides ssp. artemisioides</i>	Silver Senna			LC	0	LC	0			DD	DD		
LEGUMINOSAE	<i>Senna artemisioides ssp. coriacea</i>	Broad-leaf Desert Senna			LC	0	LC	0	NT	0	LC	0	NT	0
LEGUMINOSAE	<i>Senna artemisioides ssp. filifolia</i>	Fine-leaf Desert Senna			LC	0	LC	0			LC	0		
LEGUMINOSAE	<i>Senna artemisioides ssp. petiolaris</i>				LC	0	LC	0	NT	0	LC	0		
COMPOSITAE	<i>Siloxerus multiflorus</i>	Small Wrinklewort			LC	0					LC	0	LC	0
GRAMINEAE	<i>Sporobolus virginicus</i>	Salt Couch			LC	0			LC	0	LC	0		
RHAMNACEAE	<i>Spyridium eriocephalum var. eriocephalum</i>	Heath Spyridium			LC	0					LC	0	LC	0
STACCKHOUSIACEAE	<i>Stachhouisia aspericocca ssp. One-sided inflorescence</i>	One-sided Candles			LC	0					LC	0	LC	0
SCROPHULARIACEAE	<i>Stemodia florulenta</i>	Bluerod			LC	0	LC	0	LC	0	LC	0		
CRUCIFERAE	<i>Stenopetalum lineare</i>	Narrow Thread-petal			LC	0	LC	0	NT	-	LC	0	NT	DD
CRUCIFERAE	<i>Stenopetalum sphaerocarpum</i>	Round-fruit Thread-petal			LC	0	LC	0	RA	DD	LC	0	LC	0
CHENOPODIACEAE	<i>Suaeda australis</i>	Austral Seablite			LC	0			LC	0	LC	0		
AIZOACEAE	<i>Tetragonia eremaea</i>	Desert Spinach			LC	0	LC	0	LC	0	LC	0		
TREMANDRACEAE	<i>Tetradlea ciliata</i>	Pink-bells			LC	0							LC	0
LABIATAE	<i>Teucrium racemosum</i>	Grey Germander			LC	0	LC	0	LC	0	LC	0	NT	0
STERCULIACEAE	<i>Thomasia petalocalyx</i>	Paper-flower			LC	0					NT	0	LC	0
CHENOPODIACEAE	<i>Threlkeldia diffusa</i>	Coast Bonefruit			LC	0			LC	0	NT	0		
LILIAEAE	<i>Thysanotus baueri</i>	Mallee Fringe-lily			LC	0	LC	0	NT	0	LC	0	LC	0
LILIAEAE	<i>Thysanotus patersonii</i>	Twining Fringe-lily			LC	0					LC	0	LC	0
UMBELLIFERAE	<i>Trachymene cyanopetala</i>	Purple Trachymene			LC	0	DD	DD	DD	DD	LC	0	LC	0
UMBELLIFERAE	<i>Trachymene pilosa</i>	Dwarf Trachymene			LC	0					LC	0	LC	0
LILIAEAE	<i>Tricoryne tenella</i>	Tufted Yellow Rush-lily			LC	0					LC	0	LC	0
GRAMINEAE	<i>Triodia scariosa</i>	Spinifex			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Triptilodiscus pygmaeus</i>	Small Yellow-heads			LC	0	LC	0	LC	0	NT	-	NT	-
HYDROCHARITACEAE	<i>Vallisneria australis</i>	River Eel-grass			LC	0			LC	0	LC	0		
COMPOSITAE	<i>Vittadinia cervicalis var. cervicalis</i>	Waisted New Holland Daisy			LC	0	LC	0	LC	0	LC	0	RA	DD
COMPOSITAE	<i>Vittadinia cuneata var. cuneata forma cuneata</i>	Fuzzy New Holland Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Vittadinia dissecta var. hirta</i>	Dissected New Holland Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Vittadinia gracilis</i>	Woolly New Holland Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
CAMPANULACEAE	<i>Wahlenbergia communis</i>	Tufted Bluebell			LC	0			LC	0	LC	0	NT	DD
CAMPANULACEAE	<i>Wahlenbergia fluminalis</i>	River Bluebell			LC	0			LC	0	NT	0		
CAMPANULACEAE	<i>Wahlenbergia gracilentata</i>	Annual Bluebell			LC	0	LC	0	LC	0	LC	0	LC	0
CAMPANULACEAE	<i>Wahlenbergia luteola</i>	Yellow-wash Bluebell			LC	0					LC	0		
LABIATAE	<i>Westringia eremicola</i>	Slender Westringia			LC	0					LC	0	NT	DD
LABIATAE	<i>Westringia rigida</i>	Stiff Westringia			LC	0	LC	0	RA	-	LC	0	LC	0
LILIAEAE	<i>Wurmbea dioica ssp. brevifolia</i>	Early Nancy			LC	0					LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum ammophilum</i>	Sand Twineaf			LC	0	LC	0	LC	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum angustifolium</i>	Scrambling Twineaf			LC	0	LC	0	NT	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum apiculatum</i>	Pointed Twineaf			LC	0	LC	0	LC	0	LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum aurantiacum ssp. aurantiacum</i>	Shrubby Twineaf			LC	0	LC	0	LC	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum glaucum</i>	Pale Twineaf			LC	0	LC	0	LC	0	LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum iodocarpum</i>	Violet Twineaf			LC	0	LC	0	NT	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum ovatum</i>	Dwarf Twineaf			LC	0	LC	0	NT	0	LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum simile</i>	White Twineaf			LC	0	LC	0	LC	0	LC	0	RA	DD
LEGUMINOSAE	<i>Acacia ligulata</i>	Umbrella Bush			LC	+	LC	+	LC	+	LC	+	LC	+
LEGUMINOSAE	<i>Acacia longifolia ssp. sophorae</i>	Coastal Wattle			LC	+					LC	+	LC	+
CHENOPODIACEAE	<i>Atriplex stipitata</i>	Bitter Saltbush			LC	+	LC	+	LC	+	LC	+	RA	+
GRAMINEAE	<i>Bothriochloa macra</i>	Red-leg Grass	R		LC	+			LC	+	LC	+	NT	+
CHENOPODIACEAE	<i>Dissocarpus paradoxus</i>	Ball Bindyi			LC	+	LC	+	LC	+	LC	+		
SAPINDACEAE	<i>Dodonaea viscosa ssp. angustissima</i>	Narrow-leaf Hop-bush			LC	+	LC	+	LC	+	LC	+	NT	DD
SAPINDACEAE	<i>Dodonaea viscosa ssp. spatulata</i>	Sticky Hop-bush			LC	+					NT	0	LC	++

Appendix 12 a). Flora species list for the entire project area, in order of most to least threatened (Regional Status + Trend), then Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
GRAMINEAE	<i>Enneapogon nigricans</i>	Black-head Grass			LC	+			LC	+	LC	+		
MYOPORAEAE	<i>Eremophila divaricata</i> ssp. <i>divaricata</i>	Spreading Emubush			LC	+			LC	+	LC	+		
FRANKENIACEAE	<i>Frankenia pauciflora</i> var. <i>gunnii</i>	Southern Sea-heath			LC	+			LC	+				
LYTHRAEAE	<i>Lythrum hyssopifolia</i>	Lesser Loosestrife			LC	+			LC	+	LC	+	LC	0
CHENOPODIAEAE	<i>Maireana brevifolia</i>	Short-leaf Bluebush			LC	+	LC	+	LC	+	LC	+	LC	+
ZYGOPHYLLACEAE	<i>Nitratia billardierei</i>	Nitre-bush			LC	+	LC	+	LC	+	LC	+		
CHENOPODIAEAE	<i>Sclerolaena divaricata</i>	Tangled Bindyi			LC	+	LC	+	NT	+				
CHENOPODIAEAE	<i>Sclerolaena obliquicuspis</i>	Oblique-spined Bindyi			LC	+	LC	+	LC	+	LC	+		
TYPHAEAE	<i>Typha domingensis</i>	Narrow-leaf Bulrush			LC	+			LC	+	LC	0		
TYPHAEAE	<i>Typha orientalis</i>	Broad-leaf Bulrush			LC	+					LC	+		
ORCHIDACEAE	<i>Prasophyllum elatum</i>	Tall Leek-orchid			LC	DD					DD	DD	LC	DD
NYCTAGINACEAE	<i>Boerhavia coccinea</i>	Tar-vine			DD	DD			DD	DD	DD	DD		
NYCTAGINACEAE	<i>Boerhavia schomburgkiana</i>	Schomburgk's Tar-vine			DD	DD					DD	DD		
RHAMNACEAE	<i>Cryptandra myriantha</i>	Heath Cryptandra			DD	DD							DD	DD
MYRTACEAE	<i>Eucalyptus cosmophylla</i>	Cup Gum			DD	DD					DD	DD		
GRAMINEAE	<i>Glyceria australis</i>	Australian Sw eet-grass			DD	DD					DD	DD		
LABIATAE	<i>Mentha diemenica</i>	Slender Mint	R		DD	DD					DD	DD		
COMPOSITAE	<i>Myriocephalus rhizocephalus</i> var. <i>rhizocephalus</i>	Woolly-heads			DD	DD	DD	DD			DD	DD	DD	DD
PORTULACACEAE	<i>Portulaca oleracea</i>	Common Purslane			DD	DD					DD	DD		
ORCHIDACEAE	<i>Prasophyllum constrictum</i>	Taw ny Leek-orchid	R		DD	DD					DD	DD		
LABIATAE	<i>Prostanthera striatiflora</i>	Striated Mintbush			DD	DD	DD	DD						
COMPOSITAE	<i>Rhodanthe stricta</i>	Slender Everlasting			DD	DD	DD	DD			DD	DD		
CYPERACEAE	<i>Schoenus sculptus</i>	Gimlet Bog-rush	R		DD	DD							DD	DD
CHENOPODIAEAE	<i>Sclerolaena birchii</i>	Galvanised Burr			DD	DD					DD	DD		
COMPOSITAE	<i>Senecio gregorii</i>	Fleshy Groundsel			DD	DD	DD	DD			DD	DD		
COMPOSITAE	<i>Senecio productus</i> ssp. <i>productus</i>	Annual Groundsel			DD	DD			DD	DD				
GRAMINEAE	<i>Setaria clementii</i>	Clement's Paspalidium			DD	DD			DD	DD				
UMBELLIFERAE	<i>Trachymene thysanocarpa</i>	Native Parsnip	R*		DD	DD					DD	DD		
COMPOSITAE	<i>Vittadinia eremaea</i>	Desert New Holland Daisy			DD	DD					DD	DD		
ZYGOPHYLLACEAE	<i>Zygophyllum compressum</i>	Rabbit-ears Tw inleaf			DD	DD	DD	DD			DD	DD		
COMPOSITAE	<i>Asteridea athrixioides</i> forma <i>horripes</i>	Wirewort			NE						NE			
PITTIOSPORACEAE	<i>Billardiera cymosa</i> ssp. <i>pseudocymosa</i>	Sw eet Apple-berry			NE		NE				NE			
RUTACEAE	<i>Correa reflexa</i> var. <i>reflexa</i>	Common Correa			NE								NE	
COMPOSITAE	<i>Craspedia haplorrhiza</i>	Billy-buttons			NE				NE	NE				
GRAMINEAE	<i>Echinochloa inundata</i>	Channel Millet			NE				NE					
MYRTACEAE	<i>Eucalyptus wimmerensis</i>	Wimmera Mallee	R		NE								NE	
COMPOSITAE	<i>Euchiton involucreatus</i>	Star Cudweed			NE						NE			
AIZOACEAE	<i>Glinus oppositifolia</i>	Slender Carpet-weed			NE				NE					
CRUCIFERAE	<i>Lepidium pseudotasmanicum</i>	Shade Peppergrass	V		NE				NE		NE			
COMPOSITAE	<i>Millotia tenuifolia</i> var. <i>nudescens</i>	Soft Millotia			NE						NE			
COMPOSITAE	<i>Olearia floribunda</i> var. <i>floribunda</i>	Heath Daisy-bush			NE		NE				NE		NE	
COMPOSITAE	<i>Olearia minor</i>	Heath Daisy-bush			NE		NE				NE			
CRUCIFERAE	<i>Phlegmatospermum cochlearinum</i>	Dow ny Cress			NE						NE			
EUPHORBIACEAE	<i>Phyllanthus maderaspatensis</i> var. <i>angustifolius</i>				NE				NE					
ORCHIDACEAE	<i>Prasophyllum odoratum</i>	Scented Leek-orchid			NE						NE		NE	
EUPHORBIACEAE	<i>Sauropus trachyspermus</i>	Rough-seed Spurge			NE				NE					
GRAMINEAE	<i>Triodia bunicola</i>	Flinders Ranges Spinifex			NE				NE		NE		NE	
GRAMINEAE	<i>Triodia compacta</i>	Spinifex			NE				NE		NE			
GRAMINEAE	<i>Triodia irritans</i>	Spinifex			NE		NE		NE		NE		NE	
COMPOSITAE	<i>Vittadinia australasica</i> var. <i>subglabra</i>	New Holland Daisy			NE						NE			
COMPOSITAE	<i>Vittadinia cuneata</i> var. <i>morrisii</i>	New Holland Daisy			NE		NE		NE		NE			
COMPOSITAE	<i>Vittadinia cuneata</i> var. <i>murrayensis</i>	Murray New Holland Daisy			NE				NE		NE			
CAMPANULACEAE	<i>Wahlenbergia aridicola</i>	Dryland Bluebell			NE		NE		NE		NE			

Appendix 12. b). Flora species list for the project area, in alphabetical order of Scientific Name. Status ratings and trends are shown for the Murraylands Region (shaded), and each IBRA subregion, plus current ratings under the EPBC Act 1999 and NPW Act 1972.

- **Regional Status Codes:** RE = regionally extinct; CR = critically endangered; EN = endangered; VU = vulnerable; RA = rare; NT = near threatened; LC = least concern; DD = data deficient; NE = not evaluated.
- **Regional Trend Codes:** -- = definite decline; - = probable decline; 0 = stable/no change; + = probable increase; ++ = definite increase; DD = data deficient.
- **EPBC Status Codes:** EX = extinct; CR = critically endangered; EN = endangered; VU = vulnerable.
- **NPW Status Codes:** X = extinct, E = endangered; V = vulnerable, R = rare.

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
MALVACEAE	<i>Abutilon fraseri</i> ssp. <i>diplotrichum</i>	Dwarf Lantern-bush			VU	DD					VU	DD		
MALVACEAE	<i>Abutilon otoparum</i>	Desert Lantern-bush			NT	0	NT	0	LC	0	VU	DD		
LEGUMINOSAE	<i>Acacia acanthoclada</i> ssp. <i>acanthoclada</i>	Harrow Wattle			LC	0	LC	0	RA	-	LC	0	LC	0
LEGUMINOSAE	<i>Acacia acinacea</i>	Wreath Wattle			RA	0	RA	DD	RE		VU	-	NT	0
LEGUMINOSAE	<i>Acacia ancistrophylla</i> var. <i>lissophylla</i>	Hook-leaf Wattle			EN	-					EN	-	EN	-
LEGUMINOSAE	<i>Acacia aneura</i> var. <i>aneura</i>	Mulga			RA	-	RA	-						
LEGUMINOSAE	<i>Acacia aneura</i> var. <i>intermedia</i>	Broad-leaf Mulga			RA	-	RA	-						
LEGUMINOSAE	<i>Acacia argyrophylla</i>	Silver Mulga-bush			LC	0					LC	0		
LEGUMINOSAE	<i>Acacia brachybotrya</i>	Grey Mulga-bush			NT	0	LC	0	RA	-	LC	0	RA	-
LEGUMINOSAE	<i>Acacia burkittii</i>	Pin-bush Wattle			LC	0	LC	0						
LEGUMINOSAE	<i>Acacia calamifolia</i>	Wallow a			RA	0					RA	0		
LEGUMINOSAE	<i>Acacia colletioides</i>	Veined Wait-a-while			NT	0	LC	0	RA	-	LC	0		
LEGUMINOSAE	<i>Acacia cupularis</i>	Cup Wattle			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Acacia dodonaeifolia</i>	Hop-bush Wattle		R	RA	0					RA	0		
LEGUMINOSAE	<i>Acacia enterocarpa</i>	Jumping-jack Wattle	EN	E	EN	-							EN	-
LEGUMINOSAE	<i>Acacia euthycarpa</i>	Wallow a			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Acacia farinosa</i>	Mealy Wattle			NT	0					RA	-	LC	0
LEGUMINOSAE	<i>Acacia glandulicarpa</i>	Hairy-pod Wattle	VU	E	CR	-							CR	-
LEGUMINOSAE	<i>Acacia hakeoides</i>	Hakea Wattle			LC	0	LC	0	RA	-	LC	0	LC	0
LEGUMINOSAE	<i>Acacia halliana</i>	Hall's Wattle			NT	0	RA	DD			LC	0	LC	0
LEGUMINOSAE	<i>Acacia leiophylla</i>	Coast Golden Wattle			LC	0							LC	0
LEGUMINOSAE	<i>Acacia ligulata</i>	Umbrella Bush			LC	+	LC	+	LC	+	LC	+	LC	+
LEGUMINOSAE	<i>Acacia lineata</i>	Streaked Wattle		R	RA	-			RA	-	RA	-	RA	DD
LEGUMINOSAE	<i>Acacia loderi</i>	Nealie		R	RA	0	RA	0						
LEGUMINOSAE	<i>Acacia longifolia</i> ssp. <i>sophorae</i>	Coastal Wattle			LC	+					LC	+	LC	+
LEGUMINOSAE	<i>Acacia mearnsii</i>	Black Wattle			RA	0							RA	0
LEGUMINOSAE	<i>Acacia melanoxylon</i>	Blackwood			RA	-					RA	-	RA	-
LEGUMINOSAE	<i>Acacia menzeli</i>	Menzel's Wattle	VU	V	VU	-					VU	-		
LEGUMINOSAE	<i>Acacia microcarpa</i>	Manna Wattle			NT	0	RA	DD			LC	0	LC	0
LEGUMINOSAE	<i>Acacia montana</i>	Mallee Wattle		R	RA	-	RA	DD			VU	-		
LEGUMINOSAE	<i>Acacia myrtifolia</i>	Myrtle Wattle			NT	0							NT	0
LEGUMINOSAE	<i>Acacia notabilis</i>	Notable Wattle			RA	DD	RA	DD			RA	DD	RA	DD
LEGUMINOSAE	<i>Acacia nyssophylla</i>	Spine Bush			LC	0	LC	0	LC	0	LC	0	RA	DD
LEGUMINOSAE	<i>Acacia oswaldii</i>	Umbrella Wattle			LC	0	LC	0	LC	0	LC	0	RA	0
LEGUMINOSAE	<i>Acacia oxycedrus</i>	Spike Wattle			RA	-							RA	-
LEGUMINOSAE	<i>Acacia paradoxa</i>	Kangaroo Thorn			NT	0					RA	-	LC	+
LEGUMINOSAE	<i>Acacia pendula</i>	Weeping Myall		V	CR	DD	CR	DD						
LEGUMINOSAE	<i>Acacia pinguiifolia</i>	Fat-leaf Wattle	EN	E	CR	-					CR	-		
LEGUMINOSAE	<i>Acacia provincialis</i>	Swamp Wattle			RA	DD					RA	DD		
LEGUMINOSAE	<i>Acacia pycnantha</i>	Golden Wattle			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Acacia retinodes</i>	Wirilda			RA	DD					RA	DD		
LEGUMINOSAE	<i>Acacia rheticocarpa</i>	Resin Wattle	VU	V	VU	-					VU	-		
LEGUMINOSAE	<i>Acacia rhigiophylla</i>	Dagger-leaf Wattle		R	CR	-					CR	-		
LEGUMINOSAE	<i>Acacia rigens</i>	Nealie			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Acacia rupicola</i>	Rock Wattle			RA	0					RA	0	RA	0
LEGUMINOSAE	<i>Acacia salicina</i>	Willow Wattle			VU	-			VU	-	VU	-		
LEGUMINOSAE	<i>Acacia sclerophylla</i> var. <i>sclerophylla</i>	Hard-leaf Wattle			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Acacia simmonsiana</i>	Hall's Wattle		R	VU	-					VU	-	EN	-
LEGUMINOSAE	<i>Acacia spinescens</i>	Spiny Wattle			LC	0			RE		LC	0	LC	0
LEGUMINOSAE	<i>Acacia stenophylla</i>	River Cooba			NT	--	RA	DD	NT	--	NT	--		
LEGUMINOSAE	<i>Acacia stricta</i>	Hop Wattle		R	RA	DD							RA	DD
LEGUMINOSAE	<i>Acacia trineura</i>	Three-nerve Wattle		E	CR	--							CR	--
LEGUMINOSAE	<i>Acacia verticillata</i> ssp. <i>ovoidea</i>	Prickly Moses			RA	0					RA	-	RA	0
LEGUMINOSAE	<i>Acacia victoriae</i> ssp. <i>victoriae</i>	Elegant Wattle			RA	0	RA	0	RA	0	LC	0	LC	0
LEGUMINOSAE	<i>Acacia wilhelmiana</i>	Dwarf Nealie			LC	0	LC	0	RA	0	LC	0	LC	0
ROSAEAE	<i>Acaena echinata</i>	Sheep's Burr			NT	0					RA	-	LC	0
ROSAEAE	<i>Acaena novae-zelandiae</i>	Biddy-biddy			RA	0							RA	0
COMPOSITAE	<i>Acanthocladium dockeri</i>	Spiny Everlasting	CR	E	RE				RE					
ORCHIDACEAE	<i>Acianthus caudatus</i>	Mayfly Orchid			RA	DD					RA	DD	RA	DD
ORCHIDACEAE	<i>Acianthus pusillus</i>	Mosquito Orchid			RA	-					RA	-	RA	-

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
EPACRIDACEAE	<i>Acrotriche affinis</i>	Ridged Ground-berry			LC	0					NT	0	LC	0
EPACRIDACEAE	<i>Acrotriche cordata</i>	Blunt-leaf Ground-berry			RA	0					RA	0	RA	0
EPACRIDACEAE	<i>Acrotriche depressa</i>	Native Currant			EN	-					VU	-	CR	DD
EPACRIDACEAE	<i>Acrotriche patula</i>	Prickly Ground-berry			RA	DD					RA	DD	RA	DD
EPACRIDACEAE	<i>Acrotriche serrulata</i>	Cushion Ground-berry			LC	0							LC	0
COMPOSITAE	<i>Actinobole uliginosum</i>	Flannel Cudweed			LC	0	LC	0	LC	0	LC	0	LC	0
PROTEACEAE	<i>Adenanthos terminalis</i>	Yellow Gland-flower			NT	0					RA	-	LC	0
ADIANTACEAE	<i>Adiantum capillus-veneris</i>	Dainty Maiden-hair		V	VU	-					VU	-		
EUPHORBIACEAE	<i>Adriana quadripartita</i>	Coast Bitter-bush			RA	-					RA	-		
LABIATAE	<i>Ajuga australis forma A (A.G. Spooner 9058)</i>	Australian Bugle			RA	0			RA	0	RA	DD	RA	DD
SAPINDACEAE	<i>Alectryon oleifolius ssp. canescens</i>	Bullock Bush			LC	0	LC	0	NT	0	LC	0		
COMPOSITAE	<i>Alliotta cardiocarpa</i>	Swamp Daisy		R	EN	-							EN	-
COMPOSITAE	<i>Alliotta uliginosa</i>	Wet-heath Daisy		R	VU	-							VU	-
CASUARINACEAE	<i>Allocasuarina luehmannii</i>	Bull Oak			VU	-					EN	-	RA	-
CASUARINACEAE	<i>Allocasuarina mackliniana ssp. mackliniana</i>	Macklin's Oak-bush			RA	0							RA	0
CASUARINACEAE	<i>Allocasuarina mackliniana ssp. xerophila</i>	Macklin's Oak-bush			RA	0							RA	0
CASUARINACEAE	<i>Allocasuarina muelleriana ssp. muelleriana</i>	Common Oak-bush			LC	0					LC	0	LC	0
CASUARINACEAE	<i>Allocasuarina paludosa</i>	Swamp Oak-bush			RA	DD							RA	DD
CASUARINACEAE	<i>Allocasuarina pusilla</i>	Dwarf Oak-bush			NT	0					RA	0	LC	0
CASUARINACEAE	<i>Allocasuarina verticillata</i>	Drooping Sheoak			RA	0					RA	-	RA	0
AMARANTHACEAE	<i>Alternanthera denticulata</i>	Lesser Joyweed			NT	-	RA	DD	LC	-	LC	-	RA	-
AMARANTHACEAE	<i>Alternanthera nana</i>	Hairy Joyweed			RA	DD			RA	DD				
AMARANTHACEAE	<i>Alternanthera nodiflora</i>	Common Joyweed			LC	-			LC	-	NT	-		
APOCYNACEAE	<i>Alyxia buxifolia</i>	Sea Box			RA	0					RA	0		
AMARANTHACEAE	<i>Amaranthus grandiflorus</i>	Large-flower Amaranth			VU	-			EN	-	VU	DD		
AMARANTHACEAE	<i>Amaranthus macrocarpus var. macrocarpus</i>	Large-fruit Amaranth			RA	DD			RA	DD				
LYTHRACEAE	<i>Ammannia multiflora</i>	Jerry-jerry			VU	-			VU	-	EN	-		
EUPHORBIACEAE	<i>Amperea xiphoclada var. xiphoclada</i>	Broom Spurge			RE								RE	
GRAMINEAE	<i>Amphibromus macrorhinus</i>	Long-nosed Swamp Wallaby-grass		R	EN	--							EN	--
GRAMINEAE	<i>Amphibromus nervosus</i>	Veined Swamp Wallaby-grass			VU	--	RA	DD	VU	DD	VU	DD	EN	--
GRAMINEAE	<i>Amphipogon caricinus var. caricinus</i>	Long Grey-beard Grass			NT	0	NT	-	RA	DD	LC	0	LC	0
GRAMINEAE	<i>Amphipogon strictus var. setifer</i>	Spreading Grey-beard Grass			RA	DD					RA	DD	RA	DD
LORANTHACEAE	<i>Amyema linophylla ssp. orientale</i>	Casuarina Mistletoe			RA	0	RA	0						
LORANTHACEAE	<i>Amyema melaleucaea</i>	Tea-tree Mistletoe			RA	0					RA	0		
LORANTHACEAE	<i>Amyema miquelii</i>	Box Mistletoe			LC	0	LC	0	LC	0	LC	0	LC	0
LORANTHACEAE	<i>Amyema miraculosa ssp. boormanii</i>	Fleshy Mistletoe			NT	0	DD	DD	RA	DD	LC	0		
LORANTHACEAE	<i>Amyema pendula ssp. pendula</i>	Drooping Mistletoe			RA	0							RA	0
LORANTHACEAE	<i>Amyema preissii</i>	Wire-leaf Mistletoe			LC	0	LC	0	NT	DD	LC	0		
COMPOSITAE	<i>Angianthus preissianus</i>	Salt Angianthus			RA	0					RA	0		
COMPOSITAE	<i>Angianthus tomentosus</i>	Hairy Angianthus			LC	0	LC	0	LC	0	LC	0	RA	0
LEGUMINOSAE	<i>Aotus subspinescens</i>	Mallee Aotus			LC	0	NT	DD			LC	0	LC	0
ROSAEAE	<i>Aphanes australiana</i>	Australian Piert			NT	0					NT	0	NT	0
CENTROLEPIDACEAE	<i>Aphelia gracilis</i>	Slender Aphelia			RA	DD							RA	DD
UMBELLIFERAE	<i>Apium annuum</i>	Annual Celery			RA	-			VU	-	NT	DD		
UMBELLIFERAE	<i>Apium prostratum var. filiforme</i>	Native Celery			NT	DD					NT	DD		
UMBELLIFERAE	<i>Apium prostratum var. prostratum</i>	Native Celery			NT	DD					NT	DD		
RESTIONACEAE	<i>Apodasmia brownii</i>	Coarse Twine-rush			RA	0					RA	DD	RA	0
CRUCIFERAE	<i>Arabidella eremigena</i>	Priddiwalkatji			EN	-			EN	-				
CRUCIFERAE	<i>Arabidella nasturtium</i>	Yellow Cress			RA	0	RA	0	RA	DD	RA	DD		
CRUCIFERAE	<i>Arabidella procumbens</i>	Creeping Cress			RA	DD	RA	DD						
CRUCIFERAE	<i>Arabidella trisecta</i>	Shrubby Cress			NT	0	LC	0	RA	DD	RA	0		
COMPOSITAE	<i>Argentipallium blandowskianum</i>	Woolly Everlasting			NT	0					RA	0	NT	0
COMPOSITAE	<i>Argentipallium obtusifolium</i>	Blunt Everlasting			NT	0					LC	0	RA	-
GRAMINEAE	<i>Aristida behriana</i>	Brush Wire-grass			RA	DD					RA	DD		
GRAMINEAE	<i>Aristida contorta</i>	Curly Wire-grass			NT	0	RA	DD	RA	0	LC	0		
GRAMINEAE	<i>Aristida holathera var. holathera</i>	Tall Kerosene Grass			RA	0	RA	DD	RA	0	RA	DD		
LILIAEAE	<i>Arthropodium fimbriatum</i>	Nodding Vanilla-lily			NT	0					NT	0	NT	0
LILIAEAE	<i>Arthropodium minus</i>	Small Vanilla-lily			NT	0					NT	0	NT	0
LILIAEAE	<i>Arthropodium strictum</i>	Common Vanilla-lily			NT	0			RA	DD	LC	0	LC	0
RUBIAEAE	<i>Asperula conferta</i>	Common Woodruff			RA	-					RA	-	RA	DD
RUBIAEAE	<i>Asperula gemella</i>	Twine-leaf Bedstraw			LC	-			LC	-	LC	-		
RUBIAEAE	<i>Asperula wimmerana</i>				RA	-							RA	-
COMPOSITAE	<i>Asteridea athrixoides forma athrixoides</i>	Wirewort			NT	0			RA	DD	LC	0		
COMPOSITAE	<i>Asteridea athrixoides forma horripes</i>	Wirewort			NE						NE			
EPACRIDACEAE	<i>Astroloma conostephioides</i>	Flame Heath			LC	0					LC	0	LC	0
EPACRIDACEAE	<i>Astroloma humifusum</i>	Cranberry Heath			LC	0					LC	0	LC	0
CHENOPODIACEAE	<i>Atriplex acutibractea ssp. acutibractea</i>	Pointed Saltbush			LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Atriplex acutibractea ssp. karoniensis</i>	Pointed Saltbush			LC	0	DD	DD	DD	DD	LC	0		
CHENOPODIACEAE	<i>Atriplex angulata</i>	Fan Saltbush			RA	DD	RA	DD						
CHENOPODIACEAE	<i>Atriplex australasica</i>			R	VU	-					VU	-		

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CHENOPODIA CEAE	<i>Atriplex eardleyae</i>	Eardley's Saltbush			NT	0	RA	0	LC	0	NT	-		
CHENOPODIA CEAE	<i>Atriplex holocarpa</i>	Pop Saltbush			RA	DD			RA	DD	RA	DD		
CHENOPODIA CEAE	<i>Atriplex leptocarpa</i>	Slender-fruit Saltbush			NT	0	RA	0	LC	0	LC	0		
CHENOPODIA CEAE	<i>Atriplex limbata</i>	Spreading Saltbush			NT	0	RA	DD	LC	0	RA	-		
CHENOPODIA CEAE	<i>Atriplex lindleyi ssp. inflata</i>	Corky Saltbush			RA	DD	RA	DD	RA	DD	RA	DD		
CHENOPODIA CEAE	<i>Atriplex lindleyi ssp. lindleyi</i>	Baloo			NT	0	RA	DD	LC	0	LC	0		
CHENOPODIA CEAE	<i>Atriplex paludosa ssp. cordata</i>	Marsh Saltbush			RA	0					RA	0		
CHENOPODIA CEAE	<i>Atriplex papillata</i>	Coral Saltbush		E	VU	DD					VU	DD		
CHENOPODIA CEAE	<i>Atriplex pseudocampanulata</i>	Spreading Saltbush			RA	-	RA	-	RA	-	RA	DD		
CHENOPODIA CEAE	<i>Atriplex pumilio</i>	Mat Saltbush			RA	DD			RA	DD	RA	DD		
CHENOPODIA CEAE	<i>Atriplex rhagodioides</i>	River Saltbush			NT	0	RA	0	LC	0	LC	0		
CHENOPODIA CEAE	<i>Atriplex semibaccata</i>	Berry Saltbush			LC	0			LC	0	LC	0		
CHENOPODIA CEAE	<i>Atriplex stipitata</i>	Bitter Saltbush			LC	+	LC	+	LC	+	LC	+	RA	+
CHENOPODIA CEAE	<i>Atriplex suberecta</i>	Lagoon Saltbush			NT	0	RA	0	LC	0	LC	0		
CHENOPODIA CEAE	<i>Atriplex velutinella</i>	Sandhill Saltbush			VU	-			VU	-				
CHENOPODIA CEAE	<i>Atriplex vesicaria ssp. calcicola</i>	Bladder Saltbush			NT	-	NT	-	RA	0	NT	-		
CHENOPODIA CEAE	<i>Atriplex vesicaria ssp. macrocystidia</i>	Bladder Saltbush			NT	-					NT	-		
CHENOPODIA CEAE	<i>Atriplex vesicaria ssp. variabilis</i>	Bladder Saltbush			NT	-					NT	-		
GRAMINEAE	<i>Austrodanthonia auriculata</i>	Lobed Wallaby-grass			VU	-							VU	-
GRAMINEAE	<i>Austrodanthonia caespitosa</i>	Common Wallaby-grass			LC	0	NT	-	NT	-	LC	0	LC	0
GRAMINEAE	<i>Austrodanthonia duttoniana</i>	Brown-back Wallaby-grass			VU	-					EN	DD	RA	-
GRAMINEAE	<i>Austrodanthonia eriantha</i>	Hill Wallaby-grass			VU	-					VU	-	VU	-
GRAMINEAE	<i>Austrodanthonia fulva</i>	Leafy Wallaby-grass			VU	-					VU	-	VU	-
GRAMINEAE	<i>Austrodanthonia geniculata</i>	Kneed Wallaby-grass			NT	0					RA	DD	LC	0
GRAMINEAE	<i>Austrodanthonia racemosa var. racemosa</i>	Slender Wallaby-grass			VU	-					VU	-	VU	-
GRAMINEAE	<i>Austrodanthonia setacea</i>	Small-flow er Wallaby-grass			LC	0	RA	DD	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa acrocliliata</i>	Graceful Spear-grass			NT	0	NT	DD			LC	0	RA	DD
GRAMINEAE	<i>Austrostipa blackii</i>	Crested Spear-grass			RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa curticoma</i>	Short-crest Spear-grass			RA	DD					RA	DD	RA	DD
GRAMINEAE	<i>Austrostipa densiflora</i>	Fox-tail Spear-grass		R	RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa drummondii</i>	Cottony Spear-grass			NT	0	RA	DD	LC	0	LC	0	RA	DD
GRAMINEAE	<i>Austrostipa echinata</i>	Spiny Spear-grass		R	RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa elegantissima</i>	Feather Spear-grass			LC	0	LC	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa eremophila</i>	Rusty Spear-grass			NT	0	RA	0	RA	0	LC	0	RA	DD
GRAMINEAE	<i>Austrostipa exilis</i>	Heath Spear-grass			NT	DD					NT	DD	RA	DD
GRAMINEAE	<i>Austrostipa flavescens</i>	Coast Spear-grass			NT	0					LC	0	RA	DD
GRAMINEAE	<i>Austrostipa gibbosa</i>	Swollen Spear-grass		R	RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa hemipogon</i>	Half-beard Spear-grass			LC	0					LC	0	LC	0
GRAMINEAE	<i>Austrostipa macalpinei</i>	Annual Spear-grass			NT	DD							NT	DD
GRAMINEAE	<i>Austrostipa mollis</i>	Soft Spear-grass			LC	0	NE		NE		LC	0	LC	0
GRAMINEAE	<i>Austrostipa multispiculis</i>			R	RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa mundula</i>	Neat Spear-grass			NT	DD					NT	DD		
GRAMINEAE	<i>Austrostipa nitida</i>	Balcarra Spear-grass			LC	0	LC	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa nodosa</i>	Tall Spear-grass			LC	0			LC	0	LC	0		
GRAMINEAE	<i>Austrostipa nullanulla</i>	Club Spear-grass		VU	V	VU	DD	VU	DD					
GRAMINEAE	<i>Austrostipa pilata</i>	Prickly Spear-grass		V	VU	DD					VU	DD		
GRAMINEAE	<i>Austrostipa platychaeta</i>	Flat-awn Spear-grass			NT	0	LC	0	RA	DD	LC	0		
GRAMINEAE	<i>Austrostipa puberula</i>	Fine-hairy Spear-grass			NT	DD					NT	DD	RA	DD
GRAMINEAE	<i>Austrostipa scabra ssp. falcata</i>	Slender Spear-grass			LC	0	RA	DD	LC	0	LC	0	LC	0
GRAMINEAE	<i>Austrostipa scabra ssp. scabra</i>	Rough Spear-grass			LC	0	LC	0	NE		NE			
GRAMINEAE	<i>Austrostipa semibarbata</i>	Fibrous Spear-grass			RA	DD					RA	DD	RA	DD
GRAMINEAE	<i>Austrostipa tenuifolia</i>			R	RA	DD					RA	DD		
GRAMINEAE	<i>Austrostipa trichophylla</i>				RA	DD	DD	DD	RA	DD	RA	DD	RA	DD
GRAMINEAE	<i>Austrostipa tuckeri</i>	Tucker's Spear-grass		R	RA	DD	RA	DD						
AZOLLACEAE	<i>Azolla filiculoides</i>	Pacific Azolla			LC	0			LC	0	LC	0		
AZOLLACEAE	<i>Azolla pinnata</i>	Ferny Azolla			NT	0			LC	0	RA	-		
MYRTACEAE	<i>Babingtonia behrii</i>	Silver Broombush			LC	0					LC	0	LC	0
MYRTACEAE	<i>Baeckea crassifolia</i>	Desert Baeckea			LC	0	LC	DD			LC	0	LC	0
MYRTACEAE	<i>Baeckea ericaea</i>	Mat Baeckea			LC	0							LC	0
PROTEACEAE	<i>Banksia marginata</i>	Silver Banksia			NT	-					VU	-	LC	-
PROTEACEAE	<i>Banksia ornata</i>	Desert Banksia			NT	0					RA	-	LC	0
CYPERACEAE	<i>Baumea acuta</i>	Pale Tw ig-rush		R	VU	DD							VU	DD
CYPERACEAE	<i>Baumea arthropphylla</i>	Swamp Tw ig-rush			VU	DD					VU	DD	VU	DD
CYPERACEAE	<i>Baumea articulata</i>	Jointed Tw ig-rush			RA	DD					RA	DD		
CYPERACEAE	<i>Baumea juncea</i>	Bare Tw ig-rush			LC	0					NT	0	LC	0
CYPERACEAE	<i>Baumea rubiginosa</i>	Soft Tw ig-rush			RA	-					RA	-		
ELATINACEAE	<i>Bergia trimera</i>	Three-part Water-fire			RA	0			RA	0	RA	0		
EUPHORBIACEAE	<i>Bertya tasmanica ssp. vestita</i>	Mitchell's Bertya			LC	0	DD	DD			LC	DD	LC	0
EUPHORBIACEAE	<i>Beyeria lechenaultii</i>	Pale Turpentine Bush			NT	0	RA	0	RA	-	LC	0	NT	-
EUPHORBIACEAE	<i>Beyeria opaca</i>	Dark Turpentine Bush			LC	0	LC	0	NT	-	LC	0	NT	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
PITOSPORA	<i>Billardiera cymosa ssp. cymosa</i>	Sweet Apple-berry			LC	-					LC	-	LC	-
PITOSPORA	<i>Billardiera cymosa ssp. pseudocymosa</i>	Sweet Apple-berry			NE		NE				NE			
PITOSPORA	<i>Billardiera versicolor</i>	Yellow-flower Apple-berry			NT	-					NT	-		
COMPOSITAE	<i>Blennospora drummondii</i>	Dwarf Button-flower			LC	0					LC	0	LC	0
NYCTAGINACEAE	<i>Boerhavia coccinea</i>	Tar-vine			DD	DD		DD	DD	DD	DD	DD		
NYCTAGINACEAE	<i>Boerhavia dominii</i>	Tar-vine			LC	0			LC	0	LC	0		
NYCTAGINACEAE	<i>Boerhavia schomburgkiana</i>	Schomburgk's Tar-vine			DD	DD					DD	DD		
CYPERACEAE	<i>Bolboschoenus caldwellii</i>	Salt Club-rush			LC	0			LC	0	LC	0		
CYPERACEAE	<i>Bolboschoenus medianus</i>	Marsh Club-rush			LC	0			LC	0	LC	0		
RUTACEAE	<i>Boronia coerulescens ssp. coerulescens</i>	Blue Boronia			NT	0	RA	0	RA	-	LC	0	LC	0
RUTACEAE	<i>Boronia filifolia</i>	Slender Boronia			RA	0							RA	0
RUTACEAE	<i>Boronia inornata ssp. leptophylla</i>	Dryland Boronia			LC	0					LC	0		
RUTACEAE	<i>Boronia nana var. nana</i>	Dwarf Boronia			VU	-							VU	-
RUTACEAE	<i>Boronia nana var. pubescens</i>	Dwarf Boronia		R	VU	-							VU	-
LEGUMINOSAE	<i>Bossiaea prostrata</i>	Creeping Bossiaea			NT	0							NT	0
GRAMINEAE	<i>Brothochloa macra</i>	Red-leg Grass		R	LC	+			LC	+	LC	+	NT	+
EPACRIDACEAE	<i>Brachyloma ciliatum</i>	Fringed Brachyloma			LC	0							LC	0
EPACRIDACEAE	<i>Brachyloma daphnoides</i>	Daphne Heath			LC	0							LC	0
EPACRIDACEAE	<i>Brachyloma ericoides ssp. ericoides</i>	Brush Heath			LC	0					LC	0	LC	0
COMPOSITAE	<i>Brachyscome basaltica var. gracilis</i>	Swamp Daisy		R	RA	-			RA	-	RA	-		
COMPOSITAE	<i>Brachyscome ciliaris var. ciliaris</i>	Variable Daisy			LC	0	LC	0	DD	DD	LC	0	LC	0
COMPOSITAE	<i>Brachyscome ciliaris var. lanuginosa</i>	Woolly Variable Daisy			RA	-	RA	-	RA	-	RA	-		
COMPOSITAE	<i>Brachyscome dentata</i>	Lobe-seed Daisy			EN	-			EN	-				
COMPOSITAE	<i>Brachyscome exilis</i>	Slender Daisy			RA	0					RA	0		
COMPOSITAE	<i>Brachyscome goniocarpa</i>	Dwarf Daisy			NT	0					LC	0	RA	0
COMPOSITAE	<i>Brachyscome graminea</i>	Grass Daisy		R	VU	-					VU	-		
COMPOSITAE	<i>Brachyscome lineariloba</i>	Hard-head Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Brachyscome melanocarpa</i>	Black-fruit Daisy		V	VU	DD			VU	DD				
COMPOSITAE	<i>Brachyscome perpusilla</i>	Tiny Daisy			LC	0					LC	0	LC	0
COMPOSITAE	<i>Brachyscome trachycarpa</i>	Smooth Daisy			LC	0	LC	0						
GRAMINEAE	<i>Bromus arenarius</i>	Sand Brome			VU	-	VU	-	VU	-	VU	-		
GOODENIACEAE	<i>Brunonia australis</i>	Blue Pincushion			NT	0							NT	0
LILIAEAE	<i>Bulbine alata</i>	Winged Bulbine-lily			RA	DD			RA	DD				
LILIAEAE	<i>Bulbine semibarbata</i>	Small Leek-lily			LC	0	RA	DD	LC	0	LC	0	LC	0
LILIAEAE	<i>Burchardia umbellata</i>	Milkmaids			NT	0					RA	0	LC	0
PITOSPORA	<i>Bursaria spinosa ssp. lasiophylla</i>	Dwarf Bursaria			RA	-					RA	-		
PITOSPORA	<i>Bursaria spinosa ssp. spinosa</i>	Sweet Bursaria			LC	0					LC	0	LC	0
LILIAEAE	<i>Caesia calliantha</i>	Blue Grass-lily			RA	0					VU	-	RA	0
ORCHIDACEAE	<i>Caladenia bicalliata ssp. bicalliata</i>	Limestone Spider-orchid			EN	DD							EN	DD
ORCHIDACEAE	<i>Caladenia calcicola</i>	Eastern Limestone Spider-orchid			EN	--							EN	--
ORCHIDACEAE	<i>Caladenia capillata</i>	Wispy Spider-orchid			LC	-					LC	-	NT	-
ORCHIDACEAE	<i>Caladenia cardiophylla</i>	Heart-lip Spider-orchid			NT	-					NT	--	RA	-
ORCHIDACEAE	<i>Caladenia carnea</i>	Pink Fingers			NT	0					RA	DD	LC	0
ORCHIDACEAE	<i>Caladenia clavigera</i>	Plain-lip Spider-orchid		E	RE								RE	
ORCHIDACEAE	<i>Caladenia colorata</i>	Coloured Spider-orchid		EN	E	EN	-				EN	--	EN	-
ORCHIDACEAE	<i>Caladenia cucullata</i>	Hooded Caladenia			R	RA	0						RA	0
ORCHIDACEAE	<i>Caladenia filamentosa</i>	Daddy Long-legs			CR	0							CR	0
ORCHIDACEAE	<i>Caladenia flaccida</i>	Drooping Spider-orchid		V	EN	--					EN	--		
ORCHIDACEAE	<i>Caladenia formosa</i>	Elegant Spider Orchid		VU	V	EN	--						EN	--
ORCHIDACEAE	<i>Caladenia fulva</i>				E	EN	--						EN	--
ORCHIDACEAE	<i>Caladenia fuscata</i>	Dusky Caladenia			NT	-					RA	DD	NT	-
ORCHIDACEAE	<i>Caladenia latifolia</i>	Pink Caladenia			RA	-					RA	-	RA	-
ORCHIDACEAE	<i>Caladenia leptochila</i>	Narrow-lip Spider-orchid			RA	DD					RA	DD		
ORCHIDACEAE	<i>Caladenia ornata</i>	Ornate Pink Fingers			EN	DD							EN	DD
ORCHIDACEAE	<i>Caladenia prolata</i>	Shy Caladenia			RA	-							RA	-
ORCHIDACEAE	<i>Caladenia pusilla</i>	Tiny Fingers			RA	DD							RA	DD
ORCHIDACEAE	<i>Caladenia sp. Bordertown (R.S.Rogers 788)</i>	Bordertown Spider-orchid		E*	CR	--							CR	--
ORCHIDACEAE	<i>Caladenia sp. Finniss</i>	Finniss Spider-orchid			RE						RE			
ORCHIDACEAE	<i>Caladenia sp. Monarto South</i>				CR	--					CR	--		
ORCHIDACEAE	<i>Caladenia stellata</i>	Star Spider-orchid		R	CR	--					CR	--		
ORCHIDACEAE	<i>Caladenia stricta</i>	Upright Caladenia			NT	0					LC	0	RA	0
ORCHIDACEAE	<i>Caladenia tensa</i>	Inland Green-comb Spider-orchid		EN	LC	-					LC	-	NT	-
ORCHIDACEAE	<i>Caladenia tentaculata</i>	King Spider-orchid			RA	-							RA	-
ORCHIDACEAE	<i>Caladenia toxochila</i>	Bow-lip Spider-orchid			CR	DD					RE		CR	DD
ORCHIDACEAE	<i>Caladenia valida</i>	Robust Spider-orchid		E	CR	DD					CR	DD		
ORCHIDACEAE	<i>Caladenia verrucosa</i>	Yellow-club Spider-orchid			LC	0					LC	0	LC	0
PORTULACACEAE	<i>Calandrinia calyptata</i>	Pink Purslane			LC	0					LC	0	LC	0
PORTULACACEAE	<i>Calandrinia corrigioloides</i>	Strap Purslane			NT	0					RA	DD	NT	0
PORTULACACEAE	<i>Calandrinia eremaea</i>	Dryland Purslane			LC	0	LC	0	LC	0	LC	0	LC	0
PORTULACACEAE	<i>Calandrinia granulifera</i>	Pgmy Purslane			LC	0	NT	0			LC	0	LC	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

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PORTULACACEAE	<i>Calandrinia volubilis</i>	Twining Purslane			VU	-			VU	-	VU	-		
ORCHIDACEAE	<i>Caleana major</i>	Large Duck-orchid		V	RE								RE	
LILIAEAE	<i>Calectasia intermedia</i>	Eastern Blue Tinsel-lily		V	EN	DD							EN	DD
MYRTACEAE	<i>Callistemon brachyandrus</i>	Prickly Bottlebrush		R	RA	-			VU	-	RA	DD		
MYRTACEAE	<i>Callistemon rugulosus</i>	Scarlet Bottlebrush			RA	-					RA	-	RA	-
CALLITRICHACEAE	<i>Callitriche sonderi</i>	Matted Water Starwort		R	RA	-			RA	DD	VU	-		
CALLITRICHACEAE	<i>Callitriche umbonata</i>	Water Starwort		V	EN	-			EN	-			EN	--
CUPRESSACEAE	<i>Callitris canescens</i>	Scrubby Cypress Pine			NT	0					LC	0	RA	DD
CUPRESSACEAE	<i>Callitris glaucophylla</i>	White Cypress-pine			NT	DD	RA	DD	NT	DD	NT	DD		
CUPRESSACEAE	<i>Callitris gracilis</i>	Southern Cypress Pine			NT	+	RA	DD	NT	DD	LC	+	LC	0
CUPRESSACEAE	<i>Callitris rhomboidea</i>	Oyster Bay Pine			RA	0							RA	0
CUPRESSACEAE	<i>Callitris verrucosa</i>	Scrub Cypress Pine			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Calocephalus citreus</i>	Lemon Beauty-heads			RA	0					RA	-	RA	0
COMPOSITAE	<i>Calocephalus sonderi</i>	Pale Beauty-heads		R	RA	-			RA	-				
ORCHIDACEAE	<i>Calochilus pruinosus</i>	Plains Beard-orchid		R	CR	--					RE		CR	--
ORCHIDACEAE	<i>Calochilus robertsonii</i>	Purplish Beard-orchid			EN	--							EN	--
AMARYLLIDACEAE	<i>Calostemma luteum</i>	Yellow Garland-lily			VU	-			RA	-	EN	-		
AMARYLLIDACEAE	<i>Calostemma purpureum</i>	Pink Garland-lily			RA	0			VU	DD	NT	0		
COMPOSITAE	<i>Calotis cuneifolia</i>	Purple Burr-daisy			NT	0	RA	DD	LC	0	RA	-		
COMPOSITAE	<i>Calotis cymbacantha</i>	Showy Burr-daisy			RA	-	RA	--	RA	-	RA	-		
COMPOSITAE	<i>Calotis erinacea</i>	Tangled Burr-daisy			LC	0	NT	DD	LC	0	LC	0	LC	0
COMPOSITAE	<i>Calotis hispidula</i>	Hairy Burr-daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Calotis lappulacea</i>	Yellow Burr-daisy		R	RA	DD	RA	DD						
COMPOSITAE	<i>Calotis scabiosifolia</i> var. <i>scabiosifolia</i>	Rough Burr-daisy			RA	-			RA	--	VU	-		
COMPOSITAE	<i>Calotis scapigera</i>	Tufted Burr-daisy		R	RA	-			RA	-	RA	-		
CONVOLVULACEAE	<i>Calystegia sepium</i> ssp. <i>roseata</i>	Large Bindweed			NT	-					NT	-		
MYRTACEAE	<i>Calytrix alpestris</i>	Snow Heath-myrtle			NT	0					RA	0	LC	0
MYRTACEAE	<i>Calytrix glaberrima</i>	Smooth Heath-myrtle			EN	--					EN	--		
MYRTACEAE	<i>Calytrix involucrata</i>	Cup Fringe-myrtle			RA	DD					RA	DD		
MYRTACEAE	<i>Calytrix tetragona</i>	Common Fringe-myrtle			LC	0					LC	0	LC	0
CYPERACEAE	<i>Carex appressa</i>	Tall Sedge			RA	DD					RA	DD		
CYPERACEAE	<i>Carex bichenoviana</i>	Notched Sedge			RA	DD					RA	DD		
CYPERACEAE	<i>Carex fascicularis</i>	Tassel Sedge			RA	DD					RA	DD		
CYPERACEAE	<i>Carex gaudichaudiana</i>	Fen Sedge			EN	-					EN	-		
CYPERACEAE	<i>Carex inversa</i> var. <i>inversa</i>	Knob Sedge			RA	-							RA	-
CYPERACEAE	<i>Carex inversa</i> var. <i>major</i>	Knob Sedge			RA	0					RA	0	RA	0
CYPERACEAE	<i>Carex tereticaulis</i>	Rush Sedge			RA	-					RA	DD	RA	-
AIZOACEAE	<i>Carpobrotus modestus</i>	Inland Pigface			LC	0	RA	0	LC	0	LC	0	LC	0
AIZOACEAE	<i>Carpobrotus rossii</i>	Native Pigface			RA	DD					RA	DD	RA	DD
COMPOSITAE	<i>Cassinia arcuata</i>	Drooping Cassinia			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
COMPOSITAE	<i>Cassinia complanata</i>	Sticky Cassinia			RA	-					RA	-	RA	-
COMPOSITAE	<i>Cassinia laevis</i>	Curry Bush			RA	-	RA	-	RA	-	RA	-		
LAURACEAE	<i>Cassythya glabella</i> forma <i>dispar</i>	Slender Dodder-laurel			LC	0					NT	0	LC	0
LAURACEAE	<i>Cassythya melantha</i>	Coarse Dodder-laurel			LC	0	LC	0	NT	DD	LC	0	LC	0
LAURACEAE	<i>Cassythya pubescens</i>	Dowry Dodder-laurel			LC	0					LC	0	LC	0
CASUARINACEAE	<i>Casuarina pauper</i>	Black Oak			LC	-	LC	DD	NT	--	LC	-		
CYPERACEAE	<i>Caustis pentandra</i>	Thick Twisted-rush			NT	0							NT	0
UMBELLIFERAE	<i>Centella asiatica</i>	Asian Centella			NT	-					NT	-		
UMBELLIFERAE	<i>Centella cordifolia</i>	Native Centella			RA	DD							RA	DD
COMPOSITAE	<i>Centipeda crateriformis</i> ssp. <i>compacta</i>	Desert Sneezeweed			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
COMPOSITAE	<i>Centipeda crateriformis</i> ssp. <i>crateriformis</i>	Common Sneezeweed			RA	DD			RA	DD	RA	DD	RA	DD
COMPOSITAE	<i>Centipeda cunninghamii</i>	Common Sneezeweed			NT	0	RA	DD	LC	0	RA	DD	RA	DD
COMPOSITAE	<i>Centipeda minima</i> ssp. <i>minima</i>	Spreading Sneezeweed			NT	-			NT	-	RA	-		
COMPOSITAE	<i>Centipeda nidiformis</i>	Spreading Sneezeweed			NT	-			RA	-	NT	-		
COMPOSITAE	<i>Centipeda pleiocephala</i>				RA	DD			RA	DD				
COMPOSITAE	<i>Centipeda thespidioides</i>	Desert Sneezeweed			NT	0	NT	0	RA	-				
CENTROLEPIDACEAE	<i>Centrolepis aristata</i>	Pointed Centrolepis			RA	-					RA	-	RA	-
CENTROLEPIDACEAE	<i>Centrolepis cephaliformis</i> ssp. <i>cephaliformis</i>	Cushion Centrolepis		R	RA	DD					RA	DD	RA	DD
CENTROLEPIDACEAE	<i>Centrolepis glabra</i>	Smooth Centrolepis		R	EN	-							EN	-
CENTROLEPIDACEAE	<i>Centrolepis polygyna</i>	Wiry Centrolepis			NT	-					NT	-	NT	-
CENTROLEPIDACEAE	<i>Centrolepis strigosa</i> ssp. <i>strigosa</i>	Hairy Centrolepis			NT	-					RA	-	NT	DD
CERATOPHYLLACEAE	<i>Ceratophyllum demersum</i>	Hornwort		R	VU	--					VU	--		
LILIAEAE	<i>Chamaecilla corymbosa</i> var. <i>corymbosa</i>	Blue Squill			RA	0					VU	-	RA	0
EUPHORBIACEAE	<i>Chamaesyce dallachyana</i>	Caustic Weed			VU	-			VU	-	VU	-		
EUPHORBIACEAE	<i>Chamaesyce drummondii</i>				LC	0	LC	0	LC	0	LC	0		
ADIANTACEAE	<i>Cheilanthes austrotenuifolia</i>	Annual Rock-fern			RA	0					RA	0		
ADIANTACEAE	<i>Cheilanthes distans</i>	Bristly Cloak-fern			RA	DD					RA	DD		
ADIANTACEAE	<i>Cheilanthes lasiophylla</i>	Woolly Cloak-fern			VU	DD			VU	DD	VU	DD		
ADIANTACEAE	<i>Cheilanthes sieberi</i> ssp. <i>sieberi</i>	Narrow Rock-fern			RA	DD	RA	DD						
PITTOSPORACEAE	<i>Cheiranthra alternifolia</i>	Hand-flow er			RA	-					RA	-		

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CHENOPODIACEAE	<i>Chenopodium curvispicatum</i>	Cottony Goosefoot			LC	0	LC	0	LC	0	LC	0	RA	DD
CHENOPODIACEAE	<i>Chenopodium desertorum ssp. desertorum</i>	Frosted Goosefoot			LC	0	LC	0	LC	0	LC	0	LC	0
CHENOPODIACEAE	<i>Chenopodium desertorum ssp. microphyllum</i>	Small-leaf Goosefoot			NT	0	RA	DD			LC	0	LC	0
CHENOPODIACEAE	<i>Chenopodium desertorum ssp. rectum</i>	Erect Goosefoot			NT	DD	RA	DD	RA	DD	NT	DD	NT	DD
CHENOPODIACEAE	<i>Chenopodium nitriaceum</i>	Nitre Goosefoot			NT	0	RA	DD	LC	0	DD	DD		
GRAMINEAE	<i>Chloris truncata</i>	Windmill Grass			RA	DD			VU	DD	RA	DD		
SANTALACEAE	<i>Choretrum glomeratum var. chrysanthum</i>	Yellow-flower Sour-bush	R		VU	DD	DD	DD			RE		VU	DD
SANTALACEAE	<i>Choretrum glomeratum var. glomeratum</i>	White Sour-bush			RA	0					RA	-	RA	0
SANTALACEAE	<i>Choretrum spicatum</i>	Spiked Sour-bush	R		VU	-							VU	-
CYPERACEAE	<i>Chorizandra enodis</i>	Black Bristle-rush			NT	0							NT	0
THELYPTERIDACEAE	<i>Christella dentata</i>	Soft Shield-fern	R		RA	DD			VU	DD	RA	DD		
COMPOSITAE	<i>Chrysocephalum apiculatum</i>	Common Everlasting			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Chrysocephalum baxteri</i>	White Everlasting			RA	0					RA	-	RA	0
COMPOSITAE	<i>Chrysocephalum semipapposum</i>	Clustered Everlasting			RA	-					RA	-	RA	-
COMPOSITAE	<i>Chthonocephalus pseudevax</i>	Ground-heads			NT	-	LC	0	RA	-	RA	-		
RANUNCULACEAE	<i>Clematis microphylla</i>	Old Man's Beard			LC	0					LC	0	LC	0
GYROSTEMONACEAE	<i>Codonocarpus cotinifolius</i>	Desert Poplar			RA	0	RA	0	RA	0	RA	0	RA	DD
POLYGALACEAE	<i>Comesperma calymega</i>	Blue-spike Milkwort			NT	0					RA	0	NT	0
POLYGALACEAE	<i>Comesperma polygaloides</i>	Mauve Milkwort			NT	0							NT	0
POLYGALACEAE	<i>Comesperma scoparium</i>	Broom Milkwort			NT	0					RA	DD	LC	0
POLYGALACEAE	<i>Comesperma volubile</i>	Love Creeper			LC	0					LC	0	NT	0
PROTEACEAE	<i>Conospermum patens</i>	Slender Smoke-bush			RA	-					VU	-	NT	-
CONVOLVULACEAE	<i>Convolvulus angustissimus ssp. angustissimus</i>	Australian Bindweed			RA	0					RA	0	RA	0
CONVOLVULACEAE	<i>Convolvulus angustissimus ssp. peninsularum</i>	Grassland Bindweed			RA	0					RA	0		
CONVOLVULACEAE	<i>Convolvulus clementii</i>				RA	DD	RA	DD			RA	DD		
CONVOLVULACEAE	<i>Convolvulus crispifolius</i>	Silver Bindweed			RA	-	RA	DD	RA	DD	RA	-		
CONVOLVULACEAE	<i>Convolvulus microsepalus</i>	Small-flower Bindweed			RA	DD					RA	DD		
CONVOLVULACEAE	<i>Convolvulus recurvatus ssp. nullarborensis</i>				RA	0					RA	0		
CONVOLVULACEAE	<i>Convolvulus recurvatus ssp. recurvatus</i>	Australian Bindweed			RA	0	RA	0						
CONVOLVULACEAE	<i>Convolvulus remotus</i>	Grassy Bindweed			LC	0	LC	0	LC	0	LC	0	NT	0
RUTACEAE	<i>Correa glabra var. turnbullii</i>	Rock Correa			LC	0					LC	0		
RUTACEAE	<i>Correa reflexa var. reflexa</i>	Common Correa			NE								NE	
RUTACEAE	<i>Correa reflexa var. scabridula</i>	Common Correa			NT	0					RA	-	LC	0
ORCHIDACEAE	<i>Corybas despectans</i>	Coast Helmet-orchid			RA	-					RA	DD	RA	-
ORCHIDACEAE	<i>Corybas diemenicus</i>	Veined Helmet Orchid			CR	--							CR	--
ORCHIDACEAE	<i>Corybas incurvus</i>	Slaty Helmet-orchid			RA	--							RA	--
ORCHIDACEAE	<i>Corybas unguiculatus</i>	Small Helmet-orchid	R		VU	0							VU	0
LILIAEAE	<i>Corynotheca licrota</i>	Sand Lily	R		RA	-	RA	DD	VU	-	RA	-	RA	DD
COMPOSITAE	<i>Cotula australis</i>	Common Cotula			LC	0			LC	0	LC	0	NT	0
COMPOSITAE	<i>Cotula vulgaris var. australasica</i>	Slender Cotula			RA	DD					RA	DD		
COMPOSITAE	<i>Craspedia haplorrhiza</i>	Billy-buttons			NE				NE	NE				
COMPOSITAE	<i>Craspedia paludicola</i>	Swamp Buttons	V		VU	0							VU	0
COMPOSITAE	<i>Craspedia variabilis</i>	Billy-buttons			VU	-					VU	-	VU	-
CRASSULACEAE	<i>Crassula closiana</i>	Stalked Crassula			RA	-					RA	-	RA	DD
CRASSULACEAE	<i>Crassula colligata ssp. colligata</i>				NT	0			RA	-	LC	0	LC	0
CRASSULACEAE	<i>Crassula colligata ssp. lamprosperma</i>				LC	0	NT	DD			LC	0	LC	0
CRASSULACEAE	<i>Crassula colorata var. acuminata</i>	Dense Crassula			LC	0	LC	0	LC	0	LC	0	LC	0
CRASSULACEAE	<i>Crassula colorata var. colorata</i>	Dense Crassula			NT	-	RA	-			NT	-	NT	-
CRASSULACEAE	<i>Crassula decumbens var. decumbens</i>	Spreading Crassula			LC	0					LC	0	LC	0
CRASSULACEAE	<i>Crassula helmsii</i>	Swamp Crassula			RA	-			RA	-	RA	-		
CRASSULACEAE	<i>Crassula peduncularis</i>	Purple Crassula	R		EN	-			EN	-	EN	-	VU	DD
CRASSULACEAE	<i>Crassula tetramera</i>	Australian Stonecrop			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Cratystylis conocephala</i>	Bluebush Daisy			LC	-	LC	-			LC	-		
CONVOLVULACEAE	<i>Cressa australis</i>	Rosinweed			LC	0			LC	0	NT	-		
AMARYLLIDACEAE	<i>Crinum flaccidum</i>	Murray Lily			VU	-			RA	-	EN	-		
RHAMNACEAE	<i>Cryptandra myriantha</i>	Heath Cryptandra			DD	DD							DD	DD
RHAMNACEAE	<i>Cryptandra propinqua</i>	Silky Cryptandra			RA	-	RA	-	VU	-	NT	DD	NT	DD
RHAMNACEAE	<i>Cryptandra sp. Floriferous (W.R.Barker 4131)</i>	Pretty Cryptandra			NT	0	RA	0			LC	0	LC	0
RHAMNACEAE	<i>Cryptandra tomentosa</i>	Heath Cryptandra			NT	0					RA	DD	LC	0
CUCURBITACEAE	<i>Cucumis melo</i>	Ucardo Melon			VU	-			VU	-				
LEGUMINOSAE	<i>Cullen australasicum</i>	Tall Scurf-pea			RA	DD					RA	DD		
LEGUMINOSAE	<i>Cullen cinereum</i>	Annual Scurf-pea			RA	-			RA	-				
LEGUMINOSAE	<i>Cullen discolor</i>	Prostrate Scurf-pea			VU	-	RA	DD	VU	-	VU	DD		
LEGUMINOSAE	<i>Cullen pallidum</i>	White Scurf-pea			VU	-	RA	DD	VU	-	VU	-		
COMPOSITAE	<i>Cymbonotus preissianus</i>	Austral Bear's-ear			RA	+							RA	+
GRAMINEAE	<i>Cymbopogon ambiguus</i>	Lemon-grass			VU	--					VU	--		
GRAMINEAE	<i>Cymbopogon oblectus</i>	Silky-head Lemon-grass			EN	-			EN	-				
GRAMINEAE	<i>Cynodon dactylon var. pulchellus</i>	Couch			VU	-			VU	-	VU	-		
BORAGINACEAE	<i>Cynoglossum australe</i>	Australian Hound's-tongue			NT	0					RA	DD	LC	0
BORAGINACEAE	<i>Cynoglossum suaveolens</i>	Sweet Hound's-tongue			RA	0							RA	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CYPERACEAE	<i>Cyperus difformis</i>	Variable Flat-sedge			NT	0	RA	0	LC	0	RA	-		
CYPERACEAE	<i>Cyperus exaltatus</i>	Splendid Flat-sedge			LC	-			LC	-	LC	-		
CYPERACEAE	<i>Cyperus flaccidus</i>	Flaccid Flat-sedge	R		EN	DD			EN	DD				
CYPERACEAE	<i>Cyperus gunnii</i> ssp. <i>gunnii</i>	Flecked Flat-sedge			RA	-					RA	-		
CYPERACEAE	<i>Cyperus gymnocaulos</i>	Spiny Flat-sedge			NT	+	RA	DD	LC	+	LC	+	NT	0
CYPERACEAE	<i>Cyperus nervulosus</i>		R		VU	-			VU	-	VU	-		
CYPERACEAE	<i>Cyperus pygmaeus</i>	Pygmy Flat-sedge			RA	-			RA	-	RA	-		
CYPERACEAE	<i>Cyperus rigidellus</i>	Dwarf Flat-sedge			RA	-			RA	-	RA	-		
CYPERACEAE	<i>Cyperus squarrosus</i>	Bearded Flat-sedge			RA	DD			RA	DD	RA	DD		
CYPERACEAE	<i>Cyperus vaginatus</i>	Stiff Flat-sedge			RA	DD					RA	DD		
CYPERACEAE	<i>Cyperus victoriensis</i>	Yelka			RA	DD			RA	DD	RA	DD		
SOLANACEAE	<i>Cyphanthera myosotidea</i>	Small-leaf Ray-flower			NT	0	NT	DD	RA	DD	NT	DD	LC	0
ORCHIDACEAE	<i>Cyrtostylis reniformis</i>	Small Gnat-orchid			NT	0							NT	0
ORCHIDACEAE	<i>Cyrtostylis robusta</i>	Robust Gnat-orchid			RA	-					RA	-	RA	-
ALISMATACEAE	<i>Damasonium minus</i>	Star-fruit			VU	-			VU	DD	VU	DD	EN	-
GOODENIACEAE	<i>Dampiera dysantha</i>	Shrubby Dampiera			NT	0					NT	0	NT	0
GOODENIACEAE	<i>Dampiera lanceolata</i> var. <i>lanceolata</i>	Grooved Dampiera			NT	0	RA	DD	RA	DD	LC	0	LC	0
GOODENIACEAE	<i>Dampiera marifolia</i>	Velvet Dampiera			NT	0	NT	0			NT	0	LC	0
GOODENIACEAE	<i>Dampiera rosmarinifolia</i>	Rosemary Dampiera			NT	0	RA	0			LC	0	LC	0
MYRTACEAE	<i>Darwinia micropetala</i>	Small Darwinia			RE								RE	
UMBELLIFERAE	<i>Daucus glochidiatus</i>	Native Carrot			LC	0	LC	0	LC	0	LC	0	LC	0
LEGUMINOSAE	<i>Daviesia arenaria</i>	Sand Bitter-pea			NT	0	RA	0	RA	DD	NT	-	NT	0
LEGUMINOSAE	<i>Daviesia benthamii</i> ssp. <i>acanthoclona</i>	Dryland Bitter-pea			NT	0	LC	0	RA	DD	RA	DD		
LEGUMINOSAE	<i>Daviesia benthamii</i> ssp. <i>humilis</i>	Mallee Bitter-pea	R		VU	0					VU	DD	VU	0
LEGUMINOSAE	<i>Daviesia brevifolia</i>	Leafless Bitter-pea			LC	0					NT	0	LC	0
LEGUMINOSAE	<i>Daviesia pectinata</i>	Zig-zag Bitter-pea	R		EN	-					EN	DD	EN	-
LEGUMINOSAE	<i>Daviesia ulicifolia</i> ssp. <i>aridicola</i>	Gorse Bitter-pea			VU	DD			VU	DD				
LEGUMINOSAE	<i>Daviesia ulicifolia</i> ssp. <i>ulicifolia</i>	Gorse Bitter-pea			RA	DD							RA	DD
GRAMINEAE	<i>Deyeuxia quadrisetata</i>	Reed Bent-grass			VU	DD							VU	DD
LILIAEAE	<i>Dianella brevicaulis</i>	Short-stem Flax-lily			NT	0					LC	0	RA	0
LILIAEAE	<i>Dianella longifolia</i> var. <i>grandis</i>	Pale Flax-lily	R		VU	-					VU	-	VU	-
LILIAEAE	<i>Dianella porracea</i>	Pale Flax-lily	V		VU	-	VU	DD	VU	-				
LILIAEAE	<i>Dianella revoluta</i> var. <i>revoluta</i>	Black-anther Flax-lily			LC	0	LC	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Dichelachne crinita</i>	Long-hair Plume-grass			RA	DD					RA	DD	VU	DD
CONVOLVULACEAE	<i>Dichondra repens</i>	Kidney Weed			NT	0					NT	0	NT	0
CHLOANTHACEAE	<i>Dicrastylis verticillata</i>	Whorled Sand-sage			NT	0	LC	0	RA	DD	RA	-	RA	DD
GRAMINEAE	<i>Digitaria ammophila</i>	Spider Grass			RA	DD	RA	DD	RA	DD	RA	DD		
GRAMINEAE	<i>Digitaria browii</i>	Cotton Panic-grass			VU	-			VU	-				
LEGUMINOSAE	<i>Dillwynia glaberrima</i>	Smooth Parrot-pea			NT	0							NT	0
LEGUMINOSAE	<i>Dillwynia hispida</i>	Red Parrot-pea			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Dillwynia sericea</i>	Showy Parrot-pea			NT	0					RA	DD	LC	0
LEGUMINOSAE	<i>Dillwynia uncinata</i>	Silky Parrot-pea			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Dipodium pardalinum</i>	Leopard Hyacinth-orchid		V	CR	--							CR	--
ORCHIDACEAE	<i>Dipodium roseum</i>	Pink Hyacinth Orchid			VU	-							VU	-
AIZOACEAE	<i>Disphyma crassifolium</i> ssp. <i>clavellatum</i>	Round-leaf Pigface			LC	0	LC	0	LC	0	LC	0		
CHENOPODIAEAE	<i>Dissocarpus biflorus</i> var. <i>biflorus</i>	Tw o-horn Saltbush			RA	0	RA	DD	RA	0	RA	DD		
CHENOPODIAEAE	<i>Dissocarpus paradoxus</i>	Ball Bindyi			LC	+	LC	+	LC	+	LC	+		
GRAMINEAE	<i>Distichlis distichophylla</i>	Emu-grass			LC	0			LC	0	LC	0		
ORCHIDACEAE	<i>Diuris orientis</i>	Wallflower Donkey-orchid			RA	DD					RA	DD		
ORCHIDACEAE	<i>Diuris palustris</i>	Little Donkey-orchid			EN	--					EN	--		
ORCHIDACEAE	<i>Diuris pardina</i>	Spotted Donkey-orchid			NT	-					LC	-	RA	-
SAPINDACEAE	<i>Dodonaea baueri</i>	Crinkled Hop-bush			RA	-					RA	-		
SAPINDACEAE	<i>Dodonaea bursariifolia</i>	Small Hop-bush			LC	0	LC	0	NT	0	LC	0	LC	0
SAPINDACEAE	<i>Dodonaea hexandra</i>	Horned Hop-bush			LC	0					LC	0	LC	0
SAPINDACEAE	<i>Dodonaea humilis</i>	Dwarf Hop-bush			RA	-					RA	-	RA	DD
SAPINDACEAE	<i>Dodonaea lobulata</i>	Lobed-leaf Hop-bush			VU	--			EN	--	VU	DD		
SAPINDACEAE	<i>Dodonaea stenozyga</i>	Desert Hop-bush			NT	0	LC	0	RA	DD	LC	0	RA	0
SAPINDACEAE	<i>Dodonaea subglandulifera</i>		EN	E	VU	0	RE				VU	0		
SAPINDACEAE	<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	Narrow-leaf Hop-bush			LC	+	LC	+	LC	+	LC	+	NT	DD
SAPINDACEAE	<i>Dodonaea viscosa</i> ssp. <i>cuneata</i>	Wedge-leaf Hop-bush			RA	0					RA	0	VU	-
SAPINDACEAE	<i>Dodonaea viscosa</i> ssp. <i>spatulata</i>	Sticky Hop-bush			LC	+					NT	0	LC	++
DROSERACEAE	<i>Drosera aberrans</i>				NT	0					RA	0	LC	0
DROSERACEAE	<i>Drosera auriculata</i>	Tall Sundew			RA	0					VU	-	RA	0
DROSERACEAE	<i>Drosera glanduligera</i>	Scarlet Sundew			NT	0					RA	0	LC	0
DROSERACEAE	<i>Drosera macrantha</i> ssp. <i>planchonii</i>	Climbing Sundew			LC	0					LC	0	LC	0
DROSERACEAE	<i>Drosera peltata</i>	Pale Sundew			NT	0					RA	-	LC	0
DROSERACEAE	<i>Drosera pygmaea</i>	Tiny Sundew			RA	-					VU	-	RA	DD
DROSERACEAE	<i>Drosera whittakeri</i> ssp. <i>whittakeri</i>				RA	0					RA	0		
SOLANACEAE	<i>Duboisia hopwoodii</i>	Pituri			RA	-	NT	0	VU	--				
CHENOPODIAEAE	<i>Dysphania cristata</i>	Crested Goosefoot			NT	0	NT	0	LC	0	NT	0		

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CHENOPODIA CEAE	<i>Dysphania glomulifera ssp. glomulifera</i>	Globular Crumbweed			NT	DD	NT	DD	NT	DD	NT	DD		
CHENOPODIA CEAE	<i>Dysphania pumilio</i>	Clammy Goosefoot			NT	0			LC	0	NT	DD	RA	DD
GRAMINEAE	<i>Echinochloa inundata</i>	Channel Millet			NE				NE					
GRAMINEAE	<i>Echinochloa lacunaria</i>				EN	DD			EN	DD				
COMPOSITAE	<i>Eclipta platyglossa</i>	Yellow Tw in-heads			LC	0			LC	0	LC	0		
CHENOPODIA CEAE	<i>Einadia nutans ssp. nutans</i>	Climbing Saltbush			NT	0	RA	0	LC	0	LC	0	RA	DD
CHENOPODIA CEAE	<i>Einadia nutans ssp. oxycarpa</i>	Pointed-fruit Climbing Saltbush			RA	DD	RA	DD	RA	DD	RA	DD		
COMPOSITAE	<i>Elachanthus pusillus</i>	Elachanth			NT	-	RA	DD		NT	-			
ELATINACEAE	<i>Elatine gratioides</i>	Waterwort	R		VU	-			RA	-	VU	-	EN	DD
CYPERACEAE	<i>Eleocharis acuta</i>	Common Spike-rush			LC	0			LC	0	LC	0	LC	0
CYPERACEAE	<i>Eleocharis atricha</i>	Tuber Spike-rush	V		VU	-							VU	-
CYPERACEAE	<i>Eleocharis pallens</i>	Pale Spike-rush			RA	DD			RA	DD	RA	DD		
CYPERACEAE	<i>Eleocharis pusilla</i>	Small Spike-rush			NT	0			LC	0	RA	-		
CYPERACEAE	<i>Eleocharis sphacelata</i>	Tall Spike-rush			EN	-					EN	-		
GRAMINEAE	<i>Elymus scaber var. scaber</i>	Native Wheat-grass			RA	DD			RA	DD	RA	DD		
GRAMINEAE	<i>Elytrophorus spicatus</i>	Spike-grass			EN	DD			EN	DD				
CHENOPODIA CEAE	<i>Enchylaena tomentosa var. tomentosa</i>	Ruby Saltbush			LC	0	LC	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Enneapogon avenaceus</i>	Common Bottle-washers			RA	0	RA	DD	RA	0	RA	DD	RA	DD
GRAMINEAE	<i>Enneapogon nigricans</i>	Black-head Grass			LC	+			LC	+	LC	+		
GRAMINEAE	<i>Enteropogon acicularis</i>	Umbrella Grass			RA	-	RA	DD	RA	DD	VU	-		
EPACRIDACEAE	<i>Epacris impressa</i>	Common Heath			VU	-					CR	--	NT	0
COMPOSITAE	<i>Epaltes australis</i>	Spreading Nut-heads			NT	0	RA	-	LC	0	LC	0		
COMPOSITAE	<i>Epaltes cunninghamii</i>	Tall Nut-heads			VU	-			VU	-				
ONAGRACEAE	<i>Epilobium billardierianum ssp. billardierianum</i>	Robust Willow-herb			VU	-					VU	-	VU	-
ONAGRACEAE	<i>Epilobium hirtigerum</i>	Hairy Willow-herb			VU	-					VU	-		
ONAGRACEAE	<i>Epilobium pallidiflorum</i>	Showy Willow-herb			EN	-					EN	-		
GRAMINEAE	<i>Eragrostis australasica</i>	Cane-grass			RA	-	RA	-	RA	-	RA	DD		
GRAMINEAE	<i>Eragrostis brownii</i>	Bentham's Love-grass			VU	0			CR	-	RE		RA	0
GRAMINEAE	<i>Eragrostis dielsii var. dielsii</i>	Mulka			NT	+	LC	+	LC	+	RA	+		
GRAMINEAE	<i>Eragrostis elongata</i>	Clustered Love-grass			RA	-			VU	--	RA	-	RA	0
GRAMINEAE	<i>Eragrostis exigua</i>	Delicate Love-grass			EN	--			EN	--				
GRAMINEAE	<i>Eragrostis falcata</i>	Sickle Love-grass			RA	-			RA	DD	VU	-		
GRAMINEAE	<i>Eragrostis infecunda</i>	Barren Cane-grass	R		VU	-			VU	--			VU	-
GRAMINEAE	<i>Eragrostis lacunaria</i>	Purple Love-grass	R		VU	--			VU	--	VU	--		
GRAMINEAE	<i>Eragrostis laniflora</i>	Hairy-flower Woollybutt			RA	DD	RA	DD						
GRAMINEAE	<i>Eragrostis leptocarpa</i>	Drooping Love-grass			RA	DD			RA	DD				
GRAMINEAE	<i>Eragrostis parviflora</i>	Weeping Love-grass			RA	DD	RA	DD	RA	DD	RA	DD		
GRAMINEAE	<i>Eragrostis setifolia</i>	Bristly Love-grass			RA	-	RA	DD			VU	-		
GRAMINEAE	<i>Eragrostis xerophila</i>	Knotty-butt Neverfail			RA	DD	RA	DD						
MYOPORACEAE	<i>Eremophila alternifolia</i>	Narrow-leaf Emubush			RA	-			RE		RA	-		
MYOPORACEAE	<i>Eremophila behriana</i>	Rough Emubush			VU	-					VU	-	VU	-
MYOPORACEAE	<i>Eremophila bignoniiflora</i>	Bignonia Emubush			VU	-			VU	-				
MYOPORACEAE	<i>Eremophila crassifolia</i>	Thick-leaf Emubush			LC	0	LC	0	NT	0	LC	0	LC	0
MYOPORACEAE	<i>Eremophila deserti</i>	Turkey-bush			NT	0	LC	0			RA	0		
MYOPORACEAE	<i>Eremophila divaricata ssp. divaricata</i>	Spreading Emubush			LC	+			LC	+	LC	+		
MYOPORACEAE	<i>Eremophila gibbifolia</i>	Coccid Emubush	R		EN	-					EN	-		
MYOPORACEAE	<i>Eremophila glabra ssp. glabra</i>	Tar Bush			LC	0	LC	0	NT	0	LC	0	NT	0
MYOPORACEAE	<i>Eremophila glabra ssp. Murray (A.G. Spooner)</i>	Small Tar Bush			NT	0	NT	0			NT	0	DD	DD
MYOPORACEAE	<i>Eremophila longifolia</i>	Weeping Emubush			NT	0	LC	0	NT	0	NT	0		
MYOPORACEAE	<i>Eremophila maculata ssp. maculata</i>	Spotted Emubush			RA	-	LC	0	VU	-	VU	-		
MYOPORACEAE	<i>Eremophila oppositifolia ssp. oppositifolia</i>	Opposite-leaved Emubush			RA	-	NT	0	VU	--	RA	-		
MYOPORACEAE	<i>Eremophila polyclada</i>	Twiggy Emubush			EN	--			EN	--				
MYOPORACEAE	<i>Eremophila scoparia</i>	Broom Emubush			LC	0	LC	0	NT	0	LC	0		
MYOPORACEAE	<i>Eremophila sturtii</i>	Turpentine Bush			NT	0	LC	0	RA	-				
ORCHIDACEAE	<i>Eriochilus cucullatus</i>	Parson's Bands			NT	-					RA	-	NT	-
CHENOPODIA CEAE	<i>Eriochiton sclerolaenoides</i>	Woolly-fruit Bluebush			LC	0	LC	0	LC	0	LC	0		
COMPOSITAE	<i>Eriochlamys behrii</i>	Woolly Mantle			RA	DD	RA	DD						
GRAMINEAE	<i>Eriochloa crebra</i>	Tall Cupgrass			VU	DD			VU	DD				
COMPOSITAE	<i>Erodium cicutarium</i>	Koonamore Daisy			RA	DD	RA	DD						
GERANIACEAE	<i>Erodium cicutarium</i>	Blue Heron's-bill			LC	0	LC	0	LC	0	LC	0	LC	0
UMBELLIFERAE	<i>Eryngium ovinum</i>	Blue Devil	V		VU	0							VU	0
UMBELLIFERAE	<i>Eryngium plantagineum</i>	Long Eryngium			CR	-			CR	-				
UMBELLIFERAE	<i>Eryngium vesiculosum</i>	Prostrate Blue Devil	R		EN	-							EN	-
MYRTACEAE	<i>Eucalyptus angulosa</i>	Coast Ridge-fruited Mallee			RA	0					RA	0		
MYRTACEAE	<i>Eucalyptus arenacea</i>	Dune Stringybark			LC	0							LC	0
MYRTACEAE	<i>Eucalyptus baxteri</i>	Brown Stringybark			RA	DD					RA	DD		
MYRTACEAE	<i>Eucalyptus behriana</i>	Broad-leaf Box	R		RA	-							RA	-
MYRTACEAE	<i>Eucalyptus brachycalyx</i>	Gilja			NT	0	RA	DD	RA	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus calycogona ssp. calycogona</i>	Square-fruit Mallee			RA	0					RA	0		
MYRTACEAE	<i>Eucalyptus calycogona ssp. trachybasis</i>	Square-fruit Mallee			LC	0					LC	0	LC	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
MYRTACEAE	<i>Eucalyptus camaldulensis</i> var. <i>camaldulensis</i>	River Red Gum			RA	--			NT	--	RA	--	RA	DD
MYRTACEAE	<i>Eucalyptus cosmophylla</i>	Cup Gum			DD	DD					DD	DD		
MYRTACEAE	<i>Eucalyptus cyanophylla</i>	Blue-leaf Mallee			NT	0	RA	0	DD	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus diversifolia</i> ssp. <i>diversifolia</i>	Coastal White Mallee			NT	0					RA	0	LC	0
MYRTACEAE	<i>Eucalyptus dumosa</i>	White Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus fasciculosa</i>	Pink Gum		R	NT	DD					RA	DD	NT	DD
MYRTACEAE	<i>Eucalyptus gracilis</i>	Yorrell			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus incrassata</i>	Ridge-fruited Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus largiflorens</i>	River Box			RA	-	VU	DD	NT	--	RA	-		
MYRTACEAE	<i>Eucalyptus leptophylla</i>	Narrow-leaf Red Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus leucoxylon</i> ssp. <i>leucoxylon</i>	South Australian Blue Gum			RA	0					RA	0		
MYRTACEAE	<i>Eucalyptus leucoxylon</i> ssp. <i>pruinosa</i>	Inland South Australian Blue Gum			RA	0							RA	0
MYRTACEAE	<i>Eucalyptus leucoxylon</i> ssp. <i>stephaniae</i>	Scrubby Blue Gum			NT	0					RA	DD	LC	0
MYRTACEAE	<i>Eucalyptus microcarpa</i>	Grey Box			RA	DD							RA	DD
MYRTACEAE	<i>Eucalyptus odorata</i>	Peppermint Box			RA	0					RA	0	RA	0
MYRTACEAE	<i>Eucalyptus oleosa</i> ssp. <i>ampliata</i>	Red Mallee			RA	DD					RA	DD		
MYRTACEAE	<i>Eucalyptus oleosa</i> ssp. <i>oleosa</i>	Red Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus phenax</i> ssp. <i>compressa</i>	Kangaroo Island Mallee		R	VU	-					VU	-		
MYRTACEAE	<i>Eucalyptus phenax</i> ssp. <i>phenax</i>	White Mallee			NT	0			RA	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus porosa</i>	Mallee Box			NT	0	DD	DD	RA	DD	LC	0	RA	0
MYRTACEAE	<i>Eucalyptus rugosa</i>	Coastal White Mallee			RA	DD					RA	DD	RA	DD
MYRTACEAE	<i>Eucalyptus socialis</i> ssp. <i>socialis</i>	Beaked Red Mallee			LC	0	LC	0	RA	DD	LC	0	LC	0
MYRTACEAE	<i>Eucalyptus socialis</i> ssp. <i>viridans</i>	Beaked Red Mallee			NT	0					LC	0	RA	DD
MYRTACEAE	<i>Eucalyptus viminalis</i> ssp. <i>cygnetensis</i>	Rough-bark Manna Gum			RA	0					VU	-	RA	0
MYRTACEAE	<i>Eucalyptus wimmerensis</i>	Wimmera Mallee		R	NE								NE	
MYRTACEAE	<i>Eucalyptus yalataensis</i>	Yalata Mallee			LC	0					LC	0		
COMPOSITAE	<i>Euchiton collinus</i>	Creeping Cudw eed			RA	DD			NE	NE			RA	DD
COMPOSITAE	<i>Euchiton involucreatus</i>	Star Cudw eed			NE					NE				
COMPOSITAE	<i>Euchiton sphaericus</i>	Annual Cudw eed			LC	0	RA	DD	LC	0	LC	0	LC	0
GRAMINEAE	<i>Eulalia aurea</i>	Silky Brow n-top			EN	--			EN	--	EN	--		
EUPHORBIACEAE	<i>Euphorbia tannensis</i> ssp. <i>eremophila</i>	Desert Spurge			RA	DD	RA	DD	RA	DD	RA	DD		
SCROPHULARIACEAE	<i>Euphrasia collina</i> ssp. <i>tetragona</i>	Coast Eyebright			RA	0					EN	-	NT	0
LEGUMINOSAE	<i>Eutaxia diffusa</i>	Large-leaf Eutaxia			RA	-					RA	DD	RA	-
LEGUMINOSAE	<i>Eutaxia microphylla</i>	Common Eutaxia			LC	0	LC	0	NT	0	LC	0	LC	0
SANTALACEAE	<i>Exocarpos aphyllus</i>	Leafless Cherry			LC	0	LC	0	LC	0	LC	0	RA	DD
SANTALACEAE	<i>Exocarpos cupressiformis</i>	Native Cherry			NT	0					VU	-	LC	0
SANTALACEAE	<i>Exocarpos sparteus</i>	Slender Cherry			NT	0	RA	0	VU	DD	LC	0	LC	0
SANTALACEAE	<i>Exocarpos strictus</i>	Pale-fruit Cherry		R	VU	-	VU	DD	RA	-			VU	DD
CYPERACEAE	<i>Ficinia nodosa</i>	Knobby Club-rush			LC	0					NT	0	LC	0
CYPERACEAE	<i>Fimbristylis dichotoma</i>	Common Fringe-rush			RA	DD	RA	DD						
CYPERACEAE	<i>Fimbristylis velata</i>	Veiled Fringe-rush			NT	-			NT	-	RA	-		
FRANKENIACEAE	<i>Frankenia foliosa</i>	Leafy Sea-heath			RA	0					RA	0		
FRANKENIACEAE	<i>Frankenia pauciflora</i> var. <i>gunnii</i>	Southern Sea-heath			LC	+			LC	+				
FRANKENIACEAE	<i>Frankenia serpyllifolia</i>	Thyme Sea-heath			NT	0	LC	0	LC	0	RA	0		
CYPERACEAE	<i>Gahnia deusta</i>	Limestone Saw -sedge			LC	0					LC	0	LC	0
CYPERACEAE	<i>Gahnia filum</i>	Thatching Grass			RA	-					RA	-	RA	DD
CYPERACEAE	<i>Gahnia lanigera</i>	Black Grass Saw -sedge			LC	0	NT	DD			LC	0	LC	0
CYPERACEAE	<i>Gahnia trifida</i>	Cutting Grass			RA	-					RA	-	RA	DD
RUBIACEAE	<i>Galium bulliformis</i>	Reflexed Bedstraw			VU	-	VU	-						
RUBIACEAE	<i>Galium compactum</i>	Compact Bedstraw			VU	-					VU	-		
RUBIACEAE	<i>Galium gaudichaudii</i> ssp. <i>gaudichaudii</i>	Rough Bedstraw			EN	-					EN	-	NE	
RUBIACEAE	<i>Galium leptogonium</i>	Reflexed Bedstraw			RA	DD			RA	DD				
RUTACEAE	<i>Geijera linearifolia</i>	Sheep Bush			NT	-	NT	-	VU	-	LC	0		
RUTACEAE	<i>Geijera parviflora</i>	Wilga		R	VU	-	VU	-			RE			
ORCHIDACEAE	<i>Genoplesium nigricans</i>	Black Midge-orchid			LC	-					NT	--	LC	-
ORCHIDACEAE	<i>Genoplesium rufum</i>	Red Midge-orchid			NT	-					NT	-	RA	-
CRUCIFERAE	<i>Geococcus pusillus</i>	Earth Cress			NT	0	LC	0	RA	-	LC	0		
GERANIACEAE	<i>Geranium potentilloides</i> var. <i>potentilloides</i>	Dow ny Geranium			NT	0					RA	0	NT	0
GERANIACEAE	<i>Geranium retrorsum</i>	Grassland Geranium			NT	0					RA	0	NT	0
GERANIACEAE	<i>Geranium solanderi</i> var. <i>solanderi</i>	Austral Geranium			NT	0					RA	0	NT	0
AIZOACEAE	<i>Glinus lotoides</i>	Hairy Carpet-w eed			RA	-	RA	DD	NT	DD	VU	-		
AIZOACEAE	<i>Glinus oppositifolia</i>	Slender Carpet-w eed			NE					NE				
HALORAGACEAE	<i>Glischrocaryon behrii</i>	Golden Pennants			NT	0	RA	DD			LC	0	LC	0
ORCHIDACEAE	<i>Glossodia major</i>	Purple Cockatoo			NT	-					RA	DD	NT	-
SCROPHULARIACEAE	<i>Glossostigma diandrum</i>	Tw o-anther Mud-mat			NT	0			NT	0			NT	0
SCROPHULARIACEAE	<i>Glossostigma elatinooides</i>	Small Mud-mat			NT	0			NT	0	NT	0		
GRAMINEAE	<i>Glyceria australis</i>	Australian Sw eet-grass			DD	DD					DD	DD		
LEGUMINOSAE	<i>Glycine canescens</i>	Silky Glycine			RA	0			RA	0				
LEGUMINOSAE	<i>Glycine latrobeana</i>	Clover Glycine		VU	V	VU	DD						VU	DD
LEGUMINOSAE	<i>Glycine rubiginosa</i>	Tw ining Glycine			NT	DD			RA	DD	NT	DD		

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
LEGUMINOSAE	<i>Glycyrrhiza acanthocarpa</i>	Native Liquorice			NT	-			NT	-	RA	-		
COMPOSITAE	<i>Gnaphalium indutum ssp. indutum</i>	Tiny Cudweed			RA	DD					RA	DD	RA	DD
COMPOSITAE	<i>Gnephosis arachnoidea</i>	Spidery Button-flower			RA	DD	RA	DD						
COMPOSITAE	<i>Gnephosis drummondii</i>	Slender Golden-tip			RA	DD							RA	DD
COMPOSITAE	<i>Gnephosis tenuissima</i>	Dwarf Golden-tip			RA	DD	RA	DD	RA	DD				
LEGUMINOSAE	<i>Gompholobium ecostatum</i>	Dwarf Wedge-pea			LC	0							LC	0
HALORAGACEAE	<i>Gonocarpus elatus</i>	Hill Raspwort			RA	0					RA	0		
HALORAGACEAE	<i>Gonocarpus meizianus</i>	Broad-leaf Raspwort			RA	0					RA	0	RA	0
HALORAGACEAE	<i>Gonocarpus tetragynus</i>	Small-leaf Raspwort			NT	0					RA	0	LC	0
GOODENIACEAE	<i>Goodenia blackiana</i>	Native Primrose			LC	0							LC	0
GOODENIACEAE	<i>Goodenia elongata</i>	Lanky Goodenia		E	EN	DD							EN	DD
GOODENIACEAE	<i>Goodenia fascicularis</i>	Silky Goodenia			NT	0	LC	0	NT	0	RA	DD		
GOODENIACEAE	<i>Goodenia geniculata</i>	Bent Goodenia			NT	0					RA	DD	LC	0
GOODENIACEAE	<i>Goodenia glauca</i>	Pale Goodenia			NT	-	RA	DD	LC	-	RA	-		
GOODENIACEAE	<i>Goodenia gracilis</i>	Grampians Goodenia		V	EN	0							EN	0
GOODENIACEAE	<i>Goodenia havilandii</i>	Hill Goodenia			RA	DD	RA	DD						
GOODENIACEAE	<i>Goodenia heteromera</i>	Spreading Goodenia		R	VU	-			VU	-			VU	DD
GOODENIACEAE	<i>Goodenia humilis</i>	Swamp Goodenia			VU	-							VU	-
GOODENIACEAE	<i>Goodenia ovata</i>	Hop Goodenia			VU	-					VU	-		
GOODENIACEAE	<i>Goodenia pinnatifida</i>	Cut-leaf Goodenia			NT	0	LC	0	RA	DD	LC	0	NT	0
GOODENIACEAE	<i>Goodenia pusilliflora</i>	Small-flower Goodenia			NT	0	LC	0	RA	DD	LC	0		
GOODENIACEAE	<i>Goodenia robusta</i>	Woolly Goodenia			LC	0	NT	0			LC	0	LC	0
GOODENIACEAE	<i>Goodenia varia</i>	Sticky Goodenia			LC	0	LC	0	RA	DD	LC	0	LC	0
GOODENIACEAE	<i>Goodenia willisiana</i>	Silver Goodenia			LC	0	LC	0	RA	DD	LC	0	LC	0
LEGUMINOSAE	<i>Goodia medicaginea</i>	Western Golden-tip			RA	0					VU	-	RA	0
SOLANACEAE	<i>Grammosolen dixonii</i>				NT	0	LC	0	RA	-	NT	0		
SCROPHULARIACEAE	<i>Gratiola pedunculata</i>	Stalked Brooklime		R	RA	DD			RA	DD	RA	DD		
SCROPHULARIACEAE	<i>Gratiola peruviana</i>	Austral Brooklime			RA	-			RA	-	RA	-		
SCROPHULARIACEAE	<i>Gratiola pubescens</i>	Glandular Brooklime		R	VU	-			EN	-			VU	DD
SCROPHULARIACEAE	<i>Gratiola pumilo</i>	Dwarf Brooklime		R	VU	-			VU	--	VU	-	VU	DD
PROTEACEAE	<i>Grevillea angustiloba ssp. angustiloba</i>	Dissected Holly-leaf Grevillea		E*	VU	DD					EN	DD	VU	DD
PROTEACEAE	<i>Grevillea angustiloba ssp. wirregaensis</i>	Dissected Holly-leaf Grevillea		E	EN	DD							EN	DD
PROTEACEAE	<i>Grevillea huegelii</i>	Comb Grevillea			NT	-	LC	0	RA	-	NT	-	RA	-
PROTEACEAE	<i>Grevillea ilicifolia ssp. ilicifolia</i>	Holly-leaf Grevillea			RA	-					VU	-	RA	DD
PROTEACEAE	<i>Grevillea ilicifolia ssp. lobata</i>	Lobed Holly-leaf Grevillea			NT	0					RA	DD	LC	0
PROTEACEAE	<i>Grevillea lavandulacea ssp. lavandulacea</i>	Spider-flower			NT	0					RA	-	LC	0
PROTEACEAE	<i>Grevillea pterosperma</i>	Dune Grevillea			NT	-	RA	DD	RA	-	RA	-	LC	0
GYROSTEMONACEAE	<i>Gyrostemon australasicus</i>	Buckbush Wheel-fruit			NT	0			RA	DD	RA	0	LC	0
GYROSTEMONACEAE	<i>Gyrostemon thesioides</i>	Broom Wheel-fruit			VU	-					VU	-	VU	-
PROTEACEAE	<i>Hakea carinata</i>	Erect Hakea			RA	DD							RA	DD
PROTEACEAE	<i>Hakea leucoptera ssp. leucoptera</i>	Silver Needlewood			NT	-	LC	0	NT	-	NT	-		
PROTEACEAE	<i>Hakea mitchellii</i>	Heath Needlebush			LC	0	DD	DD			NT	-	LC	0
PROTEACEAE	<i>Hakea nodosa</i>	Yellow Hakea			RA	DD							RA	DD
PROTEACEAE	<i>Hakea repullulans</i>	Furze Hakea			NT	0							NT	0
PROTEACEAE	<i>Hakea rostrata</i>	Beaked Hakea			NT	0					RA	-	LC	0
PROTEACEAE	<i>Hakea rugosa</i>	Dwarf Hakea			RA	0					VU	-	NT	0
PROTEACEAE	<i>Hakea tephrosperma</i>	Hooked Needlewood		R	VU	-	RA	DD	EN	-	EN	-		
PROTEACEAE	<i>Hakea vittata</i>	Limestone Needlebush			RA	0							RA	0
BORAGINACEAE	<i>Halgania andromedifolia</i>	Scented Blue-flower			NT	0	NT	-	RA	0	LC	0	LC	0
BORAGINACEAE	<i>Halgania cyanea</i>	Rough Blue-flower			LC	0	LC	0			LC	0	LC	0
HALORAGACEAE	<i>Haloragis acutangula forma acutangula</i>	Smooth Raspwort			RA	-					RA	-		
HALORAGACEAE	<i>Haloragis acutangula forma inflata</i>	Smooth Raspwort			RA	-					RA	-		
HALORAGACEAE	<i>Haloragis acutangula forma subacutangula</i>	Smooth Raspwort			RA	-	RA	-			RA	-		
HALORAGACEAE	<i>Haloragis acutangula forma tetraptera</i>	Smooth Raspwort			RA	-	RA	-	RA	-	RA	-	RA	-
HALORAGACEAE	<i>Haloragis aspera</i>	Rough Raspwort			RA	-			RA	-	RA	-	RA	0
HALORAGACEAE	<i>Haloragis eichleri</i>	Eichler's Raspwort		R	RA	DD					RA	DD	RA	DD
HALORAGACEAE	<i>Haloragis glauca forma glauca</i>	Bluish Raspwort			VU	-			VU	-	VU	-		
HALORAGACEAE	<i>Haloragis heterophylla</i>	Variable Raspwort			VU	-							VU	-
HALORAGACEAE	<i>Haloragis myriocarpa</i>			R	RE						RE			
HALORAGACEAE	<i>Haloragis odontocarpa forma pterocarpa</i>	Mulga Nettle			VU	-	RA	DD	VU	-	EN	-	EN	-
LEGUMINOSAE	<i>Hardenbergia violacea</i>	Native Lilac			RA	0					RA	0		
CRUCIFERAE	<i>Harmsiodoxa blennodioides</i>	Hairy-pod Cress			RA	-	LC	0	RA	-	VU	--		
CRUCIFERAE	<i>Harmsiodoxa brevipes var. brevipes</i>	Short Cress			RA	-	LC	0	VU	-	VU	-		
COMPOSITAE	<i>Helichrysum adenophorum var. adenophorum</i>	Branched Everlasting			RA	DD					RE		RA	DD
COMPOSITAE	<i>Helichrysum leucopsidium</i>	Satin Everlasting			NT	0	NT	0	RA	0	LC	0	LC	0
COMPOSITAE	<i>Helichrysum scorpioides</i>	Button Everlasting			NT	0					RA	DD	LC	0
BORAGINACEAE	<i>Heliotropium asperrimum</i>	Rough Heliotrope			VU	-					VU	-		
BORAGINACEAE	<i>Heliotropium europaeum</i>	Common Heliotrope			LC	0	LC	0	LC	0	LC	0		
GRAMINEAE	<i>Hemarthria uncinata var. uncinata</i>	Mat Grass			RE				RE		RE			
AMARANTHACEAE	<i>Hemichroa pentandra</i>	Trailing Hemichroa			RA	-			RE		RA	-		

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
DILLENIACEAE	<i>Hibbertia australis</i>	Stalked Guinea-flow er			RA	-							RA	-
DILLENIACEAE	<i>Hibbertia fasciculata</i>	Bundled Guinea-flow er			VU	DD							VU	DD
DILLENIACEAE	<i>Hibbertia riparia</i>	Bristly Guinea-flow er			LC	0					LC	0	LC	0
DILLENIACEAE	<i>Hibbertia sericea</i>	Silky Guinea-flow er			LC	0					LC	0	LC	0
DILLENIACEAE	<i>Hibbertia sp. Glabriuscula (D.J.Whibley 9012)</i>	Smooth Guinea-flow er			LC	0					LC	0	LC	0
DILLENIACEAE	<i>Hibbertia virgata</i>	Twiggy Guinea-flow er			NT	0	RA	0	VU	-	LC	0	LC	0
MALVACEAE	<i>Hibiscus krichauffianus</i>	Velvet-leaf Hibiscus			EN	-			EN	-	EN	-		
COMPOSITAE	<i>Hyalosperma demissum</i>	Dwarf Sunray			RA	-					RA	-	RA	DD
COMPOSITAE	<i>Hyalosperma glutinosum ssp. glutinosum</i>	Golden Sunray			NT	0	RA	DD			LC	0		
COMPOSITAE	<i>Hyalosperma semisterile</i>	Orange Sunray			NT	0	LC	0	RA	0	LC	0	RA	DD
COMPOSITAE	<i>Hyalosperma stoveae</i>	Dwarf Sunray		R	EN	DD	EN	DD						
VIOLACEAE	<i>Hybanthus floribundus ssp. floribundus</i>	Shrub Violet			NT	0	NT	0	RA	-	LC	0		
HYDROCHARITACEAE	<i>Hydrilla verticillata</i>	Waterthyme		R	RA	DD			RA	DD	RA	DD		
UMBELLIFERAE	<i>Hydrocotyle callicarpa</i>	Tiny Pennywort			NT	0					RA	-	NT	0
UMBELLIFERAE	<i>Hydrocotyle capillaris</i>	Thread Pennywort			RA	0					RA	0		
UMBELLIFERAE	<i>Hydrocotyle foveolata</i>	Yellow Pennywort			RA	0					RA	0	RA	0
UMBELLIFERAE	<i>Hydrocotyle laxiflora</i>	Stinking Pennywort			LC	0							LC	0
UMBELLIFERAE	<i>Hydrocotyle medicaginoides</i>	Medic Pennywort			RA	0					RA	0		
UMBELLIFERAE	<i>Hydrocotyle muscosa</i>	Mossy Pennywort			RA	DD							RA	DD
UMBELLIFERAE	<i>Hydrocotyle pilifera var. glabrata</i>	Buttercup Pennywort			NT	0					LC	0	RA	DD
UMBELLIFERAE	<i>Hydrocotyle rugulosa</i>	Mallee Pennywort			LC	0					LC	0	NT	0
UMBELLIFERAE	<i>Hydrocotyle verticillata</i>	Shield Pennywort			LC	0					LC	0		
GUTTIFERAE	<i>Hypericum gramineum</i>	Small St John's Wort			RA	0					VU	-	RA	0
RESTIONACEAE	<i>Hypolaena fastigiata</i>	Tassel Rope-rush			NT	0					RA	0	LC	0
HYPOXIDACEAE	<i>Hypoxis glabella var. glabella</i>	Tiny Star			LC	0					LC	0	LC	0
HYPOXIDACEAE	<i>Hypoxis vaginata var. vaginata</i>	Yellow Star			VU	-							VU	-
GRAMINEAE	<i>Isachne globosa</i>	Swamp Millet			VU	-					VU	-		
ISOETACEAE	<i>Isoetes drummondii ssp. drummondii</i>	Plain Quillwort		R	VU	-							VU	-
COMPOSITAE	<i>Isoetopsis graminifolia</i>	Grass Cushion			NT	0	LC	0	RA	0	LC	0		
CYPERACEAE	<i>Isolepis australiensis</i>	Southern Club-rush			VU	-			VU	-	VU	-		
CYPERACEAE	<i>Isolepis cernua</i>	Nodding Club-rush			RA	DD					RA	DD	RA	DD
CYPERACEAE	<i>Isolepis fluitans</i>	Floating Club-rush			VU	-					VU	-	VU	-
CYPERACEAE	<i>Isolepis inundata</i>	Swamp Club-rush			RA	-					RA	-		
CYPERACEAE	<i>Isolepis platycarpa</i>	Flat-fruit Club-rush			RA	DD							RA	DD
CYPERACEAE	<i>Isolepis stellata</i>	Star Club-rush			VU	-					EN	-	VU	-
PROTEACEAE	<i>Iso pogon ceratophyllus</i>	Horny Cone-bush			NT	0					RA	DD	LC	0
COMPOSITAE	<i>Ixodia achillaeoides ssp. alata</i>	Hills Daisy			RA	DD					RA	DD	RA	DD
OLEACEAE	<i>Jasminum didymum ssp. lineare</i>	Native Jasmine			RA	-	RA	DD	VU	-	DD	DD		
JUNACEAE	<i>Juncus amabilis</i>			V	EN	-							EN	-
JUNACEAE	<i>Juncus aridicola</i>	Inland Rush			LC	0			LC	0	LC	0		
JUNACEAE	<i>Juncus australis</i>	Austral Rush		R	EN	-							EN	-
JUNACEAE	<i>Juncus bufonius</i>	Toad Rush			NT	0			RA	0	RA	0	LC	0
JUNACEAE	<i>Juncus caespiticius</i>	Grassy Rush			EN	-					EN	-		
JUNACEAE	<i>Juncus flavidus</i>	Yellow Rush			RA	DD					RA	DD		
JUNACEAE	<i>Juncus holoschoenus</i>	Joint-leaf Rush			VU	-					EN	-	RA	-
JUNACEAE	<i>Juncus kraussii</i>	Sea Rush			NT	+					LC	+	RA	+
JUNACEAE	<i>Juncus pallidus</i>	Pale Rush			NT	-					RA	-	LC	-
JUNACEAE	<i>Juncus pauciflorus</i>	Loose-flow er Rush			VU	-					VU	-		
JUNACEAE	<i>Juncus prismatocarpus</i>	Branching Rush		E	EN	-					EN	-		
JUNACEAE	<i>Juncus radula</i>	Hoary Rush		V	VU	-							VU	-
JUNACEAE	<i>Juncus sarophorus</i>				RA	-					RA	-		
JUNACEAE	<i>Juncus subsecundus</i>	Finger Rush			NT	0					RA	DD	LC	0
LEGUMINOSAE	<i>Kennedia prostrata</i>	Scarlet Runner			NT	0					RA	DD	LC	0
COMPOSITAE	<i>Kippistia suaedifolia</i>	Fleshy Kippistia			VU	DD	VU	DD						
MYRTACEAE	<i>Kunzea pomifera</i>	Muntries			NT	0					RA	0	LC	0
GRAMINEAE	<i>Lachnagrostis aemula</i>	Blow n-grass			VU	-							VU	-
GRAMINEAE	<i>Lachnagrostis billardierei ssp. billardierei</i>	Coast Blow n-grass			RA	DD					RA	DD	RA	DD
GRAMINEAE	<i>Lachnagrostis filiformis</i>	Common Blow n-grass			LC	0	LC	0	LC	0	LC	+	LC	0
GRAMINEAE	<i>Lachnagrostis robusta</i>	Tall Blow n-grass		R	VU	0			EN	-	RA	0		
COMPOSITAE	<i>Lagenophora huegelii</i>	Coarse Bottle-daisy			RA	-					RA	-	RA	-
STERCULIACEAE	<i>Lasiopetalum baueri</i>	Slender Velvet-bush			LC	0					LC	0	LC	0
STERCULIACEAE	<i>Lasiopetalum behrii</i>	Pink Velvet-bush			LC	0	NT	0			LC	0	LC	0
MALVACEAE	<i>Lawrenzia berthae</i>	Showy Law rencia		R	RA	-	RA	DD	VU	-	RA	DD		
MALVACEAE	<i>Lawrenzia glomerata</i>	Clustered Law rencia			NT	0	LC	0	RA	0	NT	0		
MALVACEAE	<i>Lawrenzia squamata</i>	Thorny Law rencia			LC	0	LC	0	NT	0	LC	0		
LILIACEAE	<i>Laxmannia orientalis</i>	Dwarf Wire-lily			LC	0					NT	0	LC	0
COMPOSITAE	<i>Leiocarpa pluriseta</i>			R	RA	DD					RA	DD		
COMPOSITAE	<i>Leiocarpa tomentosa</i>	Woolly Plover-daisy			RA	-			RA	-	RA	-		
COMPOSITAE	<i>Leiocarpa websteri</i>	Narrow Plover-daisy			NT	0	NT	DD	NT	DD	NT	0		
RUTACEAE	<i>Leionema microphyllum</i>	Limestone Phebalium		R	VU	-					RE		VU	-

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
LEMNACEAE	<i>Lemna disperma</i>	Common Duckweed			RA	0			RA	0	RA	0		
LEMNACEAE	<i>Lemna trisulca</i>	Ivy-leaf Duckweed			RE						RE			
COMPOSITAE	<i>Lemooria burkittii</i>	Wires-and-wool			LC	0	LC	0						
CRUCIFERAE	<i>Lepidium fasciculatum</i>	Bundled Peppergrass			VU	-	VU	-	VU	-				
CRUCIFERAE	<i>Lepidium leptopetalum</i>	Shrubby Peppergrass			NT	0	LC	0	RA	0	LC	0		
CRUCIFERAE	<i>Lepidium monoplacoides</i>	Winged Peppergrass	EN	E*	RE				RE					
CRUCIFERAE	<i>Lepidium oxytrichum</i>	Green Peppergrass			RA	DD	RA	DD						
CRUCIFERAE	<i>Lepidium papillosum</i>	Warty Peppergrass			NT	-	LC	0	RA	-	RA	-		
CRUCIFERAE	<i>Lepidium phlebopetalum</i>	Veined Peppergrass			NT	0	LC	0			RA	DD		
CRUCIFERAE	<i>Lepidium pseudohyssopifolium</i>				LC	0			LC	0	LC	0		
CRUCIFERAE	<i>Lepidium pseudotasmanicum</i>	Shade Peppergrass		V	NE				NE		NE			
CRUCIFERAE	<i>Lepidium sagittulatum</i>	Fine-leaf Peppergrass			RA	DD	RA	DD	RA	DD	RA	DD		
RESTIONACEAE	<i>Lepidobolus drapetocoleus</i>	Scale Shedder			NT	0					RA	0	LC	0
CYPERACEAE	<i>Lepidosperma canescens</i>	Hoary Rapier-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma carphoides</i>	Black Rapier-sedge			LC	0					LC	0	LC	0
CYPERACEAE	<i>Lepidosperma concavum</i>	Spreading Sw ord-sedge			NT	0					RA	0	LC	0
CYPERACEAE	<i>Lepidosperma congestum</i>				RA	0					RA	0	RA	0
CYPERACEAE	<i>Lepidosperma curtisiae</i>	Little Sw ord-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma laterale</i>	Tall Sw ord-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma longitudinale</i>	Pithy Sw ord-sedge			VU	-					RE		VU	-
CYPERACEAE	<i>Lepidosperma semiteres</i>	Wire Rapier-sedge			RA	0							RA	0
CYPERACEAE	<i>Lepidosperma viscidum</i>	Sticky Sw ord-sedge			LC	0	LC	0	RA	DD	LC	0	LC	0
ZANNICHELLIACEAE	<i>Lepilaena australis</i>	Austral Water-mat			VU	-					EN	-	VU	-
ZANNICHELLIACEAE	<i>Lepilaena bilocularis</i>	Small-fruit Water-mat			EN	-			EN	-				
ZANNICHELLIACEAE	<i>Lepilaena preissii</i>	Slender Water-mat			RA	0					RA	0		
ORCHIDACEAE	<i>Leporella fimbriata</i>	Fringed Hare-orchid			NT	0					RA	DD	LC	0
RESTIONACEAE	<i>Leptocarpus tenax</i>	Slender Tw ine-rush			RA	0					RA	DD	RA	0
ORCHIDACEAE	<i>Leptoceras menziesii</i>	Hare Orchid			RA	DD							RA	DD
GRAMINEAE	<i>Leptochloa fusca ssp. fusca</i>	Brown Beetle-grass			VU	-			VU	-				
GRAMINEAE	<i>Leptochloa fusca ssp. muelleri</i>	Brown Beetle-grass			VU	-			VU	-	VU	-		
SANTALACEAE	<i>Leptomeria aphylla</i>	Leafless Currant-bush			NT	-	DD	DD			RA	-	NT	-
COMPOSITAE	<i>Leptorhynchos baileyi</i>	Bailey's Buttons			RA	-	RA	-						
COMPOSITAE	<i>Leptorhynchos elongatus</i>	Lanky Buttons		R	VU	-					VU	-		
COMPOSITAE	<i>Leptorhynchos scaber</i>	Annual Buttons		R	EN	DD	EN	DD						
COMPOSITAE	<i>Leptorhynchos squamatus ssp. squamatus</i>	Scaly Buttons			NT	DD							NT	DD
COMPOSITAE	<i>Leptorhynchos tetrachaetus</i>	Little Buttons			RA	-					RA	-		
COMPOSITAE	<i>Leptorhynchos waitzia</i>	Button Immortelle			RA	-	RA	-	DD	DD	RA	-		
MYRTACEAE	<i>Leptospermum continentale</i>	Prickly Tea-tree			RA	0					VU	-	RA	0
MYRTACEAE	<i>Leptospermum coriaceum</i>	Dune Tea-tree			LC	0	NT	0			LC	0	LC	0
MYRTACEAE	<i>Leptospermum lanigerum</i>	Silky Tea-tree			EN	--					EN	--		
MYRTACEAE	<i>Leptospermum myrsinoides</i>	Heath Tea-tree			NT	0					RA	-	LC	0
RESTIONACEAE	<i>Lepyrodia muelleri</i>	Erect Scale-rush			RA	0							RA	0
EPACRIDACEAE	<i>Leucopogon clelandii</i>	Cleland's Beard-heath		R	RA	-					VU	-	RA	-
EPACRIDACEAE	<i>Leucopogon cordifolius</i>	Heart-leaf Beard-heath			LC	0					LC	0	LC	0
EPACRIDACEAE	<i>Leucopogon costatus</i>	Twiggy Beard-heath			NT	0					RA	DD	LC	0
EPACRIDACEAE	<i>Leucopogon ericoides</i>	Pink Beard-heath			LC	0							LC	0
EPACRIDACEAE	<i>Leucopogon glacialis</i>	Tw isted Beard-heath			NT	0							NT	0
EPACRIDACEAE	<i>Leucopogon rufus</i>	Ruddy Beard-heath			LC	0					LC	0	LC	0
EPACRIDACEAE	<i>Leucopogon virgatus var. brevifolius</i>				RA	DD							RA	DD
EPACRIDACEAE	<i>Leucopogon virgatus var. virgatus</i>	Common Beard-heath			RA	0							RA	0
EPACRIDACEAE	<i>Leucopogon woodsii</i>	Nodding Beard-heath			NT	0					RA	DD	LC	0
STYLIDIACEAE	<i>Levenhookia dubia</i>	Hairy Stylewort			RA	0					RA	-	RA	0
STYLIDIACEAE	<i>Levenhookia pusilla</i>	Tiny Stylewort			RA	-					RA	-	RA	-
UMBELLIFERAE	<i>Lilaeopsis polyantha</i>	Australian Lilaeopsis			VU	-					VU	-		
SCROPHULARIACEAE	<i>Limosella australis</i>	Australian Mudwort			RA	-			RA	DD	RA	-	RA	DD
SCROPHULARIACEAE	<i>Limosella curdieana var. curdieana</i>	Large Mudwort			NT	DD	NT	DD						
LINACEAE	<i>Linum marginale</i>	Native Flax			NT	0	NT	DD	RA	DD	LC	0	NT	0
CYPERACEAE	<i>Lipocarpa microcephala</i>	Button Rush			RA	-			RA	-	RA	-		
CAMPANULACEAE	<i>Lobelia anceps</i>	Angled Lobelia			NT	0					NT	0		
CAMPANULACEAE	<i>Lobelia gibbosa</i>	Tall Lobelia			NT	0					RA	DD	NT	0
CAMPANULACEAE	<i>Lobelia pratioides</i>	Poison Lobelia		R	RA	-							RA	-
LOGANIACEAE	<i>Logania linifolia</i>	Flax-leaf Logania			LC	0					LC	0	LC	0
LOGANIACEAE	<i>Logania minor</i>	Spoon-leaf Logania			VU	DD							VU	DD
LOGANIACEAE	<i>Logania nuda</i>	Leafless Logania			NT	0	LC	0	RA	-	RA	-	NT	0
LOGANIACEAE	<i>Logania ovata</i>	Oval-leaf Logania			RA	DD							RA	DD
LILIACEAE	<i>Lomandra collina</i>	Sand Mat-rush			NT	0	RA	-	RA	-	LC	0	LC	0
LILIACEAE	<i>Lomandra densiflora</i>	Soft Tussock Mat-rush			RA	-					RA	-		
LILIACEAE	<i>Lomandra effusa</i>	Scented Mat-rush			LC	0	LC	0	RA	DD	LC	0	LC	0
LILIACEAE	<i>Lomandra juncea</i>	Desert Mat-rush			LC	0					LC	0	LC	0
LILIACEAE	<i>Lomandra leucocephala ssp. robusta</i>	Woolly Mat-rush			LC	0	LC	0	LC	0	LC	0	LC	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

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LILIACEAE	<i>Lomandra micrantha ssp. micrantha</i>	Small-flow er Mat-rush			LC	0					NT	0	LC	0
LILIACEAE	<i>Lomandra micrantha ssp. tuberculata</i>	Small-flow er Mat-rush			RA	DD					RA	DD	RA	DD
LILIACEAE	<i>Lomandra multiflora ssp. dura</i>	Hard Mat-rush			RA	0					RA	0		
LILIACEAE	<i>Lomandra nana</i>	Small Mat-rush			NT	0					RA	-	NT	0
LILIACEAE	<i>Lomandra sororia</i>	Sw ord Mat-rush			RA	0					VU	-	RA	0
LEGUMINOSAE	<i>Lotus australis</i>	Austral Trefoil			RA	DD			RA	DD	RA	DD		
LEGUMINOSAE	<i>Lotus cruentus</i>	Red-flow er Lotus			RA	0	NT	0	RA	DD	RA	DD		
JUNCAEAE	<i>Luzula meridionalis</i>	Common Wood-rush			RA	DD					RA	DD		
SOLANACEAE	<i>Lycium australe</i>	Australian Boxthorn			LC	0	LC	0	NT	0	LC	0		
LABIATAE	<i>Lycopus australis</i>	Australian Gipsyw ort			RA	-					RA	-		
LORANTHACEAE	<i>Lysiana exocarpi ssp. exocarpi</i>	Harlequin Mistletoe			LC	0	LC	0	LC	0	LC	0		
LYTHRACEAE	<i>Lythrum hyssopifolia</i>	Lesser Loosestrife			LC	+			LC	+	LC	+	LC	0
LYTHRACEAE	<i>Lythrum salicaria</i>	Purple Loosestrife	R		VU	-			VU	-	VU	-		
CHENOPODIAEAE	<i>Maireana aphylla</i>	Cotton-bush			VU	-	VU	-			VU	--		
CHENOPODIAEAE	<i>Maireana appressa</i>	Pale-fruit Bluebush			NT	0	RA	0	LC	0	RA	DD		
CHENOPODIAEAE	<i>Maireana astrotricha</i>	Low Bluebush			VU	--	VU	--						
CHENOPODIAEAE	<i>Maireana brevifolia</i>	Short-leaf Bluebush			LC	+	LC	+	LC	+	LC	+	LC	+
CHENOPODIAEAE	<i>Maireana ciliata</i>	Hairy Fissure-plant			NT	0	DD	DD	LC	0	RA	0		
CHENOPODIAEAE	<i>Maireana decalvans</i>	Black Cotton-bush	E		RA	DD	RA	DD	RA	DD				
CHENOPODIAEAE	<i>Maireana enchylaenoides</i>	Wingless Fissure-plant			LC	0			RE		LC	0	NT	0
CHENOPODIAEAE	<i>Maireana erioclada</i>	Rosy Bluebush			LC	0	LC	0	LC	0	LC	0	RA	DD
CHENOPODIAEAE	<i>Maireana excavata</i>	Bottle Fissure-plant	V		RA	DD					RA	DD		
CHENOPODIAEAE	<i>Maireana georgei</i>	Satiny Bluebush			NT	0	LC	0	RA	0	RA	DD		
CHENOPODIAEAE	<i>Maireana integra</i>	Entire-w ing Bluebush			RA	0	RA	0						
CHENOPODIAEAE	<i>Maireana lobiflora</i>	Lobed Bluebush			RA	0					RA	0		
CHENOPODIAEAE	<i>Maireana oppositifolia</i>	Salt Bluebush			RA	DD					RA	DD		
CHENOPODIAEAE	<i>Maireana pentagona</i>	Slender Fissure-plant	R		RA	-	RA	-	RA	-	RA	DD		
CHENOPODIAEAE	<i>Maireana pentatropis</i>	Erect Mallee Bluebush			LC	0	LC	0	LC	0	LC	0	RA	0
CHENOPODIAEAE	<i>Maireana pyramidata</i>	Black Bluebush			LC	0	LC	0	LC	0	LC	0		
CHENOPODIAEAE	<i>Maireana radiata</i>	Radiate Bluebush			NT	0	LC	0	RA	0	LC	0	RA	DD
CHENOPODIAEAE	<i>Maireana rohrlachii</i>	Rohrlach's Bluebush	R		NT	0	RA	0	RA	-	LC	0		
CHENOPODIAEAE	<i>Maireana sedifolia</i>	Bluebush			NT	0	LC	0	RA	0	LC	0		
CHENOPODIAEAE	<i>Maireana suaeifolia</i>	Lax Bluebush	R		RA	DD	RA	DD						
CHENOPODIAEAE	<i>Maireana trichoptera</i>	Hairy-fruit Bluebush			NT	0	LC	0	RA	0	LC	0		
CHENOPODIAEAE	<i>Maireana triptera</i>	Three-w ing Bluebush			NT	0	LC	0			RA	DD		
CHENOPODIAEAE	<i>Maireana turbinata</i>	Top-fruit Bluebush			RA	0	RA	0	RA	0	RA	0		
CHENOPODIAEAE	<i>Malacocera tricornis</i>	Goat-head Soft-horns			RA	0	RA	0	RA	DD	VU	-		
MALVACEAE	<i>Malva preissiana</i>	Australian Hollyhook			LC	0			LC	0	LC	0		
PITTOPODIAEAE	<i>Marianthus bignoniaceus</i>	Orange Bell-climber			RA	DD					RA	DD		
ASCLEPIADAEEAE	<i>Marsdenia australis</i>	Native Pear			NT	0	NT	0	RA	-				
MARSILEACEAE	<i>Marsilea costulifera</i>	Narrow-leaf Nardoo			RA	--	RA	0	NT	-	RA	-		
MARSILEACEAE	<i>Marsilea drummondii</i>	Common Nardoo			NT	0	RA	0	NT	-	NT	-	RA	0
MARSILEACEAE	<i>Marsilea hirsuta</i>	Short-fruit Nardoo			VU	-			VU	-	VU	-		
MYRTACEAE	<i>Melaleuca acuminata ssp. acuminata</i>	Mallee Honey-myrtle			LC	0					LC	0	LC	0
MYRTACEAE	<i>Melaleuca brevifolia</i>	Short-leaf Honey-myrtle			NT	0					RA	0	LC	0
MYRTACEAE	<i>Melaleuca decussata</i>	Totem-poles			RA	DD					RA	DD	RA	DD
MYRTACEAE	<i>Melaleuca gibbosa</i>	Slender Honey-myrtle			RA	0							RA	0
MYRTACEAE	<i>Melaleuca halmaturorum</i>	Sw amp Paper-bark			VU	DD					VU	DD		
MYRTACEAE	<i>Melaleuca lanceolata</i>	Dryland Tea-tree			LC	0	LC	0	LC	0	LC	0	LC	0
MYRTACEAE	<i>Melaleuca pauperiflora ssp. mutica</i>	Boree			VU	-					VU	-		
MYRTACEAE	<i>Melaleuca uncinata</i>	Broombush			LC	0					LC	0	LC	0
MYRTACEAE	<i>Melaleuca wilsonii</i>	Wilson's Honey-myrtle	R		RA	-							RA	-
MYRTACEAE	<i>Melaleuca xerophila</i>	Boree			RE						RE			
CRUCIFERAE	<i>Menkea australis</i>	Fairy Spectacles			NT	0	LC	0	RA	DD	LC	DD	RA	DD
LABIATAE	<i>Mentha australis</i>	River Mint			RA	-			RA	-	VU	-		
LABIATAE	<i>Mentha diemenica</i>	Slender Mint	R		DD	DD					DD	DD		
LABIATAE	<i>Mentha satereioides</i>	Native Pennyroyal	R		VU	DD							VU	DD
RUTACEAE	<i>Microcybe multiflora ssp. baccharoides</i>	Scale-leaf Microcybe			VU	-					VU	-		
RUTACEAE	<i>Microcybe multiflora ssp. multiflora</i>	Small-leaf Microcybe			RA	-					RA	-		
RUTACEAE	<i>Microcybe pauciflora ssp. pauciflora</i>	Yellow Microcybe			RA	-					RA	-		
CRUCIFERAE	<i>Microlepidium pilosulum</i>	Hairy Shepherd's-purse	R		LC	0					LC	0		
MYRTACEAE	<i>Micromyrtus ciliata</i>	Fringed Heath-myrtle	R		RA	0							RA	0
COMPOSITAE	<i>Microseris lanceolata</i>	Yam Daisy			NT	0					NT	0	NT	0
ORCHIDACEAE	<i>Microtis arenaria</i>	Notched Onion-orchid			NT	-					RA	-	NT	DD
ORCHIDACEAE	<i>Microtis atrata</i>	Yellow Onion-orchid	R		EN	--							EN	--
ORCHIDACEAE	<i>Microtis frutetorum</i>	Sw amp Onion-orchid			VU	-					RA	-	EN	-
ORCHIDACEAE	<i>Microtis orbicularis</i>	Sw amp Onion-orchid	V		EN	--					RE		EN	--
ORCHIDACEAE	<i>Microtis sp. Short-leaf (R.J.Bates 54342)</i>	Sw amp Onion-orchid			EN	--							EN	--
COMPOSITAE	<i>Millotia macrocarpa</i>	Large-fruit Millotia			RA	-	RA	DD	RA	-	RE			
COMPOSITAE	<i>Millotia muelleri</i>	Common Bow -flow er			LC	0	LC	0	LC	0	LC	0	LC	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
COMPOSITAE	<i>Millotia myosotidifolia</i>	Broad-leaf Millotia			NT	0	NT	DD	RA	DD	LC	0		
COMPOSITAE	<i>Millotia perpusilla</i>	Tiny Bow-flow er			NT	-	LC	DD			RA	-		
COMPOSITAE	<i>Millotia tenuifolia var. nudescens</i>	Soft Millotia			NE						NE			
COMPOSITAE	<i>Millotia tenuifolia var. tenuifolia</i>	Soft Millotia			LC	-					LC	-	LC	-
SCROPHULARIACEAE	<i>Mimulus prostratus</i>	Small Monkey-flow er	R		VU	-	VU	-	VU	-				
SCROPHULARIACEAE	<i>Mimulus repens</i>	Creeping Monkey-flow er			LC	0			LC	0	LC	0		
COMPOSITAE	<i>Minuria cunninghamii</i>	Bush Minuria			NT	0	LC	0	LC	0	RA	0		
COMPOSITAE	<i>Minuria denticulata</i>	Woolly Minuria			RA	0	RA	0						
COMPOSITAE	<i>Minuria integerrima</i>	Smooth Minuria			RA	-	RA	DD	VU	-				
COMPOSITAE	<i>Minuria leptophylla</i>	Minnie Daisy			NT	0	LC	0	RA	-	LC	0	RA	DD
EPACRIDACEAE	<i>Monotoca scoparia</i>	Prickly Broom-heath			VU	DD							VU	DD
POLYGONACEAE	<i>Muehlenbeckia adpressa</i>	Climbing Lignum			RA	-					RA	-		
POLYGONACEAE	<i>Muehlenbeckia dielina ssp. dielina</i>	Twiggy Lignum			VU	-	VU	DD			VU	-	VU	DD
POLYGONACEAE	<i>Muehlenbeckia florulenta</i>	Lignum			NT	0	RA	0	LC	0	LC	0	RA	DD
POLYGONACEAE	<i>Muehlenbeckia gunnii</i>	Coastal Climbing Lignum			RA	-					RA	-		
POLYGONACEAE	<i>Muehlenbeckia horrida ssp. horrida</i>	Spiny Lignum	R		VU	-		VU	-	VU	-			
MYOPORACEAE	<i>Myoporum brevipes</i>	Warty Boobialla			VU	-					VU	-		
MYOPORACEAE	<i>Myoporum insulare</i>	Common Boobialla			RA	DD					RA	DD		
MYOPORACEAE	<i>Myoporum montanum</i>	Native Myrtle			LC	0			LC	0	LC	0		
MYOPORACEAE	<i>Myoporum parvifolium</i>	Creeping Boobialla	R		LC	0			LC	0	NT	0		
MYOPORACEAE	<i>Myoporum platycarpum ssp. perbellum</i>	Mallee Sandalw ood			NT	0	RA	DD	RA	-	LC	0	RA	DD
MYOPORACEAE	<i>Myoporum platycarpum ssp. platycarpum</i>	False Sandalw ood			NT	0	LC	0	RA	0	LC	0	RA	DD
RANUNCULACEAE	<i>Miosurus minimus var. australis</i>	Mousetail			RA	-	LC	0	NT	-	EN	-		
COMPOSITAE	<i>Myriocephalus pluriflorus</i>	Inland Woolly-heads			RA	DD	RA	DD						
COMPOSITAE	<i>Myriocephalus rhozocephalus var. rhozocephalus</i>	Woolly-heads			DD	DD	DD	DD			DD	DD	DD	DD
HALORAGACEAE	<i>Myriophyllum amphibium</i>	Broad Milfoil	R		RE						RE			
HALORAGACEAE	<i>Myriophyllum caput-medusae</i>	Coarse Milfoil			EN	-		EN	-	EN	-			
HALORAGACEAE	<i>Myriophyllum crispatum</i>	Upright Milfoil	V		VU	-		VU	-	VU	-			
HALORAGACEAE	<i>Myriophyllum integrifolium</i>	Tiny Milfoil	R		VU	DD							VU	DD
HALORAGACEAE	<i>Myriophyllum papillosum</i>	Robust Milfoil	R		RA	-		RA	-	RA	-			
HALORAGACEAE	<i>Myriophyllum salsugineum</i>	Lake Milfoil			EN	-					EN	-		
HALORAGACEAE	<i>Myriophyllum simulans</i>	Amphibious Milfoil			VU	-		VU	-	EN	-			
HALORAGACEAE	<i>Myriophyllum variifolium</i>	Varied Milfoil	R		EN	-					EN	-		
HALORAGACEAE	<i>Myriophyllum verrucosum</i>	Red Milfoil			NT	-		NT	-	NT	-	RA	DD	
PORTULACACEAE	<i>Neopaxia australasica</i>	White Purslane	R		EN	-					EN	-		
GRAMINEAE	<i>Neurachne alopecuroidea</i>	Fox-tail Mulga-grass			LC	0					LC	0	LC	0
SOLANACEAE	<i>Nicotiana goodspeedii</i>	Small-flow er Tobacco			LC	0	LC	0	LC	0	LC	0		
SOLANACEAE	<i>Nicotiana maritima</i>	Coast Tobacco			RA	0		DD	DD	RA	0			
SOLANACEAE	<i>Nicotiana occidentalis ssp. obliqua</i>	Western Tobacco			RA	DD	RA	DD						
SOLANACEAE	<i>Nicotiana velutina</i>	Velvet Tobacco			NT	-	NT	DD	NT	-	RA	DD		
ZYGOPHYLLACEAE	<i>Nitraria billardiarei</i>	Nitre-bush			LC	+	LC	+	LC	+	LC	+		
GRAMINEAE	<i>Notodanthonia semiannularis</i>	Wetland Wallaby-grass			RA	DD							RA	DD
MYNANTHACEAE	<i>Nymphoides crenata</i>	Wavy Marshw ort	R		EN	-		EN	-	RE				
COMPOSITAE	<i>Olearia axillaris</i>	Coast Daisy-bush			RA	DD							RA	DD
COMPOSITAE	<i>Olearia brachyphylla</i>	Short-leaf Daisy-bush			LC	0					LC	0		
COMPOSITAE	<i>Olearia calcarea</i>	Crinkle-leaf Daisy-bush			RA	DD	RA	DD			RA	DD		
COMPOSITAE	<i>Olearia ciliata var. ciliata</i>	Fringed Daisy-bush			LC	0					NT	-	LC	0
COMPOSITAE	<i>Olearia decurrens</i>	Winged Daisy-bush			NT	0	LC	0			LC	0	RA	0
COMPOSITAE	<i>Olearia floribunda var. floribunda</i>	Heath Daisy-bush			NE	-	NE				NE	NE		
COMPOSITAE	<i>Olearia lanuginosa</i>	Woolly Daisy-bush			LC	0					LC	0	LC	0
COMPOSITAE	<i>Olearia lepidophylla</i>	Clubmoss Daisy-bush			NT	0	RA	0	RA	-	LC	0	LC	0
COMPOSITAE	<i>Olearia magniflora</i>	Splendid Daisy-bush			NT	-	NT	-	RA	-	NT	-		
COMPOSITAE	<i>Olearia minor</i>	Heath Daisy-bush			NE	-	NE				NE			
COMPOSITAE	<i>Olearia muelleri</i>	Mueller's Daisy-bush			NT	0	LC	0	RA	-	LC	0	RA	-
COMPOSITAE	<i>Olearia pannosa ssp. pannosa</i>	Silver Daisy-bush	VU	V	VU	-					VU	-		
COMPOSITAE	<i>Olearia passerinoides ssp. glutescens</i>	Sticky Daisy-bush	R		VU	-	NE				VU	-		
COMPOSITAE	<i>Olearia passerinoides ssp. passerinoides</i>	Feather Daisy-bush			NT	-	RA	-	RA	-	NT	-	NT	-
COMPOSITAE	<i>Olearia picridifolia</i>	Rasp Daisy-bush	R		RA	-					RA	-	RA	-
COMPOSITAE	<i>Olearia pimeleoides ssp. pimeleoides</i>	Pimelea Daisy-bush			LC	0	LC	0	LC	0	LC	0	RA	DD
COMPOSITAE	<i>Olearia ramulosa</i>	Twiggy Daisy-bush			RA	0					RA	0	RA	0
COMPOSITAE	<i>Olearia rudis</i>	Azure Daisy-bush			NT	0					RA	-	NT	0
COMPOSITAE	<i>Olearia subspicata</i>	Spiked Daisy-bush			RA	-	RA	-						
BORAGINACEAE	<i>Omphalolappula concava</i>	Burr Stickseed			NT	-	LC	0	RA	-	NT	-		
RUBIACEAE	<i>Opercularia scabrida</i>	Stalked Stinkw eed			LC	0					NT	0	LC	0
RUBIACEAE	<i>Opercularia turpis</i>	Twiggy Stinkw eed			NT	0	RA	DD			LC	0	LC	0
RUBIACEAE	<i>Opercularia varia</i>	Variable Stinkw eed			RA	0							RA	0
OPHIAGLOSSACEAE	<i>Ophioglossum lusitanicum</i>	Austral Adder's-tongue			RA	-					RA	DD	RA	-
OROBANCHACEAE	<i>Orobancha cernua var. australiana</i>	Australian Broomrape	R		VU	-		VU	-	VU	DD			
ORCHIDACEAE	<i>Orthoceras strictum</i>	Horned Orchid			VU	-							VU	-
CHENOPODIACEAE	<i>Osteocarpum acropterum var. acropterum</i>	Tuberculate Bonefruit			LC	0	NT	0	LC	0				

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
CHENOPODIACEAE	<i>Osteocarpum acropterum</i> var. <i>deminutum</i>	Wingless Bonefruit		R	RA	DD	RA	DD	RA	DD	RA	DD		
CHENOPODIACEAE	<i>Osteocarpum salsuginosum</i>	Inland Bonefruit			RA	-	RA	DD	RA	-	RA	DD		
OXALIDACEAE	<i>Oxalis perennans</i>	Native Sorrel			LC	0	LC	0	LC	0	LC	0	LC	0
OXALIDACEAE	<i>Oxalis radicata</i>	Downy Native Sorrel			RA	0					RA	0		
COMPOSITAE	<i>Ozothamnus decurrens</i>	Ridged Bush-everlasting			LC	0					LC	0	LC	0
COMPOSITAE	<i>Ozothamnus pholidotus</i>	Scaly Haecckeria		V	VU	-			EN	-	VU	-	VU	-
COMPOSITAE	<i>Ozothamnus retusus</i>	Notched Bush-everlasting			NT	0	RA	DD			LC	0	LC	0
CRUCIFERAE	<i>Pachymitis cardaminoides</i>	Sand Cress			NT	-	DD	DD	RA	-	LC	-		
GRAMINEAE	<i>Panicum effusum</i> var. <i>effusum</i>	Hairy Panic			NT	0			RA	DD	LC	0		
GRAMINEAE	<i>Panicum laevinode</i>				EN	-			EN	-				
ORCHIDACEAE	<i>Paracaleana minor</i>	Small Duck-orchid		V	VU	DD							VU	DD
URTICACEAE	<i>Parietaria cardiostegia</i>	Mallee Smooth-nettle			NT	0	LC	0	RA	DD				
URTICACEAE	<i>Parietaria debilis</i>	Smooth-nettle			RA	DD	RA	DD			RA	DD	RA	DD
GERANIACEAE	<i>Pelargonium australe</i>	Austral Stork's-bill			RA	DD	RA	DD			RA	DD	RA	DD
GERANIACEAE	<i>Pelargonium littorale</i>	Native Pelargonium			RA	0					RA	-	RA	0
GERANIACEAE	<i>Pelargonium rodneyanum</i>	Magenta Pelargonium			LC	0							LC	0
GRAMINEAE	<i>Pentapogon quadrifidus</i> var. <i>quadrifidus</i>	Five-awn Spear-grass		R	RA	DD							RA	DD
SCROPHULARIACEAE	<i>Peplidium foecundum</i>	Dwarf Peplidium			RA	DD	RA	DD						
POLYGONACEAE	<i>Persicaria decipiens</i>	Slender Knotweed			VU	-			VU	-	VU	-		
POLYGONACEAE	<i>Persicaria lapathifolia</i>	Pale Knotweed			RA	-			VU	-	RA	-		
POLYGONACEAE	<i>Persicaria prostrata</i>	Creeping Knotweed			RA	-	RA	DD	VU	-	VU	-	RA	DD
PROTEACEAE	<i>Persoonia juniperina</i>	Prickly Geebung			NT	0					RA	DD	LC	0
RUTACEAE	<i>Phebalium bullatum</i>	Silvery Phebalium			NT	0	RA	-	RA	-	LC	0	LC	0
RUTACEAE	<i>Phebalium lowanense</i>	Lowan Phebalium		VU	V	VU	--						VU	--
RUTACEAE	<i>Phebalium stenophyllum</i>	Narrow-leaf Phebalium			RA	DD							RA	DD
ORCHIDACEAE	<i>Pheladenia deformis</i>	Bluebeard Orchid			NT	-					LC	-	RA	-
RUTACEAE	<i>Philothea angustifolia</i> ssp. <i>angustifolia</i>	Narrow-leaf Wax-flow er		R	RA	-					RA	-	RA	-
RUTACEAE	<i>Philothea pungens</i>	Prickly Wax-flow er			LC	-					NT	-	LC	-
CRUCIFERAE	<i>Phlegmatospermum cochlearinum</i>	Downy Cress									NE			
CRUCIFERAE	<i>Phlegmatospermum eremaeum</i>	Spreading Cress		R	RA	DD					RA	DD		
GRAMINEAE	<i>Phragmites australis</i>	Common Reed			NT	0	RA	0	LC	0	LC	0		
LOGANIACEAE	<i>Phyllangium distylis</i>	Tiny Mitrewort		R	VU	-							VU	-
LOGANIACEAE	<i>Phyllangium divergens</i>	Wiry Mitrewort			RA	0					RA	0		
EUPHORBIACEAE	<i>Phyllanthus fuernrohrii</i>	Sand Spurge			RA	DD					RA	DD		
EUPHORBIACEAE	<i>Phyllanthus lacunarius</i>	Lagoon Spurge			RA	DD			RA	DD	RA	DD		
EUPHORBIACEAE	<i>Phyllanthus maderaspatensis</i> var. <i>angustifolius</i>				NE				NE					
LYCOPODIACEAE	<i>Phylloglossum drummondii</i>	Pigmy Clubmoss		R	VU	0							VU	0
LEGUMINOSAE	<i>Phyllota pleurandroides</i>	Heathy Phyllota			NT	0					RA	0	LC	0
LEGUMINOSAE	<i>Phyllota remota</i>	Slender Phyllota			NT	0							NT	0
COMPOSITAE	<i>Picris squarrosa</i>	Squat Picris		R	RA	-			RA	-	RA	-		
MARSILEACEAE	<i>Pilularia novae-hollandiae</i>	Austral Pillwort		R	RA	DD	RA	DD					RA	DD
THYMELAEACEAE	<i>Pimelea curviflora</i> var. <i>gracilis</i>			R	VU	0							VU	0
THYMELAEACEAE	<i>Pimelea flava</i> ssp. <i>dichotoma</i>	Diosma Riceflow er			NT	0					LC	0	RA	0
THYMELAEACEAE	<i>Pimelea glauca</i>	Smooth Riceflow er			LC	0					NT	0	LC	0
THYMELAEACEAE	<i>Pimelea humilis</i>	Low Riceflow er			NT	0					RA	DD	LC	0
THYMELAEACEAE	<i>Pimelea linifolia</i> ssp. <i>linifolia</i>	Slender Riceflow er			RA	DD							RA	DD
THYMELAEACEAE	<i>Pimelea micrantha</i>	Silky Riceflow er			NT	0					NT	0	RA	DD
THYMELAEACEAE	<i>Pimelea microcephala</i> ssp. <i>microcephala</i>	Shrubby Riceflow er			NT	0	LC	0	LC	0	RA	DD		
THYMELAEACEAE	<i>Pimelea octophylla</i>	Woolly Riceflow er			LC	0					LC	0	LC	0
THYMELAEACEAE	<i>Pimelea phyllicoides</i>	Heath Riceflow er			NT	-					RA	-	NT	-
THYMELAEACEAE	<i>Pimelea serpyllifolia</i> ssp. <i>serpyllifolia</i>	Thyme Riceflow er			NT	0					LC	0	RA	DD
THYMELAEACEAE	<i>Pimelea simplex</i> ssp. <i>simplex</i>	Desert Riceflow er			NT	0	LC	0			RA	DD		
THYMELAEACEAE	<i>Pimelea stricta</i>	Erect Riceflow er			LC	0					LC	0	LC	0
THYMELAEACEAE	<i>Pimelea trichostachya</i>	Spiked Riceflow er			NT	0	LC	0	NT	-	RA	DD	RA	DD
THYMELAEACEAE	<i>Pimelea williamsonii</i>	Williamson's Riceflow er		R	RA	DD					VU	DD	RA	DD
PITTOPOREAE	<i>Pittosporum angustifolium</i>	Native Apricot			NT	0	NT	0	NT	0	LC	0	NT	0
BORAGINACEAE	<i>Plagiobothrys elachanthus</i>	Hairy Forget-me-not			VU	DD			VU	DD				
BORAGINACEAE	<i>Plagiobothrys plurisepalus</i>	White Rochelia			NT	0	LC	0	RA	DD	NT	0	NT	DD
PLANTAGINACEAE	<i>Plantago cunninghamii</i>	Clay Plantain			NT	0	LC	0	LC	0	NT	0	VU	DD
PLANTAGINACEAE	<i>Plantago debilis</i>	Shade Plantain			RA	DD							RA	DD
PLANTAGINACEAE	<i>Plantago drummondii</i>	Dark Plantain			NT	0	LC	0	RA	DD	LC	0		
PLANTAGINACEAE	<i>Plantago gaudichaudii</i>	Narrow-leaf Plantain			NT	0							NT	0
PLANTAGINACEAE	<i>Plantago hispida</i>	Hairy Plantain			NT	0							NT	0
PLANTAGINACEAE	<i>Plantago</i> sp. B (R.Bates 44765)	Little Plantain			LC	0	LC	0			LC	0	LC	0
PLANTAGINACEAE	<i>Plantago turritifera</i>	Crowned Plantain			RA	0	NT	0	RA	DD	RA	DD		
ASPLENIACEAE	<i>Pleurosorus rutifolius</i>	Blanket Fern			VU	DD			VU	DD	VU	DD		
GRAMINEAE	<i>Poa crassicaudex</i>	Thick-stem Tussock-grass			RA	DD							RA	DD
GRAMINEAE	<i>Poa drummondiana</i>	Knotted Poa		R	EN	--					EN	--		
GRAMINEAE	<i>Poa fordeana</i>	Forde's Poa			VU	--			VU	--	VU	--		
GRAMINEAE	<i>Poa labillardieri</i> var. <i>labillardieri</i>	Common Tussock-grass			VU	-					VU	-	VU	-

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
GRAMINEAE	<i>Poa morrisii</i>	Soft Tussock-grass		R	VU	DD							VU	DD
GRAMINEAE	<i>Poa rodwayi</i>	Velvet Tussock-grass		R	VU	-							VU	-
COMPOSITAE	<i>Podolepis canescens</i>	Grey Copper-wire Daisy			RA	-	RA	DD	RA	DD	RA	-		
COMPOSITAE	<i>Podolepis capillaris</i>	Wiry Podolepis			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Podolepis jaceoides</i>	Showy Copper-wire Daisy		R	VU	-					VU	-		
COMPOSITAE	<i>Podolepis rugata</i> var. <i>rugata</i>	Pleated Copper-wire Daisy			NT	0	RA	-			LC	0	LC	0
COMPOSITAE	<i>Podolepis tepperi</i>	Delicate Copper-wire Daisy			NT	0	RA	DD			LC	0	NT	0
COMPOSITAE	<i>Podothea angustifolia</i>	Sticky Long-heads			LC	0	LC	0	RA	0	LC	0	LC	0
COMPOSITAE	<i>Pogonolepis muelleriana</i>	Stiff Cup-flower			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Polycalymma stuartii</i>	Poached-egg Daisy			LC	0	NT	0	LC	0	LC	0	LC	0
POLYGONACEAE	<i>Polygonum plebeium</i>	Small Knotweed			RA	-			RA	-	RA	-		
RHAMNACEAE	<i>Pomaderris obcordata</i>	Wedge-leaf Pomaderris			RA	0					RA	0	RA	0
RHAMNACEAE	<i>Pomaderris paniculosa</i> ssp. <i>paniculosa</i>	Mallee Pomaderris			NT	0					NT	0		
EUPHORBIACEAE	<i>Poranthera leioperma</i>	Small Poranthera			RA	DD	RA	DD						
EUPHORBIACEAE	<i>Poranthera microphylla</i>	Small Poranthera			RA	DD					RA	DD	RA	DD
EUPHORBIACEAE	<i>Poranthera triandra</i>	Three-petal Poranthera			RA	DD					RA	DD		
PORTULACACEAE	<i>Portulaca oleracea</i>	Common Purslane			DD	DD					DD	DD		
POTAMOGETONACEAE	<i>Potamogeton crispus</i>	Curly Pondweed			LC	0			LC	0	LC	0		
POTAMOGETONACEAE	<i>Potamogeton ochreatus</i>	Blunt Pondweed		R	EN	-							EN	-
POTAMOGETONACEAE	<i>Potamogeton pectinatus</i>	Fennel Pondweed			RA	-			VU	--	RA	0		
POTAMOGETONACEAE	<i>Potamogeton tepperi</i>	Tepper's Pondweed			VU	-			VU	-	EN	-		
POTAMOGETONACEAE	<i>Potamogeton tricarinatus</i>	Floating Pondweed			NT	0			LC	0	LC	0	RA	-
ORCHIDACEAE	<i>Prasophyllum constrictum</i>	Tawny Leek-orchid		R	DD	DD					DD	DD		
ORCHIDACEAE	<i>Prasophyllum elatum</i>	Tall Leek-orchid			LC	DD					DD	DD	LC	DD
ORCHIDACEAE	<i>Prasophyllum fitzgeraldii</i>	Fitzgerald's Leek-orchid			EN	DD							EN	DD
ORCHIDACEAE	<i>Prasophyllum Gum Lagoon</i>				RA	-							RA	-
ORCHIDACEAE	<i>Prasophyllum occidentale</i>	Plains Leek-orchid			VU	-			DD	DD	VU	-		
ORCHIDACEAE	<i>Prasophyllum occultans</i>	Hidden Leek Orchid			RA	-							RA	-
ORCHIDACEAE	<i>Prasophyllum odoratum</i>	Scented Leek-orchid			NE	-					NE	NE		
ORCHIDACEAE	<i>Prasophyllum sp. Waterholes</i>				CR	-							CR	-
CAMPANULACEAE	<i>Pratia concolor</i>	Poison Pratia		R	RA	-			RA	-	RA	-		
CAMPANULACEAE	<i>Pratia irrigua</i>	Salt Pratia			RA	DD							RA	DD
LABIATAE	<i>Prostanthera aspalathoides</i>	Scarlet Mintbush			LC	0	LC	0	RA	-	LC	0	LC	0
LABIATAE	<i>Prostanthera behriana</i>	Downy Mintbush			RA	-					RA	-	RA	DD
LABIATAE	<i>Prostanthera eurybioides</i>	Monarto Mintbush		EN	E	EN	--				EN	--		
LABIATAE	<i>Prostanthera serpyllifolia</i> ssp. <i>microphylla</i>	Small-leaf Mintbush			NT	0					RA	-	NT	0
LABIATAE	<i>Prostanthera striatiflora</i>	Striated Mintbush			DD	DD	DD	DD						
COMPOSITAE	<i>Pseudognaphalium luteoalbum</i>	Jersey Cudweed			LC	0	NT	0	LC	0	LC	0	LC	0
GRAMINEAE	<i>Pseudoraphis spinescens</i>	Spiny Mud-grass			EN	-			EN	-	EN	-		
DENNISTAEADITACEAE	<i>Pteridium esculentum</i>	Bracken Fern			RA	0							RA	0
PTERIDACEAE	<i>Pteris tremula</i>	Tender Brake		R	RA	DD					RA	DD		
COMPOSITAE	<i>Pterocaulon sphacelatum</i>	Apple-bush			RA	DD	RA	DD	RA	DD				
ORCHIDACEAE	<i>Pterostylis aff. boormanii</i>	Boorman's Greenhood			EN	--					EN	--		
ORCHIDACEAE	<i>Pterostylis aff. nana mallee</i>	Mallee Dwarf Greenhood			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis arenicola</i>	Sandhill Greenhood		VU	V	0					VU	0		
ORCHIDACEAE	<i>Pterostylis biseta</i>	Two-bristle Greenhood			RA	--					RA	--		
ORCHIDACEAE	<i>Pterostylis boormanii</i>	Boorman's Greenhood			RE	-					RE	-	RE	-
ORCHIDACEAE	<i>Pterostylis chlorogramma</i>			VU	E	EN	-						EN	-
ORCHIDACEAE	<i>Pterostylis cobarensis</i>	Inland Rustyhood			RA	-	RA	-						
ORCHIDACEAE	<i>Pterostylis cyanocephala</i>	Swan-head Greenhood			RA	-					RA	-	RA	-
ORCHIDACEAE	<i>Pterostylis dolichocheila</i>	Mallee Shell-orchid			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis erythroconcha</i>	Red Shell-orchid			VU	--					VU	--	VU	--
ORCHIDACEAE	<i>Pterostylis flavovirens</i>	Tall Greenhood			VU	DD					VU	DD		
ORCHIDACEAE	<i>Pterostylis lingua</i>	Large-lipped Rustyhood			VU	-	VU	-						
ORCHIDACEAE	<i>Pterostylis mutica</i>	Midget Greenhood			NT	0	RA	DD			LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis nana</i>	Dwarf Greenhood			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis pedunculata</i>	Maroon-hood			RA	-							RA	-
ORCHIDACEAE	<i>Pterostylis planulata</i>	Flat Rustyhood			EN	0							EN	0
ORCHIDACEAE	<i>Pterostylis plumosa</i>	Bearded Greenhood			VU	-					EN	-	RA	-
ORCHIDACEAE	<i>Pterostylis prasina</i>				NT	-					NT	-	NT	-
ORCHIDACEAE	<i>Pterostylis pusilla</i>	Small Rusty-hood			NT	-					NT	-	NT	-
ORCHIDACEAE	<i>Pterostylis robusta</i>	Large Shell-orchid			NT	-					NT	-	NT	DD
ORCHIDACEAE	<i>Pterostylis sanguinea</i>	Blood Greenhood			LC	0					LC	0	LC	0
ORCHIDACEAE	<i>Pterostylis setifera</i>	Bristly Rustyhood			RE	-					RE	-		
ORCHIDACEAE	<i>Pterostylis sp. Lower Murray (R Edge)</i>				EN	DD					EN	DD		
ORCHIDACEAE	<i>Pterostylis sp. Sand plain (D.N.Kraehenbuehl 5)</i>	Rufous Greenhood		E	RA	0							RA	0
ORCHIDACEAE	<i>Pterostylis sp. Vined leaf (Hale) (NC)</i>				EN	DD					EN	DD		
ORCHIDACEAE	<i>Pterostylis striata</i>	Tall Shell-orchid		R	VU	-							VU	-
ORCHIDACEAE	<i>Pterostylis tasmanica</i>			V	EN	-							EN	-
AMARANTHACEAE	<i>Ptilotus erubescens</i>	Hairy-tails		R	EN	0							EN	0

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
AMARANTHACEAE	<i>Ptilotus exaltatus</i> var. <i>exaltatus</i>	Pink Mulla Mulla			NT	-	LC	0	RA	-	RA	-		
AMARANTHACEAE	<i>Ptilotus gaudichaudii</i> var. <i>parviflorus</i>	Paper Fox-tail			RA	DD	RA	DD						
AMARANTHACEAE	<i>Ptilotus macrocephalus</i>	Feather-heads			EN	-							EN	-
AMARANTHACEAE	<i>Ptilotus obovatus</i> var. <i>obovatus</i>	Silver Mulla Mulla			LC	0	LC	0						
AMARANTHACEAE	<i>Ptilotus polystachyus</i> var. <i>polystachyus</i>	Long-tails			NT	0	NT	DD	RA	0				
AMARANTHACEAE	<i>Ptilotus seminudus</i>	Rabbit-tails			LC	0	LC	0	LC	0	LC	0	LC	0
AMARANTHACEAE	<i>Ptilotus sessilifolius</i> var. <i>sessilifolius</i>	Crimson-tails			RA	DD	RA	DD	RA	DD				
AMARANTHACEAE	<i>Ptilotus spathulatus</i> forma <i>spathulatus</i>	Pussy-tails			NT	0	LC	0	RA	0	LC	0	NT	0
GRAMINEAE	<i>Puccinellia stricta</i> var. <i>perlaxa</i>				RA	-					RA	-		
GRAMINEAE	<i>Puccinellia stricta</i> var. <i>stricta</i>	Australian Saltmarsh-grass			RA	-					RA	-		
LEGUMINOSAE	<i>Pultenaea acerosa</i>	Bristly Bush-pea			RA	0					RA	0	RA	0
LEGUMINOSAE	<i>Pultenaea densifolia</i>	Dense Bush-pea			LC	0					NT	0	LC	0
LEGUMINOSAE	<i>Pultenaea hispida</i>	Rusty Bush-pea			VU	-							VU	-
LEGUMINOSAE	<i>Pultenaea laxiflora</i>	Loose-flow er Bush-pea			RA	-					RA	DD	RA	-
LEGUMINOSAE	<i>Pultenaea pedunculata</i>	Matted Bush-pea			RA	0							RA	0
LEGUMINOSAE	<i>Pultenaea prostrata</i>	Silky Bush-pea			NT	0					RA	DD	LC	0
LEGUMINOSAE	<i>Pultenaea tenuifolia</i>	Narrow -leaf Bush-pea			LC	0					LC	0	LC	0
LEGUMINOSAE	<i>Pultenaea trinervis</i>	Three-nerve Bush-pea			VU	-					VU	-		
COMPOSITAE	<i>Pycnosorus chrysanthes</i>			E	EN	DD							EN	DD
COMPOSITAE	<i>Pycnosorus pleiocephalus</i>	Soft Billy-buttons			NT	-	NT	DD	NT	-	RA	-		
ORCHIDACEAE	<i>Pyrorchis nigricans</i>	Black Fire-orchid			NT	0					RA	-	LC	0
COMPOSITAE	<i>Quinetia urvillei</i>	Quinetia			RA	DD					RA	DD	RA	DD
MALVACEAE	<i>Radyera farragei</i>	Desert Rose Mallow			RA	-	LC	0	VU	-	RA	-		
RANUNCULACEAE	<i>Ranunculus amphitrichus</i>	Small River Buttercup			VU	-					VU	-		
RANUNCULACEAE	<i>Ranunculus inundatus</i>	River Buttercup		R	EN	-					EN	-		
RANUNCULACEAE	<i>Ranunculus pachycarpus</i>	Thick-fruit Buttercup			RA	DD					RA	DD	VU	DD
RANUNCULACEAE	<i>Ranunculus pentandrus</i> var. <i>platycarpus</i>	Smooth Buttercup			RA	-	LC	0	NT	-	RA	-	EN	-
RANUNCULACEAE	<i>Ranunculus pumilio</i> var. <i>politus</i>	Smooth-fruit Ferny Buttercup		V	EN	-	EN	-					EN	-
RANUNCULACEAE	<i>Ranunculus pumilio</i> var. <i>pumilio</i>	Ferny Buttercup			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
RANUNCULACEAE	<i>Ranunculus robertsonii</i>	Slender Buttercup		R	VU	-							VU	-
RANUNCULACEAE	<i>Ranunculus sessiliflorus</i> var. <i>pilulifer</i>	Annual Buttercup		V	EN	-			EN	-	EN	DD	EN	-
RANUNCULACEAE	<i>Ranunculus sessiliflorus</i> var. <i>sessiliflorus</i>	Annual Buttercup			RA	0	RA	0	VU	DD	RA	0	RA	0
CHENOPODIACEAE	<i>Rhagodia candolleana</i> ssp. <i>candolleana</i>	Sea-berry Saltbush			NT	0					NT	0		
CHENOPODIACEAE	<i>Rhagodia crassifolia</i>	Fleshy Saltbush			LC	0					LC	0	NT	0
CHENOPODIACEAE	<i>Rhagodia parabolica</i>	Mealy Saltbush			NT	0	LC	0	RA	0	LC	0		
CHENOPODIACEAE	<i>Rhagodia preissii</i> ssp. <i>preissii</i>	Mallee Saltbush			NT	0	RA	DD			LC	0		
CHENOPODIACEAE	<i>Rhagodia spinescens</i>	Spiny Saltbush			LC	0	LC	0	LC	0	LC	0		
CHENOPODIACEAE	<i>Rhagodia ulicina</i>	Intricate Saltbush			LC	0	LC	0	LC	0	LC	0		
COMPOSITAE	<i>Rhodanthe corymbiflora</i>	Paper Everlasting			NT	-	NT	-	NT	-	NT	-	RA	DD
COMPOSITAE	<i>Rhodanthe floribunda</i>	White Everlasting			RA	--	RA	--	RA	--				
COMPOSITAE	<i>Rhodanthe laevis</i>	Smooth Daisy			NT	-	NT	DD			LC	-	RA	DD
COMPOSITAE	<i>Rhodanthe moschata</i>	Musk Daisy			NT	0	LC	0	RA	-	RE			
COMPOSITAE	<i>Rhodanthe polygalifolia</i>	Milk ert Everlasting			NT	-	LC	DD	RA	DD	NT	-		
COMPOSITAE	<i>Rhodanthe pygmaea</i>	Pigmy Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Rhodanthe stricta</i>	Slender Everlasting			DD	DD	DD	DD			DD	DD		
COMPOSITAE	<i>Rhodanthe stuartiana</i>	Clay Everlasting			LC	0	LC	0	NT	-	LC	0		
COMPOSITAE	<i>Rhodanthe tietkensii</i>	Tietken's Daisy			RA	-	RA	-	RA	-	RA	-		
ASCLEPIADACEAE	<i>Rhyncharrhena linearis</i>	Bush Bean			NT	0	NT	0	RA	0				
CRUCIFERAE	<i>Rorippa dictyosperma</i>	Forest Bitter-cress		R	VU	DD					VU	DD		
CRUCIFERAE	<i>Rorippa eustylis</i>	River Bitter-cress			RA	-			RA	-	VU	-		
CRUCIFERAE	<i>Rorippa laciniata</i>	Jagged Bitter-cress		R	EN	-			EN	-				
POLYGONACEAE	<i>Rumex bidens</i>	Mud Dock			NT	-			NT	DD	RA	-		
POLYGONACEAE	<i>Rumex brownii</i>	Slender Dock			NT	0			NT	DD	NT	0	RA	0
POLYGONACEAE	<i>Rumex crystallinus</i>	Glistening Dock			RA	-	RA	DD	NT	DD	VU	-		
POLYGONACEAE	<i>Rumex dumosus</i>	Wiry Dock		R	VU	DD							VU	DD
POLYGONACEAE	<i>Rumex tenax</i>	Shiny Dock			RA	-			NT	DD	VU	-		
POTAMOGETONACEAE	<i>Ruppia maritima</i>	Sea Tassel			RA	0	RA	0			RA	DD		
POTAMOGETONACEAE	<i>Ruppia megacarpa</i>	Widgeon Grass			RA	DD					RA	DD		
POTAMOGETONACEAE	<i>Ruppia polycarpa</i>	Widgeon Grass			RA	DD					RA	DD		
POTAMOGETONACEAE	<i>Ruppia tuberosa</i>	Widgeon Grass			RA	DD					RA	DD		
COMPOSITAE	<i>Rutidosis helichrysoides</i> ssp. <i>helichrysoides</i>	Grey Wrinklew ort			RA	-	RA	-						
CARYOPHYLLACEAE	<i>Sagina maritima</i>	Sea Pearlw ort			NT	DD					NT	DD		
CHENOPODIACEAE	<i>Salsola tragus</i>	Buckbush			LC	0	LC	0	LC	0	LC	0	LC	0
PRIMULACEAE	<i>Samolus repens</i>	Creeping Brookw eed			LC	0					LC	0		
SANTALACEAE	<i>Santalum acuminatum</i>	Quandong			NT	0	LC	-	VU	-	LC	0	NT	0
SANTALACEAE	<i>Santalum lanceolatum</i>	Plumbush			VU	-								
SANTALACEAE	<i>Santalum murrayanum</i>	Bitter Quandong			NT	-	RA	-	RA	-	NT	-	LC	0
CHENOPODIACEAE	<i>Sarcocornia quinqueflora</i>	Beaded Samphire			NT	0			NT	0	NT	0		
ASCLEPIADACEAE	<i>Sarcostemma viminale</i> ssp. <i>australe</i>	Caustic Bush			RA	0			RA	0	RA	0		
AIZOACEAE	<i>Sarcosoma praecox</i>	Sarcosoma			RA	-			LC	0	RA	-	VU	-

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Orlary Plain Status	South Orlary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
EUPHORBIA CEAE	<i>Sauropus trachyspermus</i>	Rough-seed Spurge			NE				NE					
GOODENIA CEAE	<i>Scaevola aemula</i>	Fairy Fanflower			RA	0					RA	DD	RA	0
GOODENIA CEAE	<i>Scaevola depauperata</i>	Skeleton Fanflower			NT	0	NT	0						
GOODENIA CEAE	<i>Scaevola linearis ssp. confertifolia</i>	Bundled Fanflower			VU	-					VU	-		
GOODENIA CEAE	<i>Scaevola spinescens</i>	Spiny Fanflower			LC	0	LC	0	LC	0	LC	0		
GENTIANA CEAE	<i>Schenkia australis</i>	Spike Centaury			LC	0	LC	0					LC	0
CYPERACEAE	<i>Schoenoplectus dissachanthus</i>	Inland Club-rush			VU	DD			VU	DD				
CYPERACEAE	<i>Schoenoplectus pungens</i>	Spiky Club-rush			LC	0					LC	0		
CYPERACEAE	<i>Schoenoplectus validus</i>	River Club-rush			LC	0			LC	0	LC	0		
CYPERACEAE	<i>Schoenus apogon</i>	Common Bog-rush			NT	0					RA	-	LC	0
CYPERACEAE	<i>Schoenus breviculmis</i>	Matted Bog-rush			LC	0					LC	0	LC	0
CYPERACEAE	<i>Schoenus carsei</i>	Wiry Bog-rush			RE						RE			
CYPERACEAE	<i>Schoenus deformis</i>	Schoenus Bog-rush			NT	0					RA	DD	LC	0
CYPERACEAE	<i>Schoenus latelaminatus</i>	Medusa Bog-rush		V	VU	-							VU	-
CYPERACEAE	<i>Schoenus nanus</i>	Little Bog-rush			RA	-					RA	-		
CYPERACEAE	<i>Schoenus racemosus</i>	Sandhill Bog-rush			NT	0					RA	DD	NT	0
CYPERACEAE	<i>Schoenus sculptus</i>	Gimlet Bog-rush		R	DD	DD							DD	DD
CYPERACEAE	<i>Schoenus subaphyllus</i>	Desert Bog-rush			NT	0	NT	-	RA	-	NT	0	LC	0
CYPERACEAE	<i>Schoenus tesquorum</i>	Grassy Bog-rush		R	VU	DD							VU	DD
CARYOPHYLLACEAE	<i>Scleranthus minusculus</i>	Cushion Knawel			NT	0	NT	0	RA	0	NT	0	NT	0
CHENOPODIA CEAE	<i>Scleroblitum atriplicinum</i>	Starry Goosefoot			VU	-	RA	-	DD	DD	EN	--		
CHENOPODIA CEAE	<i>Sclerolaena birchii</i>	Galvanised Burr			DD	DD					DD	DD		
CHENOPODIA CEAE	<i>Sclerolaena brachyptera</i>	Short-wing Bindyi			NT	0	RA	0	LC	0	RA	DD	RA	DD
CHENOPODIA CEAE	<i>Sclerolaena brevifolia</i>	Small-leaf Bindyi			RA	0					RA	0		
CHENOPODIA CEAE	<i>Sclerolaena convexula</i>	Tall Bindyi			RA	DD					RA	DD		
CHENOPODIA CEAE	<i>Sclerolaena costata</i>	Ribbed Bindyi			RA	DD	RA	DD			RA	DD		
CHENOPODIA CEAE	<i>Sclerolaena cuneata</i>	Tangled Bindyi			RA	0	RA	0	RA	0				
CHENOPODIA CEAE	<i>Sclerolaena decurrens</i>	Green Bindyi			NT	0	RA	DD	LC	0				
CHENOPODIA CEAE	<i>Sclerolaena diacantha</i>	Grey Bindyi			LC	0	LC	0	LC	0	LC	0	LC	0
CHENOPODIA CEAE	<i>Sclerolaena divaricata</i>	Tangled Bindyi			LC	+	LC	+	NT	+				
CHENOPODIA CEAE	<i>Sclerolaena holtiana</i>	Holt's Bindyi			RA	DD			RA	DD				
CHENOPODIA CEAE	<i>Sclerolaena intricata</i>	Tangled Bindyi			RA	DD	RA	DD	RA	DD				
CHENOPODIA CEAE	<i>Sclerolaena muricata var. muricata</i>	Five-spine Bindyi			NT	0	RA	0	LC	0	LC	0		
CHENOPODIA CEAE	<i>Sclerolaena muricata var. semiglabra</i>	Five-spine Bindyi			RA	DD			RA	DD	RA	DD		
CHENOPODIA CEAE	<i>Sclerolaena muricata var. villosa</i>	Five-spine Bindyi		R	RA	0					RA	0		
CHENOPODIA CEAE	<i>Sclerolaena obliquicuspis</i>	Oblique-spined Bindyi			LC	+	LC	+	LC	+	LC	+		
CHENOPODIA CEAE	<i>Sclerolaena parviflora</i>	Small-flower Bindyi			LC	0	LC	0	NT	0	LC	0	LC	0
CHENOPODIA CEAE	<i>Sclerolaena patentiscuspis</i>	Spear-fruit Bindyi			LC	0	LC	0	LC	0	LC	0		
CHENOPODIA CEAE	<i>Sclerolaena stelligera</i>	Star Bindyi			NT	0	RA	DD	LC	0	RA	DD		
CHENOPODIA CEAE	<i>Sclerolaena tricuspis</i>	Three-spine Bindyi			NT	0	RA	0	LC	0	LC	0		
CHENOPODIA CEAE	<i>Sclerolaena uniflora</i>	Small-spine Bindyi			LC	0	LC	0	DD	DD	LC	0		
LABIATAE	<i>Scutellaria humilis</i>	Dwarf Skullcap		R	EN	-					EN	-		
GENTIANA CEAE	<i>Sebaea ovata</i>	Yellow Sebaea			RA	-					RA	-		
SELAGINELLA CEAE	<i>Selaginella gracillima</i>	Tiny Selaginella			VU	DD							VU	DD
GOODENIA CEAE	<i>Selliera radicans</i>	Shiny Swamp-mat			RA	0					RA	0		
COMPOSITAE	<i>Senecio behrianus</i>	Behrs Groundsel			RE						RE			
COMPOSITAE	<i>Senecio cunninghamii var. cunninghamii</i>	Shrubby Groundsel			VU	-			VU	-	VU	-		
COMPOSITAE	<i>Senecio dolichocephalus</i>	Woodland Groundsel			RA	-					RA	-		
COMPOSITAE	<i>Senecio glomeratus ssp. glomeratus</i>	Swamp Groundsel			RA	-					RA	-	RA	DD
COMPOSITAE	<i>Senecio glomeratus ssp. longifructus</i>	Swamp Groundsel			RA	-					RA	-		
COMPOSITAE	<i>Senecio glossanthus</i>	Annual Groundsel			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Senecio gregori</i>	Fleshy Groundsel			DD	DD	DD	DD			DD	DD		
COMPOSITAE	<i>Senecio hispidissimus</i>	Rough Groundsel			VU	-							VU	-
COMPOSITAE	<i>Senecio lanibracteus</i>	Inland Shrubby Groundsel			RA	DD	RA	DD						
COMPOSITAE	<i>Senecio longicollaris</i>				NT	DD					NT	DD		
COMPOSITAE	<i>Senecio magnificus</i>	Showy Groundsel			RA	DD	RA	DD						
COMPOSITAE	<i>Senecio minimus</i>	Fine-tooth Groundsel			RA	-							RA	-
COMPOSITAE	<i>Senecio odoratus</i>	Scented Groundsel			VU	-					VU	-		
COMPOSITAE	<i>Senecio picridioides</i>	Purple-leaf Groundsel			NT	-					NT	-	NT	-
COMPOSITAE	<i>Senecio pilosicristus</i>				EN	-					EN	-	EN	-
COMPOSITAE	<i>Senecio productus ssp. productus</i>	Annual Groundsel			DD	DD			DD	DD				
COMPOSITAE	<i>Senecio quadridentatus</i>	Cotton Groundsel			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Senecio runcinifolius</i>	Thistle-leaf Groundsel			LC	0	LC	0	LC	0	LC	0		
COMPOSITAE	<i>Senecio spanomerus</i>				LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Senecio squarrosus</i>	Squarrose Groundsel			RA	-							RA	-
LEGUMINOSAE	<i>Senna artemisioides ssp. artemisioides</i>	Silver Senna			LC	0	LC	0			DD	DD		
LEGUMINOSAE	<i>Senna artemisioides ssp. coriacea</i>	Broad-leaf Desert Senna			LC	0	LC	0	NT	0	LC	0	NT	0
LEGUMINOSAE	<i>Senna artemisioides ssp. filifolia</i>	Fine-leaf Desert Senna			LC	0	LC	0			LC	0		
LEGUMINOSAE	<i>Senna artemisioides ssp. petiolaris</i>				LC	0	LC	0	NT	0	LC	0		
LEGUMINOSAE	<i>Senna cardiosperma ssp. gawlerensis</i>	Gawler Ranges Senna			RA	DD	RA	DD						

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
GRAMINEAE	<i>Setaria basioclada</i>				RA	DD	RA	DD	RA	DD				
GRAMINEAE	<i>Setaria clementii</i>	Clement's Paspalidium			DD	DD		DD	DD					
GRAMINEAE	<i>Setaria constricta</i>	Knotty-butt Paspalidium			NT	-	LC	0	RA	-	RA	-		
GRAMINEAE	<i>Setaria jubiflora</i>	Warrego Summer-grass			RA	--			RA	--	RA	--		
MALVACEAE	<i>Sida ammophila</i>	Sand Sida			RA	0	RA	DD	NT	0	VU	-		
MALVACEAE	<i>Sida corrugata var. angustifolia</i>	Grassland Sida			RA	DD					RA	DD	RA	DD
MALVACEAE	<i>Sida corrugata var. corrugata</i>	Corrugated Sida			RA	DD					RA	DD		
MALVACEAE	<i>Sida fibulifera</i>	Pin Sida			NT	0	LC	0	NT	0	RA	DD		
MALVACEAE	<i>Sida intricata</i>	Twiggy Sida			NT	0	LC	0	NT	0	RA	DD		
MALVACEAE	<i>Sida petrophila</i>	Rock Sida			NT	0			NT	0	RA	DD		
MALVACEAE	<i>Sida spodochroma</i>				VU	DD					VU	DD		
MALVACEAE	<i>Sida trichopoda</i>	High Sida			RA	DD	RA	DD	RA	DD				
COMPOSITAE	<i>Siloxerus multiflorus</i>	Small Wrinklewort			LC	0					LC	0	LC	0
SOLANACEAE	<i>Solanum capsiciforme</i>	Capsicum Kangaroo-apple			VU	DD					VU	DD		
SOLANACEAE	<i>Solanum coactiliferum</i>	Tomato-bush			NT	0	LC	0	NT	0	RA	DD		
SOLANACEAE	<i>Solanum esuriale</i>	Quena			NT	-	LC	0	NT	-	RA	-		
SOLANACEAE	<i>Solanum karsense</i>				RA	DD	RA	DD						
SOLANACEAE	<i>Solanum laciniatum</i>	Cut-leaf Kangaroo-apple			RA	DD					RA	DD		
SOLANACEAE	<i>Solanum lacunarium</i>	Lagoon Nightshade			RA	-			RA	-				
SOLANACEAE	<i>Solanum opacum</i>	Green-berry Nightshade			VU	-			VU	-	EN	-		
SOLANACEAE	<i>Solanum simile</i>	Kangaroo Apple			NT	-	RA	DD	VU	--	LC	0	LC	0
COMPOSITAE	<i>Solenogyne dominii</i>	Smooth Solenogyne			NT	-							NT	-
COMPOSITAE	<i>Sonchus hydrophilus</i>	Native Sow-thistle			NT	-			NT	-	NT	-	DD	DD
CARYOPHYLLACEAE	<i>Spergularia marina</i>	Salt Sand-spurrey			NT	DD	DD	DD	NT	DD	NT	DD		
LEMNACEAE	<i>Spirodela punctata</i>	Thin Duckweed			NT	0			LC	0	RA	-		
GRAMINEAE	<i>Sporobolus mitchellii</i>	Rat-tail Couch			LC	-			LC	-	LC	-		
GRAMINEAE	<i>Sporobolus virginicus</i>	Salt Couch			LC	0			LC	0	LC	0		
RHAMNACEAE	<i>Spyridium bifidum var. bifidum</i>	Forked Spyridium			VU	DD					VU	DD		
RHAMNACEAE	<i>Spyridium eriocephalum var. eriocephalum</i>	Heath Spyridium			LC	0					LC	0	LC	0
RHAMNACEAE	<i>Spyridium nitidum</i>	Shining Spyridium			VU	-							VU	-
RHAMNACEAE	<i>Spyridium parvifolium</i>	Dusty Miller			RA	-					RA	-	RA	-
RHAMNACEAE	<i>Spyridium phylloides</i>	Narrow-leaf Spyridium			RA	-					RA	-	RA	-
RHAMNACEAE	<i>Spyridium spathulatum</i>	Spoon-leaf Spyridium	R		RA	DD					RA	DD		
RHAMNACEAE	<i>Spyridium subochreatum</i>				NT	0	RA	DD	RE		LC	0	LC	0
RHAMNACEAE	<i>Spyridium vexilliferum var. latifolium</i>	Winged Spyridium			RA	DD					RA	DD	RA	DD
RHAMNACEAE	<i>Spyridium vexilliferum var. vexilliferum</i>	Winged Spyridium			RA	0							RA	0
STACKHOUSIACEAE	<i>Stackhousia aspenicocca ssp. One-sided inflorescence</i>	One-sided Candles			LC	0					LC	0	LC	0
STACKHOUSIACEAE	<i>Stackhousia megaloptera</i>	Dune Candles			RA	DD	RA	DD						
STACKHOUSIACEAE	<i>Stackhousia monogyna</i>	Creamy Candles			NT	0					RA	DD	NT	0
CARYOPHYLLACEAE	<i>Stellaria filiformis</i>	Thread Starwort			VU	DD	DD	DD			VU	DD	VU	DD
CARYOPHYLLACEAE	<i>Stellaria palustris var. tenella</i>	Swamp Starwort	R		EN	DD					EN	DD		
SCROPHULARIACEAE	<i>Stemodia florulenta</i>	Bluerod			LC	0	LC	0	LC	0	LC	0		
RHAMNACEAE	<i>Stenanthemum leucophractum</i>	White Cryptandra			NT	0	RA	0	EN	--	LC	0	LC	0
RHAMNACEAE	<i>Stenanthemum notiale ssp. notiale</i>	Trident Spyridium			VU	DD					VU	DD	VU	DD
CRUCIFERAE	<i>Stenopetalum lineare</i>	Narrow Thread-petal			LC	0	LC	0	NT	-	LC	0	NT	DD
CRUCIFERAE	<i>Stenopetalum sphaerocarpaceum</i>	Round-fruit Thread-petal			LC	0	LC	0	RA	DD	LC	0	LC	0
COMPOSITAE	<i>Sturtia muelleri</i>	Spoon Cudweed			RA	DD	DD	DD					RA	DD
STYLIDIACEAE	<i>Stylidium beagleholei</i>	Beaglehole's Trigger-plant	R		VU	-							VU	-
STYLIDIACEAE	<i>Stylidium calcaratum</i>	Spurred Trigger-plant			RA	-					RA	-	RA	-
STYLIDIACEAE	<i>Stylidium ecorne</i>		R		EN	-							EN	-
STYLIDIACEAE	<i>Stylidium graminifolium</i>	Grass Trigger-plant			NT	0							NT	0
STYLIDIACEAE	<i>Stylidium inundatum</i>	Hundreds And Thousands			VU	DD							VU	DD
STYLIDIACEAE	<i>Stylidium perpusillum</i>	Tiny Trigger-plant			VU	DD							VU	DD
EPACRIDACEAE	<i>Styphelia adscendens</i>	Golden Heath			RA	0							RA	0
EPACRIDACEAE	<i>Styphelia exarrhena</i>	Desert Heath			NT	0					RA	0	LC	0
CHENOPODIACEAE	<i>Suaeda australis</i>	Austral Seablite			LC	0			LC	0	LC	0		
LEGUMINOSAE	<i>Swainsona affinis</i>	Small-leaf Swainson-pea			RE				RE					
LEGUMINOSAE	<i>Swainsona behriana</i>	Behr's Swainson-pea	V		EN	-					EN	-		
LEGUMINOSAE	<i>Swainsona colutoides</i>	Bladder Swainson-pea			VU	-	VU	-	EN	-				
LEGUMINOSAE	<i>Swainsona fuscoviridis</i>	Dark Green Swainson-pea	R		EN	-					EN	-		
LEGUMINOSAE	<i>Swainsona greyana</i>	Darling Pea			VU	-			VU	DD	EN	-		
LEGUMINOSAE	<i>Swainsona lessertiiifolia</i>	Coast Swainson-pea			EN	-			DD	DD	EN	-		
LEGUMINOSAE	<i>Swainsona microphylla</i>	Small-leaf Swainson-pea			NT	-	NT	0	NT	-	NT	-		
LEGUMINOSAE	<i>Swainsona oliveri</i>				NT	0	NT	0						
LEGUMINOSAE	<i>Swainsona oroboides</i>	Variable Swainson-pea			VU	-			VU	-				
LEGUMINOSAE	<i>Swainsona phacoides</i>	Dwarf Swainson-pea			VU	-			VU	-				
LEGUMINOSAE	<i>Swainsona procumbens</i>	Broughton Pea	V		VU	-							VU	-
LEGUMINOSAE	<i>Swainsona pyrophila</i>	Yellow Swainson-pea	VU	R	EN	-					EN	-		
LEGUMINOSAE	<i>Swainsona reticulata</i>				EN	-			EN	-	RE			
LEGUMINOSAE	<i>Swainsona stipularis</i>	Orange Swainson-pea			RA	DD	RA	DD						

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
LEGUMINOSAE	<i>Swainsona tephrotricha</i>	Ashy-haired Swainson-pea			CR	-					CR	-		
CHENOPODIA CEAE	<i>Tecticornia arbuscula</i>	Shrubby Samphire			RA	0					RA	0		
CHENOPODIA CEAE	<i>Tecticornia halocnemoides ssp. halocnemoides</i>	Grey Samphire			RA	DD					RA	DD		
CHENOPODIA CEAE	<i>Tecticornia indica ssp. bidens</i>	Brown-head Samphire			RA	0			RA	0	RA	0		
CHENOPODIA CEAE	<i>Tecticornia indica ssp. leiostachya</i>	Brown-head Samphire			NT	0	RA	DD	LC	0	RA	0		
CHENOPODIA CEAE	<i>Tecticornia pergranulata ssp. divaricata</i>	Black-seed Samphire			NT	0	RA	DD	LC	0				
CHENOPODIA CEAE	<i>Tecticornia pergranulata ssp. pergranulata</i>	Black-seed Samphire			NT	+	RA	DD	LC	+	LC	+		
CHENOPODIA CEAE	<i>Tecticornia pterygosperma ssp. pterygosperma</i>	Winged-seed Samphire			NT	0					NT	0		
CHENOPODIA CEAE	<i>Tecticornia tenuis</i>	Slender Samphire			RA	0	RA	0	DD	DD				
CHENOPODIA CEAE	<i>Tecticornia triandra</i>	Desert Glasswort			NT	0			LC	0	RA	DD		
LEGUMINOSAE	<i>Templetonia egena</i>	Broombush Templetonia			NT	-	LC	0	RA	-	NT	-		
LEGUMINOSAE	<i>Templetonia stenophylla</i>	Leafy Templetonia		V	VU	0							VU	0
LEGUMINOSAE	<i>Templetonia sulcata</i>	Flat Mallee-pea			RA	0	RA	DD			RA	0		
AIZOACEAE	<i>Tetragonia eremaea</i>	Desert Spinach			LC	0	LC	0	LC	0	LC	0		
AIZOACEAE	<i>Tetragonia implexicoma</i>	Bow er Spinach			RA	DD					RA	DD		
AIZOACEAE	<i>Tetragonia moorei</i>	New Zealand Spinach			RA	DD	RA	DD	RA	DD	RA	DD		
TREMANDRACEAE	<i>Tetradlea ciliata</i>	Pink-bells			LC	0							LC	0
LABIATAE	<i>Teucrium albicaule</i>	Scurfy Germander			VU	-	VU	-			VU	-		
LABIATAE	<i>Teucrium corymbosum</i>	Rock Germander			VU	0					VU	0		
LABIATAE	<i>Teucrium racemosum</i>	Grey Germander			LC	0	LC	0	LC	0	LC	0	NT	0
LABIATAE	<i>Teucrium sessiliflorum</i>	Mallee Germander			RA	0			VU	DD	NT	0		
ORCHIDACEAE	<i>Thelymitra albiflora</i>	White Sun Orchid			RA	DD							RA	DD
ORCHIDACEAE	<i>Thelymitra alcockii</i>	Kaths Sun Orchid			LC	-					LC	-	LC	-
ORCHIDACEAE	<i>Thelymitra antennifera</i>	Lemon Sun-orchid			NT	-					NT	-	NT	-
ORCHIDACEAE	<i>Thelymitra azurea</i>	Azure Sun-orchid			VU	-					EN	--	RA	-
ORCHIDACEAE	<i>Thelymitra benthamiana</i>	Leopard Sun-orchid			CR	-							CR	-
ORCHIDACEAE	<i>Thelymitra epipactoides</i>	Metallic Sun-orchid	EN	E	CR	--					CR	--	RE	
ORCHIDACEAE	<i>Thelymitra juncifolia</i>	Spotted Sun-orchid			RA	-							RA	-
ORCHIDACEAE	<i>Thelymitra lucida</i>	Glistening Sun-orchid			EN	-							EN	-
ORCHIDACEAE	<i>Thelymitra luteociliium</i>	Yellow -tuft Sun Orchid			RA	-					RA	-	RA	--
ORCHIDACEAE	<i>Thelymitra megalyptra</i>	Scented Sun-orchid			NT	-					NT	-		
ORCHIDACEAE	<i>Thelymitra nuda</i>	Scented Sun-orchid			VU	--							VU	--
ORCHIDACEAE	<i>Thelymitra pauciflora</i>	Slender Sun-orchid			RA	DD							RA	DD
ORCHIDACEAE	<i>Thelymitra peniculata</i>	Blue Star Sun-orchid		V	VU	-							VU	-
ORCHIDACEAE	<i>Thelymitra rubra</i>	Salmon Sun-orchid			NT	-							NT	-
GRAMINEAE	<i>Themeda triandra</i>	Kangaroo Grass			RA	0					RA	0	RA	0
STERCULIACEAE	<i>Thomasia petalocalyx</i>	Paper-flow er			LC	0					NT	0	LC	0
CHENOPODIA CEAE	<i>Threlkeldia diffusa</i>	Coast Bonefruit			LC	0			LC	0	NT	0		
LILIA CEAE	<i>Thysanotus baueri</i>	Mallee Fringe-lily			LC	0	LC	0	NT	0	LC	0	LC	0
LILIA CEAE	<i>Thysanotus juncifolius</i>	Rush Fringe-lily			RA	0					VU	-	NT	0
LILIA CEAE	<i>Thysanotus patersonii</i>	Twining Fringe-lily			LC	0					LC	0	LC	0
UMBELLIFERAE	<i>Trachymene cyanopetala</i>	Purple Trachymene			LC	0	DD	DD	DD	DD	LC	0	LC	0
UMBELLIFERAE	<i>Trachymene pilosa</i>	Dwarf Trachymene			LC	0					LC	0	LC	0
UMBELLIFERAE	<i>Trachymene thysanocarpa</i>	Native Parsnip		R*	DD	DD					DD	DD		
GRAMINEAE	<i>Tragus australianus</i>	Small Burr-grass			NT	0			LC	0	LC	0	RA	DD
ZYGOPHYLLACEAE	<i>Tribulus minutus</i>				RA	DD			RA	DD				
COMPOSITAE	<i>Trichanthodium skirrophorum</i>	Woolly Yellow -heads			NT	DD			DD	DD	NT	DD		
LILIA CEAE	<i>Tricoryne elatior</i>	Yellow Rush-lily			NT	0					RA	0	LC	0
LILIA CEAE	<i>Tricoryne tenella</i>	Tufted Yellow Rush-lily			LC	0					LC	0	LC	0
JUNCAGINACEAE	<i>Triglochin alcockiae</i>	Alcock's Water-ribbons		R	VU	-					DD	DD	VU	-
JUNCAGINACEAE	<i>Triglochin hexagona</i>	Six-point Arrow grass			RA	DD			RA	DD	RA	DD		
JUNCAGINACEAE	<i>Triglochin isingiana</i>	Spurred Arrow grass			RA	DD	RA	DD	RA	DD	RA	DD	RA	DD
JUNCAGINACEAE	<i>Triglochin procera</i>	Water-ribbons			NT	-			NT	-	NT	-		
JUNCAGINACEAE	<i>Triglochin striata</i>	Streaked Arrow grass			NT	0			LC	0	LC	0	RA	-
LEGUMINOSAE	<i>Trigonella suavissima</i>	Sweet Fenugreek			RA	DD	RA	DD						
GRAMINEAE	<i>Triodia bunicola</i>	Flinders Ranges Spinifex			NE				NE		NE		NE	
GRAMINEAE	<i>Triodia compacta</i>	Spinifex			NE						NE			
GRAMINEAE	<i>Triodia irritans</i>	Spinifex			NE		NE		NE		NE		NE	
GRAMINEAE	<i>Triodia scariosa</i>	Spinifex			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Triptilodiscus pygmaeus</i>	Small Yellow -heads			LC	0	LC	0	LC	0	NT	-	NT	-
GRAMINEAE	<i>Triraphis mollis</i>	Purple Plume Grass			RA	DD			RA	DD	RA	DD		
CENTROLEPIDACEAE	<i>Trithuria submersa</i>	Trithuria			VU	-							VU	-
RHAMNACEAE	<i>Trymalium wayi</i>	Grey Trymalium			VU	-					VU	-		
TYPHACEAE	<i>Typha domingensis</i>	Narrow-leaf Bulrush			LC	+			LC	+	LC	0		
TYPHACEAE	<i>Typha orientalis</i>	Broad-leaf Bulrush			LC	+					LC	+		
URTICACEAE	<i>Urtica incisa</i>	Scrub Nettle			VU	-			VU	-	VU	-		
LENTIBULARIACEAE	<i>Utricularia beaugleholei</i>	Beauglehole's Bladderwort		V	VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia dichotoma</i>	Purple Bladderwort			VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia tenella</i>	Pink Bladderwort			VU	DD							VU	DD
LENTIBULARIACEAE	<i>Utricularia violacea</i>	Violet Bladderwort		R	VU	DD							VU	DD

Appendix 12 b). Flora species list for the entire project area, in alphabetical order of Scientific Name (cont.)

Family Name	Scientific Name	Common Name	EPBC Act Status	NPW Act Status	Murraylands Regional Status	Murraylands Regional Trend	South Olary Plain Status	South Olary Plain Trend	Murray Scroll Belt Status	Murray Scroll Belt Trend	Murray Mallee Status	Murray Mallee Trend	Lowan Mallee Status	Lowan Mallee Trend
HYDROCHARITACEAE	<i>Vallisneria australis</i>	River Eel-grass			LC	0			LC	0	LC	0		
GOODENIACEAE	<i>Velleia arguta</i>	Toothed Velleia			NT	0	RA	DD	RA	DD	LC	0		
GOODENIACEAE	<i>Velleia connata</i>	Cup Velleia			VU	-	VU	DD	RA	DD	EN	-	VU	DD
GOODENIACEAE	<i>Velleia paradoxa</i>	Spur Velleia			VU	-			EN	-	RA	DD		
SCROPHULARIACEAE	<i>Veronica hillebrandii</i>	Rigid Speedwell			RA	DD					RA	DD		
MENYANTHACEAE	<i>Villarsia reniformis</i>	Running Marsh-flow er			VU	-							VU	-
MENYANTHACEAE	<i>Villarsia umbricola</i> var. <i>umbricola</i>	Lax Marsh-flow er			EN	--					EN	--	EN	--
LEGUMINOSAE	<i>Viminaria juncea</i>	Native Broom		R	VU	-					VU	-		
COMPOSITAE	<i>Vittadinia australasica</i> var. <i>australasica</i>	Sticky New Holland Daisy			NT	0	RA	DD			LC	0	LC	0
COMPOSITAE	<i>Vittadinia australasica</i> var. <i>subglabra</i>	New Holland Daisy			NE						NE			
COMPOSITAE	<i>Vittadinia blackii</i>	Narrow-leaf New Holland Daisy			NT	-					NT	-		
COMPOSITAE	<i>Vittadinia cervicularis</i> var. <i>cervicularis</i>	Waisted New Holland Daisy			LC	0	LC	0	LC	0	LC	0	RA	DD
COMPOSITAE	<i>Vittadinia condyloides</i>	Club-hair New Holland Daisy			RA	DD	RA	DD	RA	DD	RA	DD		
COMPOSITAE	<i>Vittadinia cuneata</i> var. <i>cuneata forma cuneata</i>	Fuzzy New Holland Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Vittadinia cuneata</i> var. <i>morrisonii</i>	New Holland Daisy			NE	NE		NE		NE				
COMPOSITAE	<i>Vittadinia cuneata</i> var. <i>murrayensis</i>	Murray New Holland Daisy			NE					NE				
COMPOSITAE	<i>Vittadinia dissecta</i> var. <i>hirta</i>	Dissected New Holland Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Vittadinia eremaea</i>	Desert New Holland Daisy			DD	DD					DD	DD		
COMPOSITAE	<i>Vittadinia gracilis</i>	Woolly New Holland Daisy			LC	0	LC	0	LC	0	LC	0	LC	0
COMPOSITAE	<i>Vittadinia megacephala</i>	Giant New Holland Daisy			NT	0	RA	DD	LC	0	LC	0		
CAMPANULACEAE	<i>Wahlenbergia aridicola</i>	Dryland Bluebell			NE	NE		NE		NE				
CAMPANULACEAE	<i>Wahlenbergia communis</i>	Tufted Bluebell			LC	0			LC	0	LC	0	NT	DD
CAMPANULACEAE	<i>Wahlenbergia fluminalis</i>	River Bluebell			LC	0			LC	0	NT	0		
CAMPANULACEAE	<i>Wahlenbergia gracilentata</i>	Annual Bluebell			LC	0	LC	0	LC	0	LC	0	LC	0
CAMPANULACEAE	<i>Wahlenbergia littoralis</i>	Coast Bluebell			NT	0					NT	0	NT	0
CAMPANULACEAE	<i>Wahlenbergia luteola</i>	Yellow -w ash Bluebell			LC	0					LC	0		
CAMPANULACEAE	<i>Wahlenbergia multicaulis</i>	Tadgell's Bluebell			RA	0							RA	0
CAMPANULACEAE	<i>Wahlenbergia queenslandica</i>				RA	DD	RA	DD						
CAMPANULACEAE	<i>Wahlenbergia stricta</i> ssp. <i>stricta</i>	Tall Bluebell			RA	0					RA	0	RA	0
CAMPANULACEAE	<i>Wahlenbergia tumidiflora</i>	Swollen-fruit Bluebell			RA	DD	NT	DD	VU	DD	RA	DD		
COMPOSITAE	<i>Waitzia acuminata</i> var. <i>acuminata</i>	Orange Immortelle			NT	0	LC	0	RA	-	RA	DD	RA	DD
GRAMINEAE	<i>Walwhalleya prolata</i>	Rigid Panic			RA	DD					RA	DD	RA	DD
LABIATAE	<i>Westringia eremicola</i>	Slender Westringia			LC	0					LC	0	NT	DD
LABIATAE	<i>Westringia rigida</i>	Stiff Westringia			LC	0	LC	0	RA	-	LC	0	LC	0
CONVOLVULACEAE	<i>Wilsonia rotundifolia</i>	Round-leaf Wilsonia			NT	+			RA	DD	NT	+		
LEMNACEAE	<i>Wolffia australiana</i>	Tiny Duckweed			VU	-					VU	-		
LILIAEAE	<i>Wurmbea dioica</i> ssp. <i>brevifolia</i>	Early Nancy			LC	0							LC	0
LILIAEAE	<i>Wurmbea dioica</i> ssp. <i>dioica</i>	Early Nancy			RA	DD							RA	DD
LILIAEAE	<i>Xanthorrhoea australis</i>	Austral Grass-tree			RE								RE	
LILIAEAE	<i>Xanthorrhoea caespitosa</i>	Sand-heath Yacca			NT	0					RA	0	LC	0
LILIAEAE	<i>Xanthorrhoea semiplana</i> ssp. <i>semiplana</i>	Yacca			RA	0					RA	0		
UMBELLIFERAE	<i>Xanthosia huegelii</i>	Hairy Xanthosia			NT	0					RA	-	NT	0
UMBELLIFERAE	<i>Xanthosia leiophylla</i>	Cut-leaf Xanthosia			RA	-							RA	-
COMPOSITAE	<i>Xerochrysum bracteatum</i>	Golden Everlasting			NT	-	NT	-	NT	-	NT	-	NT	-
ZANNICHELLIACEAE	<i>Zannichellia palustris</i>			R	RA	0			RA	0	RE			
RUTACEAE	<i>Zieria veronicea</i> ssp. <i>veronicea</i>	Pink Zieria		R	RA	-					VU	-	NT	-
ZYGOPHYLLACEAE	<i>Zygophyllum ammophilum</i>	Sand Tw inleaf			LC	0	LC	0	LC	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum angustifolium</i>	Scrambling Tw inleaf			LC	0	LC	0	NT	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum apiculatum</i>	Pointed Tw inleaf			LC	0	LC	0	LC	0	LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum aurantiacum</i> ssp. <i>aurantiacum</i>	Shrubby Tw inleaf			LC	0	LC	0	LC	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum compressum</i>	Rabbit-ears Tw inleaf			DD	DD	DD	DD			DD	DD		
ZYGOPHYLLACEAE	<i>Zygophyllum confluens</i>	Forked Tw inleaf			NT	0	LC	0	RA	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum crenatum</i>	Notched Tw inleaf			NT	0	LC	0			LC	0	RA	0
ZYGOPHYLLACEAE	<i>Zygophyllum eremaeum</i>				NT	0	LC	0	LC	0	RA	DD		
ZYGOPHYLLACEAE	<i>Zygophyllum glaucum</i>	Pale Tw inleaf			LC	0	LC	0	LC	0	LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum iodocarpum</i>	Violet Tw inleaf			LC	0	LC	0	NT	0	LC	0		
ZYGOPHYLLACEAE	<i>Zygophyllum ovatum</i>	Dwarf Tw inleaf			LC	0	LC	0	NT	0	LC	0	NT	0
ZYGOPHYLLACEAE	<i>Zygophyllum simile</i>	White Tw inleaf			LC	0	LC	0	LC	0	LC	0	RA	DD

Appendix 13. a). Fauna species removed from Project Area.

Class Name	Family Name	Scientific Name	Common Name	Reason for Removal from Project Area
MAMMALIA	DASYURIDAE	<i>Antechinus flavipes</i>	Yellow-footed Antechinus	subfossil
MAMMALIA	PHASCOLARCTIDAE	<i>Phascolarctos cinereus</i>	Koala	introduced
MAMMALIA	MACROPODIDAE	<i>Macropus eugenii</i>	Tammar Wallaby	escapee - roadkill
MAMMALIA	PSEUDOCHERIDAE	<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum	vagrant
MAMMALIA	EMBALLONURIDAE	<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tail-bat	vagrant
AVES	ANSERANATIDAE	<i>Anseranas semipalmata</i>	Magpie Goose	vagrant
AVES	ANATIDAE	<i>Dendrocygna eytoni</i>	Plumed Whistling-Duck	vagrant
AVES	ANATIDAE	<i>Tadorna radjah</i>	Radjah Shelduck	introduced
AVES	APODIDAE	<i>Apus affinis</i>	House Swift	vagrant
AVES	ACCIPITRIDAE	<i>Accipiter novaehollandiae</i>	Grey Goshawk	vagrant
AVES	HAEMATOPODIDAE	<i>Haematopus longirostris</i>	Australian Pied Oystercatcher	vagrant
AVES	CHARADRIIDAE	<i>Charadrius australis</i>	Inland Dotterel	vagrant
AVES	CHARADRIIDAE	<i>Charadrius veredus</i>	Oriental Plover	vagrant
AVES	SCOLOPACIDAE	<i>Arenaria interpres</i>	Ruddy Turnstone	vagrant
AVES	SCOLOPACIDAE	<i>Calidris subminuta</i>	Long-toed Stint	vagrant
AVES	SCOLOPACIDAE	<i>Limosa limosa</i>	Black-tailed Godwit	vagrant
AVES	SCOLOPACIDAE	<i>Phalaropus lobatus</i>	Red-necked Phalarope	w rong location, vagrant
AVES	TURNICIDAE	<i>Turnix pyrrhoroax</i>	Red-chested Button-quail	vagrant
AVES	LARIDAE	<i>Chlidonias leucopterus</i>	White-winged Black Tern	vagrant
AVES	LARIDAE	<i>Larus pacificus</i>	Pacific Gull	vagrant
AVES	CACATUIDAE	<i>Calyptorhynchus banksii</i>	Red-tailed Black-Cockatoo	should be SE subspecies graptogyne
AVES	PSITTACIDAE	<i>Neophema chrysogaster</i>	Orange-bellied Parrot	vagrant
AVES	PSITTACIDAE	<i>Neophema petrophila</i>	Rock Parrot	vagrant
AVES	CUCULIDAE	<i>Cacomantis variolosus</i>	Brush Cuckoo	vagrant
AVES	MALURIDAE	<i>Stipiturus malachurus</i>	Southern Emu-w ren	should be subspecies intermedius
AVES	MALURIDAE	<i>Stipiturus ruficeps</i>	Rufous-crowned Emu-w ren	should be Mallee Emu-w ren
AVES	ACANTHIZIDAE	<i>Aphelocephala nigricincta</i>	Banded Whiteface	vagrant
AVES	MELIPHAGIDAE	<i>Ashbyia lovensis</i>	Gibberbird	vagrant
AVES	MELIPHAGIDAE	<i>Grantiella picta</i>	Painted Honeyeater	vagrant
AVES	MELIPHAGIDAE	<i>Lichenostomus fuscus</i>	Fuscous Honeyeater	vagrant
AVES	MELIPHAGIDAE	<i>Lichenostomus melanops</i>	Yellow-tufted Honeyeater	vagrant
AVES	MELIPHAGIDAE	<i>Philemon corniculatus</i>	Noisy Friarbird	vagrant
AVES	MELIPHAGIDAE	<i>Phylidonyris pyrrhopterus</i>	Crescent Honeyeater	vagrant
AVES	PSOPHODIDAE	<i>Psophodes nigrogularis</i>	Western Whipbird	should be eastern ssp leucogaster
AVES	RHIPIDURIDAE	<i>Rhipidura rufifrons</i>	Rufous Fantail	vagrant
AVES	CORVIDAE	<i>Corvus orru</i>	Torresian Crow	w rong ID
AVES	MONARCHIDAE	<i>Myiagra cyanoleuca</i>	Satin Flycatcher	vagrant
AVES	PETROICIDAE	<i>Petroica rodinogaster</i>	Pink Robin	vagrant
AVES	ESTRILIDAE	<i>Neochmia temporalis</i>	Red-browed Finch	vagrant
REPTILIA	AGAMIDAE	<i>Amphibolurus muricatus</i>	Jacky Lizard	w rong id - not in region
REPTILIA	PYGOPODIDAE	<i>Delma nasuta</i>	Centralian Snake-lizard	w rong ID
REPTILIA	SCINCIDAE	<i>Egernia cunninghami</i>	Cunningham's Skink	w rong location
REPTILIA	SCINCIDAE	<i>Eulamprus tympanum</i>	Southern Water Skink	highly unlikely
REPTILIA	SCINCIDAE	<i>Lerista bipes</i>	Western Two-toed Slider	reserve record - dodgy
AMPHIBIA	MYOBATRACHIDAE	<i>Pseudophryne semimarmorata</i>	Marbled Toadlet	w rong ID
OSTEICHTHYES	ELEOTRIDAE	<i>Oxyeleotris lineolata</i>	Sleepy Cod	introduced

Appendix 13. b). Flora species removed from Project Area.

Plant Form	Family Name	Scientific Name	Common Name	Reason for Removal from Project Area
aquatic	MARSILEACEAE	<i>Marsilea mutica</i>	Variable Nardoo	highly questionable ID
aquatic	ZANNICHELLIACEAE	<i>Lepilaena patentifolia</i>	Spreading Water-mat	w rong location
chenopods	CHENOPODIACEAE	<i>Atriplex cordifolia</i>		w rong ID
chenopods	CHENOPODIACEAE	<i>Atriplex muelleri</i>	Mueller's Saltbush	questionable ID
chenopods	CHENOPODIACEAE	<i>Atriplex nummularia ssp. nummularia</i>	Old-man Saltbush	probably introduced
chenopods	CHENOPODIACEAE	<i>Chenopodium auricomum</i>	Golden Goosefoot	probable introduction
chenopods	CHENOPODIACEAE	<i>Chenopodium gaudichaudianum</i>	Scrambling Goosefoot	highly unlikely - possible wrong ID - not in Census
chenopods	CHENOPODIACEAE	<i>Maireana carnosa</i>	Cottony Bluebush	w rong location
chenopods	CHENOPODIACEAE	<i>Maireana eriantha</i>	Woolly Bluebush	w rong ID
chenopods	CHENOPODIACEAE	<i>Maireana tomentosa ssp. urceolata</i>		w rong ID
chenopods	CHENOPODIACEAE	<i>Sclerolaena limbata</i>	Pearl Bindyi	w rong ID
daisies	COMPOSITAE	<i>Senecio pinnatifolius(NC)</i>	Variable Groundsel	now split into ssp
daisies	COMPOSITAE	<i>Brachyscome ciliaris var. brachygloussa</i>	Rayless Variable-daisy	variety will disappear - mutant
daisies	COMPOSITAE	<i>Calocephalus lacteus</i>	Milky Beauty-heads	w rong ID
daisies	COMPOSITAE	<i>Calotis latiuscula</i>	Leafy Burr-daisy	probable introduction
daisies	COMPOSITAE	<i>Cassinia uncata</i>		not in region
daisies	COMPOSITAE	<i>Haeckeria punctulata</i>	Sticky Haeckeria	w rong location
daisies	COMPOSITAE	<i>Leiocarpa semicalva ssp. semicalva</i>	Scented Button-bush	w rong ID
daisies	COMPOSITAE	<i>Olearia exiguiifolia</i>	Lobed-leaf Daisy-bush	w rong ID
daisies	COMPOSITAE	<i>Olearia teretifolia</i>	Cypress Daisy-bush	w rong ID
daisies	COMPOSITAE	<i>Olearia tubuliflora</i>	Rayless Daisy-bush	dodgy
daisies	COMPOSITAE	<i>Ozothamnus turbidatus</i>	Coast Bush-everlasting	w rong location
daisies	COMPOSITAE	<i>Podolepis muelleri</i>	Button Podolepis	w rong ID
daisies	COMPOSITAE	<i>Senecio anethifolius ssp. anethifolius</i>	Feathery Groundsel	w rong location, should be further north
daisies	COMPOSITAE	<i>Senecio biserratus</i>	Jagged Groundsel	w rong ID
daisies	COMPOSITAE	<i>Vittadinia sulcata</i>	Furrow ed New Holland Daisy	w rong ID - could be V cervicalis
fern	OPHIOGLOSSACEAE	<i>Ophioglossum polyphyllum</i>	Large Adder's-tongue	highly unlikely - Reserve Record
grass	GRAMINEAE	<i>Aristida personata</i>	Purple Wire-grass	introduced to region
grass	GRAMINEAE	<i>Austrodanthonia carphoides</i>	Short Wallaby-grass	unlikely
grass	GRAMINEAE	<i>Austrostipa breviglumis</i>	Cane Spear-grass	w rong location
grass	GRAMINEAE	<i>Austrostipa lanata</i>		highly unlikely
grass	GRAMINEAE	<i>Austrostipa setacea</i>	Corkscrew Spear-grass	introduction to region
grass	GRAMINEAE	<i>Brachiaria notochthona</i>	Hairy-edged Arm-grass	introduced to region
grass	GRAMINEAE	<i>Brachiaria piligera</i>	Hairy Arm-grass	introduced to region
grass	GRAMINEAE	<i>Brachyachne ciliaris</i>	Hairy Native Couch	w rong ID
grass	GRAMINEAE	<i>Enneapogon polyphyllus</i>	Leafy Bottle-w ashers	introduced from north
grass	GRAMINEAE	<i>Enteropogon ramosus</i>	Umbrella Grass	introduced
grass	GRAMINEAE	<i>Eragrostis speciosa</i>	Handsome Love-grass	possible introduction
grass	GRAMINEAE	<i>Eriochloa pseudoacrotricha</i>	Perennial Cupgrass	probable introduction
grass	GRAMINEAE	<i>Microlaena stipoides var. stipoides</i>	Weeping Rice-grass	highly unlikely
grass	GRAMINEAE	<i>Poa clelandii</i>	Matted Tussock-grass	w rong ID
grass	GRAMINEAE	<i>Poa poiformis var. poiformis</i>	Coast Tussock-grass	possible introduction
grass	GRAMINEAE	<i>Sporobolus creber</i>	Western Rat-tail Grass	dodgy
herbs & forbs	CARYOPHYLLACEAE	<i>Cerastium semidecandrum</i>	Small Mouse-ear Chickweed	not in SA
herbs & forbs	CARYOPHYLLACEAE	<i>Scleranthus pungens</i>	Prickly Knawel	w rong ID
herbs & forbs	AMARANTHACEAE	<i>Ptilotus nobilis var. nobilis</i>	Yellow -tails	w rong ID - probably exaltatus
herbs & forbs	RANUNCULACEAE	<i>Clematis microphylla var. microphylla(NC)</i>	Old Man's Beard	NC
herbs & forbs	DROSERACEAE	<i>Drosera whittakeri(NC)</i>	Scented Sundew	NC
herbs & forbs	CRUCIFERAE	<i>Lepidium rotundum</i>	Veined Peppergrass	w rong ID
herbs & forbs	CRASSULACEAE	<i>Crassula sieberiana</i>	Sieber's Crassula	w rong ID
herbs & forbs	ROSACEAE	<i>Acaena ovina</i>	Dow ny Sheep's Burr	w rong location
herbs & forbs	ZYGOPHYLLACEAE	<i>Tribulus eichlerianus</i>	Eichler's Caltrop	w rong location
herbs & forbs	ZYGOPHYLLACEAE	<i>Zygophyllum aurantiacum ssp. simplicifolium</i>		w rong ID
herbs & forbs	ZYGOPHYLLACEAE	<i>Zygophyllum billardierei</i>	Coast Tw inleaf	w rong ID
herbs & forbs	ZYGOPHYLLACEAE	<i>Zygophyllum kochii</i>	Koch's Tw inleaf	w rong ID
herbs & forbs	ONAGRACEAE	<i>Epilobium billardierianum ssp. cinereum</i>	Variable Willow -herb	w rong location
herbs & forbs	ONAGRACEAE	<i>Epilobium billardierianum ssp. intermedium</i>	Variable Willow -herb	w rong ID
herbs & forbs	HALORAGACEAE	<i>Gonocarpus micranthus ssp. micranthus</i>	Creeping Raspwort	w rong location
herbs & forbs	HALORAGACEAE	<i>Haloragis odontocarpa forma rugosa</i>	Mulga Nettle	not in region
herbs & forbs	HALORAGACEAE	<i>Myriophyllum muelleri</i>	Hooded Milfoil	w rong location

Appendix 13. b). Flora species removed from project area (cont.)

Plant Form	Family Name	Scientific Name	Common Name	Reason for Removal from Project Area
herbs & forbs	RUBIACEAE	<i>Galium migrans ssp. migrans</i>	Loose Bedstraw	w rong location
herbs & forbs	CONVOLVULACEAE	<i>Convolvulus eyreanus</i>	Silver Bindweed	w rong ID - should be <i>C. crispifolius</i>
herbs & forbs	CONVOLVULACEAE	<i>Cuscuta tasmanica</i>	Tasmanian Dodder	w rong location, not in Census
herbs & forbs	CONVOLVULACEAE	<i>Cuscuta victoriana</i>		w rong ID, not in Census
herbs & forbs	BORAGINACEAE	<i>Heliotropium tanythrix</i>		w rong location - not in Census
herbs & forbs	BORAGINACEAE	<i>Myosotis australis</i>	Austral Forget-me-not	w rong ID
herbs & forbs	SCROPHULARIACEAE	<i>Euphrasia collina ssp. osbornii</i>	Osborn's Eyebright	w rong location
herbs & forbs	SCROPHULARIACEAE	<i>Veronica calycina</i>	Hairy Speedwell	w rong ID, not in region
herbs & forbs	SCROPHULARIACEAE	<i>Veronica gracilis</i>	Slender Speedwell	w rong ID, not in region
herbs & forbs	PLANTAGINACEAE	<i>Plantago varia</i>	Variable Plantain	w rong ID
herbs & forbs	CAMPANULACEAE	<i>Lobelia simplicicaulis</i>	Narrow Lobelia	questionable location & ID, could be <i>L. gibbosa</i>
herbs & forbs	CAMPANULACEAE	<i>Wahlenbergia gracilis</i>	Sprawling Bluebell	w rong ID
herbs & forbs	CAMPANULACEAE	<i>Wahlenbergia gymnoclada</i>	Naked Bluebell	probably w rong ID
herbs & forbs	LILIAEAE	<i>Arthropodium milleflorum</i>	Pale Vanilla-lily	w rong ID
herbs & forbs	LILIAEAE	<i>Bulbine bulbosa</i>	Bulbine-lily	w rong ID
herbs & forbs	LILIAEAE	<i>Thysanotus fractiflexus</i>	Zig-zag Fringe-lily	w rong ID
herbs & forbs	AMARYLLIDACEAE	<i>Calostemma luteum</i>		double up
legumes	LEGUMINOSAE	<i>Acacia imbricata</i>	Feathery Wattle	w rong id
legumes	LEGUMINOSAE	<i>Acacia spilleriana</i>	Spiller's Wattle	w rongly mapped
legumes	LEGUMINOSAE	<i>Acacia verniciflua</i>	Varnish Wattle	probable introduction
legumes	LEGUMINOSAE	<i>Bossiaea walkeri</i>	Cactus Pea	w rong ID
legumes	LEGUMINOSAE	<i>Cullen patens</i>	Spreading Scurf-pea	w rong ID
legumes	LEGUMINOSAE	<i>Daviesia genitifolia</i>	Broom Bitter-pea	w rong ID - <i>D. humilis</i>
legumes	LEGUMINOSAE	<i>Indigofera leucotricha</i>	Silver Indigo	w rong location
legumes	LEGUMINOSAE	<i>Platylobium obtusangulum</i>	Holly Flat-pea	w rong location
legumes	LEGUMINOSAE	<i>Pultenaea daphnoides</i>	Large-leaf Bush Pea	w rong location
legumes	LEGUMINOSAE	<i>Pultenaea largiflorens</i>	Twiggy Bush-pea	w rong location
legumes	LEGUMINOSAE	<i>Senna artemisioides ssp. quadrifolia</i>	Four-leaf Desert Senna	w rong ID
legumes	LEGUMINOSAE	<i>Senna artemisioides ssp. sturtii</i>	Grey Senna	w rong ID
legumes	LEGUMINOSAE	<i>Senna artemisioides ssp. zygophylla</i>	Tw in-leaf Desert Senna	w rong ID
legumes	LEGUMINOSAE	<i>Swainsona laxa</i>		not in Census, w rong habitat, probably <i>S. pyrophylla</i>
legumes	LEGUMINOSAE	<i>Swainsona purpurea</i>	Purple Swainson-pea	w rong ID
legumes	LEGUMINOSAE	<i>Swainsona tenuis</i>		w rong ID & location
myrtles	MYRTACEAE	<i>Eucalyptus ovata(NC)</i>	Swamp Gum	dubious
myrtles	MYRTACEAE	<i>Eucalyptus conglobata ssp. conglobata</i>	Port Lincoln Mallee	probably <i>E. phenax compressa</i>
myrtles	MYRTACEAE	<i>Eucalyptus leucoxyloides ssp. megalocarpa</i>	Large-fruit Blue Gum	w rong ID
myrtles	MYRTACEAE	<i>Eucalyptus obliqua</i>	Messmate Stringybark	w rong ID
myrtles	MYRTACEAE	<i>Melaleuca squarrosa</i>	Bottlebrush Tea-tree	w rong ID
orchids	ORCHIDACEAE	<i>Microtis unifolia(NC)</i>	Common Onion-orchid	remove
orchids	ORCHIDACEAE	<i>Caladenia dilatata</i>	Late Spider-orchid	w rong ID
orchids	ORCHIDACEAE	<i>Caladenia macroclavia</i>	Large-club Spider-orchid	w rong ID should be <i>C. verucosa</i>
orchids	ORCHIDACEAE	<i>Caladenia parva</i>	Small Green-comb Spider-orchid	w rong ID should be <i>C. phaeoclavia</i>
orchids	ORCHIDACEAE	<i>Caladenia vulgaris</i>	Plain Caladenia	not in region - could be <i>C. fuscata</i>
orchids	ORCHIDACEAE	<i>Corybas dentatus</i>	Finniss Helmet-orchid	w rong location
orchids	ORCHIDACEAE	<i>Dipodium punctatum</i>		w rong location
orchids	ORCHIDACEAE	<i>Diuris behrii</i>	Behr's Cow slip Orchid	w rong location
orchids	ORCHIDACEAE	<i>Microtis parviflora</i>	Slender Onion-orchid	w rong location
orchids	ORCHIDACEAE	<i>Prasophyllum pruinosum</i>	Plum Leek-orchid	dodgy
orchids	ORCHIDACEAE	<i>Pterostylis nutans</i>	Nodding Greenhood	w rong ID
orchids	ORCHIDACEAE	<i>Thelymitra grandiflora</i>	Great Sun-orchid	w rong ID
orchids	ORCHIDACEAE	<i>Thelymitra macmillanii</i>	Crimson Sun-orchid	hybrid
sedges	JUNACEAE	<i>Juncus planifolius</i>	Broad-leaf Rush	w rong ID / location
sedges	JUNACEAE	<i>Luzula flaccida</i>	Pale Wood-rush	w rong location
sedges	CYPERACEAE	<i>Bolboschoenus fluviatilis</i>		questionable ID
sedges	CYPERACEAE	<i>Gahnia radula</i>	Thatch Saw-sedge	w rong ID
sedges	CYPERACEAE	<i>Lepidosperma sp. Narrow leaf (R.L. Taplin 709)</i>		w rong ID
sedges	CYPERACEAE	<i>Schoenoplectus litoralis</i>	Shore Club-rush	w rong location
sedges	CYPERACEAE	<i>Schoenus nitens</i>	Shiny Bog-rush	w rong ID
sedges	CYPERACEAE	<i>Tetraria capillaris</i>	Hair Sedge	w rong ID
shrubs	SANTALACEAE	<i>Exocarpos syrticola</i>	Coast Cherry	coastal spp - remove

Appendix 13. b). Flora species removed from project area (cont.)

Plant Form	Family Name	Scientific Name	Common Name	Reason for Removal from Project Area
shrubs	DILLENIACEAE	<i>Hibbertia crinita</i>		w rong ID
shrubs	DILLENIACEAE	<i>Hibbertia pallidiflora</i>	Round-leaf Guinea-flow er	w rong ID
shrubs	PITTOSPORACEAE	<i>Billardiera scandens var. scandens</i>	Eastern Apple-berry	not in region
shrubs	PITTOSPORACEAE	<i>Billardiera sericophora</i>	Silky Apple-berry	w rong ID
shrubs	PITTOSPORACEAE	<i>Billardiera uniflora</i>	One-flow er Apple-berry	w rong ID
shrubs	RUTACEAE	<i>Boronia edwardsii</i>	Edw ards' Boronia	unlikely
shrubs	RUTACEAE	<i>Boronia parviflora</i>	Sw amp Boronia	unlikely
shrubs	RUTACEAE	<i>Correa aemula</i>	Hairy Correa	w rong location
shrubs	RUTACEAE	<i>Correa backhouseana var. coriacea</i>	Thick-leaf Correa	w rong ID - dodgy
shrubs	RUTACEAE	<i>Correa eburnea</i>		dodgy record
shrubs	RUTACEAE	<i>Correa pulchella</i>	Salmon Correa	w rong ID
shrubs	TREMATACEAE	<i>Tetraloche pilosa ssp. pilosa</i>	Hairy Pink-bells	w rong location
shrubs	SAPINDACEAE	<i>Dodonaea tepperi</i>	Streaked Hop-bush	behaves as hybrid
shrubs	RHAMNACEAE	<i>Cryptandra sp. Long hypanthium (C.R. Al</i>	Long-flow er Cryptandra	w rong
shrubs	RHAMNACEAE	<i>Cryptandra waterhousii</i>	Waterhouse's Cryptandra	remove
shrubs	STERCULIACEAE	<i>Rulingia loxophylla</i>	Pur#ar-pur#arpa	w rong location
shrubs	THYMELAEACEAE	<i>Pimelea imbricata var. petraea</i>	Rock Woolly Riceflow er	w rong location
shrubs	FRANKENIACEAE	<i>Frankenia cordata</i>		w rong ID
shrubs	FRANKENIACEAE	<i>Frankenia cupularis</i>		w rong ID
shrubs	FRANKENIACEAE	<i>Frankenia pauciflora var. fruticulosa</i>	Southern Sea-heath	w rong ID
shrubs	EPACRIDACEAE	<i>Lissanthe strigosa ssp. subulata</i>	Peach Heath	w rong ID
shrubs	LOGANIACEAE	<i>Logania crassifolia</i>	Coast Logania	not in region
shrubs	LOGANIACEAE	<i>Logania recurva</i>	Recurved Logania	w rong location
shrubs	SOLANACEAE	<i>Solanum lasiophyllum</i>	Flannel Bush	w rong location
shrubs	SOLANACEAE	<i>Solanum sturtianum</i>	Sturt's Nightshade	introduced
shrubs	GOODENIACEAE	<i>Goodenia cycloptera</i>	Serrated Goodenia	w rong ID
shrubs	GOODENIACEAE	<i>Scaevola albida</i>	Pale Fanflow er	w rong ID
shrubs	GOODENIACEAE	<i>Scaevola calendulacea</i>	Dune Fanflow er	data entry error
shrubs	GOODENIACEAE	<i>Scaevola crassifolia</i>	Cushion Fanflow er	w rong ID