

CHARLES DARWIN RESERVE
(WHITE WELLS STATION)
WESTERN AUSTRALIA
FLORA SURVEY
AND
FIELD HERBARIUM PROJECT



Volunteers of the Bushland Plant Survey Project

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for

Bush Heritage Australia

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SUMMARY

A total of 554 taxa (species, subspecies and varieties), 527 native and 27 weeds were recorded from 71 plant families in the course of a survey on Charles Darwin Reserve in 2007-2008 by volunteers of the Wildflower Society of Western Australia. Nineteen threatened species comprising five Priority 1 taxa, one Priority 2 taxon, twelve Priority 3 taxa and one Priority 4 taxon were located within the study area. Thirty-four quadrats were established within six of the fifteen land systems.

A field herbarium of specimens held in 24 A4 lever arch files has been given to Bush Heritage. Most of the specimens have been vouchered at the WA Herbarium. A small reference herbarium has also been compiled for ready use by visitors, of specimens representing taxa in the vicinity of the homestead.

1 INTRODUCTION

The Wildflower Society's Bushland Plant Survey Project is a community project that has been in existence since 1988. It has the combined objectives of learning through involvement and bushland conservation. It is based on the belief that by developing an understanding of our surroundings we are better able to value them. It aims to help community groups and individual landholders know and conserve their bushland by providing training and help to survey, document and monitor vegetation and flora. In particular it encourages the recognition of native plants and plant communities. This knowledge can then be utilised in the management and conservation of the bushland.

Within this program the Wildflower Society of Western Australia (WSWA) conducted a survey and compiled a field herbarium for Eurardy Station (WSWA 2005). That project highlighted the flora and vegetation values of Eurardy, playing an important part in its purchase by Australian Bush Heritage. Through ongoing connections of volunteers and the recognition by Bush Heritage of the value of the Eurardy Field Herbarium project, it was agreed to conduct a similar project at Charles Darwin Reserve. This Reserve is renowned for its York Gum and mixed Salmon Gum and Gimlet Woodlands which have been widely cleared elsewhere; natural salt lakes; and its wildflowers, with carpets of daisies and a wide selection of shrubs bursting into flower in spring. The WSWA applauds and supports Bush Heritage's aims of protecting the biodiversity of the area by purchasing Charles Darwin Reserve for the purpose of conservation.

It was agreed that the aim of the project was to survey several areas of the Reserve, in order to provide a species list and field herbarium to complement existing floristic and vegetation information for the Reserve and to provide voucher specimens for incorporation into the Western Australian Herbarium. Over 2007 and 2008, forty volunteers from the WSWA Bushland Plant Survey Project visited Charles Darwin Reserve to conduct the survey work. This involved the establishment of 34 permanent quadrats and general (opportunistic) collecting. Identification of the specimens and compiling of the field herbarium was conducted by volunteers at the WA Herbarium from the time of the first collections in 2007 through to 2010. This report marks the completion of the project.

2 STUDY AREA

Charles Darwin Reserve (also known as White Wells Station) is approximately 375 km north-east of Perth, in the Shire of Perenjori (Map 1). It is 68,600 hectares in size and, when acquired by Bush Heritage in 2003, operated as a sheep station. It has a semi-desert Mediterranean climate. Average annual rainfall at the Reserve is about 314 mm (Bureau of Meteorology 2010). Rain falls predominantly in winter as a result of southern low pressure systems and associated cold fronts; summer rain occurs sporadically as thundershowers or associated with tropical cyclones or rain-bearing depressions (Burbidge *et al.* 1989). It is, however, highly variable and in 2000 to 2002 and 2005 and 2006, the winter rains failed. Fortunately the area received “average” rains in the year of this survey with 364.4 mm being recorded at White Wells weather station in 2008.

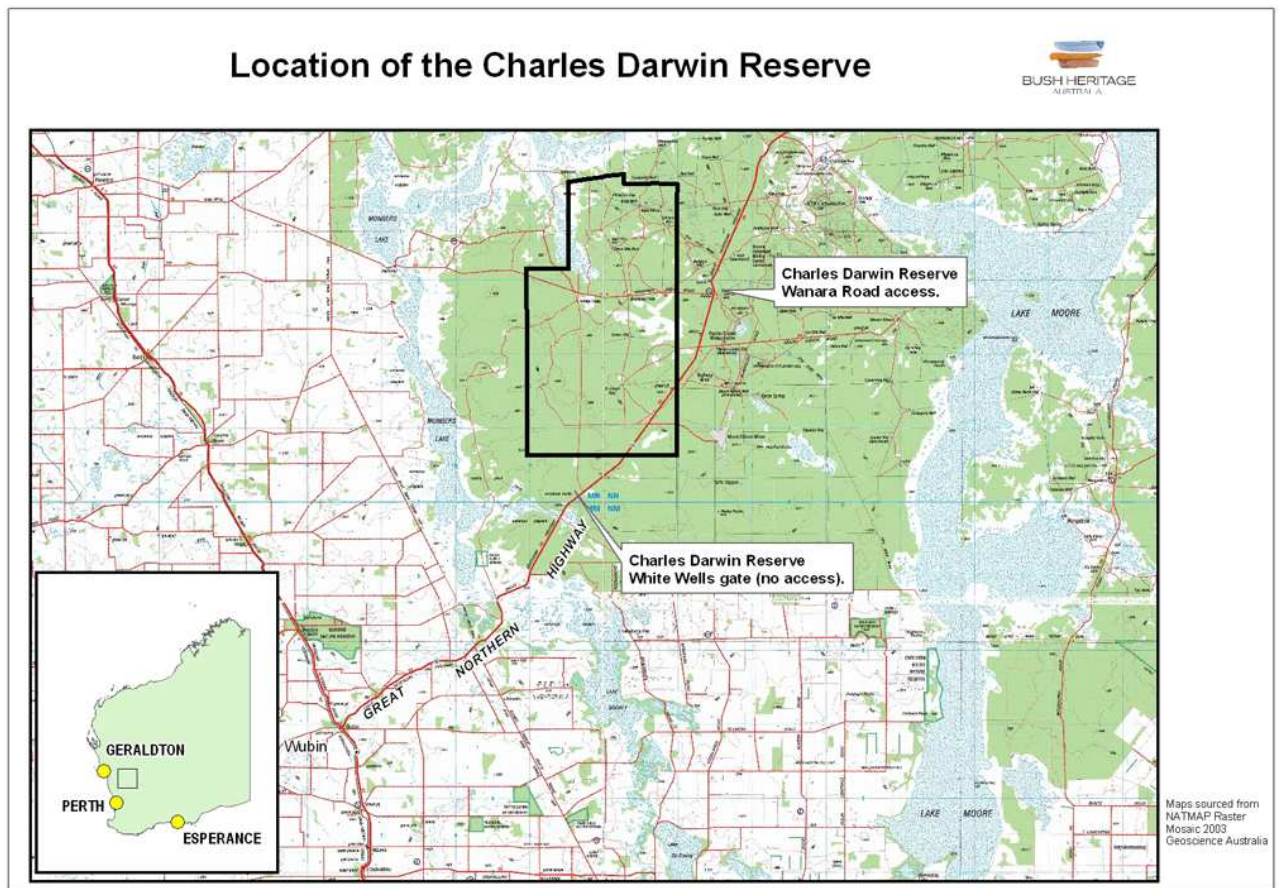
The general physiography is subdued, with topographical variation of only a few metres between the tops of breakaways and beds of salt lakes. The weathered and eroded landscape is one of vast sand plains, low ridges of laterite or granite bedrock, breakaways and extensive natural salt lake systems. Lake Moore is to the east of the Reserve and Lake Monger is to the west.

A recognised method of mapping and describing the geology, landform, climate, soils and native vegetation of rangeland areas is by using land systems. A land system was defined by Christian and Stewart (1953) as an “area with a recurring pattern of topography, soils and vegetation”. Fifteen land systems have been identified in the Reserve (Payne *et al.* 1998) (see Appendix 1, Table 2). For an interesting account by Charlie Nicholson of the derivation of the Land System names go to “The Charles Darwin Reserve Community History” on the Australian Bush Heritage web site (Bush Heritage Australia 2010).

Vegetation in Western Australia has been described on a broad scale in a series of publications by Beard. He divided the state into botanical provinces, districts, subdistricts and systems. Within this framework Charles Darwin Reserve falls on the border of the Avon Botanical District in the Wheatbelt Region of the South-West Botanical Province, and the Austin Botanical District of the Murchison Region of the Eremaean Botanical Province (Beard 1976, 1981, 1990). Beard’s Avon Botanical District corresponds with the Interim Biogeographic Regionalisation for Australia (IBRA) Avon Wheatbelt region and his Austin Botanical District corresponds with the Yalgoo IBRA region (Environment Australia, 2000). The Yalgoo region is an interzone, between southwest bioregions and the Murchison IBRA region. Twelve vegetation associations described by Beard are represented on Charles Darwin Reserve. They are described in the management plan (Australian Bush Heritage Fund 2006).

As a result of its location, the Reserve falls in a transitional zone between the temperate, species rich South-West (a biodiversity hotspot) and the arid Eremaean Botanical Provinces, straddling the mulga-eucalypt line, with its flora and vegetation displaying some characteristics of each. To quote Charlie Nicholson “*The Mulga-Eucalypt line can be drawn as a line on a map: it is a real phenomenon on the ground. It is possible to see the change from dense shrublands on yellow sandplain and York gum woodlands on red loamy soils, to the stony red earths with their covering of open acacia shrubland as one moves into the north-eastern end of Charles Darwin Reserve, from Seven Mile Well to Christmas Bore.*”

Flora and vegetation work specific to the Reserve had been limited prior to the commencement of this project. Collections were made by Western Australian Herbarium botanists Sue Patrick and Daphne Edinger in 2003 and 2004, and the weed species were collected by Dr Ian Clarke of the Herbarium of Victoria in 2005. Bush Heritage volunteer Len Warren has carried out detailed observations and understory plant collections in some Salmon Gum and York Gum Woodlands on the Reserve since 2004 (Warren 2010). As part of the new Climate Change Observatory Project the WA Herbarium recently conducted flora survey work which, along with this project, adds significantly to the collections for the Reserve.

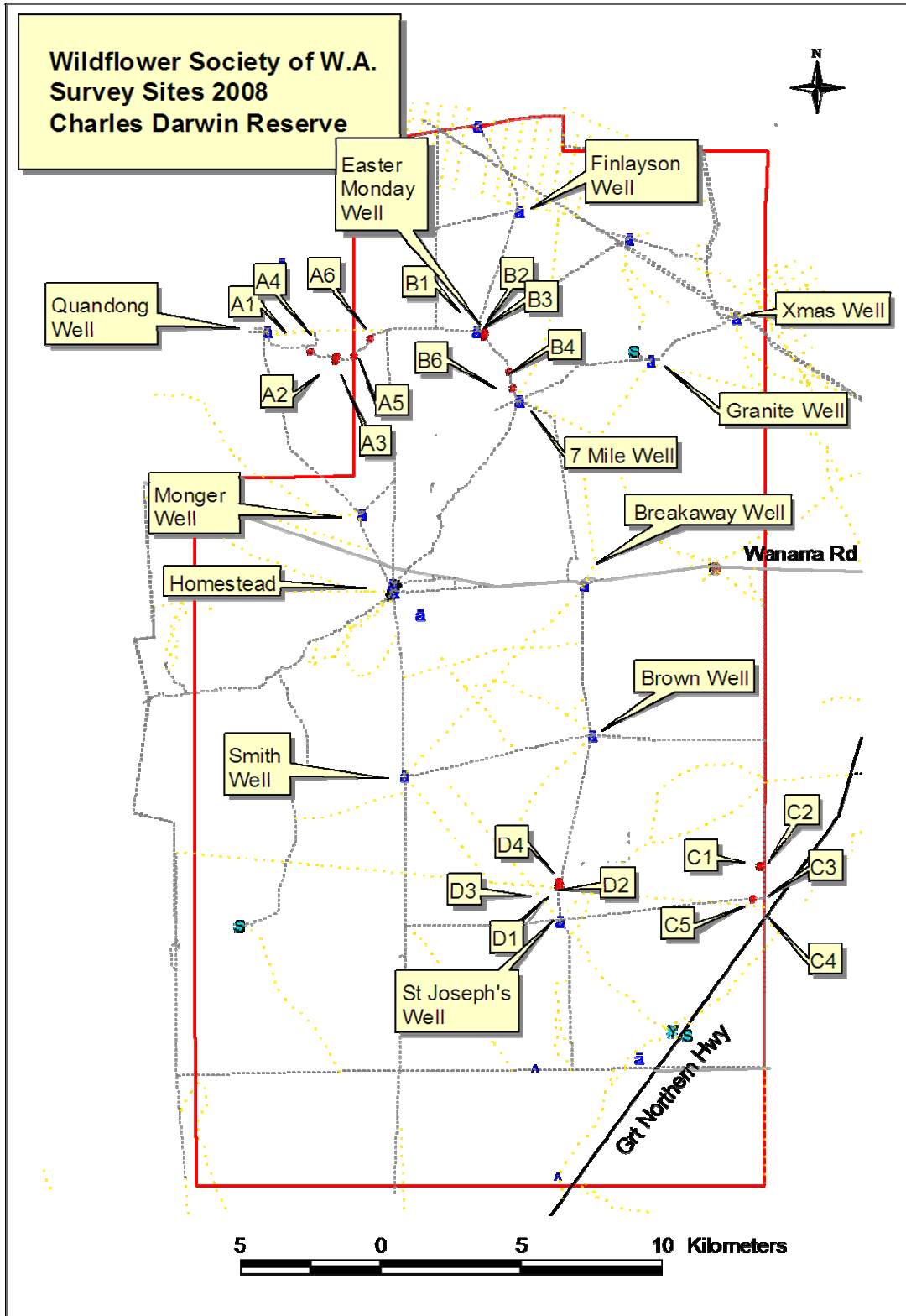


Map 1 Location of Charles Darwin Reserve

3 METHODS

The standard survey techniques used are well described in the Wildflower Society publication "Bushland Plant Survey for the Community" (Keighery 1994). The methods have proved successful for community participation with the use of quadrats and standardised data sheets providing a systematic procedure for the collection of information, ensuring all species, not just the most conspicuous, are sampled. In this project large 20 m x 20 m quadrats were used in order to adequately sample the vegetation. The quadrats were marked with galvanised steel fence droppers and the markers left in position enabling them to be relocated for future monitoring. Their position was recorded by GPS co-ordinates.

Three pre-visits were conducted on 28th – 29th August 2007 (five WSWA participants); 23rd March 2008 (one WSWA participant) and 11th – 13th July 2008 (four WSWA participants). The purpose of the pre-visits was to familiarize with the landscape and plan a suitable program for survey weekends involving at least 20 volunteers. Suitable quadrat locations were determined for the upcoming surveys, to enable sampling of a range of plant communities within a reasonable distance of the homestead. Survey areas were selected on the basis of sampling different vegetation communities within areas of highest priority indicated by the Bush Heritage managers. Sites also needed to be readily accessible. Given the size and diversity of the Reserve, a comprehensive survey of all vegetation types was impossible. For example, the northern area of the Reserve including the banded ironstone and gold mining site was not included and lower priority was given to the sandplain vegetation. Greatest emphasis was given to granites. The quadrats located according to land system are listed in Appendix 1, Table 2.



Map 2 Wildflower Society of WA survey sites at Charles Darwin Reserve - August 2008

It was decided to conduct two surveys, one early in spring and one later, so that plants and habitats that flower at different times would be sampled. For example, granite areas flower early but are finished by the time the sandplain comes into flower. The first survey was held on 22nd - 25th August 2008, and was hosted by locum managers Len and Valerie Warren. Twenty-six participants established twenty-one 20 m x 20 m quadrats (A1-A6, B1-B5, C1-C5, D1-D5; see Map 2), both north and south of the homestead. Data was recorded by groups of volunteers led by a botanist or experienced volunteer.

The second survey was held on 10th – 13th October 2008, and was hosted by managers Kurt and Andrea Tschirner. Twenty-three participants established a further thirteen 20 m x 20 m quadrats (W1-W4, X1-X5, Y1-Y4; see Map 3), revisited some of the August quadrats and made several opportunistic collections, including around the homestead. The purpose of the revisits was to collect further material of any plants that were not yet in flower in August (eg. grasses). Opportunistic collections were conducted to collect good flowering material for herbarium specimens, especially of plants that might not have been recorded in quadrats.

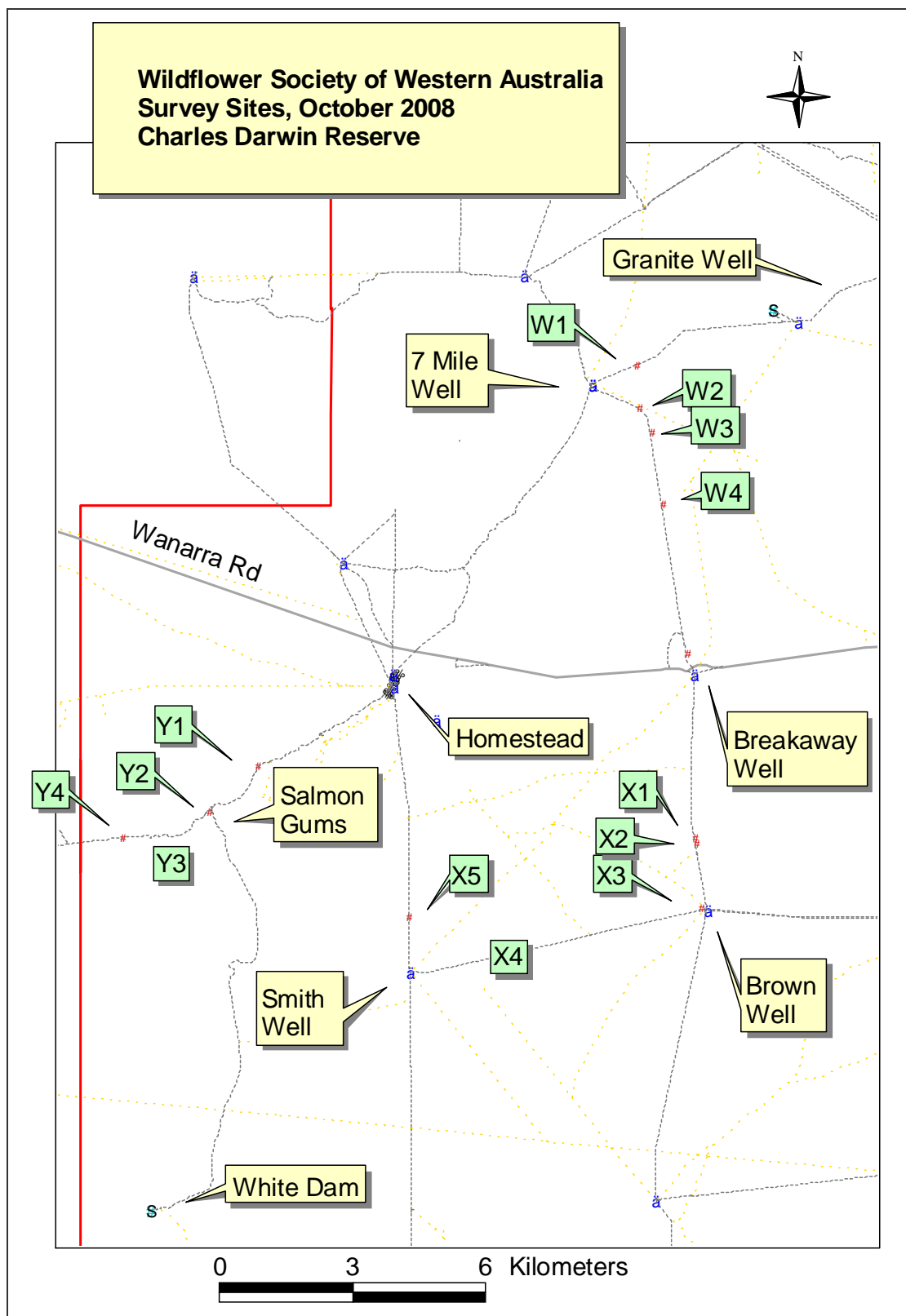
Because of high visitation to Charles Darwin Reserve it was felt a reference set of species growing close to the homestead would be a useful resource for the visitor's quarters. So a collection of specimens from the area around the homestead was made. A separate little field herbarium with colour scans of specimens has been made as a useful and durable ready reference for visitors.

The season for the surveys was good with sufficient rains for spectacular shows of flowers (including annuals) in most areas, especially the granites.

At the completion of field work specimens were pressed and taken to Perth for drying. Identification work was then carried out by a band of volunteers in regular sessions at the Western Australian Herbarium. All plant specimens were verified against specimens from the WA Herbarium with many specimens verified with the help of specialist botanists.

Once identifications were completed, for each of the species, material suitable for mounting for a WA Herbarium voucher, with a duplicate for the Charles Darwin Reserve field herbarium, was selected. Some species had been collected on several sampling sites, some only once. In a few cases there was inadequate material for a WA Herbarium voucher. Some specimens were sterile and could not be identified.

Descriptions for the herbarium labels were compiled from the information gathered on the quadrat data sheets. Specimen data was typed onto the Herbarium Max software program, ready for database staff to produce duplicate labels – one for the WA Herbarium voucher and one for the field herbarium, each with its identifying barcode. This barcode, located in the bottom right hand corner of the specimen sheet, means that name changes and re-identifications can be tracked in the future through FloraBase (WA Herbarium 1998-). FloraBase is an online record of the WA Herbarium collection.



Map 3 Wildflower Society of WA survey sites at Charles Darwin Reserve – October 2008

4 RESULTS

4.1 FLORA

A total of 554 taxa (species, subspecies and varieties), 527 native and 27 weeds were recorded from 71 plant families (Appendix 2a). These were comprised of 353 perennials and 201 annuals. Included are 35 taxa which were unable to be identified to species level. This includes records from the 34 quadrats and adjacent areas, collections made on site pre-visits and opportunistic collections along tracks and around the homestead (Appendix 2b).

Eleven plant families accounted for 60 % of the total taxa, four families for 40%, with the daisy family (Asteraceae) being the largest group with 70 native taxa and 6 weeds. The top eleven species rich families were as follows:

Family	No. native taxa	No. weed taxa	Total no. taxa
Asteraceae (daisies)	70	6	76
Fabaceae (incl Mimosaceae- wattles)	57 (37)	0	57
Myrtaceae	52	0	52
Chenopodiaceae	39	0	39
Poaceae (grasses)	21	6	27
Proteaceae	20	0	20
Goodeniaceae	16	0	16
Portulacaceae (<i>Calandrinia</i>)	15	0	15
Amaranthaceae	14	0	14
Scrophulariaceae (<i>Eremophila</i>)	14	0	14
Asparagaceae	13	0	13

This survey does not provide a full representation of the flora of the reserve, having surveyed only 6 of the 15 land systems but has added significantly to the records for the Reserve. At the time of planning for this survey only 222 species of native flowering plants from Charles Darwin Reserve had been identified by the WA Herbarium with a further 80 specimens awaiting identification (ABHF Management Plan 2006).

Most of the taxa recorded in this survey have been vouchered with the WA Herbarium (Appendix 3). That is, they have been mounted, labelled, entered onto FloraBase (WA Herbarium 1998-) and incorporated into the main herbarium collection. Duplicates have been mounted for the Charles Darwin Reserve field herbarium with herbarium labels and barcodes attached. Some field herbarium duplicates carry different locality labels to the herbarium voucher. In these cases there was insufficient material from one quadrat for a voucher and its duplicate. The specimen will match the taxon which has been barcoded. Some un-vouchered specimens have been included in the field herbarium so they do not carry a barcode.

The field herbarium specimens have been mounted on A4 sheets in plastic sleeves, held in 24 lever arch files. The specimens have been arranged alphabetically in plant **families** and within families alphabetically by **genera**. Grasses, rushes, sedges and sedge-like herbs have been grouped together in one file; they have similar life forms and it was considered this would make identification easier for users. The weeds have been grouped alone in another file as it is considered important to any bushland management to be able to distinguish between a native plant and an introduced plant. All specimens in the field herbarium have been scanned and have been given to Bush Heritage on disc.

Copies of the quadrat field recording sheets have also been given to Bush Heritage.

4.1.1 Declared Rare and Priority Flora (Table 1)

No declared rare flora were recorded. Nineteen threatened species (Priority taxa) (Atkins 2010) were located within the study area. These comprised five Priority 1 taxa, one Priority 2 taxon, twelve Priority 3 taxa and one Priority 4 taxon. Rare and threatened species are protected under the *Wildlife Conservation Act 1950* and

their management falls under the jurisdiction of the Department of Environment and Conservation (DEC). Priority taxa are those which have uncertain conservation status. The various categories relating to threatened flora and their meanings are summarised in Appendix 1, Table 1.

No EPBC taxa (conservation taxa at the Commonwealth level, under the Environment Protection and Biodiversity Conservation Act 1999) or IUCN taxa (conservation taxa at an International level, according to the IUCN Red List of Threatened Species) were recorded.

Table 1 Priority flora recorded by the Wildflower Society on Charles Darwin Reserve

Botanical name	Family	Conservation Code
<i>Acacia cerastes</i>	Fabaceae	P1
<i>Acacia</i> sp. Goodlands (B.R. Maslin 7761)	Fabaceae	P1
<i>Lepidosperma</i> sp. Blue Hills (A. Markey & S. Dillon 3468) PN	Cyperaceae	P1
<i>Mirbelia cordifolia</i> MS	Fabaceae	P1
<i>Philotheca nutans</i>	Rutaceae	P1
<i>Stenanthemum poicilum</i>	Rhamnaceae	P2
<i>Acacia formidabilis</i>	Fabaceae	P3
<i>Austrostipa blackii</i>	Poaceae	P3
<i>Calotis</i> sp. Perrinvale Station (R.J. Cranfield 7096) PN	Asteraceae	P3
<i>Gnephosis</i> sp. Norseman (K.R. Newbey 8096) PN	Asteraceae	P3
<i>Elatine macrocalyx</i>	Elatinaceae	P3
<i>Enekbatus longistylus</i> MS	Myrtaceae	P3
<i>Euryomyrtus recurva</i>	Myrtaceae	P3
<i>Gunniopsis rubra</i>	Aizoaceae	P3
<i>Persoonia pentasticha</i>	Proteaceae	P3
<i>Podotheca uniseta</i>	Asteraceae	P3
<i>Psammomoya implexa</i>	Celastraceae	P3
<i>Tricoryne</i> sp. Morawa (G.J. Keighery & N. Gibson 6759) PN	Hemerocallidaceae	P3
<i>Wurmbea murchisoniana</i>	Colchicaceae	P4

○ ***Acacia cerastes* Priority 1**

The earliest collection of this shrub with intricate wiry branches and reduced phyllodes was made in 1952 by Gardner on slopes of Mt Gibson. Twenty collections are in the Western Australian Herbarium, one from White Wells (Charles Darwin Reserve) in 2004 and one from this survey in 2007; the remainder are from Ninghan Station and Mt Gibson. So it has a limited known distribution and occurs on granites and banded ironstone.

○ ***Acacia* sp. Goodlands (B.R. Maslin 7761) Priority 1**

Prior to this survey, only 3 collections were recorded on FloraBase from locations NE of Kalannie on sandy loam flats. It is a dense domed shrub, wider than high with erect phyllodes. It was initially mistaken for *Acacia coolgardiensis* in this survey and recorded from four locations in the Reserve. It appears to be a colonizer species, being recorded as regrowth on the Kalannie specimens and two in this survey from fire regrowth areas in the Bannar Land System and one from the Joseph Land System.

○ ***Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN Priority 1**

This sedge was first recognised as a new taxon from collections made on Karara Station in 2005. Of six specimens in the WA Herbarium 3 are from Karara Station and 3 from Charles Darwin Reserve. It is well represented on the Reserve, being recorded on six quadrats around granites in this survey.

○ ***Mirbelia cordifolia* MS Priority 1**

Prior to this collection only 2 specimens were recorded on FloraBase. This shrub was recorded twice in this survey – in regrowth after 2003-04 fires on yellow sand in the Bannar land system and at the base of St Joseph's granites. These occurrences are considerable eastern extensions of the previously collected populations.

- ***Philotheca nutans* Priority 1**
Several specimens have been collected from the region including some from White Wells in the early 1990's. It was not collected during this survey but was noted by visitors to Charles Darwin Reserve and a specimen sent to the Wildflower Society for identification. The pendulous red flowers are distinctive compared to the other six *Philotheca* taxa recorded on the Reserve.
- ***Stenanthemum poicilum* Priority 2**
This small shrub with white flowers has been recorded in an area from Mullewa to Perenjori, Blue Hills Range, Koolanooka and Warriedar. A specimen was collected on White Wells station (the Reserve) in 2004. In this survey it was recorded only once on yellow sandy loam in the Pindar land system in regrowth from 2002 fires.
- ***Acacia formidabilis* Priority 3**
This prickly, glaucous wattle was first collected in the White Wells area by Charles Gardner in 1960. It has also been recorded from near Southern Cross, Merredin, Koolyanobbing and Paynes Find. It was recorded in this survey in regrowth after 2003-04 fires on yellow sand in the Bannar land system.
- ***Austrostipa blackii* Priority 3**
This perennial grass is found mainly in the eastern states of Australia. It has a scattered distribution in WA – records from Yandhanoo Hills, the south west and the Goldfields area. It was recorded from only one quadrat in this survey in the Euchre Land System on the slopes of a granite breakaway.
- ***Calotis* sp. Perrinvale Station (R.J. Cranfield 7096) PN Priority 3**
An annual herb with several collections from Karara Station, Blue Hills, Golden Grove and Perrinvale Station on banded ironstone formations. It was recorded once in this survey on rock outcrop near Easter Monday Well.
- ***Elatine macrocalyx* Priority 3**
This prostrate herb is found on the edge of wetlands and only 3 other collections have been made in WA. This record from one of the dams near the homestead extends its known distribution westwards.
- ***Enekbatus longistylus* MS Priority 3**
This pink flowering spreading shrub has been well collected in the Perenjori area and seems to be confined to an area between Morawa and Charles Darwin Reserve. It was recorded once in this survey in regrowth after 2003-04 fires on yellow sand in the Bannar land system.
- ***Euryomyrtus recurva* Priority 3**
Another myrtaceous shrub with 23 records on FloraBase from the local region and areas further north-east and east. It has been recorded from Lake Moore but this appears to be the first record for Charles Darwin Reserve.
- ***Gnephosis* sp. Norseman (K.R. Newbey 8096) PN Priority 3**
FloraBase had 8 records from 5 different locations of this low spreading annual daisy. This collection from around the Charles Darwin Reserve homestead is a significant north-west extension of its range.
- ***Gunniopsis rubra* Priority 3**
This succulent annual herb has been fairly widely collected in a range of habitats from ironstone ranges to saline depressions. This was the first collection on Charles Darwin Reserve from under Salmon Gum Woodland.
- ***Persoonia pentasticha* Priority 3**
There are 39 records on FloraBase of this proteaceous shrub with pungent 5 ribbed leaves, mostly from banded iron formations in the region. It was recorded on three quadrats in this survey, twice in Woodlands on granites near Easter Monday Well and in *Callitris columellaris* Woodland in the Bannar land system.

- ***Podotheca uniseta* Priority 3**
This semi-succulent annual daisy has been collected in several locations and favours saline habitats. This collection was on a dune between salt lakes in the Carnegie land system.
- ***Psammomoya implexa* Priority 3**
This much branched shrub was first collected by Charles Gardner in 1945 near Wilroy and again in 1953 near Ninghan. It has since been collected over an area from Mullewa to Lake Mollerin often in Mallee or Shrublands. It was recorded once in this survey in regrowth after 2003-04 fires on yellow sand in the Bannar land system.
- ***Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN Priority 3**
Eight collections of this sprawling herb had been made since 1980 from an area east of Morawa to Nungarin. It was recorded four times in this survey, twice around laterite breakaways in the Euchre land system and twice in Woodlands in the Pindar land system. It has recently changed from Priority 1 to Priority 3.
- ***Wurmbea murchisoniana* Priority 4**
This annually appearing herb with a perennial corm and white flowers favours seasonally inundated hollows and rock pools. It has been recorded from scattered locations north from Eurardy Station and the Murchison River and south to Norseman. It was recorded in August five times during this survey, on granites in the Euchre land system.

It is interesting to note that multiple Priority taxa were recorded on some quadrats:

Four were recorded on quadrat WSWA B2 (*Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN, *Calotis* sp. Perrinvale Station (R.J. Cranfield 7096) PN, *Persoonia pentasticha* and *Wurmbea murchisoniana*). This was on the edge of a granite outcrop near Easter Monday Well.

Three were recorded on quadrat WSWA C4 (*Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN, *Austrostipa blackii* and *Wurmbea murchisoniana*). This was on the slope of a granite breakaway.

Three were recorded on or adjacent to quadrat WSWA D2 (*Acacia cerastes*, *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN, *Mirbelia cordifolia*). This was at the base of the St Joseph's Well granite outcrop.

Four were recorded on quadrat WSWA WI (*Acacia formidabilis*, *Acacia* sp. Goodlands (B.R. Maslin 7761), *Enekbatus longistylis* and *Mirbelia cordifolia*). This was between 7 Mile Well and Granite Well in regrowth after 2003-04 fires on yellow sand in the Bannar land system.

Two were recorded on quadrat WSWA B6 (*Crassula colorata* var. *miriamiae* and *Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN). This was on another granite outcrop between 7 Mile Well and Easter Monday Well.

Two were recorded on quadrat WSWA X5 (*Stenanthemum poecilum* and *Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN). As well, *Actinotus* sp. Comet Vale (A.V. Milewski AVM 1093) was recorded on the roadside adjoining this quadrat and this record was a significant range extension westwards of this annual herb. This quadrat was in regrowth from a 2002 fire, north of Smith Well towards the Homestead on a yellow sandy loam flat.

Other Priority Taxa recorded for Charles Darwin Reserve

The following taxa have been recorded for the Reserve but were not recorded in the course of this survey (Australian Bush Heritage Fund 2006 and FloraBase).

Botanical name	Family	Conservation Code
<i>Comesperma griffinii</i>	Polygalaceae	P2
<i>Grevillea subtiliflora</i>	Proteaceae	P3
<i>Micromyrtus acuta</i> (formerly <i>M. cuensis</i>)	Myrtaceae	P3
<i>Verticordia venusta</i>	Myrtaceae	P3

4.1.2 Geographically significant flora

The distribution of species which have been collected throughout the state and incorporated into the collection of the Western Australian Herbarium is recorded on FloraBase. Survey records and field experience combined with this information enables a picture of the distribution of species to be developed. As more survey work is carried out within Western Australia, the knowledge of species occurrences will continue to change. For example this survey has extended the range of the following species:

- *Actinotus* sp. Comet Vale (A.V. Milewski AVM 1093) - a significant range extension westwards of this annual herb.
- *Lobelia anceps* an eastern extension of its northern range.

4.2 VEGETATION

Vegetation was recorded for each of the 34 quadrats and the descriptions are attached in Appendix 2e. Vegetation structure (Appendix 1, Table 3) and condition (Appendix 1, Table 4) were recorded according to Keighery (1994). As the purpose of the project was to increase the knowledge of the flora of the Reserve and to compile a field herbarium, no attempts to analyse the vegetation data have been made. Len Warren's studies of "The Salmon Gums" (quadrat WSWA Y2) and the York Gum Woodlands offer insights and detailed descriptions of these two vegetation types (Warren 2010).

Broadly speaking the quadrats were selected to adequately sample a selection of vegetation types in different land systems as follows:

WSWA Quadrat	Vegetation type	Landsystem
A1-6	Salt lake samphires and surrounding dunes	Carnegie
B1, C2, C5	York Gum (<i>E. loxophleba</i>) Woodland on granites and breakaways	Euchre
B2-6, C1, C3-4	Shrublands and Herblands on granites and breakaways	Euchre
D1-5	Herblands and surrounding shrublands of granite outcrops	Bandy
W1-2	Fire regrowth Shrublands	Bannar
W3	Cypress Pine (<i>Callitris columellaris</i>) Woodland	Bannar
W4	Mixed Shrublands	Bannar
X1	Fire regrowth <i>E. leptopoda</i> Mallee over Acacia Shrublands	Joseph
X2	<i>E. subangusta</i> Mallee over Acacia Shrublands	Joseph
X3	<i>E. kochii</i> Mallee over Acacia Shrublands	Joseph
X4	York Gum (<i>E. loxophleba</i>) Woodland on red soils	Pindar
X5	<i>E. horistes</i> Mallee over Shrublands	Pindar
Y1, Y4	Mixed Shrublands	Joseph
Y2	Salmon Gums (<i>E. salmonophloia</i>) Woodland	Euchre
Y3	<i>E. subangusta</i> Mallee	Euchre

5 ACKNOWLEDGEMENTS

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The help and enthusiasm of the Wildflower Society volunteers and botanists along with Friends of Charles Darwin Reserve were vital and they all gave generously of their time. Special acknowledgment must go to the dedicated group of volunteers who carried out the lion's share of work each Wednesday at the WA

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7 APPENDICES

APPENDIX 1: Threatened species codes, land systems, vegetation structure and condition

Table 1: Categories used to define the conservation status of flora taxa at state level, under the *Wildlife Conservation Act 1950*

Categories are defined in Atkins (2010).

Western Australian Flora Conservation Codes	
R	Declared Rare Flora – Extant Taxa Taxa which have been adequately searched for, and are deemed to be in the wild either rare, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such.
X	Declared Rare Flora - Presumed Extinct Taxa Taxa which have not been collected, or otherwise verified, over the past 50 years despite thorough searching, or of which all known wild populations have been destroyed more recently, and have been gazetted as such.
P1	Priority One - Poorly Known Taxa Taxa which are known from one or a few (generally <5) populations which are under threat, either due to small population size, or being on lands under immediate threat, e.g. road verges, urban areas, farmland, active mineral leases, etc., or the plants are under threat, e.g. from disease, grazing by feral animals, etc. May include taxa with threatened populations on protected lands. Such taxa are under consideration for declaration as ‘rare flora’, but are in urgent need of further survey
P2	Priority Two - Poorly Known Taxa Taxa which are known from one or a few (generally <5) populations, at least some of which are not believed to be under immediate threat (i.e. not currently endangered). Such taxa are under consideration for declaration as ‘rare flora’, but are in urgent need of further survey
P3	Priority Three - Poorly Known Taxa Taxa which are known from several populations, and the taxa are not believed to be under immediate threat (i.e. not currently endangered), either due to the number of known populations (generally >5), or known populations being large, and either widespread or protected. Such taxa are under consideration for declaration as ‘rare flora’ but are in need of further survey.
P4	Priority Four – Rare Taxa Taxa which are considered to have been adequately surveyed and which, whilst being rare (in Australia), are not currently threatened by any identifiable factors. These taxa require monitoring every 5–10 years.

Note, the need for further survey of poorly known taxa is prioritised into the three categories depending on the perceived urgency for determining the conservation status of those taxa, as indicated by the apparent degree of threat to the taxa based on the current information.

Table 2: Land systems of Charles Darwin Reserve

Taken from Payne *et al.* (1998)

System	Description	WSWA Quadrats
Bandy	Low outcrops of granite and fringing plains	D1, D2, D3, D4, Dam
Bannar	Level sandplain and gravelly sandplain	W1, W2, W3, W4
Carnegie	Salt lakes with fringing saline plains, dunes and sandy banks	A1, A2, A3, A4, A5, A6
Challenge	Gently undulating plains with occasional hills, tors and breakaways	
Euchre	Low breakaways with short saline footslopes	B1, B2, B3, B4, B6, C1, C2, C3, C4, C5, Y2, Y3
Gabanintha	Ridges and rounded hills of basalt, dolerite, jaspilite and greenstone	
Graves	Low hills of greenstone, rises with limonite and undulating lower plains	
Joseph	Undulating yellow sandplain with very dense mixed shrublands	X1, X2, X3, Y1, Y4
Kalli	Level to gently undulating plains of red sand over laterite	
Moriarty	Gently undulating stony plains, low rises with limonite and alluvial plains	
Olympic	Irregular plains and occasional low rises, breakaways and granite domes	
Pindar	Level plains with eucalypt woodlands, surrounded by sandplain	X4, X5
Rainbow	Level to very gently inclined wash plains	
Waguin	Undulating sandy plains and stripped surfaces with small breakaways	
Yowie	Extensive nearly level plains with sandy surfaces	

Table 3: Vegetation structure

The classification system used to describe vegetation structure (based on Keighery 1994, as adapted from Muir 1977 and Aplin 1979). Each row indicates a different vegetation layer.

Growth Form/Height Class	Canopy Cover			
	100-70%	70-30%	30-10%	10-2%
Trees over 30m	Closed Tall Forest CTF	Open Tall Forest OTF	Tall Woodland TW	Open Tall Woodland OTW
Trees 10-30m	Closed Forest CF	Open Forest OF	Woodland W	Open Woodland OW
Trees under 10m	Closed Low Forest CLF	Open Low Forest OLF	Low Woodland LW	Open Low Woodland OLW
Mallee over 8m (Tree Mallee)	Closed Tree Mallee CTM	Tree Mallee TM	Open Tree Mallee OTM	Very Open Tree Mallee VOTM
Mallee under 8m (Shrub Mallee)	Closed Shrub Mallee CSM	Shrub Mallee SM	Open Shrub Mallee OSM	Very Open Shrub Mallee VOSM
Shrubs over 2m	Closed Scrub CSC	Open Scrub OSC	Tall Shrubland TS	Open Tall Shrubland OTS
Shrubs 1-2m	Closed Heath CH	Open Heath OH	Shrubland S	Open Shrubland OS
Shrubs under 1m	Closed Low Heath CLH	Open Low Heath OLH	Low Shrubland LS	Open Low Shrubland OLS
Grasses	Closed Grassland CG	Grassland G	Open Grassland OG	Very Open Grassland VOG
Herbs	Closed Herbland CHB	Herbland HB	Open Herbland OHB	Very Open Herbland VOHB
Sedges	Closed Sedgeland CSG	Sedgeland SG	Open Sedgeland OSG	Very Open Sedgeland VOSG
Ferns	Closed Fernland CFL	Fernland FL	Open Fernland OFL	Very Open Fernland VOFL
Climbers	Closed Climbers CC	Climbers C	Open Climbers OC	Very Open Climbers VOC

Table 4: Vegetation condition scale

Taken from Keighery (1994).

Vegetation Condition Scale	
1	Pristine Pristine or nearly so, no obvious signs of disturbance
2	Excellent Vegetation structure intact, disturbance affecting individual species and weeds are non-aggressive species.
3	Very Good Vegetation structure altered, obvious signs of disturbance. For example, disturbance to vegetation structure caused by repeated fires, the presence of some more aggressive weeds, dieback, logging and grazing.
4	Good Vegetation structure significantly altered by very obvious signs of multiple disturbance. Retains basic vegetation structure or ability to regenerate it. For example, disturbance to vegetation structure caused by very frequent fires, the presence of some very aggressive weeds at high density, partial clearing, dieback and grazing
5	Degraded Basic vegetation structure severely impacted by disturbance. Scope for regeneration but not to a state approaching good condition without intensive management. For example, disturbance to vegetation structure caused by very frequent fires, the presence of very aggressive weeds, partial clearing, dieback and grazing.
6	Completely Degraded The structure of the vegetation is no longer intact and the area is completely or almost completely without native species. These areas are often described as 'parkland cleared' with the flora comprising weed or crop species with isolated native trees or shrubs.

APPENDIX 2: Flora and vegetation of Charles Darwin Reserve

APPENDIX 2a: Native and weedy vascular plants found by the Wildflower Society on Charles Darwin Reserve, with reference to life forms, growth forms and conservation status

KEY

Column 1

Family

Families are ordered alphabetically.

Column 2

W = Weed

* indicates a weed species

Column 3

Botanical Name

Genus + Species + Infra Species Rank + Infra Species Name + Informal Name. Taxa (species, sub-species, varieties and formae) are listed alphabetically within each family.

Infraspecific Ranks

subsp. Subspecies

var. Variety

forma Forma

Informal descriptors

MS A manuscript name yet to be published

PN A phrase name for a taxon yet to be described and published.

Column 4

Common Name

Column 5

Life Form

A Annual: a plant which completes its life cycle in less than one year, i.e. germinates from seed, flowers, sets seed and dies in the same year.

P Perennial: a plant that lives three or more years (growing seasons).

P/A Perennial annually renewed from below ground part (e.g., bulbs, corms) but with above ground parts which die back each year.

Column 6

Growth Form

Woody Plants

Tree Plants with a single trunk and a canopy. The canopy is less than or equal to two thirds of the height of the trunk. No lignotuber is evident.

Mallee Plants with many trunks (usually 2-5) arising from a lignotuber. The canopy is usually well above the base of the plant. Most are from the genus *Eucalyptus*.

Shrub Plants with one or more woody stems and foliage all or part of the total height of the plant. Includes palms, grass trees and cycads.

Non-woody Plants: non-grass-like

Herb A plant without a persistent above ground woody stem (excluding grasses, sedges and rushes).

Non-woody Plants: grass-like

Grass Tufted, spreading or hummock-forming plants from the family Poaceae.

Sedge or sedge-like herb Tufted or spreading plants from the families Cyperaceae, Juncaginaceae, Centrolepidaceae or Ecdeicoleaceae.

Rush Tufted or spreading plants from the families Juncaceae or Restionaceae.

Other

Fern Plants which produce by spores rather than seeds.

It is also indicated in this field if the plant is aquatic, parasitic or twining.

Column 7	Supra code
	FER Ferns
	GYM Gymnosperms
	MON Monocotyledons
	DIC Dicotyledons

Column 8 **Cons Code = Conservation Code**
Significant plant taxa (species, sub-species and varieties) listed under the State *Wildlife Conservation Act 1950* (Government of Western Australia 2010) and by the Department of Environment and Conservation (Atkins 2010). Priority taxa conservation code listings are current as at March 2010 (Western Australian Herbarium 1998-). See Appendix 1 for further descriptions of the categories below.

R	Declared Rare Flora: Extant Taxa
X	Declared Rare Flora: Presumed Extinct Taxa
1	Priority 1: Poorly Known Taxa
2	Priority 2: Poorly Known Taxa
3	Priority 3: Poorly Known Taxa
4	Priority 4: Rare Taxa

Column 9 **NAME_ID**
Positive NAME_IDs are from the Census of Western Australian Plants (Western Australian Herbarium 2010a).

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
Aizoaceae	*	<i>Cleretum papulosum</i> subsp. <i>papulosum</i>		A	herb	DIC		20522
Aizoaceae		<i>Disphyma crassifolium</i> subsp. <i>clavellatum</i>	Round-leaved Pigface	P	shrub	DIC		11681
Aizoaceae		<i>Gunnioopsis intermedia</i>	Yellow Salt Star	A	herb	DIC		2805
Aizoaceae		<i>Gunnioopsis quadrifida</i>	Sturt's Pigface	P	shrub	DIC		2807
Aizoaceae		<i>Gunnioopsis rodwayi</i>		A	herb	DIC		2808
Aizoaceae		<i>Gunnioopsis rubra</i>		A	herb	DIC	3	2809
Aizoaceae		<i>Gunnioopsis</i> sp.		P	herb	DIC		-21292
Aizoaceae	*	<i>Mesembryanthemum nodiflorum</i>	Slender Iceplant	A	herb	DIC		2814
Aizoaceae		<i>Tetragonia diptera</i>		A or P	herb	DIC		2821
Amaranthaceae		<i>Gomphrena</i> sp. Bebele (D.W. Goodall 3215) PN		A	herb	DIC		15306
Amaranthaceae		<i>Ptilotus chamaecladus</i>		P	herb	DIC		2708
Amaranthaceae		<i>Ptilotus drummondii</i>	Narrowleaf Mulla Mulla	P	herb	DIC		2718
Amaranthaceae		<i>Ptilotus drummondii</i> var. <i>drummondii</i>	Narrowleaf Mulla Mulla	P	herb	DIC		11260
Amaranthaceae		<i>Ptilotus exaltatus</i>	Tall Mulla Mulla	A	herb	DIC		2721
Amaranthaceae		<i>Ptilotus exaltatus</i> var. <i>villosus</i>		A	herb	DIC		11531
Amaranthaceae		<i>Ptilotus gaudichaudii</i>		A	herb	DIC		2727
Amaranthaceae		<i>Ptilotus gaudichaudii</i> var. <i>gaudichaudii</i>		A	herb	DIC		11577
Amaranthaceae		<i>Ptilotus gaudichaudii</i> var. <i>parviflorus</i>		A	herb	DIC		12001
Amaranthaceae		<i>Ptilotus grandiflorus</i>		A	herb	DIC		2729
Amaranthaceae		<i>Ptilotus helipteroides</i>	Hairy Mulla Mulla	A	herb	DIC		2731
Amaranthaceae		<i>Ptilotus obovatus</i> var. <i>obovatus</i>	Cotton Bush	P	shrub	DIC		11396
Amaranthaceae		<i>Ptilotus polystachyus</i>	Prince of Wales Feather	A or P	herb	DIC		2751
Amaranthaceae		<i>Ptilotus spathulatus</i> forma <i>spathulatus</i>		P	herb	DIC		11468
Apiaceae		<i>Actinotus</i> sp. Comet Vale (A.V. Milewski AVM 1093) PN		A	herb	DIC		18163
Apiaceae		<i>Daucus glochidiatus</i>	Australian Carrot	A	herb	DIC		6218
Apiaceae		<i>Platysace commutata</i>		P	shrub	DIC		6248
Apiaceae		<i>Platysace</i> sp.		P	shrub	DIC		-20501
Apocynaceae		<i>Alyxia buxifolia</i>	Dysentery Bush	P	shrub	DIC		6565
Araliaceae		<i>Hydrocotyle pilifera</i> var. <i>glabrata</i>	Pennywort	A	herb	DIC		11546
Araliaceae		<i>Hydrocotyle rugulosa</i>		A	herb	DIC		6239
Araliaceae		<i>Trachymene cyanopetala</i>	Hairy Laceflower	A	herb	DIC		6268
Araliaceae		<i>Trachymene ornata</i>	Spongefruit Laceflower	A	herb	DIC		6279
Araliaceae		<i>Trachymene pilosa</i>	Small Laceflower	A	herb	DIC		6280
Araliaceae		<i>Trachymene</i> sp.		A	herb	DIC		-20519
Asparagaceae		<i>Arthropodium curvipes</i>		P/A	herb	MON		1265
Asparagaceae		<i>Arthropodium dyeri</i>		P/A	herb	MON		1266
Asparagaceae		<i>Chamaexeros fimbriata</i>		P	herb	MON		1215
Asparagaceae		<i>Chamaexeros macranthera</i>		P	herb	MON		1216
Asparagaceae		<i>Dichopogon capillipes</i>		P/A	herb	MON		1287
Asparagaceae		<i>Dichopogon tyleri</i>		P/A	herb	MON		1290
Asparagaceae		<i>Lomandra effusa</i>	Scented Matrush	P	herb	MON		1226
Asparagaceae		<i>Thysanotus patersonii</i>	Twining Fringed Lily	P/A	twining	MON		1343

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
					herb			
Asparagaceae		<i>Thysanotus pyramidalis</i>		P/A	herb	MON		1346
Asparagaceae		<i>Thysanotus</i> sp.		P/A	herb	MON		-20496
Asparagaceae		<i>Thysanotus</i> sp. Twining Wheatbelt (N.H. Brittan 81/29) PN		P/A	twining herb	MON		29456
Asparagaceae		<i>Thysanotus speckii</i>		P/A	herb	MON		1352
Asparagaceae		<i>Xerolirion divaricata</i>	Basil's Asparagus	P	herb	MON		1248
Asphodelaceae		<i>Bulbine semibarbata</i>	Leek Lily	A	herb	MON		1366
Asteraceae		<i>Actinobole uliginosum</i>	Flannel Cudweed	A	herb	DIC		7817
Asteraceae		<i>Angianthus</i> sp.		A	herb	DIC		-21301
Asteraceae		<i>Angianthus tomentosus</i>	Camel-grass	A	herb	DIC		7836
Asteraceae	*	<i>Arctotheca calendula</i>	Cape Weed	A	herb	DIC		7838
Asteraceae		<i>Bellida graminea</i>	Rosy Bellida	A	herb	DIC		7852
Asteraceae		<i>Blennospora drummondii</i>	Brown Blennospora	A	herb	DIC		7856
Asteraceae		<i>Brachyscome cheilocarpa</i>		A	herb	DIC		7870
Asteraceae		<i>Brachyscome ciliocarpa</i>		A	herb	DIC		7872
Asteraceae		<i>Brachyscome iberidifolia</i>	Swan River Daisy	A	herb	DIC		7878
Asteraceae		<i>Brachyscome oncocarpa</i>		A	herb	DIC		7881
Asteraceae		<i>Brachyscome perpusilla</i>	Tiny Daisy	A	herb	DIC		7882
Asteraceae		<i>Brachyscome perpusilla</i> var. <i>tenella</i>		A	herb	DIC		16823
Asteraceae		<i>Brachyscome pusilla</i>	Small Daisy	A	herb	DIC		7883
Asteraceae		<i>Calocephalus multiflorus</i>	Yellow-top	A	herb	DIC		7895
Asteraceae		<i>Calotis hispidula</i>	Bindy Eye	A	herb	DIC		7903
Asteraceae		<i>Calotis multicaulis</i>	Many-stemmed Burr-daisy	A	herb	DIC		7905
Asteraceae		<i>Calotis</i> sp. Perrinvale Station (R.J. Cranfield 7096) PN		A	herb	DIC	3	31671
Asteraceae		<i>Cephalipterum drummondii</i>	Pompom Head	A	herb	DIC		7922
Asteraceae		<i>Ceratogyne obionoides</i>	Wingwort	A	herb	DIC		7924
Asteraceae		<i>Chthonocephalus pseudevax</i>	Woolly Groundheads	A	herb	DIC		7933
Asteraceae	*	<i>Cotula bipinnata</i>	Ferny Cotula	A	herb	DIC		7944
Asteraceae		<i>Cotula cotuloides</i>	Smooth Cotula	A	herb	DIC		7946
Asteraceae		<i>Erymophyllum ramosum</i> subsp. <i>ramosum</i>		A	herb	DIC		14377
Asteraceae		<i>Erymophyllum tenellum</i>		A	herb	DIC		12740
Asteraceae		<i>Gilberta tenuifolia</i>		A	herb	DIC		12780
Asteraceae		<i>Gilruthia osbornei</i>		A	herb	DIC		7977
Asteraceae	*	<i>Gnaphalium polycaulon</i>	Indian Cudweed	A	herb	DIC		7985
Asteraceae		<i>Gnephosis acicularis</i>	Zigzag Gnephosis	A	herb	DIC		7987
Asteraceae		<i>Gnephosis angianthoides</i>	Cudweed	A	herb	DIC		12624
Asteraceae		<i>Gnephosis</i> sp.		A	herb	DIC		-21303
Asteraceae		<i>Gnephosis</i> sp. Norseman (K.R. Newbey 8096) PN		A	herb	DIC	3	17721
Asteraceae		<i>Gnephosis tenuissima</i>	Cudweed	A	herb	DIC		8002
Asteraceae		<i>Gnephosis trifida</i>	Cudweed	A	herb	DIC		8004
Asteraceae		<i>Helichrysum luteoalbum</i>	Jersey Cudweed	A	herb	DIC		29594
Asteraceae		<i>Hyalochlamys globifera</i>		A	herb	DIC		8085
Asteraceae		<i>Hyalosperma demissum</i>	Hyalosperma	A	herb	DIC		12742
Asteraceae		<i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>		A	herb	DIC		15447
Asteraceae		<i>Hyalosperma glutinosum</i> subsp. <i>venustum</i>		A	herb	DIC		15448
Asteraceae	*	<i>Hypochaeris glabra</i>	Flatweed, Smooth Catsear	A	herb	DIC		8086
Asteraceae		<i>Isoetopsis graminifolia</i>	Cushion Grass	A	herb	DIC		8087

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
Asteraceae		<i>Lawrencella davenportii</i>		A	herb	DIC		13289
Asteraceae		<i>Lawrencella rosea</i>	Rosy Sunray	A	herb	DIC		13284
Asteraceae		<i>Millotia myosotidifolia</i>	Broadleaf Millotia	A	herb	DIC		8105
Asteraceae		<i>Millotia perpusilla</i>		A	herb	DIC		12631
Asteraceae	*	<i>Monoculus monstrosus</i>	Stinking Roger	A	herb	DIC		29418
Asteraceae		<i>Myriocephalus guerinae</i>		A	herb	DIC		8116
Asteraceae		<i>Myriocephalus pygmaeus</i>		A	herb	DIC		14186
Asteraceae		<i>Myriocephalus</i> sp.		A	herb	DIC		-21290
Asteraceae		<i>Olearia dampieri</i> MS		P	shrub	DIC		17943
Asteraceae		<i>Olearia</i> aff. <i>humilis</i>		P	shrub	DIC		-21295
Asteraceae		<i>Olearia humilis</i>		P	shrub	DIC		12734
Asteraceae		<i>Olearia muelleri</i>	Goldfields Daisy	P	shrub	DIC		8140
Asteraceae		<i>Olearia pimeleoides</i>	Pimelea Daisybush	P	shrub	DIC		8145
Asteraceae		<i>Olearia</i> sp.		P	shrub	DIC		-21276
Asteraceae		<i>Podolepis canescens</i>	Bright Podolepis	A	herb	DIC		8172
Asteraceae		<i>Podolepis capillaris</i>	Wiry Podolepis	P	herb	DIC		8173
Asteraceae		<i>Podolepis lessonii</i>	Yellow Podolepis	A	herb	DIC		8177
Asteraceae		<i>Podotheca angustifolia</i>	Sticky Longheads	A	herb	DIC		8182
Asteraceae		<i>Podotheca gnaphalioides</i>	Golden Longheads	A	herb	DIC		8184
Asteraceae		<i>Podotheca</i> sp.		A	herb	DIC		-21075
Asteraceae		<i>Podotheca uniseta</i>		A	herb	DIC	3	12732
Asteraceae		<i>Pogonolepis muelleriana</i>		A	herb	DIC		8187
Asteraceae		<i>Pogonolepis muelleriana/stricta</i>		A	herb	DIC		-21309
Asteraceae		<i>Pogonolepis stricta</i>	Pogonolepis	A	herb	DIC		8188
Asteraceae		<i>Quinetia urvillei</i>	Quinetia	A	herb	DIC		8195
Asteraceae		<i>Rhodanthe chlorocephala</i> subsp. <i>rosea</i>	Rosy Rhodanthe	A	herb	DIC		13241
Asteraceae		<i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i>		A	herb	DIC		13242
Asteraceae		<i>Rhodanthe laevis</i>	Smooth Sunray	A	herb	DIC		13294
Asteraceae		<i>Rhodanthe manglesii</i>	Pink Sunray	A	herb	DIC		13234
Asteraceae		<i>Rhodanthe polycephala</i>		A	herb	DIC		13296
Asteraceae		<i>Rhodanthe pygmaea</i>		A	herb	DIC		13252
Asteraceae		<i>Rhodanthe spicata</i>	Spiked Rhodanthe	A	herb	DIC		13309
Asteraceae		<i>Rhodanthe stricta</i>		A	herb	DIC		13254
Asteraceae		<i>Schoenia cassiniana</i>	Schoenia	A	herb	DIC		8200
Asteraceae		<i>Senecio glossanthus</i>	Slender Groundsel	A	herb	DIC		8207
Asteraceae		<i>Senecio lacustrinus</i>		A	herb	DIC		25881
Asteraceae		<i>Siloxerus multiflorus</i>	Siloxerus	A	herb	DIC		14583
Asteraceae	*	<i>Ursinia anthemoides</i>	Ursinia	A	herb	DIC		8255
Asteraceae		<i>Waitzia acuminata</i> var. <i>acuminata</i>	Orange Immortelle	A	herb	DIC		13331
Boraginaceae	*	<i>Echium plantagineum</i>	Paterson's Curse	A	herb	DIC		6681
Boraginaceae		<i>Halgania integerrima</i>		P	shrub	DIC		6691
Boryaceae		<i>Borya constricta</i>	Palm Pincushions	P	herb	MON		1267
Boryaceae		<i>Borya sphaerocephala</i>	Pincushions	P	herb	MON		1273
Brassicaceae		<i>Lepidium oxytrichum</i>		A	herb	DIC		3033
Brassicaceae		<i>Lepidium</i> sp.		A	herb	DIC		-21250
Brassicaceae		<i>Phlegmatospermum drummondii</i>	Drummond's Phlegmatospermum	A	herb	DIC		3058
Brassicaceae	*	<i>Sisymbrium erysimoides</i>	Smooth Mustard	A	herb	DIC		3069
Brassicaceae		<i>Stenopetalum filifolium</i>		A	herb	DIC		3076
Brassicaceae		<i>Stenopetalum lineare</i>	Narrow Thread Petal	A	herb	DIC		3077
Campanulaceae		<i>Isotoma scapigera</i>	Long-scaped Isotome	A	herb	DIC		7399
Campanulaceae		<i>Lobelia anceps</i>	Angled Lobelia	P	herb	DIC		9289
Campanulaceae		<i>Lobelia rarifolia</i>	Lobelia	A	herb	DIC		7405
Campanulaceae		<i>Lobelia winfridae</i>	Little Lobelia	A	herb	DIC		7409
Campanulaceae		<i>Wahlenbergia gracilentia</i>	Annual Bluebell	A	herb	DIC		7386

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
Campanulaceae		<i>Wahlenbergia tumidifructa</i>		A	herb	DIC		7393
Caryophyllaceae		<i>Gypsophila tubulosa</i>		A	herb	DIC		8553
Caryophyllaceae	*	<i>Silene nocturna</i>	Mediterranean Catchfly	A	herb	DIC		2910
Caryophyllaceae	*	<i>Spergularia rubra</i>	Red Sand Spurry	A or P	herb	DIC		2915
Caryophyllaceae		<i>Spergularia</i> sp.		A	tree	DIC		-21333
Casuarinaceae		<i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i>		P	tree or shrub	DIC		13904
Casuarinaceae		<i>Allocasuarina campestris</i>	Tamma	P	shrub	DIC		1721
Celastraceae		<i>Psammomoya grandiflora</i>		P	shrub	DIC		16370
Celastraceae		<i>Psammomoya implexa</i>		P	shrub	DIC	3	19913
Celastraceae		<i>Stackhousia monogyna</i>	Stackhousia	P	herb	DIC		4733
Centrolepidaceae		<i>Centrolepis aristata</i>	Pointed Centrolepis	A	sedge-like herb	MON		1121
Centrolepidaceae		<i>Centrolepis cephaloformis</i> subsp. <i>cephaloformis</i>	Tufted Centrolepis	A	sedge-like herb	MON		13122
Centrolepidaceae		<i>Centrolepis humillima</i>	Dwarf Centrolepis	A	sedge-like herb	MON		1130
Centrolepidaceae		<i>Centrolepis polygyna</i>	Wiry Centrolepis	A	sedge-like herb	MON		1134
Chenopodiaceae		<i>Atriplex codonocarpa</i>	Flat-topped Saltbush	A or P	herb	DIC		2453
Chenopodiaceae		<i>Atriplex holocarpa</i>	Pop Saltbush	A or P	herb	DIC		2459
Chenopodiaceae		<i>Atriplex paludosa</i> subsp. <i>baudinii</i>	Marsh Saltbush	P	shrub	DIC		11525
Chenopodiaceae		<i>Atriplex paludosa</i> subsp. <i>moquiniana</i>		P	shrub	DIC		11698
Chenopodiaceae		<i>Atriplex semilunaris</i>	Annual Saltbush	P	herb	DIC		2476
Chenopodiaceae		<i>Atriplex vesicaria</i>	Bladder Saltbush	P	shrub	DIC		2481
Chenopodiaceae		<i>Didymanthus roei</i>		P	herb	DIC		2498
Chenopodiaceae		<i>Dysphania glomulifera</i> subsp. <i>eremaea</i>		A or P	herb	DIC		11632
Chenopodiaceae		<i>Dysphania melanocarpa</i>	Black Crumbweed	A	herb	DIC		33479
Chenopodiaceae		<i>Dysphania melanocarpa</i> forma <i>melanocarpa</i>	Black Goosefoot	A	herb	DIC		33597
Chenopodiaceae		<i>Enchylaena lanata</i>		P	shrub	DIC		2510
Chenopodiaceae		<i>Maireana amoena</i>		P	shrub	DIC		2533
Chenopodiaceae		<i>Maireana atkinsiana</i>	Bronze Bluebush	P	shrub	DIC		2536
Chenopodiaceae		<i>Maireana carnosae</i>	Cottony Bluebush	P	herb	DIC		2538
Chenopodiaceae		<i>Maireana georgei</i>	Satiny Bluebush	P	shrub	DIC		2544
Chenopodiaceae		<i>Maireana glomerifolia</i>	Ball Leaf Bluebush	P	shrub	DIC		2545
Chenopodiaceae		<i>Maireana marginata</i>		P	herb	DIC		2550
Chenopodiaceae		<i>Maireana planifolia</i>	Low Bluebush	P	shrub	DIC		2556
Chenopodiaceae		<i>Maireana planifolia</i> "narrow leaf form"		P	shrub	DIC		-21315
Chenopodiaceae		<i>Maireana thesioides</i>	Lax Bluebush	P	shrub	DIC		2566
Chenopodiaceae		<i>Maireana tomentosa</i> subsp. <i>tomentosa</i>		P	shrub	DIC		11662
Chenopodiaceae		<i>Maireana trichoptera</i>	Downy Bluebush	P	herb	DIC		2568
Chenopodiaceae		<i>Rhagodia drummondii</i>		P	shrub	DIC		2581
Chenopodiaceae		<i>Rhagodia eremaea</i>	Thorny Saltbush	P	shrub	DIC		2582
Chenopodiaceae		<i>Rhagodia</i> sp. Watheroo (R.J. Cranfield & P.J. Spencer 8183) PN		P	shrub	DIC		19495
Chenopodiaceae		<i>Sclerolaena alata</i>		P	herb	DIC		2595
Chenopodiaceae		<i>Sclerolaena cuneata</i>	Yellow Bindii	P	herb	DIC		2606
Chenopodiaceae		<i>Sclerolaena densiflora</i>		P	herb	DIC		2607
Chenopodiaceae		<i>Sclerolaena diacantha</i>	Grey Copperburr	P	herb	DIC		2609
Chenopodiaceae		<i>Sclerolaena drummondii</i>		P	herb	DIC		2610
Chenopodiaceae		<i>Sclerolaena eurotioides</i>	Fluffy Bindii	P	herb	DIC		2612

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
Chenopodiaceae		<i>Sclerolaena fusiformis</i>		P	herb	DIC		2615
Chenopodiaceae		<i>Sclerolaena gardneri</i>		P	herb	DIC		8877
Chenopodiaceae		<i>Tecticornia disarticulata</i>		P	shrub	DIC		31492
Chenopodiaceae		<i>Tecticornia doleiformis</i>	Samphire	P	shrub	DIC		31918
Chenopodiaceae		<i>Tecticornia halocnemoides</i>	Shrubby Samphire	P	shrub	DIC		33236
Chenopodiaceae		<i>Tecticornia indica</i> subsp. <i>bidens</i>	Samphire	P	shrub	DIC		33319
Chenopodiaceae		<i>Tecticornia loriae</i>		P	shrub	DIC		34823
Chenopodiaceae		<i>Tecticornia pruinosa</i>		P	shrub	DIC		31618
Colchicaceae		<i>Wurmbea muchisoniana</i>		P/A	herb	MON	4	1399
Colchicaceae		<i>Wurmbea tenella</i>	Eight Nancy	P/A	herb	MON		1403
Convolvulaceae	*	<i>Cuscuta planiflora</i>		A	parasitic twining herb	DIC		11021
Convolvulaceae		<i>Cuscuta</i> sp.		A	parasitic twining herb	DIC		-21299
Crassulaceae		<i>Crassula closiana</i>	Stonecrop	A	herb	DIC		17701
Crassulaceae		<i>Crassula colorata</i>	Dense Stonecrop	A	herb	DIC		3137
Crassulaceae		<i>Crassula colorata</i> var. <i>acuminata</i>	Dense Stonecrop	A	herb	DIC		11709
Crassulaceae		<i>Crassula colorata</i> var. <i>colorata</i>	Dense Stonecrop	A	herb	DIC		11563
Crassulaceae	*	<i>Crassula natans</i>		A	herb	DIC		3142
Crassulaceae		<i>Crassula</i> sp.		A	herb	DIC		-20507
Cupressaceae		<i>Callitris columellaris</i>	White Cypress Pine	P	tree	GYM		8466
Cyperaceae		<i>Chrysitrix distigmatosa</i>		P	sedge	MON		765
Cyperaceae		<i>Cyperus rigidellus</i>		P or A	sedge	MON		809
Cyperaceae		<i>Isolepis cernua</i> var. <i>setiformis</i>	Fine Clubrush	A	sedge	MON		20200
Cyperaceae		<i>Isolepis ?congrua</i>		A	sedge	MON		-21312
Cyperaceae		<i>Isolepis congrua</i>	Clubrush	P	sedge	MON		911
Cyperaceae		<i>Lepidosperma costale</i>	Lepidosperma	P	sedge	MON		930
Cyperaceae		<i>Lepidosperma</i> sp.		P	sedge	MON		-20419
Cyperaceae		<i>Lepidosperma</i> sp. Blue Hills (A. Markey & S. Dillon 3468) PN		P	sedge	MON	1	33280
Cyperaceae		<i>Schoenus nanus</i>	Tiny Bog Rush	A	sedge	MON		1002
Cyperaceae		<i>Schoenus sculptus</i>	Gimlet Bog Rush	A	sedge	MON		1013
Cyperaceae		<i>Schoenus subaphyllus</i>		P	sedge	MON		1015
Dasypogonaceae		<i>Acanthocarpus canaliculatus</i>	Prickle Lily	P	herb	MON		1205
Dilleniaceae		<i>Hibbertia arcuata</i>		P	shrub	DIC		14459
Dilleniaceae		<i>Hibbertia glomerosa</i>	Guinea-flower	P	shrub	DIC		5130
Dilleniaceae		<i>Hibbertia stenophylla</i>		P	shrub	DIC		19683
Droseraceae		<i>Drosera bulbosa</i>	Red-leaved Sundew	P/A	herb	DIC		3092
Droseraceae		<i>Drosera glanduligera</i>	Pimpernel Sundew	A	herb	DIC		3098
Droseraceae		<i>Drosera macrantha</i> subsp. <i>macrantha</i>	Rainbow	P/A	herb	DIC		14298
Ecdeiocoleaceae		<i>Ecdeiocolea monostachya</i>		P	sedge-like herb	MON		1066
Elatinaceae		<i>Elatine macrocalyx</i>		A	aquatic herb	DIC	3	19919
Ericaceae		<i>Astroloma serratifolium</i>	Kondrung	P	shrub	DIC		6336
Ericaceae		<i>Leucopogon</i> aff. <i>brevicuspis</i>		P	shrub	DIC		-21336
Ericaceae		<i>Leucopogon</i> sp. Coolgardie (M. Hislop & F. Hort MH 3197) PN		P	shrub	DIC		20763

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Euphorbiaceae		<i>Calycopeplus paucifolius</i>		P	shrub	DIC		16492
Euphorbiaceae		<i>Euphorbia drummondii</i>	Caustic Weed	A or P	herb	DIC		4626
Euphorbiaceae		<i>Monotaxis bracteata</i>		P	herb	DIC		19584
Euphorbiaceae		<i>Monotaxis</i> sp.		P	herb	DIC		-21304
Euphorbiaceae		<i>Ricinocarpos velutinus</i>		P	shrub	DIC		4704
Fabaceae		<i>Acacia acuaria</i>		P	shrub	DIC		3199
Fabaceae		<i>Acacia acuminata</i>	Jam	P	tree or shrub	DIC		3200
Fabaceae		<i>Acacia andrewsii</i>		P	shrub	DIC		3216
Fabaceae		<i>Acacia aneura</i>	Mulga	P	tree or shrub	DIC		3217
Fabaceae		<i>Acacia anthochaera</i>		P	tree or shrub	DIC		12247
Fabaceae		<i>Acacia assimilis</i> subsp. <i>assimilis</i>		P	shrub	DIC		15467
Fabaceae		<i>Acacia aulacophylla</i>		P	shrub	DIC		16112
Fabaceae		<i>Acacia</i> aff. <i>baxteri</i>		P	shrub	DIC		-21335
Fabaceae		<i>Acacia burkittii</i>	Sandhill Wattle	P	tree or shrub	DIC		3248
Fabaceae		<i>Acacia cerastes</i>		P	shrub	DIC	1	14058
Fabaceae		<i>Acacia colletioides</i>	Wait-a-while	P	shrub	DIC		3264
Fabaceae		<i>Acacia duriuscula</i>		P	shrub	DIC		3315
Fabaceae		<i>Acacia effusifolia</i>		P	shrub	DIC		32118
Fabaceae		<i>Acacia erinacea</i>		P	shrub	DIC		3324
Fabaceae		<i>Acacia exocarpoides</i>		P	shrub	DIC		3330
Fabaceae		<i>Acacia formidabilis</i>		P	shrub	DIC	3	14076
Fabaceae		<i>Acacia heteroneura</i> var. <i>jutsonii</i>		P	shrub	DIC		15285
Fabaceae		<i>Acacia inceana</i> subsp. <i>conformis</i>		P	shrub or tree	DIC		12258
Fabaceae		<i>Acacia</i> aff. <i>jennerae</i>		P	tree or shrub	DIC		-21324
Fabaceae		<i>Acacia kochii</i>		P	shrub	DIC		3403
Fabaceae		<i>Acacia ligulata</i>	Umbrella Bush	P	shrub or tree	DIC		3419
Fabaceae		<i>Acacia longispinea</i>		P	shrub or tree	DIC		3426
Fabaceae		<i>Acacia mackeyana</i>		P	shrub	DIC		3432
Fabaceae		<i>Acacia neurophylla</i> subsp. <i>erugata</i>		P	shrub or tree	DIC		15290
Fabaceae		<i>Acacia nigripilosa</i>		P	shrub	DIC		3458
Fabaceae		<i>Acacia prainii</i>	Prain's Wattle	P	shrub or tree	DIC		3495
Fabaceae		<i>Acacia ramulosa</i>	Horse Mulga	P	shrub	DIC		3510
Fabaceae		<i>Acacia resinimarginea</i>		P	shrub or tree	DIC		3513
Fabaceae		<i>Acacia resinosa</i>		P	shrub	DIC		16145
Fabaceae		<i>Acacia sibina</i>		P	shrub or tree	DIC		3545
Fabaceae		<i>Acacia</i> sp.		P	shrub	DIC		-20592
Fabaceae		<i>Acacia</i> sp. Goodlands (B.R. Maslin 7761)		P	tree or shrub	DIC	1	19154
Fabaceae		<i>Acacia</i> sp. narrow phyllode (B.R. Maslin 7831) PN		P	tree or shrub	DIC		29110
Fabaceae		<i>Acacia stereophylla</i> var. <i>stereophylla</i>		P	shrub or tree	DIC		15294
Fabaceae		<i>Acacia tetragonophylla</i>	Kurara	P	shrub or tree	DIC		3577
Fabaceae		<i>Acacia tysonii</i>		P	shrub or	DIC		3586

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
					tree			
Fabaceae		<i>Acacia umbraculiformis</i>		P	shrub or tree	DIC		31071
Fabaceae		<i>Bossiaea walkeri</i>		P	shrub	DIC		3722
Fabaceae		<i>Chorizema genistoides</i>		P	shrub	DIC		3756
Fabaceae		<i>Daviesia grahamii</i>		P	shrub	DIC		3813
Fabaceae		<i>Daviesia horrida</i>	Prickly Bitter-pea	P	shrub	DIC		3815
Fabaceae		<i>Gastrolobium laytonii</i>	Breelya	P	shrub	DIC		3907
Fabaceae		<i>Jacksonia arida</i>		P	shrub	DIC		14779
Fabaceae		<i>Leptosema aphyllum</i>		P	shrub	DIC		15428
Fabaceae		<i>Leptosema daviesioides</i>		P	shrub	DIC		4056
Fabaceae		<i>Mirbelia bursarioides</i> MS		P	shrub	DIC		19514
Fabaceae		<i>Mirbelia cordifolia</i> MS		P	shrub	DIC	1	19513
Fabaceae		<i>Mirbelia depressa</i>		P	shrub	DIC		4089
Fabaceae		<i>Mirbelia ramulosa</i>		P	shrub	DIC		4097
Fabaceae		<i>Senna artemisioides</i> subsp. <i>filifolia</i>		P	shrub	DIC		12276
Fabaceae		<i>Senna charlesiana</i>		P	shrub	DIC		18444
Fabaceae		<i>Senna flexuosa</i>		P	shrub	DIC		18447
Fabaceae		<i>Senna pleurocarpa</i>		P	shrub	DIC		16378
Fabaceae		<i>Senna</i> sp. Austin (A. Strid 20210) PN		P	shrub	DIC		14579
Fabaceae		<i>Senna stowardii</i>		P	shrub	DIC		18446
Fabaceae		<i>Swainsona perlonga</i>		P	herb	DIC		13589
Fabaceae	*	<i>Trifolium glomeratum</i>	Cluster Clover	A	herb	DIC		4297
Frankeniaceae		<i>Frankenia laxiflora</i>	Loose Flowered Frankenia	P	shrub	DIC		5206
Frankeniaceae		<i>Frankenia pauciflora</i>	Sea Heath	P	shrub	DIC		5209
Frankeniaceae		<i>Frankenia</i> sp.		P	shrub	DIC		-21291
Geraniaceae	*	<i>Erodium cicutarium</i>	Common Storksbill	A	herb	DIC		4333
Geraniaceae		<i>Erodium cygnorum</i>	Blue Heronsbill	A or P	herb	DIC		4335
Goodeniaceae		<i>Brunonia australis</i>	Native Cornflower	P	herb or shrub	DIC		7413
Goodeniaceae		<i>Brunonia</i> sp.		A	herb	DIC		-21314
Goodeniaceae		<i>Brunonia</i> sp. Goldfields (K.R. Newbey 6044) PN		A	herb	DIC		19069
Goodeniaceae		<i>Dampiera eriocephala</i>	Woolly-headed Dampiera	P	herb	DIC		7438
Goodeniaceae		<i>Dampiera incana</i> var. <i>fuscescens</i>		P	herb or shrub	DIC		11326
Goodeniaceae		<i>Goodenia berardiana</i>	Goodenia	A	herb	DIC		7495
Goodeniaceae		<i>Goodenia havilandii</i>		A	herb	DIC		7514
Goodeniaceae		<i>Goodenia occidentalis</i>		A	herb	DIC		7531
Goodeniaceae		<i>Goodenia pinnatifida</i>	Cutleaf Goodenia	A	herb	DIC		7535
Goodeniaceae		<i>Goodenia pusilliflora</i>	Smallflower Goodenia	A	herb	DIC		7541
Goodeniaceae		<i>Lechenaultia macrantha</i>	Wreath Leschenaultia	P	herb or shrub	DIC		7583
Goodeniaceae		<i>Scaevola hamiltonii</i>		P	herb	DIC		7615
Goodeniaceae		<i>Scaevola restiacea</i> subsp. <i>restiacea</i>		P	shrub	DIC		13170
Goodeniaceae		<i>Scaevola spinescens</i>	Currant Bush	P	shrub	DIC		7644
Goodeniaceae		<i>Velleia cynopotamica</i>		A	herb	DIC		7656
Goodeniaceae		<i>Velleia hispida</i>	Hispid Velleia	A	herb	DIC		7661
Goodeniaceae		<i>Velleia rosea</i>	Pink Velleia	A	herb	DIC		7664
Goodeniaceae		<i>Velleia</i> sp.		A	herb	DIC		-21302
Gyrostemonaceae		<i>Codonocarpus cotinifolius</i>	Native Poplar	P	shrub or tree	DIC		2778
Haloragaceae		<i>Glischrocaryon flavescens</i>	Tall Popflower	P	herb or shrub	DIC		6144

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
Haloragaceae		<i>Gonocarpus nodulosus</i>	Gonocarpus	A	herb	DIC		6159
Haloragaceae		<i>Haloragis trigonocarpa</i>		A	herb	DIC		6180
Hemerocallidaceae		<i>Caesia</i> sp. Wongan (K.F. Kenneally 8820) PN		P/A	herb	MON		29439
Hemerocallidaceae		<i>Dianella revoluta</i> var. <i>divaricata</i>	Blue Flax Lily	P	herb	MON		11636
Hemerocallidaceae		<i>Tricoryne</i> sp. Morawa (G.J. Keighery & N. Gibson 6759) PN		P	herb	MON	3	29479
Hypoxidaceae		<i>Hypoxis glabella</i> var. <i>leptantha</i>		P/A	herb	MON		11604
Juncaceae	*	<i>Juncus bufonius</i>	Toadrush	A	rush	MON		1178
Juncaceae		<i>Juncus</i> sp.		P	rush	MON		-20944
Juncaginaceae		<i>Triglochin isingiana</i>		A	sedge-like herb	MON		33276
Juncaginaceae		<i>Triglochin longicarpa</i>		A	sedge-like herb	MON		33221
Juncaginaceae		<i>Triglochin ?nana</i>		A	sedge-like herb	MON		-21317
Juncaginaceae		<i>Triglochin nana</i>	Triglochin	A	sedge-like herb	MON		18587
Juncaginaceae		<i>Triglochin</i> sp.	Arrowgrass	A	sedge-like herb	MON		-21200
Lamiaceae		<i>Dicrastylis soliparma</i>		P	shrub	DIC		18549
Lamiaceae		<i>Hemigenia botryphylla</i>		P	shrub	DIC		33778
Lamiaceae		<i>Hemigenia buccinata</i>		P	shrub	DIC		33780
Lamiaceae		<i>Hemigenia cilata</i>		P	shrub	DIC		33781
Lamiaceae		<i>Hemigenia</i> sp.		P	shrub	DIC		-20629
Lamiaceae		<i>Prostanthera althoferi</i> subsp. <i>althoferi</i>		P	shrub	DIC		15822
Lamiaceae		<i>Prostanthera campbellii</i>		P	shrub	DIC		6912
Lamiaceae		<i>Prostanthera eckersleyana</i>	Crinkly Mintbush	P	shrub	DIC		6915
Lamiaceae		<i>Prostanthera magnifica</i>	Magnificent Prostanthera	P	shrub	DIC		6919
Lamiaceae		<i>Prostanthera patens</i>		P	shrub	DIC		6920
Lamiaceae		<i>Westringia cephalantha</i>		P	shrub	DIC		6938
Lamiaceae		<i>Wrixonia prostantheroides</i>		P	shrub	DIC		6942
Loganiaceae		<i>Logania flaviflora</i>	Yellow Logania	P	herb	DIC		6508
Loganiaceae		<i>Phyllangium sulcatum</i>	Phyllangium	A	herb	DIC		16824
Lycopodiaceae		<i>Phylloglossum drummondii</i>	Pygmy Clubmoss	P	fern	FER		4
Malvaceae		<i>Keraudrenia integrifolia</i>	Common Firebush	P	shrub	DIC		5023
Malvaceae		<i>Keraudrenia velutina</i> subsp. <i>velutina</i>		P	shrub	DIC		19892
Malvaceae		<i>Lawrencia diffusa</i>		P	herb	DIC		4954
Malvaceae		<i>Lawrencia squamata</i>	Lawrencia	P	shrub	DIC		4959
Malvaceae	*	<i>Malva parviflora</i>	Marshmallow	A	herb	DIC		4961
Malvaceae		<i>Rulingia luteiflora</i>	Yellow-flowered Rulingia	P	shrub	DIC		5063
Malvaceae		<i>Sida calyxhymentia</i>	Tall Sida	P	shrub	DIC		4970
Malvaceae		<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260) PN		P	shrub	DIC		19712
Marsileaceae		<i>Marsilea costulifera</i>		P	aquatic fern	FER		18631
Marsileaceae		<i>Marsilea drummondii</i>	Common Nardoo	P	aquatic fern	FER		74
Myrtaceae		<i>Aluta aspera</i>		P	shrub	DIC		19463
Myrtaceae		<i>Aluta aspera</i> subsp. <i>hesperia</i>		P	shrub	DIC		19465

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Myrtaceae		<i>Baeckea benthamii</i> MS		P	shrub	DIC		15489
Myrtaceae		<i>Baeckea elderiana</i>		P	shrub	DIC		5344
Myrtaceae		<i>Baeckea</i> sp.		P	shrub	DIC		-20486
Myrtaceae		<i>Calothammus gilesii</i>		P	shrub	DIC		5408
Myrtaceae		<i>Calytrix glutinosa</i>	Sticky Starflower	P	shrub	DIC		5461
Myrtaceae		<i>Calytrix leschenaultii</i>	Leschenault's Starflower	P	shrub	DIC		5465
Myrtaceae		<i>Calytrix</i> sp. Paynes Find (F. & J. Hort 1188) PN		P	shrub	DIC		28241
Myrtaceae		<i>Chamelaucium pauciflorum</i> subsp. Perenjori (B.J. Conn 2181) PN		P	shrub	DIC		35640
Myrtaceae		<i>Darwinia capitellata</i>		P	shrub	DIC		5506
Myrtaceae		<i>Enekbatus longistylus</i> MS		P	shrub	DIC	3	19972
Myrtaceae		<i>Enekbatus stowardii</i> MS		P	shrub	DIC		19844
Myrtaceae		<i>Eucalyptus erythronema</i> var. <i>marginata</i>	Red-flowered Mallee	P	mallee or tree	DIC		11637
Myrtaceae		<i>Eucalyptus ewartiana</i>	Ewart's Mallee	P	mallee	DIC		5641
Myrtaceae		<i>Eucalyptus horistes</i>		P	mallee or tree	DIC		5673
Myrtaceae		<i>Eucalyptus kochii</i> subsp. <i>amaryssia</i>		P	mallee or tree	DIC		19523
Myrtaceae		<i>Eucalyptus leptopoda</i>	Tammin Mallee	P	mallee or tree	DIC		5696
Myrtaceae		<i>Eucalyptus leptopoda</i> subsp. <i>arctata</i>		P	mallee or tree	DIC		13057
Myrtaceae		<i>Eucalyptus loxophleba</i>	York Gum	P	mallee or tree	DIC		5702
Myrtaceae		<i>Eucalyptus loxophleba</i> subsp. <i>supralaervis</i>		P	tree	DIC		13038
Myrtaceae		<i>Eucalyptus petraea</i>	Granite Rock Box	P	mallee or tree	DIC		5742
Myrtaceae		<i>Eucalyptus salmonophloia</i>	Salmon Gum	P	tree	DIC		5766
Myrtaceae		<i>Eucalyptus</i> sp.		P	mallee or tree	DIC		-20821
Myrtaceae		<i>Eucalyptus stowardii</i>	Fluted Horn Mallee	P	mallee or tree	DIC		5778
Myrtaceae		<i>Eucalyptus subangusta</i>		P	mallee or tree	DIC		12884
Myrtaceae		<i>Eucalyptus subangusta</i> subsp. <i>pusilla</i>		P	tree or mallee	DIC		12882
Myrtaceae		<i>Euryomyrtus recurva</i>		P	shrub	DIC	3	17914
Myrtaceae		<i>Homalocalyx aureus</i>		P	shrub	DIC		5806
Myrtaceae		<i>Homalocalyx thryptomenoides</i>		P	shrub	DIC		5815
Myrtaceae		<i>Kunzea pulchella</i>	Granite Kunzea	P	shrub	DIC		5840
Myrtaceae		<i>Malleostemon roseus</i>		P	shrub	DIC		5865
Myrtaceae		<i>Malleostemon tuberculatus</i>		P	shrub	DIC		5866
Myrtaceae		<i>Melaleuca acuminata</i> subsp. <i>websteri</i>		P	shrub	DIC		15064
Myrtaceae		<i>Melaleuca atroviridis</i>		P	shrub	DIC		20284
Myrtaceae		<i>Melaleuca cordata</i>		P	shrub	DIC		5896
Myrtaceae		<i>Melaleuca eleuterostachya</i>		P	shrub or tree	DIC		5908
Myrtaceae		<i>Melaleuca fabri</i>		P	shrub	DIC		18528
Myrtaceae		<i>Melaleuca fulgens</i>	Scarlet Honeymyrtle	P	shrub	DIC		5912
Myrtaceae		<i>Melaleuca hamata</i>		P	tree or shrub	DIC		19486

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Myrtaceae		<i>Melaleuca leiocarpa</i>		P	shrub	DIC		5929
Myrtaceae		<i>Melaleuca nematophylla</i>	Wiry Honey-myrtle	P	shrub	DIC		9183
Myrtaceae		<i>Melaleuca radula</i>	Graceful Honeymyrtle	P	shrub	DIC		5958
Myrtaceae		<i>Melaleuca scalena</i>		P	shrub	DIC		20290
Myrtaceae		<i>Melaleuca stereophloia</i>		P	shrub or tree	DIC		19449
Myrtaceae		<i>Melaleuca uncinata</i>	Broom Bush	P	shrub	DIC		5984
Myrtaceae		<i>Micromyrtus clavata</i>		P	shrub	DIC		17357
Myrtaceae		<i>Micromyrtus racemosa</i>		P	shrub	DIC		6000
Myrtaceae		<i>Thryptomene costata</i>		P	shrub	DIC		19696
Myrtaceae		<i>Verticordia chrysantha</i>	Yellow Featherflower	P	shrub	DIC		6073
Myrtaceae		<i>Verticordia interioris</i>		P	shrub	DIC		12436
Ophioglossaceae		<i>Ophioglossum lusitanicum</i>	Adders Tongue	P	herb	FER		17
Orchidaceae		<i>Caladenia roei</i>	Ant Orchid	P/A	herb	MON		1614
Orchidaceae		<i>Caladenia</i> sp.		P/A	herb	MON		-20414
Orchidaceae		<i>Cyanicula amplexans</i>		P/A	herb	MON		15400
Orchidaceae		<i>Ericksonella saccharata</i>		P/A	herb	MON		20718
Orchidaceae		<i>Prasophyllum gracile</i>	Slender Leek Orchid	P/A	herb	MON		16688
Orchidaceae		<i>Prasophyllum</i> sp.		P/A	herb	MON		-20389
Orchidaceae		<i>Pterostylis</i> sp.		P/A	herb	MON		-20398
Orchidaceae		<i>Pterostylis</i> sp. "hairy"		P/A	herb	MON		-21337
Orchidaceae		<i>Thelymitra antennifera</i>	Lemon-scented Sun Orchid	P/A	herb	MON		1701
Orchidaceae		<i>Thelymitra petrophila</i> MS		P/A	herb	MON		20732
Orchidaceae		<i>Thelymitra</i> sp.		P/A	herb	MON		-20401
Orchidaceae		<i>Thelymitra villosa</i>	Custard Orchid	P/A	herb	MON		1718
Orobanchaceae	*	<i>Parentucellia latifolia</i>	Red Bartsia	A	herb	DIC		7089
Phrymaceae		<i>Glossostigma diandrum</i>	Mudmat	A	aquatic herb	DIC		7060
Phyllanthaceae		<i>Poranthera microphylla</i>	Small Poranthera	A	herb	DIC		4691
Pittosporaceae		<i>Cheiranthra filifolia</i>		P	twining shrub	DIC		3168
Pittosporaceae		<i>Cheiranthra simplicifolia</i>		P	twining shrub	DIC		31768
Pittosporaceae		<i>Pittosporum angustifolium</i>		P	shrub or tree	DIC		19744
Plantaginaceae		<i>Plantago cunninghamii</i>		A or P	herb	DIC		34760
Plantaginaceae		<i>Plantago ?debilis</i>		A or P	herb	DIC		-21321
Plantaginaceae		<i>Plantago debilis</i>	Native Plantago	A or P	herb	DIC		7299
Poaceae		<i>Amphipogon caricinus</i> var. <i>caricinus</i>	Long Greybeard Grass	P	grass	MON		12025
Poaceae		<i>Aristida contorta</i>	Kerosene Grass	P or A	grass	MON		207
Poaceae		<i>Aristida holathera</i> var. <i>holathera</i>		A or P	grass	MON		12063
Poaceae		<i>Austrodanthonia caespitosa</i>	Common Wallaby Grass	P	grass	MON		17950
Poaceae		<i>Austrodanthonia setacea</i>	Small-flower Wallaby Grass	P	grass	MON		17945
Poaceae		<i>Austrostipa blackii</i>	Spear Grass	P	grass	MON	3	17232
Poaceae		<i>Austrostipa elegantissima</i>	Feather Spear Grass	P	grass	MON		17237
Poaceae		<i>Austrostipa exilis</i>	Spear Grass	P	grass	MON		17239
Poaceae		<i>Austrostipa nitida</i>	Spear Grass	P	grass	MON		17246
Poaceae		<i>Austrostipa scabra</i>	Spear Grass	P	grass	MON		17251
Poaceae		<i>Austrostipa</i> sp.		P	grass	MON		-20400
Poaceae		<i>Austrostipa trichophylla</i>	Rough Spear Grass	P	grass	MON		17255
Poaceae		<i>Austrostipa variabilis</i>	Variable Spear Grass	P	grass	MON		17257
Poaceae	*	<i>Avellinia michelii</i>	Avellinia	A	grass	MON		231
Poaceae	*	<i>Ehrharta longiflora</i>	Annual Veldt Grass	A	grass	MON		349
Poaceae		<i>Eragrostis dielsii</i>	Mallee Lovegrass	A or P	grass	MON		378

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Poaceae		<i>Eriachne ovata</i>		P	grass	MON		415
Poaceae		<i>Eriachne pulchella</i>	Pretty Wanderrie	A	grass	MON		417
Poaceae		<i>Lachnagrostis filiformis</i>	Blown Grass	A	grass	MON		20019
Poaceae		<i>Lachnagrostis plebeia</i>	Blown Grass	A	grass	MON		19955
Poaceae		<i>Monachather paradoxus</i>		P	grass	MON		490
Poaceae	*	<i>Pentaschistis airoides</i> subsp. <i>airoides</i>	False Hairgrass	A	grass	MON		24022
Poaceae	*	<i>Rostraria pumila</i>	Rough Cat's Tail	A	grass	MON		11151
Poaceae		<i>Triodia rigidissima</i>		P	grass	MON		17874
Poaceae		<i>Tripogon loliiiformis</i>	Five Minute Grass	P	grass	MON		705
Poaceae	*	<i>Vulpia bromoides</i>	Squirrel's Tail Fescue	A	grass	MON		722
Poaceae	*	<i>Vulpia myuros</i> forma <i>myuros</i>	Rat's Tail Fescue	A	grass	MON		33101
Polygalaceae		<i>Comesperma ?integerrimum</i>		P	twining shrub	DIC		-21322
Polygalaceae		<i>Comesperma integerrimum</i>	Vine Comesperma	P	twining shrub	DIC		4555
Polygonaceae	*	<i>Emex australis</i>	Double Gee	A	herb	DIC		2409
Polygonaceae		<i>Muehlenbeckia adpressa</i>	Climbing Lignum	P	twining shrub	DIC		2412
Portulacaceae		<i>Calandrinia calyptata</i>	Pink Purslane	A	herb	DIC		2846
Portulacaceae		<i>Calandrinia</i> aff. <i>eremaea</i>		A	herb	DIC		-21329
Portulacaceae		<i>Calandrinia ?eremaea</i>		A	herb	DIC		-21316
Portulacaceae		<i>Calandrinia eremaea</i>	Twining Purslane	A	herb	DIC		2853
Portulacaceae		<i>Calandrinia eremaea</i> sens lat		A	herb	DIC		-21327
Portulacaceae		<i>Calandrinia granulifera</i>	Pygmy Purslane	A	herb	DIC		2854
Portulacaceae		<i>Calandrinia porifera</i>		A	herb	DIC		2862
Portulacaceae		<i>Calandrinia primuliflora</i>		A	herb	DIC		2863
Portulacaceae		<i>Calandrinia ptychosperma</i>		A	herb	DIC		2864
Portulacaceae		<i>Calandrinia</i> aff. <i>remota</i>		A	herb	DIC		-21332
Portulacaceae		<i>Calandrinia remota</i>		A	herb	DIC		2867
Portulacaceae		<i>Calandrinia</i> sp.		A	herb	DIC		-20806
Portulacaceae		<i>Calandrinia</i> sp. Blackberry (D.M. Porter 171) PN		A	herb	DIC		20478
Portulacaceae		<i>Calandrinia</i> sp. Bungalbin (G.J. Keighery & N. Gibson 1656) PN		A	herb	DIC		19455
Portulacaceae		<i>Calandrinia</i> ?sp. ridged papillate (M. Hislop & E. Hudson MH161)		A	herb	DIC		-21311
Portulacaceae		<i>Calandrinia</i> sp. ridged papillate (M. Hislop & E. Hudson MH161) PN		A	herb	DIC		20479
Portulacaceae		<i>Calandrinia</i> sp. Truncate capsules (A. Markey & S. Dillon 3474) PN		A	herb	DIC		31132
Portulacaceae		<i>Calandrinia ?translucens</i>		P/A	herb	DIC		-21318
Portulacaceae		<i>Calandrinia translucens</i>		P/A	herb	DIC		30396
Primulaceae	*	<i>Anagallis arvensis</i>	Pimpernel	A	herb	DIC		6480
Proteaceae		<i>Grevillea didymobotrya</i> subsp. <i>didymobotrya</i>		P	shrub	DIC		13453
Proteaceae		<i>Grevillea eriostachya/excelsior</i>		P	shrub	DIC		-21330
Proteaceae		<i>Grevillea excelsior</i>	Flame Grevillea	P	shrub	DIC		8832
Proteaceae		<i>Grevillea extorris</i>		P	shrub	DIC		2004
Proteaceae		<i>Grevillea hakeoides</i> subsp. <i>stenophylla</i>		P	shrub	DIC		13430
Proteaceae		<i>Grevillea juncifolia</i> subsp.	Honey-suckle	P	tree or	DIC		15844

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		<i>temulenta</i>	Grevillea		shrub			
Proteaceae		<i>Grevillea levis</i>		P	shrub	DIC		16797
Proteaceae		<i>Grevillea obliquistigma</i> subsp. <i>funicularis</i>		P	shrub	DIC		15984
Proteaceae		<i>Grevillea paradoxa</i>	Bottlebrush Grevillea	P	shrub	DIC		2057
Proteaceae		<i>Grevillea pityophylla</i>		P	shrub	DIC		2068
Proteaceae		<i>Grevillea pterosperma</i>		P	shrub	DIC		2077
Proteaceae		<i>Grevillea sarissa</i> subsp. <i>anfractifolia</i>		P	shrub	DIC		13461
Proteaceae		<i>Grevillea yorkkrakinensis</i>		P	shrub	DIC		2124
Proteaceae		<i>Hakea francisiana</i>	Emu Tree	P	shrub or tree	DIC		2163
Proteaceae		<i>Hakea invaginata</i>		P	shrub	DIC		2167
Proteaceae		<i>Hakea preissii</i>	Needle Tree	P	shrub or tree	DIC		2196
Proteaceae		<i>Hakea recurva</i>	Djarnokmurd	P	shrub or tree	DIC		2199
Proteaceae		<i>Hakea recurva</i> subsp. <i>arida</i>		P	shrub	DIC		17556
Proteaceae		<i>Persoonia pentasticha</i>		P	shrub	DIC	3	14569
Proteaceae		<i>Petrophile incurvata</i>		P	shrub	DIC		10775
Pteridaceae		<i>Cheilanthes adiantoides</i>		P	fern	FER		12796
Pteridaceae		<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	Rock Fern	P	fern	FER		12818
Pteridaceae		<i>Cheilanthes</i> sp.		P	fern	FER		-21313
Restionaceae		<i>Lepidobolus preissianus</i>	Lepidobolus	P	rush	MON		1075
Rhamnaceae		<i>Cryptandra apetala</i>		P	shrub	DIC		4791
Rhamnaceae		<i>Cryptandra imbricata</i>		P	shrub	DIC		14314
Rhamnaceae		<i>Cryptandra micrantha</i>		P	shrub	DIC		15437
Rhamnaceae		<i>Cryptandra nutans</i>	Cryptandra	P	shrub	DIC		4804
Rhamnaceae		<i>Stenanthemum poicilum</i>		P	shrub	DIC	2	14233
Rubiaceae		<i>Opercularia spermacoceae</i>	Opercularia	P	herb or shrub	DIC		18256
Rubiaceae		<i>Opercularia vaginata</i>	Dog Weed	P	herb or shrub	DIC		18255
Rubiaceae		<i>Synaptantha tillaeacea</i>		A or P	herb	DIC		7363
Rutaceae		<i>Phebalium canaliculatum</i>		P	shrub	DIC		4497
Rutaceae		<i>Phebalium tuberculosum</i>		P	shrub	DIC		4504
Rutaceae		<i>Philothea brucei</i>		P	shrub	DIC		18539
Rutaceae		<i>Philothea brucei</i> subsp. <i>brucei</i>		P	shrub	DIC		18537
Rutaceae		<i>Philothea deserti</i> subsp. <i>deserti</i>		P	shrub	DIC		18385
Rutaceae		<i>Philothea glabra</i>		P	shrub	DIC		18513
Rutaceae		<i>Philothea nutans</i>		P	shrub	DIC	1	18511
Rutaceae		<i>Philothea sericea</i>		P	shrub	DIC		18508
Rutaceae		<i>Philothea thryptomenoides</i>		P	shrub	DIC		18507
Rutaceae		<i>Philothea tomentella</i>		P	shrub	DIC		18506
Santalaceae		<i>Exocarpos aphyllus</i>	Leafless Ballart	P	parasitic shrub	DIC		10977
Santalaceae		<i>Santalum acuminatum</i>	Quandong	P	parasitic shrub or tree	DIC		2356
Santalaceae		<i>Santalum spicatum</i>	Sandalwood	P	parasitic shrub	DIC		2359
Sapindaceae		<i>Dodonaea adenophora</i>		P	shrub	DIC		4752
Sapindaceae		<i>Dodonaea inaequifolia</i>		P	shrub or tree	DIC		4766
Scrophulariaceae		<i>Eremophila caperata</i>		P	shrub	DIC		13807

Family	W	Botanical Name	Common Name	Life Form	Growth Form	Supra Code	Cons Code	NAME ID
Scrophulariaceae		<i>Eremophila clarkei</i>	Turpentine Bush	P	shrub	DIC		7189
Scrophulariaceae		<i>Eremophila decipiens</i> subsp. <i>decipiens</i>		P	shrub	DIC		14895
Scrophulariaceae		<i>Eremophila deserti</i>		P	shrub	DIC		7198
Scrophulariaceae		<i>Eremophila forrestii</i> subsp. <i>forrestii</i>		P	shrub	DIC		15052
Scrophulariaceae		<i>Eremophila glabra</i> subsp. <i>elegans</i>		P	shrub	DIC		17174
Scrophulariaceae		<i>Eremophila glutinosa</i>		P	shrub	DIC		7216
Scrophulariaceae		<i>Eremophila latrobei</i> subsp. <i>filiformis</i>		P	shrub	DIC		17597
Scrophulariaceae		<i>Eremophila latrobei</i> subsp. <i>latrobei</i>		P	shrub	DIC		17576
Scrophulariaceae		<i>Eremophila miniata</i>	Kopi Poverty Bush	P	shrub or tree	DIC		7242
Scrophulariaceae		<i>Eremophila oldfieldii</i> subsp. <i>oldfieldii</i>		P	tree	DIC		17168
Scrophulariaceae		<i>Eremophila oppositifolia</i>	Weeooka	P	shrub or tree	DIC		7247
Scrophulariaceae		<i>Eremophila oppositifolia</i> subsp. <i>angustifolia</i>		P	shrub or tree	DIC		18570
Scrophulariaceae		<i>Eremophila serrulata</i>	Serrate-leaved Eremophila	P	shrub	DIC		7269
Scrophulariaceae		<i>Eremophila</i> sp.		P	shrub	DIC		-21300
Solanaceae		<i>Anthotroche pannosa</i>	Felted Anthotroche	P	shrub	DIC		6952
Solanaceae		<i>Nicotiana rotundifolia</i>	Round-leaved Tobacco	A or P	herb	DIC		6978
Solanaceae		<i>Solanum lasiophyllum</i>	Flannel Bush	P	shrub	DIC		7018
Solanaceae		<i>Solanum nummularium</i>	Money-leaved Solanum	P	shrub	DIC		7023
Solanaceae		<i>Solanum orbiculatum</i> subsp. <i>orbiculatum</i>	Round-leaved Solanum	P	shrub	DIC		11241
Stylidiaceae		<i>Levenhookia leptantha</i>	Trumpet Stylewort	A	herb	DIC		7671
Stylidiaceae		<i>Levenhookia</i> sp.		A	herb	DIC		-20556
Stylidiaceae		<i>Levenhookia stipitata</i>	Common Stylewort	A	herb	DIC		7677
Stylidiaceae		<i>Stylidium arenicola</i>		P	herb	DIC		7685
Stylidiaceae		<i>Stylidium confluens</i>		P	herb	DIC		7704
Stylidiaceae		<i>Stylidium</i> sp.		P	herb	DIC		-20525
Stylidiaceae		<i>Stylidium warriedarensense</i>		P	herb	DIC		18417
Thymelaeaceae		<i>Pimelea aeruginosa</i>		P	shrub	DIC		5229
Thymelaeaceae		<i>Pimelea avonensis</i>		P	shrub	DIC		5233
Thymelaeaceae		<i>Pimelea microcephala</i> subsp. <i>microcephala</i>	Shrubby Riceflower	P	shrub	DIC		11185
Thymelaeaceae		<i>Pimelea spiculigera</i> var. <i>thesioides</i>		P	shrub	DIC		12104
Urticaceae		<i>Parietaria cardiostegia</i>	Native Pellitory	A	herb	DIC		12670
Urticaceae		<i>Parietaria debilis</i>	Native Pellitory	A	herb	DIC		1762
Zygophyllaceae		<i>Zygophyllum fruticulosum</i>	Shrubby Twinleaf	P	twining shrub	DIC		4390
Zygophyllaceae		<i>Zygophyllum ovatum</i>	Dwarf Twinleaf	A	herb	DIC		4394
Zygophyllaceae		<i>Zygophyllum retivalve</i>		A	herb	DIC		4395
Zygophyllaceae		<i>Zygophyllum</i> sp.		A	herb	DIC		-21293

APPENDIX 2b: Native and weedy vascular plants found by the Wildflower Society on Charles Darwin Reserve, with reference to quadrat location

KEY

Column 1

W = Weed

* indicates a weed species

Column 2

Botanical Name

Genus + Species + Infra Species Rank + Infra Species Name + Informal Name. Taxa (species, sub-species, varieties and formae) are listed alphabetically.

Infraspecific Ranks

subsp. Subspecies

var. Variety

forma Forma

Informal descriptors

MS A manuscript name yet to be published

PN A phrase name for a taxon yet to be described and published.

Column 3

Family

Column 4

C = Conservation Code

Significant plant taxa (species, sub-species and varieties) listed under the State *Wildlife Conservation Act 1950* (Government of Western Australia 2010) and by the Department of Environment and Conservation (Atkins 2010). Priority taxa conservation code listings are current as at March 2010 (Western Australian Herbarium 1998-). See Appendix 1 for further descriptions of the categories below.

R Declared Rare Flora: Extant Taxa

X Declared Rare Flora: Presumed Extinct Taxa

1 Priority 1: Poorly Known Taxa

2 Priority 2: Poorly Known Taxa

3 Priority 3: Poorly Known Taxa

4 Priority 4: Rare Taxa

Columns 5-43

Quadrat or site

See locations and further descriptions of quadrats and sites in Appendix 2e

q Recorded in the quadrat or site

a Recorded adjacent to the quadrat or site (in the same plant community)

o Recorded in a nearby but different plant community

+ Opportunistic collections not associated with quadrats or sites

v A voucher has been lodged of this taxon from this quadrat or site. The voucher may be from in, or adjacent or opportunistic to, the quadrat.

W	Botanical Name	Family	C	WSWA A1	WSWA A2	WSWA A3	WSWA A4	WSWA A5	WSWA A6	WSWA B1	WSWA B2	WSWA B3	WSWA B4	WSWA B6	WSWA C1	WSWA C2	WSWA C3	WSWA C4	WSWA C5	WSWA D1	WSWA D2	WSWA D3	WSWA D4	WSWA W1	WSWA W2	WSWA W3	WSWA W4	WSWA X1	WSWA X2	WSWA X3	WSWA X4	WSWA X5	WSWA X5RV	WSWA Y1	WSWA Y2	WSWA Y3	WSWA Y4	Dam	HS Dam	HSTD	NORD	Opp												
	<i>Calandrinia calytrata</i>	Portulacaceae									q						q																																					
	<i>Calandrinia</i> aff. <i>eremaea</i>	Portulacaceae																					q																															
	<i>Calandrinia</i> ? <i>eremaea</i>	Portulacaceae										q																																										
	<i>Calandrinia eremaea</i>	Portulacaceae		q	q			q			q	q		q	q			q		q		q	q							qv					q		q		q	q	q	q	+											
	<i>Calandrinia eremaea</i> sens lat	Portulacaceae							q																																													
	<i>Calandrinia granulifera</i>	Portulacaceae		qv			q																																															
	<i>Calandrinia porifera</i>	Portulacaceae																		qv	q																					qv	q											
	<i>Calandrinia primuliflora</i>	Portulacaceae												qv																																								
	<i>Calandrinia ptychosperma</i>	Portulacaceae						q																																														
	<i>Calandrinia</i> aff. <i>remota</i>	Portulacaceae			q																																																	
	<i>Calandrinia remota</i>	Portulacaceae																					q																															
	<i>Calandrinia</i> sp.	Portulacaceae			q		q		q	q	q					q		q										q																										
	<i>Calandrinia</i> sp. Blackberry (D.M. Porter 171) PN	Portulacaceae																			q	q		q																														
	<i>Calandrinia</i> sp. Bungalbin (G.J. Keighery & N. Gibson 1656) PN	Portulacaceae							q												qv											q																						
	<i>Calandrinia</i> ?sp. ridged papillate (M. Hislop & E. Hudson MH161)	Portulacaceae					q																																															
	<i>Calandrinia</i> sp. ridged papillate (M. Hislop & E. Hudson MH161) PN	Portulacaceae		q																																																		
	<i>Calandrinia</i> sp. Truncate capsules (A. Markey & S. Dillon 3474) PN	Portulacaceae												q																																								
	<i>Calandrinia</i> ? <i>translucens</i>	Portulacaceae												q																																								
	<i>Calandrinia translucens</i>	Portulacaceae																			q						q																											

Charles Darwin Reserve (White Wells Station), Western Australia - Flora Survey and Field Herbarium Project

W	Botanical Name	Family	C	WSWA A1	WSWA A2	WSWA A3	WSWA A4	WSWA A5	WSWA A6	WSWA B1	WSWA B2	WSWA B3	WSWA B4	WSWA B6	WSWA C1	WSWA C2	WSWA C3	WSWA C4	WSWA C5	WSWA D1	WSWA D2	WSWA D3	WSWA D4	WSWA W1	WSWA W2	WSWA W3	WSWA W4	WSWA X1	WSWA X2	WSWA X3	WSWA X4	WSWA X5	WSWA X5RV	WSWA Y1	WSWA Y2	WSWA Y3	WSWA Y4	Dam	HS Dam	HSTD	NORD	Opp											
				<i>Callitris columellaris</i>	Cupressaceae									q			q						q											a											q								
<i>Calocephalus multiflorus</i>	Asteraceae												qv														q		q					q	a																		
<i>Calothamnus gilesii</i>	Myrtaceae																																																				
<i>Calotis hispidula</i>	Asteraceae							qv	q					q		q		q																																			
<i>Calotis multicaulis</i>	Asteraceae							a						q																																							
<i>Calotis</i> sp. Perrinvale Station (R.J. Cranfield 7096) PN	Asteraceae	3									qv																																										
<i>Calycopeplus paucifolius</i>	Euphorbiaceae									q			q								qv																																
<i>Calytrix glutinosa</i>	Myrtaceae											a			av		q	q																																			
<i>Calytrix leschenaultii</i>	Myrtaceae											q	av				q	q																																			
<i>Calytrix</i> sp. Paynes Find (F. & J. Hort 1188) PN	Myrtaceae																									q																											
<i>Centrolepis aristata</i>	Centrolepidaceae																				q		qv																														
<i>Centrolepis cephaliformis</i> subsp. <i>cephaloformis</i>	Centrolepidaceae		q					q																																													
<i>Centrolepis humillima</i>	Centrolepidaceae																																																				
<i>Centrolepis polygyna</i>	Centrolepidaceae																																																				
<i>Cephalopterum drummondii</i>	Asteraceae																																																				
<i>Ceratogyne obionoides</i>	Asteraceae																																																				
<i>Chamaexeros fimbriata</i>	Asparagaceae																																																				
<i>Chamaexeros macranthera</i>	Asparagaceae										q	q	q																																								
<i>Chamelaucium pauciflorum</i> subsp. <i>Perenjori</i> (B.J. Conn 2181) PN	Myrtaceae																																																				
<i>Cheilanthes adiantoides</i>	Pteridaceae													q							qv		q					q																									
<i>Cheilanthes sieberi</i> subsp. <i>sieberi</i>	Pteridaceae											q	q				q	q					q		q																												
<i>Cheilanthes</i> sp.	Pteridaceae								q						q					q																																	
<i>Cheiranthra filifolia</i>	Pittosporaceae																								av																												
<i>Cheiranthra simplicifolia</i>	Pittosporaceae								q																	q	q	qv																									
<i>Chorizema genistoides</i>	Fabaceae																																																				
<i>Chrysitrix distigmata</i>	Cyperaceae																								q																												
<i>Chthonocephalus pseudevax</i>	Asteraceae		q	q			q	qv													q	q	a	q																													

W	Botanical Name	Family	C	WSWA A1	WSWA A2	WSWA A3	WSWA A4	WSWA A5	WSWA A6	WSWA B1	WSWA B2	WSWA B3	WSWA B4	WSWA B6	WSWA C1	WSWA C2	WSWA C3	WSWA C4	WSWA C5	WSWA D1	WSWA D2	WSWA D3	WSWA D4	WSWA W1	WSWA W2	WSWA W3	WSWA W4	WSWA X1	WSWA X2	WSWA X3	WSWA X4	WSWA X5	WSWA X5RV	WSWA Y1	WSWA Y2	WSWA Y3	WSWA Y4	Dam	HS Dam	HSTD	NORD	Opp											
	<i>Myriocephalus</i> sp.	Asteraceae			q																																																
	<i>Nicotiana rotundifolia</i>	Solanaceae		q	q		q	qv	q					q		q			q	q	q	q	q							q	q		q								q		q		+								
	<i>Olearia</i> aff. <i>humilis</i>	Asteraceae								q	q			a												q				q																							
	<i>Olearia dampieri</i> MS	Asteraceae							q																	q				q																							
	<i>Olearia humilis</i>	Asteraceae																																															+				
	<i>Olearia muelleri</i>	Asteraceae								q						q															a				q	q												+					
	<i>Olearia pimeleoides</i>	Asteraceae																								q					qv																						
	<i>Olearia</i> sp.	Asteraceae																			a																																
	<i>Opercularia spermacoea</i>	Rubiaceae																								qv																											
	<i>Opercularia vaginata</i>	Rubiaceae																				q																												+			
	<i>Ophioglossum lusitanicum</i>	Ophioglossaceae			qv		q							q																																				+			
*	<i>Parentucellia latifolia</i>	Orobanchaceae																			a	q	q																											+			
	<i>Parietaria cardiostegia</i>	Urticaceae						qv										q																																			
	<i>Parietaria debilis</i>	Urticaceae														q					q		qv																														
*	<i>Pentaschistis airoides</i> subsp. <i>airoides</i>	Poaceae			q			q	q		q		q								q											q																			+		
	<i>Persoonia pentasticha</i>	Proteaceae	3								a	q														qv																											
	<i>Petrophile incurvata</i>	Proteaceae												a																																							
	<i>Phebalium canaliculatum</i>	Rutaceae																									q	q				a																					
	<i>Phebalium tuberosum</i>	Rutaceae																									ov																							+			
	<i>Philothea brucei</i>	Rutaceae									q		q				q																																				
	<i>Philothea brucei</i> subsp. <i>brucei</i>	Rutaceae												a	qv																																						
	<i>Philothea deserti</i> subsp. <i>deserti</i>	Rutaceae																									a			q	av			q																	+		
	<i>Philothea glabra</i>	Rutaceae																												q	qv																				+		
	<i>Philothea nutans</i>	Rutaceae	1																																																+		
	<i>Philothea sericea</i>	Rutaceae										q	av																																								
	<i>Philothea thryptomenoides</i>	Rutaceae																																																		+	
	<i>Philothea tomentella</i>	Rutaceae																									q	o	qv	q																					+		
	<i>Phlegmatospermum drummondii</i>	Brassicaceae																																																	+		
	<i>Phyllangium sulcatum</i>	Loganiaceae																				qv	q																														
	<i>Phylloglossum drummondii</i>	Lycopodiaceae																	q	q																																	
	<i>Pimelea aeruginosa</i>	Thymelaeaceae																																																			
	<i>Pimelea avonensis</i>	Thymelaeaceae																																																			+

W	Botanical Name	Family	C	WSWA A1	WSWA A2	WSWA A3	WSWA A4	WSWA A5	WSWA A6	WSWA B1	WSWA B2	WSWA B3	WSWA B4	WSWA B6	WSWA C1	WSWA C2	WSWA C3	WSWA C4	WSWA C5	WSWA D1	WSWA D2	WSWA D3	WSWA D4	WSWA W1	WSWA W2	WSWA W3	WSWA W4	WSWA X1	WSWA X2	WSWA X3	WSWA X4	WSWA X5	WSWA X5RV	WSWA Y1	WSWA Y2	WSWA Y3	WSWA Y4	Dam	HS Dam	HSTD	NORD	Opp								
	<i>Sida calyxhymenia</i>	Malvaceae																		av																														
	<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260) PN	Malvaceae								q	q	q	q				q	q																																
*	<i>Silene nocturna</i>	Caryophyllaceae						qv																																										
	<i>Siloxerus multiflorus</i>	Asteraceae																		q		qv																												
*	<i>Sisymbrium erysimoides</i>	Brassicaceae																																									qv							
	<i>Solanum lasiophyllum</i>	Solanaceae							a	q					q				q	q	q	a	q																				q	+v						
	<i>Solanum nummularium</i>	Solanaceae						q	a																																									
	<i>Solanum orbiculatum</i> subsp. <i>orbiculatum</i>	Solanaceae		av			q																																											
*	<i>Spergularia rubra</i>	Caryophyllaceae									qv																																							
	<i>Spergularia</i> sp.	Caryophyllaceae																																																
	<i>Stackhousia monogyna</i>	Celastraceae																		q	qv																													
	<i>Stenanthemum poecilum</i>	Rhamnaceae	2																																															
	<i>Stenopetalum filifolium</i>	Brassicaceae			q		q	q						q										a	q		q		q																					
	<i>Stenopetalum lineare</i>	Brassicaceae						q																																										
	<i>Stylidium arenicola</i>	Stylidiaceae																					qv																											
	<i>Stylidium confluens</i>	Stylidiaceae																																																
	<i>Stylidium</i> sp.	Stylidiaceae																							q																									
	<i>Stylidium warriedarensense</i>	Stylidiaceae		qv																																														
	<i>Swainsona perlonga</i>	Fabaceae					av																																											
	<i>Synaptantha tillaeacea</i>	Rubiaceae																		q	qv																													
	<i>Tecticornia disarticulata</i>	Chenopodiaceae					qv																																											
	<i>Tecticornia doleiformis</i>	Chenopodiaceae			qv																																													
	<i>Tecticornia halocnemoides</i>	Chenopodiaceae			qv																																													
	<i>Tecticornia indica</i> subsp. <i>bidens</i>	Chenopodiaceae				qv	q																																											
	<i>Tecticornia lorae</i>	Chenopodiaceae			qv																																													
	<i>Tecticornia pruinosa</i>	Chenopodiaceae				qv																																												
	<i>Tetragonia diptera</i>	Aizoaceae		q			qv	qv																																										
	<i>Thelymitra antennifera</i>	Orchidaceae																			qv	q																												
	<i>Thelymitra petrophila</i> MS	Orchidaceae														qv																																		
	<i>Thelymitra</i> sp.	Orchidaceae															q			q																														
	<i>Thelymitra villosa</i>	Orchidaceae																																																

W	Botanical Name	Family	C	WSWA A1	WSWA A2	WSWA A3	WSWA A4	WSWA A5	WSWA A6	WSWA B1	WSWA B2	WSWA B3	WSWA B4	WSWA B6	WSWA C1	WSWA C2	WSWA C3	WSWA C4	WSWA C5	WSWA D1	WSWA D2	WSWA D3	WSWA D4	WSWA W1	WSWA W2	WSWA W3	WSWA W4	WSWA X1	WSWA X2	WSWA X3	WSWA X4	WSWA X5	WSWA X5RV	WSWA Y1	WSWA Y2	WSWA Y3	WSWA Y4	Dam	HS Dam	HSTD	NORD	Opp											
					<i>Verticordia interioris</i>	Myrtaceae																						qv																									
*	<i>Vulpia bromoides</i>	Poaceae																		qv																																	
*	<i>Vulpia myuros</i> forma <i>myuros</i>	Poaceae														q																																					
	<i>Wahlenbergia gracilentia</i>	Campanulac eae																		q																																	
	<i>Wahlenbergia tumidifruca</i>	Campanulac eae					q	qv																																													
	<i>Waitzia acuminata</i> var. <i>acuminata</i>	Asteraceae		q					a					q	q			q	q		a		q	q	q	q	q	q	q	q	q		q		a	q					q	+v											
	<i>Westringia cephalantha</i>	Lamiaceae																										q																									
	<i>Wrixonia prostantheroides</i>	Lamiaceae																																																			
	<i>Wurmbea murchisoniana</i>	Colchicaceae	4						q	q	q	qv					q										qv		q																								
	<i>Wurmbea tenella</i>	Colchicaceae																			ov																																
	<i>Xerolirion divaricata</i>	Asparagacea e															av	q																																			
	<i>Zygophyllum fruticosum</i>	Zygophyllac eae			qv																																																
	<i>Zygophyllum ovatum</i>	Zygophyllac eae																																																			
	<i>Zygophyllum retivalve</i>	Zygophyllac eae							av																																												
	<i>Zygophyllum</i> sp.	Zygophyllac eae						q																																													

APPENDIX 2c: Recent changes to botanical names of taxa found on Charles Darwin Reserve

Taken from the most recent Census of Western Australian Plants (Western Australian Herbarium 2010a). The family names listed are current names (see Appendix 2d for recent changes to family names). The date column lists the date that the Western Australian Herbarium recorded the name change.

Old Botanical Name	New Botanical Name	Family	Date
<i>Acacia acuminata</i> subsp. <i>acuminata</i> MS	<i>Acacia acuminata</i>	Fabaceae	20-May-03
<i>Acacia acuminata</i> subsp. <i>burkittii</i> MS	<i>Acacia burkittii</i>	Fabaceae	21-May-98
<i>Acacia acuminata</i> (narrow phyllode variant) MS	<i>Acacia</i> sp. narrow phyllode (B.R. Maslin 7831) PN	Fabaceae	14-Feb-06
<i>Acacia coolgardiensis</i> subsp. <i>effusa</i>	<i>Acacia effusifolia</i>	Fabaceae	10-Mar-08
<i>Acacia genistoides</i>	<i>Acacia tetragonophylla</i>	Fabaceae	21-Oct-91
<i>Acacia jutsonii</i>	<i>Acacia heteroneura</i> var. <i>jutsonii</i>	Fabaceae	24-Jan-95
<i>Acacia prolifera</i>	<i>Acacia prainii</i>	Fabaceae	21-Oct-91
<i>Acacia</i> sp. Murchison (B.R. Maslin 7331) PN	<i>Acacia umbraculiformis</i>	Fabaceae	11-Jun-07
<i>Agrostis avenacea</i>	<i>Lachnagrostis filiformis</i>	Poaceae	10-Jul-02
<i>Agrostis avenacea</i> var. <i>avenacea</i>	<i>Lachnagrostis filiformis</i>	Poaceae	10-Jul-02
<i>Agrostis plebeia</i>	<i>Lachnagrostis plebeia</i>	Poaceae	26-Mar-02
<i>Angianthus globifer</i>	<i>Hyalochlamys globifera</i>	Asteraceae	21-Oct-91
<i>Angianthus plumiger</i>	<i>Pogonolepis stricta</i>	Asteraceae	06-Jan-99
<i>Angianthus pusillus</i>	<i>Gnephosis tenuissima</i>	Asteraceae	28-Mar-95
<i>Angianthus strictus</i>	<i>Pogonolepis stricta</i>	Asteraceae	21-Oct-91
<i>Anthotroche blackii</i>	<i>Anthotroche pannosa</i>	Solanaceae	21-Oct-91
<i>Anthotroche healiana</i>	<i>Anthotroche pannosa</i>	Solanaceae	21-Oct-91
<i>Arthropodium capillipes</i>	<i>Dichopogon capillipes</i>	Asparagaceae	04-Dec-90
<i>Astroloma serratifolium</i> var. <i>horridulum</i>	<i>Astroloma serratifolium</i>	Ericaceae	09-May-96
<i>Astroloma serratifolium</i> var. <i>placidum</i>	<i>Astroloma serratifolium</i>	Ericaceae	09-May-96
<i>Atriplex vesicaria</i> subsp. <i>appendiculata</i>	<i>Atriplex vesicaria</i>	Chenopodiaceae	11-Jul-08
<i>Atriplex vesicaria</i> subsp. <i>incompta</i>	<i>Atriplex vesicaria</i>	Chenopodiaceae	11-Jul-08
<i>Atriplex vesicaria</i> subsp. <i>variabilis</i>	<i>Atriplex vesicaria</i>	Chenopodiaceae	11-Jul-08
<i>Baeckea stowardii</i>	<i>Enekbatus stowardii</i> MS	Myrtaceae	29-Oct-01
<i>Brachysema aphyllum</i>	<i>Leptosema aphyllum</i>	Fabaceae	06-Feb-95
<i>Brachysema daviesioides</i>	<i>Leptosema daviesioides</i>	Fabaceae	04-Dec-90
<i>Caesia alfordii</i> MS	<i>Caesia</i> sp. Wongan (K.F. Kenneally 8820) PN	Hemerocallidaceae	09-May-06
<i>Caladenia amplexans</i>	<i>Cyanicula amplexans</i>	Orchidaceae	01-Feb-95
<i>Calandrinia pygmaea</i>	<i>Calandrinia granulifera</i>	Portulacaceae	21-Oct-91
<i>Calandrinia volubilis</i>	<i>Calandrinia eremaea</i>	Portulacaceae	04-Dec-90
<i>Callitris glauca</i>	<i>Callitris columellaris</i>	Cupressaceae	21-Oct-91
<i>Callitris glaucophylla</i>	<i>Callitris columellaris</i>	Cupressaceae	17-Aug-06
<i>Callitris intratropica</i>	<i>Callitris columellaris</i>	Cupressaceae	17-Aug-06
<i>Calocephalus angianthoides</i>	<i>Gnephosis angianthoides</i>	Asteraceae	01-Oct-91
<i>Calocephalus drummondii</i>	<i>Blennospora drummondii</i>	Asteraceae	04-Dec-90
<i>Calocephalus globosus</i>	<i>Rhodanthe spicata</i>	Asteraceae	21-Oct-92
<i>Calocephalus priceanus</i>	<i>Gnephosis angianthoides</i>	Asteraceae	25-Jul-91
<i>Calocephalus skeatsianus</i>	<i>Gilruthia osbornei</i>	Asteraceae	06-Aug-97
<i>Calycopeplus ephedroides</i>	<i>Calycopeplus paucifolius</i>	Euphorbiaceae	31-Oct-95
<i>Calycopeplus helmsii</i>	<i>Calycopeplus paucifolius</i>	Euphorbiaceae	31-Oct-95
<i>Calytrix brachyphylla</i>	<i>Calytrix leschenaultii</i>	Myrtaceae	21-Oct-91
<i>Cassia stowardii</i>	<i>Senna stowardii</i>	Fabaceae	11-Jul-91
<i>Casuarina campestris</i>	<i>Allocasuarina campestris</i>	Casuarinaceae	28-Sep-05
<i>Chamaesyce drummondii</i>	<i>Euphorbia drummondii</i>	Euphorbiaceae	23-Jun-98
<i>Chamelaucium pauciflorum</i> subsp. <i>thryptomenioides</i> MS	<i>Chamelaucium pauciflorum</i> subsp. <i>Perenjori</i> (B.J. Conn 2181) PN	Myrtaceae	20-Jan-10
<i>Cheiranthra filifolia</i> var. <i>filifolia</i>	<i>Cheiranthra filifolia</i>	Pittosporaceae	23-Jan-08

Old Botanical Name	New Botanical Name	Family	Date
<i>Cheiranthra filifolia</i> var. <i>simplicifolia</i>	<i>Cheiranthra simplicifolia</i>	Pittosporaceae	23-Jan-08
<i>Chenopodium melanocarpum</i>	<i>Dysphania melanocarpa</i>	Chenopodiaceae	17-Oct-08
<i>Chenopodium melanocarpum</i> forma <i>melanocarpum</i>	<i>Dysphania melanocarpa</i> forma <i>melanocarpa</i>	Chenopodiaceae	06-Nov-08
<i>Chrysocoryne pusilla</i>	<i>Gnephosis tenuissima</i>	Asteraceae	30-Oct-91
<i>Chrysocoryne trifida</i>	<i>Gnephosis trifida</i>	Asteraceae	04-Dec-90
<i>Chrysopogon</i> sp. Zuytdorp (G.J. Keighery & N. Gibson 906) PN	<i>Austrostipa exilis</i>	Poaceae	17-Oct-08
<i>Crassula colorata</i> var. <i>tuberculata</i>	<i>Crassula colorata</i> var. <i>acuminata</i>	Crassulaceae	29-Feb-96
<i>Crassula intricata</i>	<i>Crassula colorata</i>	Crassulaceae	21-Oct-91
<i>Crassula pedicellosa</i>	<i>Crassula closiana</i>	Crassulaceae	30-Jun-08
<i>Cryptandra</i> sp. Canna (J.S. Beard 7204) PN	<i>Stenanthemum poicilum</i>	Rhamnaceae	14-Apr-94
<i>Cryptandra tomentosa</i>	<i>Cryptandra nutans</i>	Rhamnaceae	04-Dec-90
<i>Cyperus gracilis</i> var. <i>rigidellus</i>	<i>Cyperus rigidellus</i>	Cyperaceae	10-Apr-95
<i>Dicrastylis fulva</i> forma <i>angustifolia</i>	<i>Dicrastylis soliparma</i>	Lamiaceae	27-Nov-08
<i>Dodonaea boroniifolia</i>	<i>Dodonaea adenophora</i>	Sapindaceae	04-Dec-90
<i>Eremophila latrobei</i> var. <i>latrobei</i>	<i>Eremophila latrobei</i> subsp. <i>latrobei</i>	Scrophulariaceae	22-Apr-97
<i>Eremophila turtonii</i>	<i>Eremophila forrestii</i> subsp. <i>forrestii</i>	Scrophulariaceae	25-Jun-97
<i>Eriostemon brucei</i>	<i>Philothea brucei</i>	Rutaceae	29-Oct-98
<i>Eriostemon brucei</i> subsp. <i>brucei</i>	<i>Philothea brucei</i> subsp. <i>brucei</i>	Rutaceae	29-Oct-98
<i>Eriostemon glaber</i>	<i>Philothea glabra</i>	Rutaceae	21-Oct-98
<i>Eriostemon nutans</i>	<i>Philothea nutans</i>	Rutaceae	21-Oct-98
<i>Eriostemon sericeus</i>	<i>Philothea sericea</i>	Rutaceae	21-Oct-98
<i>Eriostemon thryptomenoides</i>	<i>Philothea thryptomenoides</i>	Rutaceae	21-Oct-98
<i>Eriostemon tomentellus</i>	<i>Philothea tomentella</i>	Rutaceae	21-Oct-98
<i>Erodium angustilobum</i>	<i>Erodium cygnorum</i>	Geraniaceae	25-Feb-04
<i>Eucalyptus hypochlamydea</i>	<i>Eucalyptus horistes</i>	Myrtaceae	14-Apr-03
<i>Eucalyptus hypochlamydea</i> subsp. <i>ecdysiastes</i> MS	<i>Eucalyptus horistes</i>	Myrtaceae	14-Apr-03
<i>Eucalyptus hypochlamydea</i> subsp. <i>hypochlamydea</i> MS	<i>Eucalyptus horistes</i>	Myrtaceae	14-Apr-03
<i>Eucalyptus kochii</i> subsp. <i>horistes</i> MS	<i>Eucalyptus horistes</i>	Myrtaceae	14-Apr-03
<i>Eucalyptus redunca</i> var. <i>subangusta</i>	<i>Eucalyptus subangusta</i>	Myrtaceae	20-Jan-92
<i>Fusanus diversifolius</i>	<i>Santalum spicatum</i>	Santalaceae	08-Mar-06
<i>Glycorchis saccharata</i>	<i>Ericksonella saccharata</i>	Orchidaceae	27-May-04
<i>Gnaphalium indicum</i>	* <i>Gnaphalium polycaulon</i>	Asteraceae	22-Oct-91
<i>Gnephosis pygmaea</i>	<i>Myriocephalus pygmaeus</i>	Asteraceae	22-Feb-94
<i>Goodenia calognoides</i>	<i>Goodenia pusilliflora</i>	Goodeniaceae	22-Oct-91
<i>Grevillea blackallii</i>	<i>Grevillea pityophylla</i>	Proteaceae	22-Oct-91
<i>Grevillea eriostachya</i> subsp. <i>excelsior</i>	<i>Grevillea excelsior</i>	Proteaceae	19-Mar-96
<i>Grevillea stenophylla</i>	<i>Grevillea hakeoides</i> subsp. <i>stenophylla</i>	Proteaceae	29-Sep-93
<i>Gypsophila australis</i>	<i>Gypsophila tubulosa</i>	Caryophyllaceae	09-Jun-98
<i>Hakea arida</i>	<i>Hakea recurva</i> subsp. <i>arida</i>	Proteaceae	26-Jul-99
<i>Hakea coriacea</i>	<i>Hakea francisiana</i>	Proteaceae	23-May-96
<i>Halgania viscosa</i>	<i>Halgania integerrima</i>	Boraginaceae	15-Nov-01
<i>Halosarcia doleiformis</i>	<i>Tecticornia doleiformis</i>	Chenopodiaceae	20-Feb-08
<i>Halosarcia halocnemoides</i>	<i>Tecticornia halocnemoides</i>	Chenopodiaceae	11-Aug-08
<i>Halosarcia halocnemoides</i> subsp. Lake Grace (N. Casson G231. 10) PN	<i>Tecticornia halocnemoides</i>	Chenopodiaceae	23-Sep-08
<i>Halosarcia indica</i> subsp. <i>bidens</i>	<i>Tecticornia indica</i> subsp. <i>bidens</i>	Chenopodiaceae	04-Sep-08
<i>Halosarcia pruinosa</i>	<i>Tecticornia pruinosa</i>	Chenopodiaceae	12-Dec-07
<i>Helichrysum davenportii</i>	<i>Lawrencella davenportii</i>	Asteraceae	14-Oct-92
<i>Helichrysum lindleyi</i>	<i>Lawrencella rosea</i>	Asteraceae	14-Oct-92
<i>Helichrysum roseum</i>	<i>Lawrencella rosea</i>	Asteraceae	26-Sep-95
<i>Helipterum cryptanthum</i>	<i>Rhodanthe manglesii</i>	Asteraceae	26-Sep-95

Old Botanical Name	New Botanical Name	Family	Date
<i>Helipterum demissum</i>	<i>Hyalosperma demissum</i>	Asteraceae	02-Aug-91
<i>Helipterum gracile</i>	<i>Erymophyllum tenellum</i>	Asteraceae	02-Aug-91
<i>Helipterum intermedium</i>	<i>Erymophyllum tenellum</i>	Asteraceae	07-Aug-91
<i>Helipterum laeve</i>	<i>Rhodanthe laevis</i>	Asteraceae	14-Oct-92
<i>Helipterum manglesii</i>	<i>Rhodanthe manglesii</i>	Asteraceae	14-Oct-92
<i>Helipterum polycephalum</i>	<i>Rhodanthe polycephala</i>	Asteraceae	14-Oct-92
<i>Helipterum pygmaeum</i>	<i>Rhodanthe pygmaea</i>	Asteraceae	14-Oct-92
<i>Helipterum roseum</i>	<i>Rhodanthe chlorocephala</i> subsp. <i>rosea</i>	Asteraceae	14-Oct-92
<i>Helipterum spicatum</i>	<i>Rhodanthe spicata</i>	Asteraceae	14-Oct-92
<i>Helipterum splendidum</i>	<i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i>	Asteraceae	14-Oct-92
<i>Helipterum strictum</i>	<i>Rhodanthe stricta</i>	Asteraceae	14-Oct-92
<i>Helipterum tenellum</i>	<i>Erymophyllum tenellum</i>	Asteraceae	02-Aug-91
<i>Helipterum venustum</i>	<i>Hyalosperma glutinosum</i> subsp. <i>venustum</i>	Asteraceae	26-Sep-95
<i>Helipterum verecundum</i>	<i>Gilberta tenuifolia</i>	Asteraceae	31-Oct-91
<i>Hemigenia</i> sp. Jibberding (J. D'Alonzo 418) PN	<i>Hemigenia botryphylla</i>	Lamiaceae	16-Jan-09
<i>Hemigenia</i> sp. Pindar (H. Demarz 7428) PN	<i>Hemigenia botryphylla</i>	Lamiaceae	15-Jan-09
<i>Hibbertia polyclada</i>	<i>Hibbertia glomerosa</i>	Dilleniaceae	23-Mar-95
<i>Isolepis setiformis</i>	<i>Isolepis cernua</i> var. <i>setiformis</i>	Cyperaceae	11-Dec-02
<i>Jacksonia</i> sp. (A.S. George 5907) PN	<i>Jacksonia arida</i>	Fabaceae	07-Aug-08
<i>Juncus plebeius</i>	* <i>Juncus bufonius</i>	Juncaceae	04-Dec-90
<i>Laphangium luteoalbum</i>	<i>Helichrysum luteoalbum</i>	Asteraceae	17-Jul-06
<i>Lawrenzia incana</i>	<i>Lawrenzia squamata</i>	Malvaceae	22-Oct-91
<i>Lobelia alata</i>	<i>Lobelia anceps</i>	Campanulaceae	20-Feb-08
* <i>Lophochloa pumila</i>	* <i>Rostraria pumila</i>	Poaceae	13-Oct-94
<i>Marsilea</i> sp. A Perth Flora (G.N. Lowe s.n. 16 Jan. 1948) PN	<i>Marsilea costulifera</i>	Marsileaceae	17-Feb-99
<i>Melaleuca smithiorum</i> MS	<i>Melaleuca fabri</i>	Myrtaceae	29-Jan-99
<i>Melaleuca</i> sp. Wongan Hills (R. Davis 1959) PN	<i>Melaleuca atroviridis</i>	Myrtaceae	19-Mar-03
<i>Melaleuca websteri</i>	<i>Melaleuca acuminata</i> subsp. <i>websteri</i>	Myrtaceae	09-Jan-95
<i>Micromyrtus rosea</i>	<i>Malleostemon roseus</i>	Myrtaceae	22-Oct-91
<i>Monotaxis gracilis</i>	<i>Monotaxis bracteata</i>	Euphorbiaceae	09-Dec-02
<i>Monotaxis lurida</i>	<i>Monotaxis bracteata</i>	Euphorbiaceae	09-Dec-02
<i>Monotaxis megacarpa</i>	<i>Monotaxis bracteata</i>	Euphorbiaceae	09-Dec-02
<i>Myoporum deserti</i>	<i>Eremophila deserti</i>	Scrophulariaceae	04-Dec-90
<i>Myriocephalus gracilis</i>	<i>Gilberta tenuifolia</i>	Asteraceae	31-Oct-91
<i>Notodanthonia caespitosa</i>	<i>Austrodanthonia caespitosa</i>	Poaceae	27-Jan-98
<i>Notodanthonia setacea</i>	<i>Austrodanthonia setacea</i>	Poaceae	27-Jan-98
<i>Notodanthonia setacea</i> var. <i>brevisetata</i>	<i>Austrodanthonia setacea</i>	Poaceae	27-Jan-98
<i>Notodanthonia setacea</i> var. <i>setacea</i>	<i>Austrodanthonia setacea</i>	Poaceae	27-Jan-98
<i>Olearia pimeleoides</i> subsp. <i>pimeleoides</i>	<i>Olearia pimeleoides</i>	Asteraceae	11-Mar-04
<i>Olearia propinqua</i>	<i>Olearia pimeleoides</i>	Asteraceae	22-Oct-91
<i>Persoonia</i> sp. Mingenew (S.D. Hopper 6561) PN	<i>Persoonia pentasticha</i>	Proteaceae	22-Jun-94
<i>Pimelea thesioides</i>	<i>Pimelea spiculigera</i> var. <i>thesioides</i>	Thymelaeaceae	04-May-94
<i>Pittosporum phylliraeoides</i> var. <i>microcarpa</i>	<i>Pittosporum angustifolium</i>	Pittosporaceae	15-Aug-01
<i>Plantago</i> sp. Hamersley (M.E. Trudgen 11207) PN	<i>Plantago cunninghamii</i>	Plantaginaceae	04-Aug-09
<i>Plectrachne rigidissima</i>	<i>Triodia rigidissima</i>	Poaceae	03-Nov-97
<i>Podotheca pygmaea</i>	<i>Podotheca gnaphalioides</i>	Asteraceae	05-Aug-91
<i>Pogonolepis lanigera</i>	<i>Pogonolepis stricta</i>	Asteraceae	01-Apr-92
<i>Prasophyllum antenuatum</i>	<i>Prasophyllum gracile</i>	Orchidaceae	02-Feb-96
<i>Prasophyllum ringens</i>	<i>Prasophyllum gracile</i>	Orchidaceae	02-Feb-96

Old Botanical Name	New Botanical Name	Family	Date
<i>Prostanthera aspalathoides</i>	<i>Prostanthera patens</i>	Lamiaceae	04-Dec-90
<i>Psammomoya petraea</i>	<i>Psammomoya implexa</i>	Celastraceae	15-Feb-02
* <i>Pseudognaphalium luteoalbum</i>	<i>Helichrysum luteoalbum</i>	Asteraceae	17-Jul-06
<i>Ptilotus helipteroides</i> var. <i>helipteroides</i>	<i>Ptilotus helipteroides</i>	Amaranthaceae	10-Mar-09
<i>Ptilotus pullenii</i>	<i>Ptilotus polystachyus</i>	Amaranthaceae	22-Oct-91
<i>Rutidosia multiflora</i>	<i>Siloxerus multiflorus</i>	Asteraceae	14-Oct-94
<i>Scirpus congruus</i>	<i>Isolepis congrua</i>	Cyperaceae	23-Oct-91
<i>Sclerostegia disarticulata</i>	<i>Tecticornia disarticulata</i>	Chenopodiaceae	22-Nov-07
<i>Selenothamnus squamatus</i>	<i>Lawrenzia squamata</i>	Malvaceae	23-Oct-91
<i>Senna cardiosperma</i> subsp. <i>flexuosa</i>	<i>Senna flexuosa</i>	Fabaceae	11-Sep-98
<i>Senna cardiosperma</i> subsp. <i>stowardii</i>	<i>Senna stowardii</i>	Fabaceae	11-Sep-98
<i>Senna glutinosa</i> subsp. <i>charlesiana</i>	<i>Senna charlesiana</i>	Fabaceae	11-Sep-98
<i>Sida atrovirens</i> MS	<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260) PN	Malvaceae	31-Jan-08
<i>Stackhousia georgei</i>	<i>Stackhousia monogyna</i>	Celastraceae	23-Oct-91
<i>Stackhousia huegelii</i>	<i>Stackhousia monogyna</i>	Celastraceae	23-Oct-91
<i>Stackhousia pubescens</i>	<i>Stackhousia monogyna</i>	Celastraceae	23-Oct-91
<i>Stipa blackii</i>	<i>Austrostipa blackii</i>	Poaceae	01-Oct-96
<i>Stipa elegantissima</i>	<i>Austrostipa elegantissima</i>	Poaceae	01-Oct-96
<i>Stipa exilis</i>	<i>Austrostipa exilis</i>	Poaceae	01-Oct-96
<i>Stipa nitida</i>	<i>Austrostipa nitida</i>	Poaceae	01-Oct-96
<i>Stipa scabra</i>	<i>Austrostipa scabra</i>	Poaceae	01-Oct-96
<i>Stipa trichophylla</i>	<i>Austrostipa trichophylla</i>	Poaceae	01-Oct-96
<i>Stipa variabilis</i>	<i>Austrostipa variabilis</i>	Poaceae	01-Oct-96
<i>Stylidium</i> sp. Warriedar (G.J. Keighery 12448) PN	<i>Stylidium warriedarens</i>	Stylidiaceae	22-Feb-00
<i>Tecticornia</i> sp. Lake Moore (M.N. Lyons 2603) PN	<i>Tecticornia lorae</i>	Chenopodiaceae	07-Aug-09
<i>Thryptomene aspera</i>	<i>Aluta aspera</i>	Myrtaceae	11-Sep-00
<i>Thryptomene aspera</i> subsp. Paynes Find (C.A. Gardner 11996) PN	<i>Aluta aspera</i> subsp. <i>hesperia</i>	Myrtaceae	11-Sep-00
<i>Thryptomene tuberculata</i>	<i>Malleostemon tuberculatus</i>	Myrtaceae	23-Oct-91
<i>Thysanotus brittanii</i> MS	<i>Thysanotus</i> sp. Twining Wheatbelt (N.H. Brittan 81/29) PN	Asparagaceae	12-May-06
<i>Thysanotus newbeyi</i>	<i>Thysanotus speckii</i>	Asparagaceae	23-May-94
<i>Toxanthes perpusillus</i>	<i>Millotia perpusilla</i>	Asteraceae	26-Jul-91
<i>Trachymene moorei</i>	<i>Trachymene cyanopetala</i>	Araliaceae	19-Jan-00
<i>Tricoryne tuberosa</i> MS	<i>Tricoryne</i> sp. Morawa (G.J. Keighery & N. Gibson 6759) PN	Hemerocallidaceae	16-May-06
<i>Triglochin centrocarpum</i> var. <i>breviscarpum</i>	<i>Triglochin nana</i>	Juncaginaceae	15-Sep-99
<i>Triglochin</i> sp. B Flora of Australia (P.G. Wilson 4294) PN	<i>Triglochin isingiana</i>	Juncaginaceae	21-Aug-08
<i>Triglochin</i> sp. C Flora of Australia (P.G. Wilson 8811) PN	<i>Triglochin longicarpa</i>	Juncaginaceae	07-Aug-08
* <i>Tripteris clandestina</i>	* <i>Monoculus monstrosus</i>	Asteraceae	05-May-06
<i>Trisetum pumilum</i>	* <i>Rostraria pumila</i>	Poaceae	13-Oct-94
* <i>Vulpia myuros</i> var. <i>myuros</i>	* <i>Vulpia myuros</i> forma <i>myuros</i>	Poaceae	11-Jul-08
<i>Wehlia aurea</i>	<i>Homalocalyx aureus</i>	Myrtaceae	23-Oct-91
<i>Wehlia thryptomenoides</i>	<i>Homalocalyx thryptomenoides</i>	Myrtaceae	04-Dec-90
<i>Zygophyllum</i> sp. Karratha (J.S. Beard 3508) PN	<i>Zygophyllum retivalve</i>	Zygophyllaceae	17-Oct-96

APPENDIX 2d: Recent changes to plant family names

Major herbaria in the world, including the Western Australian Herbarium, have recently adopted a new sequence of arranging their collections of plants. This has been done to better reflect the relationships of plant groups. The change has involved some changes to plant family allocations. Some of these involve the simple merging of one or more families, whilst others have necessitated more complex changes. The tables below list the families that have been changed.

Table 1: Simple (entire family) changes; cases where an entire family has moved, been renamed or excluded (no longer recognized as occurring in WA)

Taken from Western Australian Herbarium (2010b). Not all the families listed occur on Charles Darwin Reserve.

Old Family	New Family
Adiantaceae	Pteridaceae
Agavaceae	Asparagaceae
Asclepiadaceae	Apocynaceae
Avicenniaceae	Acanthaceae
Azollaceae	Salviniaceae
Bombacaceae	Malvaceae
Buddlejaceae	Scrophulariaceae
Caesalpiniaceae	Fabaceae
Cochlospermaceae	Bixaceae
Cuscutaceae	Convolvulaceae
Davalliaceae	Lomariopsidaceae
Dipsacaceae	Caprifoliaceae
Epacridaceae	Ericaceae
Fumariaceae	Papaveraceae
Hippocrateaceae	Celastraceae
Hyacinthaceae	Asparagaceae
Hydrophyllaceae	Boraginaceae
Lemnaceae	Araceae
Lobeliaceae	Campanulaceae

Old Family	New Family
Mimosaceae	Fabaceae
Myoporaceae	Scrophulariaceae
Myrsinaceae	Primulaceae
Najadaceae	Hydrocharitaceae
Papilionaceae	Fabaceae
Parkeriaceae	Pteridaceae
Phormiaceae	Hemerocallidaceae
Platyzomataceae	Pteridaceae
Sonneratiaceae	Lythraceae
Stackhousiaceae	Celastraceae
Sterculiaceae	Malvaceae
Taxodiaceae	Cupressaceae
Tiliaceae	Malvaceae
Tremandraceae	Elaeocarpaceae
Turneraceae	Passifloraceae
Ulmaceae	Cannabaceae
Valerianaceae	Caprifoliaceae
Viscaceae	Santalaceae
Zannichelliaceae	Potamogetonaceae

Table 2: Family changes involving splits to old families; cases where some genera have been moved to a new family and others retained, or where different genera have moved to different families.

Taken from Western Australian Herbarium (2010b). Not all the families listed occur on Charles Darwin Reserve.

Old Family	Genus	New Family
Alliaceae	<i>Agapanthus</i>	Agapanthaceae
Anthericaceae	<i>Arthropodium</i>	Asparagaceae
	<i>Laxmannia</i>	Asparagaceae
	<i>Murchisonia</i>	Asparagaceae
	<i>Sowerbaea</i>	Asparagaceae
	<i>Thysanotus</i>	Asparagaceae
	<i>Chamaescilla</i>	Asparagaceae
	<i>Chlorophytum</i>	Asparagaceae
	<i>Dichopogon</i>	Asparagaceae
	<i>Agrostocrinum</i>	Hemerocallidaceae
	<i>Arnocrinum</i>	Hemerocallidaceae
	<i>Caesia</i>	Hemerocallidaceae
	<i>Hensmania</i>	Hemerocallidaceae
	<i>Hodgsoniola</i>	Hemerocallidaceae
	<i>Johnsonia</i>	Hemerocallidaceae
	<i>Stawellia</i>	Hemerocallidaceae
	<i>Corynotheca</i>	Hemerocallidaceae
	<i>Tricoryne</i>	Hemerocallidaceae
Apiaceae	<i>Hydrocotyle</i>	Araliaceae
	<i>Neosciadium</i>	Araliaceae
	<i>Trachymene</i>	Araliaceae
	<i>Uldinia</i>	Araliaceae
Capparaceae	<i>Cleome</i>	Cleomaceae
Clusiaceae	<i>Hypericum</i>	Hypericaceae
Cunoniaceae	<i>Aphanopetalum</i>	Aphanopetalaceae
Dasypogonaceae	<i>Chamaexeros</i>	Asparagaceae
	<i>Lomandra</i>	Asparagaceae
	<i>Xerolirion</i>	Asparagaceae
Euphorbiaceae	<i>Antidesma</i>	Phyllanthaceae
	<i>Breynia</i>	Phyllanthaceae
	<i>Bridelia</i>	Phyllanthaceae
	<i>Flueggea</i>	Phyllanthaceae
	<i>Glochidion</i>	Phyllanthaceae
	<i>Margaritaria</i>	Phyllanthaceae
	<i>Phyllanthus</i>	Phyllanthaceae
	<i>Poranthera</i>	Phyllanthaceae

Old Family	Genus	New Family
	<i>Sauropus</i>	Phyllanthaceae
	<i>Leptopus</i>	Phyllanthaceae
	<i>Petalostigma</i>	Picrodendraceae
	<i>Drypetes</i>	Putranjivaceae
Hydrophyllaceae	<i>Phacelia</i>	Boraginaceae
	<i>Wigandia</i>	Boraginaceae
	<i>Hydrolea</i>	Hydroleaceae
Potamogetonaceae	<i>Ruppia</i>	Ruppiaceae
Restionaceae	<i>Anarthria</i>	Anarthriaceae
Scrophulariaceae	<i>Lindernia</i>	Linderniaceae
	<i>Centranthera</i>	Orobanchaceae
	<i>Striga</i>	Orobanchaceae
	<i>Bartsia</i>	Orobanchaceae
	<i>Parentucellia</i>	Orobanchaceae
	<i>Elacholoma</i>	Phrymaceae
	<i>Glossostigma</i>	Phrymaceae
	<i>Mimulus</i>	Phrymaceae
	<i>Peplidium</i>	Phrymaceae
	<i>Dopatrium</i>	Plantaginaceae
	<i>Bacopa</i>	Plantaginaceae
	<i>Gratiola</i>	Plantaginaceae
	<i>Limnophila</i>	Plantaginaceae
	<i>Stemodia</i>	Plantaginaceae
	<i>Veronica</i>	Plantaginaceae
	<i>Misopates</i>	Plantaginaceae
	<i>Linaria</i>	Plantaginaceae
	<i>Maurandya</i>	Plantaginaceae
	<i>Scoparia</i>	Plantaginaceae
	<i>Buchnera</i>	Orobanchaceae
	<i>Euphrasia</i>	Orobanchaceae
	<i>Rhamphicarpa</i>	Orobanchaceae
	<i>Microcarpaea</i>	Phrymaceae
	<i>Kickxia</i>	Plantaginaceae
	<i>Cymbalaria</i>	Plantaginaceae
Simaroubaceae	<i>Harrisonia</i>	Rutaceae
Zygophyllaceae	<i>Nitraria</i>	Nitrariaceae

APPENDIX 2e: Data for quadrats, transects and sites established by the Wildflower Society at Charles Darwin Reserve

Physical, vegetation and flora information is listed for each quadrat. Dominant taxa are listed in the vegetation description IN ORDER OF DOMINANCE within each vegetation layer (according to Table 3 in Appendix 1). All flora recorded is listed by growth form at the end of each quadrat description, IN ALPHABETICAL ORDER.

Quadrat WSWA A1

Vegetation: *Melaleuca stereophloia* Tall Shrubland over *Acacia andrewsii*, *A. inceana* subsp. *conformis* Shrubland.

GPS location (WGS 84): 29° 30.377' S 116° 56.042' E

Location: Between Quandong Well and Easter Monday Well ca 40 m S of track.

Date Sampled: 23/08/2008; 10/10/2008

Land System: Carnegie

Topographic position: Lower slope sand deposition

Site description: Moderately drained SW facing flat, fringing salt lakes. Reddish-yellow-brown sandy loam.

Vegetation Condition: Excellent

Shrubs: *Acacia andrewsii*, *Acacia inceana* subsp. *conformis*, *Acacia ramulosa*, *Acacia* sp., *Comesperma integerrimum*, *Eremophila clarkei*, *Eremophila decipiens* subsp. *decipiens*, *Eremophila oppositifolia* subsp. *angustifolia*, *Eremophila serrulata*, *Grevillea ptyophylla*, *Gunniopsis quadrifida*, *Maireana thesioides*, *Melaleuca stereophloia*, *Rhagodia drummondii*, *Ricinocarpos velutinus*, *Scaevola spinescens*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima*, *Eragrostis dielsii*, *Tripogon loliiformis*

Herbs: *Arthropodium dyeri*, *Bellida graminea*, *Blennospora drummondii*, *Brachyscome ciliocarpa*, *Caesia* sp. Wongan (K.F. Kenneally 8820) PN, *Calandrinia eremaea*, *Calandrinia granulifera*, *Calandrinia* sp. ridged papillate (M. Hislop & E. Hudson MH161) PN, *Chthonocephalus pseudevax*, *Crassula colorata* var. *acuminata*, *Drosera bulbosa*, *Drosera glanduligera*, *Erodium cygnorum*, *Gnephosis angianthoides*, *Gonocarpus nodulosus*, *Goodenia occidentalis*, *Goodenia pinnatifida*, *Hyalochlamys globifera*, *Lawrencella rosea*, *Levenhookia leptantha*, *Maireana carnosa*, *Nicotiana rotundifolia*, *Podolepis capillaris*, *Podolepis lessonii*, *Pogonolepis muelleriana*, *Rhodanthe chlorocephala* subsp. *splendida*, *Sclerolaena diacantha*, *Thysanotus* sp., *Trachymene cyanopetala*, *Waitzia acuminata* var. *acuminata*

Sedges/rushes/sedge-like herbs: *Centrolepis cephaloformis* subsp. *cephaloformis*, *Isolepis cernua* var. *setiformis*, *Schoenus nanus*

Adjacent:

Trees: *Melaleuca hamata*

Shrubs: *Exocarpos aphyllus*, *Maireana glomerifolia*, *Senna charlesiana*

Herbs: *Caladenia* sp., *Drosera macrantha* subsp. *macrantha*

Quadrat WSWA A2

Vegetation: *Eremophila miniata* Open Low Woodland over *Gunniopsis quadrifida*, *Jacksonia arida*, *Scaevola spinescens* Low Shrubland over *Aristida holathera* var. *holathera*, *Eragrostis dielsii* Grassland and *Calandrinia* spp. and mixed species Herbland.

GPS location (WGS 84): 29° 30.501' S 116° 56.592' E

Location: Between Quandong Well and Easter Monday Well ca 10 m S of track

Date Sampled: 23/08/2008; 12/10/2008

Land System: Carnegie

Topographic position: Low rise between salt lakes

Site description: Well drained dune with a gentle SSW slope, fringing salt lakes. Orange sand.

Vegetation Condition: Excellent

Trees: *Eremophila miniata*

Shrubs: *Gunniopsis quadrifida*, *Jacksonia arida*, *Maireana amoena*, *Rhagodia drummondii*, *Scaevola spinescens*, *Zygophyllum fruticulosum*

Grasses: *Aristida holathera* var. *holathera*, *Austrostipa elegantissima*, *Eragrostis dielsii*, **Pentaschistis airoides* subsp. *airoides*

Herbs: *Acanthocarpus canaliculatus*, *Brachyscome ciliocarpa*, *Brachyscome iberidifolia*, *Calandrinia* aff. *remota*, *Calandrinia eremaea*, *Calandrinia* sp., *Chthonocephalus pseudevax*, *Crassula colorata* var. *colorata*, *Dianella revoluta* var. *divaricata*, *Erodium cygnorum*, *Gnephosis angianthoides*, *Gonocarpus nodulosus*, *Goodenia pinnatifida*, *Hyalochlamys globifera*, *Myriocephalus* sp., *Nicotiana rotundifolia*, *Ophioglossum lusitanicum*, *Podotheca unisetia*, *Ptilotus chamaecladus*, *Sclerolaena eurotioides*, *Stylidium warriedarensense*, *Tetragonia diptera*

Sedges/rushes/sedge-like herbs: *Cyperus rigidellus*, *Triglochin isingiana*, *Triglochin longicarpa*

Adjacent:

Shrubs: *Acacia tetragonophylla*, *Hakea preissii*, *Maireana atkinsiana*, *Solanum orbiculatum* subsp. *orbiculatum*

Herbs: *Lawrencella davenportii*, *Levenhookia* sp., *Lomandra effusa*, *Senecio glossanthus*, *Senecio lacustrinus*

Transect WSWA A3

Vegetation: *Tecticornia halocnemoides*, *T. doleiformis* Low Shrubland over *Senecio lacustrinus* Open Herbland.

GPS location (WGS 84): 29° 30.511' S 116° 56.589' E

Location: Between Quandong Well and Easter Monday Well ca 40 m S of track

Date Sampled: 23/08/2008; 12/10/2008

Land System: Carnegie

Topographic position: Salt lake

Site description: Gentle S slope along transect into salt lake. Orange sand grading to salty grey clay of lake bed. Seasonally waterlogged.

Vegetation Condition: Excellent

Shrubs: *Maireana amoena*, *Tecticornia doleiformis*, *Tecticornia halocnemoides*, *Tecticornia loriae*

Grasses: *Eragrostis dielsii*

Herbs: *Atriplex holocarpa*, *Brachyscome oncocarpa*, *Cotula cotuloides*, *Crassula colorata* var. *acuminata*, *Gilberta tenuifolia*, *Gnephosis acicularis*, *Gnephosis angianthoides*, *Gnephosis trifida*, *Gomphrena* sp. Belele (D.W. Goodall 3215) PN, *Gunniopsis intermedia*, *Gunniopsis rodwayi*, *Hyalochlamys globifera*, *Podolepis capillaris*, *Pogonolepis muelleriana*, *Pogonolepis muelleriana/stricta*, *Sclerolaena eurotioides*, *Senecio lacustrinus*, *Stenopetalum filifolium*

Adjacent:

Sedges/rushes/sedge-like herbs: *Triglochin* sp.

Quadrat WSWA A4

Vegetation: *Tecticornia indica* subsp. *biden*, *Disphyma crassifolium* subsp. *clavellatum* Low Shrubland over *Aristida holathera* var. *holathera*, *Austrostipa nitida*, *Eragrostis dielsii* Very Open Grassland and *Brachyscome cheilocarpa*, *Pogonolepis stricta* Open Herbland.

GPS location (WGS 84): 29° 30.473' S 116° 56.623' E

Location: Between Quandong Well and Easter Monday Well ca 40 m N of track

Date Sampled: 23/08/2008; 12/10/2008

Land System: Carnegie

Topographic position: Salt lake

Site description: Gentle NE slope of salt lake. Light orange beige sand over clay. Seasonally waterlogged.

Vegetation Condition: Excellent

Shrubs: *Atriplex vesicaria*, *Disphyma crassifolium* subsp. *clavellatum*, *Enchylaena lanata*, *Exocarpos aphyllus*, *Frankenia pauciflora*, *Frankenia* sp., *Gunniopsis quadrifida*, *Maireana amoena*, *Maireana atkinsiana*, *Rhagodia drummondii*, *Solanum orbiculatum* subsp. *orbiculatum*, *Tecticornia disarticulata*, *Tecticornia indica* subsp. *bidens*, *Tecticornia pruinosa*

Grasses: *Aristida holathera* var. *holathera*, *Austrostipa nitida*, *Eragrostis dielsii*

Herbs: **Arctotheca calendula*, *Atriplex codonocarpa*, *Brachyscome cheilocarpa*, *Brachyscome perpusilla*, *Calandrinia* ?sp. ridged papillate (M. Hislop & E. Hudson MH161), *Calandrinia granulifera*, *Calandrinia* sp., *Chthonocephalus pseudevax*, *Didymanthus roei*, *Erodium cygnorum*, *Gomphrena* sp. Belele (D.W. Goodall 3215) PN, *Goodenia pinnatifida*, *Goodenia pusilliflora*, *Gunniopsis* sp., *Hyalochlamys globifera*, *Isotoma scapigera*, *Maireana carnososa*, **Mesembryanthemum nodiflorum*, *Nicotiana rotundifolia*, *Ophioglossum lusitanicum*, *Pogonolepis muelleriana*, *Pogonolepis stricta*, *Prasophyllum gracile*, *Ptilotus chamaecladus*, *Rhodanthe chlorocephala* subsp. *rosea*, *Sclerolaena eurotioides*, *Wahlenbergia tumidifructa*
Sedges/rushes/sedge-like herbs: *Cyperus rigidellus*, *Triglochin longicarpa*

Adjacent:

Shrubs: *Grevillea obliquistigma* subsp. *funicularis*

Herbs: *Levenhookia leptantha*, *Sclerolaena densiflora*, *Senecio glossanthus*, *Swainsona perlonga*

Quadrat WSWA A5

Vegetation: *Melaleuca acuminata* var. *websteri* Open Tall Shrubland over *Tecticornia indica* subsp. *bidens*
Low Shrubland over *Eragrostis dielsii* Very Open Grassland over *Nicotiana rotundifolia*, *Brachyscome cheilocarpa* Open Herbland.

GPS location (WGS 84): 29° 30.414' S 116° 57.004' E

Location: Between Quandong Well and Easter Monday Well ca 26 m E of track

Date Sampled: 23/08/2008

Land System: Carnegie

Topographic position: Salt lake

Site description: Gentle SE to E slope fringing a salt lake. Upper slope of red brown sandy loam grading down slope to yellow clay.

Vegetation Condition: Excellent

Shrubs: *Enchylaena lanata*, *Eremophila oppositifolia* subsp. *angustifolia*, *Frankenia* sp., *Gunniopsis quadrifida*, *Lawrenzia squamata*, *Melaleuca acuminata* subsp. *websteri*, *Rhagodia drummondii*, *Solanum nummularium*, *Tecticornia indica* subsp. *bidens*

Grasses: *Aristida holathera* var. *holathera*, *Austrostipa trichophylla*, *Eragrostis dielsii*, **Pentaschistis airoides* subsp. *airoides*, **Rostraria pumila*

Herbs: *Actinobole uliginosum*, *Atriplex codonocarpa*, *Brachyscome cheilocarpa*, *Calandrinia eremaea*, *Calandrinia ptychosperma*, *Calotis hispidula*, *Chthonocephalus pseudevax*, *Crassula colorata* var. *colorata*, *Didymanthus roei*, *Dysphania melanocarpa*, *Erodium cygnorum*, *Gnephosis tenuissima*, *Gnephosis trifida*, *Goodenia berardiana*, *Goodenia pinnatifida*, *Gunniopsis rodwayi*, *Hypoxis glabella* var. *leptantha*, *Nicotiana rotundifolia*, *Parietaria cardiostegia*, *Podotheca gnaphalioides*, *Pogonolepis stricta*, *Rhodanthe stricta*, *Sclerolaena cuneata*, *Sclerolaena densiflora*, *Sclerolaena eurotioides*, *Senecio glossanthus*, **Silene nocturna*, *Stenopetalum filifolium*, *Tetragonia diptera*, *Wahlenbergia tumidifructa*

Sedges/rushes/sedge-like herbs: *Centrolepis cephaliformis* subsp. *cephaliformis*, *Isolepis* ?*congrua*

Adjacent:

Shrubs: *Atriplex paludosa* subsp. *moquiniana*, *Maireana atkinsiana*

Herbs: *Calotis multicaulis*, *Goodenia pusilliflora*, *Lawrenzia diffusa*, *Maireana carnososa*, **Mesembryanthemum nodiflorum*

Quadrat WSWA A6

Vegetation: *Eucalyptus kochii* subsp. *amaryssia* Woodland over *Olearia dampieri* Open Low Shrubland.

GPS location (WGS 84): 29° 30.146' S 116° 57.365' E

Location: Between Quandong Well and Easter Monday Well ca 10 m W of track

Date Sampled: 23/08/2008; 10/10/2008

Land System: Carnegie

Topographic position: Low rise between salt lakes

Site description: Gentle S slope on sand dune (low rise) between salt lakes. Well drained light red sandy loam.

Vegetation Condition: Very Good

Trees: *Acacia anthochaera*, *Eucalyptus kochii* subsp. *amaryssia*

Shrubs: *Acacia* sp., *Enchylaena lanata*, *Maireana thesioides*, *Mirbelia ramulosa*, *Olearia dampieri* MS, *Pimelea microcephala* subsp. *microcephala*, *Pittosporum angustifolium*, *Ptilotus obovatus* var. *obovatus*, *Rhagodia drummondii*, *Scaevola spinescens*, *Senna artemisioides* subsp. *filifolia*

Grasses: *Aristida holathera* var. *holathera*, *Austrostipa elegantissima*, *Austrostipa* sp., *Monachather paradoxus*, **Pentaschistis airoides* subsp. *airoides*

Herbs: *Actinobole uliginosum*, *Bulbine semibarbata*, *Calandrinia eremaea sens lat*, *Calandrinia* sp., *Calandrinia* sp. Bungalbin (G.J. Keighery & N. Gibson 1656) PN, *Calotis hispidula*, *Daucus glochidiatus*, *Erodium cygnorum*, *Nicotiana rotundifolia*, *Ptilotus exaltatus* var. *villosus*, *Ptilotus gaudichaudii* var. *parviflorus*, *Ptilotus polystachyus*, *Sclerolaena alata*, *Sclerolaena densiflora*, *Senecio glossanthus*, *Stenopetalum filifolium*, *Stenopetalum lineare*, *Tetragonia diptera*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Thysanotus speckii*, *Trachymene cyanopetala*, *Zygophyllum* sp.

Adjacent:

Shrubs: *Eremophila glabra* subsp. *elegans*, *Grevillea sarissa* subsp. *anfractifolia*, *Solanum lasiophyllum*, *Solanum nummularium*

Grasses: *Austrostipa nitida*

Herbs: *Brachyscome iberidifolia*, *Dianella revoluta* var. *divaricata*, *Hydrocotyle pilifera* var. *glabrata*, *Lawrencella davenportii*, *Maireana trichoptera*, *Plantago debilis*, *Podolepis capillaris*, *Podotheca gnaphalioides*, *Waitzia acuminata* var. *acuminata*

Quadrat WSWA B1

Vegetation: *Eucalyptus loxophleba* subsp. *supralaevis* Woodland, over *Callitris columellaris* Low Woodland over *Melaleuca scalena*, *Dodonaea inaequifolia*, *Acacia ramulosa*, *Acacia tetragonophylla*, *Grevillea extorris* Tall Shrubland over *Eremophila glutinosa* Shrubland over *Ptilotus obovatus* var. *obovatus*, *Olearia muelleri* Low Shrubland.

GPS location (WGS 84): 29° 30.000' S 116° 59.857' E

Location: Near Easter Monday Well ca 65 m E of track (and 12 m E of CD073 monitoring peg)

Date Sampled: 23/08/2008

Land System: Euchre

Topographic position:

Site description: Gentle NE slope within granitic system. Moderately drained red brown sandy loam.

Vegetation Condition: Excellent

Trees: *Callitris columellaris*, *Eucalyptus loxophleba* subsp. *supralaevis*

Shrubs: *Acacia ramulosa*, *Acacia tetragonophylla*, *Alyxia buxifolia*, *Calycopeplus paucifolius*, *Cheiranthra simplicifolia*, *Dodonaea inaequifolia*, *Eremophila clarkei*, *Eremophila glutinosa*, *Grevillea extorris*, *Hakea recurva*, *Hemigenia botryphylla*, *Melaleuca scalena*, *Mirbelia bursarioides* MS, *Olearia* aff. *humilis*, *Olearia muelleri*, *Ptilotus obovatus* var. *obovatus*, *Rhagodia eremaea*, *Senna* sp. Austin (A. Strid 20210) PN, *Sida* sp. dark green fruits (S. van Leeuwen 2260) PN, *Solanum lasiophyllum*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima*

Herbs: *Brunonia* sp., *Calandrinia* sp., *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Gonocarpus nodulosus*, *Goodenia berardiana*, *Goodenia occidentalis*, *Maireana marginata*, *Schoenia cassiniana*, *Trachymene ornata*, *Velleia rosea*, *Wurmbea murchisoniana*

Ferns: *Cheilanthes* sp.

Sedges/rushes/sedge-like herbs: *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN

Adjacent:

Shrubs: *Exocarpos aphyllus*, *Micromyrtus clavata*

Herbs: *Zygophyllum retivalve*

Quadrat WSWA B2

Vegetation: *Acacia acuminata* Open Low Woodland over *Allocasuarina campestris* Open Tall Shrubland over *Eremophila glutinosa*, *Grevillea extorris*, *Mirbelia bursarioides* Open Heath over *Wurmbea murchisoniana*, *Arthropodium dyeri* Open Herbland.

GPS location (WGS 84): 29° 30.054' S 116° 59.884' E

Location: Near Easter Monday Well ca 10 m E of track at edge of rock sheet

Date Sampled: 23/08/2008; 10/10/2008

Land System: Euchre

Topographic position: Granite outcrop

Site description: Very gentle E slope within granitic system. Poorly drained pink and white clay over granite.

Vegetation Condition: Pristine-Excellent

Trees: *Acacia acuminata*

Shrubs: *Acacia exocarpoides*, *Acacia tetragonophylla*, *Allocasuarina campestris*, *Alyxia buxifolia*, *Astroloma serratifolium*, *Comesperma integerrimum*, *Dicrastylis soliparma*, *Dodonaea inaequifolia*, *Eremophila clarkei*, *Eremophila glutinosa*, *Grevillea extorris*, *Maireana planifolia* "narrow leaf form", *Mirbelia bursarioides* MS, *Olearia* aff. *humilis*, *Philotheca brucei*, *Prostanthera patens*, *Sida* sp. dark green fruits (S. van Leeuwen 2260) PN

Grasses: *Austrodanthonia setacea*, *Austrostipa elegantissima*, **Avellinia michelii*, *Eriachne pulchella*, **Pentaschistis airoides* subsp. *airoides*

Herbs: *Arthropodium dyeri*, *Brachyscome perpusilla* var. *tenella*, *Calandrinia calyptrata*, *Calandrinia eremaea*, *Calandrinia* sp., *Calotis* sp. Perrinvale Station (R.J. Cranfield 7096) PN, *Chamaexeros macranthera*, **Cleretum papulosum* subsp. *papulosum*, *Crassula colorata* var. *acuminata*, *Drosera bulbosa*, *Erodium cygnorum*, *Gilruthia osbornei*, *Gonocarpus nodulosus*, *Goodenia berardiana*, *Hyalochlamys globifera*, *Hyalosperma demissum*, *Hydrocotyle pilifera* var. *glabrata*, *Hypoxis glabella* var. *leptantha*, *Isoetopsis graminifolia*, *Myriocephalus pygmaeus*, *Podolepis lessonii*, *Ptilotus drummondii* var. *drummondii*, *Rhodanthe laevis*, *Schoenia cassiniana*, *Sclerolaena eurotioides*, **Spergularia rubra*, *Thysanotus speckii*, *Trachymene ornata*, *Velleia cynopotamica*, *Velleia rosea*, *Wurmbea murchisoniana*

Sedges/rushes/sedge-like herbs: *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN, *Triglochin nana*

Adjacent:

Shrubs: *Gastrolobium laytonii*, *Melaleuca scalena*, *Persoonia pentasticha*

Quadrat WSWA B3

Vegetation: *Acacia aulacophylla* Open Shrubland over *Philotheca sericea*, *Micromyrtus racemosa* Low Shrubland over *Wurmbea murchisoniana*, *Arthropodium dyeri* Very Open Herbland.

GPS location (WGS 84): 29° 30.099' S 116° 59.877' E

Location: Near Easter Monday Well 70 paces E of track on rock sheet

Date Sampled: 23/08/2008

Land System: Euchre

Topographic position: Granite outcrop

Site description: Very gentle SW slope on outcropping granite. Yellowish brown loam over granite.

Vegetation Condition: Pristine-Excellent

Trees: *Acacia aneura*

Shrubs: *Acacia aulacophylla*, *Acacia tetragonophylla*, *Astroloma serratifolium*, *Baeckea* sp., *Calytrix leschenaultii*, *Eremophila glutinosa*, *Maireana planifolia*, *Maireana thesioides*, *Micromyrtus racemosa*, *Mirbelia bursarioides* MS, *Persoonia pentasticha*, *Philotheca sericea*, *Ptilotus obovatus* var. *obovatus*, *Sida* sp. dark green fruits (S. van Leeuwen 2260) PN

Herbs: *Arthropodium dyeri*, *Blennospora drummondii*, *Borya sphaerocephala*, *Brachyscome perpusilla*, *Calandrinia ?eremaea*, *Calandrinia eremaea*, *Chamaexeros macranthera*, **Cleretum papulosum* subsp. *papulosum*, *Crassula colorata* var. *acuminata*, *Drosera bulbosa*, *Erymophyllum ramosum* subsp. *ramosum*, *Hyalosperma glutinosum* subsp. *venustum*, *Myriocephalus pygmaeus*, *Pterostylis* sp. "hairy", *Rhodanthe laevis*, *Thysanotus patersonii*, *Wurmbea murchisoniana*

Ferns: *Cheilanthes sieberi* subsp. *sieberi*

Adjacent:

Shrubs: *Alyxia buxifolia*, *Calytrix glutinosa*, *Eremophila clarkei*, *Eremophila forrestii* subsp. *forrestii*, *Eremophila latrobei* subsp. *latrobei*, *Grevillea pityophylla*, *Petrophile incurvata*, *Rhagodia eremaea*

Herbs: *Ptilotus drummondii* var. *drummondii*

Quadrat WSWA B4

Vegetation: *Acacia ramulosa*, *Calycopeplus paucifolius* Tall Shrubland over *Philotheca brucei*, *Mirbelia bursarioides*, *Eremophila latrobei* subsp. *latrobei*, *Thryptomene costata* Shrubland over *Borya constricta*, *Chamaexeros macranthera* Open Herbland on upper slope falling to *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Melaleuca leiocarpa*, *Callitris columellaris* Open Low Forest.

GPS location (WGS 84): 29° 30.752' S 117° 00.435' E

Location: Between Easter Monday Well and 7 Mile Well, 30 m E of track

Date Sampled: 23/08/2008; 12/10/2008

Land System: Euchre

Topographic position: Washplain

Site description: Gentle SE slope on rock dome sloping to Shrublands. Red brown loam over laterite.

Vegetation Condition: Pristine

Trees: *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Callitris columellaris*

Shrubs: *Acacia assimilis* subsp. *assimilis*, *Acacia ramulosa*, *Acacia tetragonophylla*, *Aluta aspera* subsp. *hesperia*, *Alyxia buxifolia*, *Calycopeplus paucifolius*, *Dodonaea inaequifolia*, *Eremophila clarkei*, *Eremophila latrobei* subsp. *latrobei*, *Gastrolobium laytonii*, *Grevillea extorris*, *Hibbertia arcuata*, *Melaleuca leiocarpa*, *Micromyrtus racemosa*, *Mirbelia bursarioides* MS, *Philotheca brucei*, *Prostanthera patens*, *Sida* sp. dark green fruits (S. van Leeuwen 2260) PN, *Thryptomene costata*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Aristida holathera* var. *holathera*, *Austrostipa elegantissima*, *Lachnagrostis plebeia*, **Pentaschistis airoides* subsp. *airoides*

Herbs: **Anagallis arvensis*, *Arthropodium dyeri*, *Borya constricta*, *Brachyscome perpusilla*, *Calocephalus multiflorus*, *Chamaexeros macranthera*, *Crassula colorata* var. *colorata*, *Erodium cygnorum*, *Gonocarpus nodulosus*, *Goodenia berardiana*, *Goodenia occidentalis*, *Hypoxis glabella* var. *leptantha*, *Lawrencella davenportii*, *Lawrencella rosea*, *Levenhookia leptantha*, *Lobelia winfridae*, *Myriocephalus pygmaeus*, *Podolepis lessonii*, *Pterostylis* sp. "hairy", *Rhodanthe laevis*, *Rhodanthe spicata*, *Thysanotus pyramidalis*, *Trachymene ornata*, *Velleia cynopotamica*, *Velleia rosea*, *Wurmbea murchisoniana*

Ferns: *Cheilanthes sieberi* subsp. *sieberi*

Sedges/rushes/sedge-like herbs: *Triglochin ?nana*

Adjacent:

Trees: *Acacia* sp. narrow phyllode (B.R. Maslin 7831) PN

Shrubs: *Acacia exocarpoides*, *Calytrix leschenaultii*, *Hakea invaginata*, *Hakea recurva*, *Olearia* aff. *humilis*, *Philotheca sericea*, *Santalum spicatum*

Herbs: *Dianella revoluta* var. *divaricata*, *Drosera macrantha* subsp. *macrantha*, *Hyalosperma glutinosum* subsp. *venustum*

Quadrat WSWA B6 (no WSWA B5)

Vegetation: *Thryptomene costata* Open Scrub over *Borya sphaerocephala* and mixed herbs Herbland with a good cover of lichens/blue green algae.

GPS location (WGS 84): 29° 31.099' S 117° 00.508' E

Location: 0.54 km N of 7 Mile Well towards Easter Monday Well, 30 m E of track

Date Sampled: 23/08/2008; 12/10/2008

Land System: Euchre

Topographic position: Granite outcrop

Site description: Very gentle S slope on granite outcrop. Yellow brown sandy loam over granite. Poorly drained and seasonally wet.

Vegetation Condition: Excellent

Shrubs: *Acacia kochii*, *Acacia tetragonophylla*, *Acacia umbraculiformis*, *Grevillea pityophylla*, *Pimelea spiculigera* var. *thesioides*, *Thryptomene costata*

Grasses: *Aristida holathera* var. *holathera*, *Austrostipa elegantissima*, *Austrostipa trichophylla*, *Eriachne pulchella*

Herbs: *Actinobole uliginosum*, *Borya sphaerocephala*, *Brunonia* sp., *Calandrinia ?translucens*, *Calandrinia eremaea*, *Calandrinia primuliflora*, *Calandrinia* sp. Truncate capsules (A. Markey & S. Dillon 3474) PN, *Calotis hispidula*, *Calotis multicaulis*, *Crassula colorata*, *Crassula colorata* var. *colorata*, **Cuscuta planiflora*, *Dichopogon tyleri*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Gnephosis angianthoides*, *Gonocarpus nodulosus*, *Goodenia berardiana*, *Goodenia occidentalis*, *Haloragis trigonocarpa*, *Hydrocotyle pilifera* var. *glabrata*, *Isoetopsis graminifolia*, *Lawrencella davenportii*, **Monoculus monstrosus*, *Nicotiana rotundifolia*, *Ophioglossum lusitanicum*, *Podolepis canescens*, *Podolepis lessonii*, *Podotheca* sp., *Pogonolepis muelleriana*, *Prasophyllum gracile*, *Ptilotus gaudichaudii*, *Ptilotus gaudichaudii* var. *gaudichaudii*, *Ptilotus helipteroides*, *Rhodanthe chlorocephala* subsp. *splendida*, *Schoenia cassiniana*, *Stenopetalum filifolium*, *Thysanotus* sp., *Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN, *Velleia rosea*, *Waitzia acuminata* var. *acuminata*

Ferns: *Cheilanthes adiantoides*

Adjacent:

Shrubs: *Philotheca brucei* subsp. *brucei*

Herbs: *Goodenia pusilliflora*

Quadrat WSWA C1

Vegetation: *Aluta aspera*, *Melaleuca nematophylla*, *Acacia effusifolia*, *A. assimilis* subsp. *assimilis* Open Scrub over *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima* Very Open Grassland with scattered herbs.

GPS location (WGS 84): 29° 40.272' S 117° 05.946' E

Location: On breakaway along N-S track on E boundary, ca 120 m W of track

Date Sampled: 24/08/2008

Land System: Euchre

Topographic position: Top of laterite breakaway

Site description: Gentle E slope on top of laterite breakaway.

Vegetation Condition: Pristine

Shrubs: *Acacia assimilis* subsp. *assimilis*, *Acacia effusifolia*, *Aluta aspera*, *Dodonaea inaequifolia*, *Eremophila clarkei*, *Hibbertia arcuata*, *Melaleuca nematophylla*, *Philotheca brucei* subsp. *brucei*, *Solanum lasiophyllum*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima*

Herbs: *Actinobole uliginosum*, *Brachyscome perpusilla* var. *tenella*, *Calandrinia eremaea*, *Erodium cygnorum*, *Lawrencella rosea*, *Myriocephalus pygmaeus*, *Pterostylis* sp. "hairy", *Thysanotus patersonii*, *Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN, *Velleia hispida*, *Waitzia acuminata* var. *acuminata*

Ferns: *Cheilanthes* sp.

Adjacent:

Trees: *Melaleuca hamata*

Shrubs: *Alyxia buxifolia*, *Calytrix glutinosa*, *Comesperma integerrimum*, *Enchylaena lanata*, *Grevillea paradoxa*, *Leucopogon* aff. *brevicuspis*, *Rhagodia drummondii*

Quadrat WSWA C2

Vegetation: *Eucalyptus loxophleba* subsp. *supralaevis* Open Forest over *Dodonaea inaequifolia*, *Acacia acuminata*, *Melaleuca acuminata* subsp. *websteri* Open Scrub over *Olearia muelleri* Low Shrubland over *Arthropodium dyeri* and a mixed species Herbland.

GPS location (WGS 84): 29° 40.275' S 117° 06.015' E

Location: Along N-S track on E boundary ca 30 m W of track

Date Sampled: 12/07/2008, **24/08/2008**

Land System: Euchre

Topographic position: Upper stripped washslope below laterite breakaway

Site description: Gentle E slope below laterite breakaway. Pink brown sandy loam over clay.

Vegetation Condition: Pristine-Excellent

Trees: *Acacia anthochaera*, *Eremophila oldfieldii* subsp. *oldfieldii*, *Eucalyptus loxophleba* subsp. *supralaevis*

Shrubs: *Acacia andrewsii*, *Acacia acuminata*, *Alyxia buxifolia*, *Comesperma integerrimum*, *Dicrastylis soliparma*, *Dodonaea inaequifolia*, *Eremophila clarkei*, *Maireana thesioides*, *Melaleuca acuminata* subsp. *websteri*, *Olearia muelleri*, *Rhagodia* sp. Watheroo (R.J. Cranfield & P.J. Spencer 8183) PN, *Scaevola spinescens*, *Senna artemisioides* subsp. *filifolia*

Grasses: *Austrostipa elegantissima*

Herbs: *Arthropodium dyeri*, *Calandrinia* sp., *Calotis hispidula*, *Daucus glochidiatus*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Goodenia berardiana*, *Hydrocotyle rugulosa*, *Hypoxis glabella* var. *leptantha*, *Lawrencella rosea*, *Maireana marginata*, *Maireana trichoptera*, *Nicotiana rotundifolia*, *Parietaria debilis*, *Plantago ?debilis*, *Podolepis lessonii*, *Pterostylis* sp. "hairy", *Rhodanthe laevis*, *Schoenia cassiniana*, *Thysanotus* sp., *Trachymene ornata*, *Velleia rosea*

Adjacent:

Shrubs: *Eremophila clarkei*

Quadrat WSWA C3

Vegetation: *Mirbelia bursarioides*, *Acacia aulacophylla* Shrubland over *Calytrix glutinosa*, *Rulingia luteifolia* Open Low Shrubland over *Borya constricta* Very Open Herbland with a cover of lichen.

GPS location (WGS 84): 29° 40.888' S 117° 05.798' E

Location: Granites on N side of track between E boundary and St Joseph's Well

Date Sampled: **24/08/2008**

Land System: Euchre

Topographic position: Granite outcrop

Site description: Gentle N slope on top of granite outcrop, shallow red brown loam.

Vegetation Condition: Pristine

Trees: *Allocasuarina acutivalvis* subsp. *acutivalvis*

Shrubs: *Acacia aulacophylla*, *Calytrix glutinosa*, *Calytrix leschenaultii*, *Eremophila clarkei*, *Eremophila latrobei* subsp. *latrobei*, *Micromyrtus racemosa*, *Mirbelia bursarioides* MS, *Philotheca brucei*, *Rulingia luteiflora*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima*

Herbs: *Arthropodium dyeri*, *Blennospora drummondii*, *Borya constricta*, *Brachyscome perpusilla*, *Cyanicula amplexans*, *Drosera bulbosa*, *Drosera macrantha* subsp. *macrantha*, *Gonocarpus nodulosus*, *Hyalosperma demissum*, *Hyalosperma glutinosum* subsp. *glutinosum*, *Hypoxis glabella* var. *leptantha*, *Lawrencella rosea*, *Podolepis lessonii*, *Thelymitra petrophila* MS, *Thysanotus patersonii*, *Velleia rosea*

Ferns: *Cheilanthes sieberi* subsp. *sieberi*

Adjacent:

Herbs: *Myriocephalus pygmaeus*, *Pogonolepis stricta*, *Xerolirion divaricata*

Quadrat WSWA C4

Vegetation: *Melaleuca hamata*, *Acacia acuminata* Open Low Woodland over *A. aulacophylla*, *Dodonaea inaequifolia* Open Shrubland over *Eremophila clarkei*, *Mirbelia bursarioides* Open Low Shrubland over a mixed species Very Open Herbland, *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) Very Open Sedgeland and *Cheilanthes sieberi* subsp. *sieberi* Very Open Fernland with emergent *Eucalyptus stowardii*.

GPS location (WGS 84): 29° 40.903' S 117° 05.802' E

Location: Granites on S side of track between E boundary and St Joseph's Well

Date Sampled: 24/08/2008

Land System: Euchre

Topographic position: Slope of granite breakaway

Site description: Steep SE slope of granite breakaway, pinkish brown loamy sand.

Vegetation Condition: Excellent

Trees: *Acacia acuminata*, *Melaleuca hamata*

Mallees: *Eucalyptus stowardii*

Shrubs: *Acacia aulacophylla*, *Alyxia buxifolia*, *Calytrix glutinosa*, *Calytrix leschenaultii*, *Comesperma integerrimum*, *Dodonaea inaequifolia*, *Enchylaena lanata*, *Eremophila clarkei*, *Eremophila latrobei* subsp. *latrobei*, *Gastrolobium laytonii*, *Hakea preissii*, *Micromyrtus racemosa*, *Mirbelia bursarioides* MS, *Ptilotus obovatus* var. *obovatus*, *Sida* sp. dark green fruits (S. van Leeuwen 2260) PN

Grasses: *Austrostipa blackii*, *Austrostipa elegantissima*, *Austrostipa exilis*, **Vulpia myuros* forma *myuros*

Herbs: *Blennospora drummondii*, *Borya sphaerocephala*, *Caesia* sp. Wongan (K.F. Kenneally 8820) PN, *Caladenia* sp., *Calandrinia calyptrata*, *Calandrinia eremaea*, *Calandrinia* sp., *Calotis hispidula*, *Crassula colorata* var. *acuminata*, *Daucus glochidiatus*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Gonocarpus nodulosus*, *Goodenia berardiana*, *Gunniopsis rodwayi*, *Hyalosperma demissum*, *Hyalosperma glutinosum* subsp. *glutinosum*, *Hypoxis glabella* var. *leptantha*, *Lawrencella rosea*, *Millotia myosotidifolia*, *Myriocephalus pygmaeus*, *Parietaria cardiostegia*, *Podolepis lessonii*, *Pterostylis* sp., *Rhodanthe laevis*, *Rhodanthe polycephala*, *Schoenia cassiniana*, *Thelymitra* sp., *Thysanotus patersonii*, *Trachymene ornata*, *Waitzia acuminata* var. *acuminata*, *Wurmbea murchisoniana*, *Xerolirion divaricata*

Ferns: *Cheilanthes sieberi* subsp. *sieberi*

Sedges/rushes/sedge-like herbs: *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN

Quadrat WSWA C5

Vegetation: *Eucalyptus loxophleba* subsp. *supralaevis*, *Melaleuca hamata* Open Woodland over *Allocasuarina campestris*, *Acacia* sp. narrow phyllode (B.R. Maslin 7831) PN Open Low Forest over *Eremophila clarkei* Open Tall Shrubland over *Amphipogon caricinus* var. *carinicus* Open Grassland, *Velleia rosea*, *Goodenia havilandii* Closed Herbland, *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) Open Sedgeland and *Cheilanthes* sp. Open Fernland.

GPS location (WGS 84): 29° 40.923' S 117° 05.793' E

Location: Below breakaway on S side of track between E boundary and St Joseph's Well

Date Sampled: 24/08/2008

Land System: Euchre

Topographic position: Washslope below granite breakaway

Site description: Poorly drained run-on flat below granite breakaway, seasonally wet. Brown sandy loam with granitic nodules.

Vegetation Condition: Excellent

Trees: *Acacia* sp. narrow phyllode (B.R. Maslin 7831) PN, *Callitris columellaris*, *Eucalyptus loxophleba* subsp. *supralaevis*, *Melaleuca hamata*

Shrubs: *Acacia andrewsii*, *Allocasuarina campestris*, *Comesperma ?integerrimum*, *Dodonaea inaequifolia*, *Eremophila clarkei*, *Hakea preissii*, *Mirbelia bursarioides* MS, *Sida* sp. dark green fruits (S. van Leeuwen 2260) PN, *Solanum lasiophyllum*

Grasses: *Amphipogon caricinus* var. *caricinus*

Herbs: *Actinobole uliginosum*, *Arthropodium dyeri*, *Blennospora drummondii*, *Borya sphaerocephala*, *Cuscuta* sp., *Cyanicula amplexans*, *Daucus glochidiatus*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Gonocarpus nodulosus*, *Goodenia havilandii*, *Goodenia occidentalis*, *Hyalosperma glutinosum* subsp. *glutinosum*, *Lawrencella rosea*, *Nicotiana rotundifolia*, *Podolepis lessonii*, *Quinetia urvillei*, *Schoenia cassiniana*, *Thysanotus* sp., *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Trachymene ornata*, *Velleia rosea*, *Waitzia acuminata* var. *acuminata*

Ferns: *Cheilanthes* sp., *Phylloglossum drummondii*

Sedges/rushes/sedge-like herbs: *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN

Adjacents:

Mallees: *Eucalyptus stowardii*, *Eucalyptus subangusta*

Shrubs: *Alyxia buxifolia*, *Eremophila oppositifolia* subsp. *angustifolia*

Quadrat WSWA D1

Vegetation: *Acacia duriuscula* Tall Shrubland over *Borya sphaerocephala*, *Drosera macrantha* subsp. *macrantha* (& numerous annual herbs) Closed Herbland and *Cheilanthes adiantoides* Fernland.

GPS location (WGS 84): 29° 40.686' S 117° 01.501' E

Location: St Joseph's Well granites on W side of track

Date Sampled: 12/07/2007, 24/08/2008

Land System: Bandy

Topographic position: Granite dome

Site description: Gentle N slope on granite outcrop dome, seasonally wet. Red brown sandy loam plus weathered granite particles.

Vegetation Condition: Excellent

Shrubs: *Acacia duriuscula*, *Calycopheplus paucifolius*, *Cryptandra apetala*, *Leptosema aphyllum*, *Solanum lasiophyllum*

Grasses: *Austrostipa elegantissima*, *Eragrostis dielsii*, *Eriachne ovata*, *Lachnagrostis plebeia*, **Pentaschistis airoides* subsp. *airoides*, **Vulpia bromoides*

Herbs: *Angianthus* sp., *Arthropodium curvipes*, *Blennospora drummondii*, *Borya sphaerocephala*, *Brachyscome perpusilla*, *Brachyscome pusilla*, *Bulbine semibarbata*, *Calandrinia eremaea*, *Calandrinia porifera*, *Calandrinia* sp. Blackberry (D.M. Porter 171) PN, *Calandrinia* sp. Bungalbin (G.J. Keighery & N. Gibson 1656) PN, *Calandrinia translucens*, *Chthonocephalus pseudevax*, *Crassula closiana*, *Crassula colorata* var. *colorata*, **Cuscuta planiflora*, *Cyanicula amplexans*, *Dichopogon capillipes*, *Drosera bulbosa*, *Drosera glanduligera*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Gnephosis tenuissima*, *Gonocarpus nodulosus*, *Goodenia occidentalis*, *Hyalosperma demissum*, *Hydrocotyle pilifera* var. *glabrata*, *Hydrocotyle rugulosa*, **Hypochaeris glabra*, *Levenhookia stipitata*, *Millotia myosotidifolia*, **Monoculus monstrosus*, *Nicotiana rotundifolia*, *Parietaria debilis*, *Phyllangium sulcatum*, *Plantago cunninghamii*,

Prasophyllum sp., *Quinetia urvillei*, *Rhodanthe manglesii*, *Senecio glossanthus*, *Siloxerus multiflorus*, *Stackhousia monogyna*, *Synaptantha tillaeacea*, *Thelymitra antennifera*, *Thelymitra* sp., *Thysanotus patersonii*, *Thysanotus speckii*, *Trachymene ornata*, **Ursinia anthemoides*, *Velleia rosea*, *Wahlenbergia gracilentata*

Ferns: *Cheilanthes adiantoides*, *Phylloglossum drummondii*

Sedges/rushes/sedge-like herbs: *Centrolepis aristata*, *Centrolepis polygyna*, *Isolepis congrua*, *Schoenus nanus*, *Triglochin isingiana*

Adjacent:

Shrubs: *Olearia* sp., *Sida calyxhymenia*

Herbs: *Goodenia berardiana*, **Parentucellia latifolia*, *Rhodanthe spicata*

Quadrat WSWA D2

Vegetation: *Acacia duriuscula* Open Tall Shrubland over *Malleostemon tuberculatus*, *Acacia cerastes* Open Shrubland over *Grevillea levis* Open Low Shrubland over *Austrostipa* sp., *Eriachne ovata* Open Grassland and *Borya constricta*, *Stackhousia monogyna* (& numerous annual herbs) Closed Herbland.

GPS location (WGS 84): 29° 40.653' S 117° 01.540' E

Location: Base of St Joseph's Well granites on W side of track

Date Sampled: 24/08/2008

Land System: Bandy

Topographic position: Footslope of granite dome

Site description: Gentle N slope at base of granite outcrop, seasonally wet. Orange red sandy loam.

Vegetation Condition: Very Good

Trees: *Acacia acuminata*

Shrubs: *Acacia cerastes*, *Acacia duriuscula*, *Dodonaea inaequifolia*, *Eremophila serrulata*, *Grevillea levis*, *Hibbertia glomerata*, *Malleostemon tuberculatus*, *Solanum lasiophyllum*

Grasses: *Aristida contorta*, *Austrostipa* sp., *Eriachne ovata*

Herbs: *Blennospora drummondii*, *Borya constricta*, *Brachyscome perpusilla*, *Calandrinia porifera*, *Calandrinia* sp. Blackberry (D.M. Porter 171) PN, *Chthonocephalus pseudevax*, *Crassula closiana*, *Crassula colorata* var. *acuminata*, **Cuscuta planiflora*, *Cyanicula amplexans*, *Dichopogon capillipes*, *Drosera bulbosa*, *Drosera glanduligera*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Euphorbia drummondii*, *Gnephosis angianthoides*, *Gnephosis tenuissima*, *Gonocarpus nodulosus*, *Goodenia occidentalis*, *Hyalosperma demissum*, *Hydrocotyle pilifera* var. *glabrata*, **Hypochaeris glabra*, *Millotia perpusilla*, *Myriocephalus pygmaeus*, *Nicotiana rotundifolia*, *Opercularia vaginata*, **Parentucellia latifolia*, *Podolepis lessonii*, *Prasophyllum gracile*, *Ptilotus gaudichaudii* var. *parviflorus*, *Rhodanthe manglesii*, *Schoenia cassiniana*, *Stackhousia monogyna*, *Synaptantha tillaeacea*, *Thelymitra antennifera*, *Thysanotus* sp., *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Thysanotus speckii*, *Trachymene ornata*, *Trachymene* sp., **Ursinia anthemoides*, *Velleia rosea*

Ferns: *Cheilanthes sieberi* subsp. *sieberi*

Sedges/rushes/sedge-like herbs: *Centrolepis humillima*, *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN

Adjacent:

Trees: *Acacia* sp. narrow phyllode (B.R. Maslin 7831) PN

Shrubs: *Leptosema aphyllum*, *Melaleuca radula*, *Mirbelia cordifolia* MS

Grasses: *Austrostipa elegantissima*, *Austrostipa variabilis*

Herbs: *Waitzia acuminata* var. *acuminata*

Quadrat WSWA D3

Vegetation: *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Acacia acuminata* Low Woodland over *Melaleuca radula* Tall Shrubland over *Dichopogon capillipes*, *Nicotiana rotundifolia* Very Open Herbland and *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) Closed Sedgeland.

GPS location (WGS 84): 29° 40.616' S 117° 01.512' E

Location: Drainage line on N edge of St Joseph's Well granites on W side of track

Date Sampled: 24/08/2008

Land System: Bandy

Topographic position: Slope and drainage line below granite dome

Site description: Gentle N slope along drainage line below granite outcrop. Moderately drained brown sandy loam, seasonally wet.

Vegetation Condition: Excellent

Trees: *Acacia acuminata*, *Allocasuarina acutivalvis* subsp. *acutivalvis*

Shrubs: *Melaleuca radula*

Herbs: *Borya sphaerocephala*, *Brachyscome perpusilla*, *Caladenia roei*, *Calandrinia eremaea*, *Calotis multicaulis*, *Crassula closiana*, *Crassula colorata* var. *acuminata*, *Cyanicula amplexans*, *Dichopogon capillipes*, *Drosera glanduligera*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Euphorbia drummondii*, *Gonocarpus nodulosus*, *Hydrocotyle pilifera* var. *glabrata*, *Hydrocotyle rugulosa*, **Hypochaeris glabra*, *Isoetopsis graminifolia*, *Lawrencella rosea*, *Lobelia anceps*, *Nicotiana rotundifolia*, **Parentucellia latifolia*, *Parietaria debilis*, *Phyllangium sulcatum*, *Podolepis lessonii*, *Rhodanthe laevis*, *Rhodanthe manglesii*, *Rhodanthe spicata*, *Schoenia cassiniana*, *Senecio glossanthus*, *Siloxerus multiflorus*, *Thysanotus patersonii*, *Trachymene ornata*, *Velleia rosea*

Ferns: *Cheilanthes adiantoides*

Sedges/rushes/sedge-like herbs: *Centrolepis aristata*, *Lepidosperma* sp. Blue Hills (A. Markey & S. Dillon 3468) PN, *Schoenus nanus*

Adjacent:

Shrubs: *Acacia effusifolia*, *Grevillea levis*, *Solanum lasiophyllum*

Grasses: *Aristida holathera* var. *holathera*

Herbs: *Chthonocephalus pseudevax*, *Ptilotus gaudichaudii*

Quadrat WSWA D4

Vegetation: *Acacia ramulosa* Tall Shrubland over *Senna* sp. Austin (A. Strid 20210), *Acacia* sp. narrow phyllode (B.R. Maslin 7831) PN Open Shrubland over *Ptilotus obovatus* var. *obovatus* Low Shrubland over a mixed species Herbland.

GPS location (WGS 84): 29° 40.556' S 117° 01.526' E

Location: Flat above dam N of St Joseph's Well granites on W side of track

Date Sampled: 24/08/2008

Land System: Bandy

Topographic position: ?

Site description: Reddish brown sandy loam flat.

Vegetation Condition: Excellent

Shrubs: *Acacia ramulosa*, *Acacia* sp. narrow phyllode (B.R. Maslin 7831) PN, *Eremophila clarkei*, *Grevillea levis*, *Ptilotus obovatus* var. *obovatus*, *Santalum spicatum*, *Senna charlesiana*, *Senna* sp. Austin (A. Strid 20210) PN, *Solanum lasiophyllum*

Herbs: **Arctotheca calendula*, *Arthropodium curvipes*, *Blennospora drummondii*, *Brunonia australis*, *Caesia* sp. Wongan (K.F. Kenneally 8820) PN, *Calandrinia* aff. *eremaea*, *Calandrinia eremaea*, *Calandrinia* sp. Blackberry (D.M. Porter 171) PN, *Calotis multicaulis*, *Chthonocephalus pseudevax*, *Crassula colorata*, **Cuscuta planiflora*, *Drosera bulbosa*, *Drosera macrantha* subsp. *macrantha*, *Dysphania melanocarpa* forma *melanocarpa*, *Erodium cygnorum*, *Hyalochlamys globifera*, *Hyalosperma glutinosum* subsp. *venustum*, *Isoetopsis graminifolia*, *Millotia myosotidifolia*, **Monoculus monstrosus*, *Nicotiana rotundifolia*, *Podolepis capillaris*, *Podolepis lessonii*, *Pogonolepis stricta*, *Rhodanthe spicata*, *Schoenia cassiniana*, *Senecio glossanthus*, *Trachymene ornata*, *Velleia rosea*, *Waitzia acuminata* var. *acuminata*

Ferns: *Cheilanthes sieberi* subsp. *sieberi*

Quadrat WSWA W1

Vegetation: Regrowth *Acacia* sp. Goodlands (B.R. Maslin 7761), *Grevillea didymobotrya* subsp. *didymobotrya*, *Hakea invaginata*, *Platysace* sp. Open Low Shrubland over *Triodia rigidissima* Very Open Grassland and *Lepidobolus preissianus*, *Chrysitrix distigmata* Very Open Sedgeland.

GPS location (WGS 84): 29° 31.080' S 117° 01.256' E

Location: Between 7 Mile Well and Granite Well, 10 m S of track

Date Sampled: 12/07/2008, 25/08/2008, **11/10/2008**

Land System: Bannar

Topographic position:

Site description: Broad very gentle NNE slope, pale yellow sand. Regrowth after fire of 2003/04.

Vegetation Condition: Pristine-Excellent

Trees: *Acacia* sp. Goodlands (B.R. Maslin 7761)

Mallees: *Eucalyptus horistes*

Shrubs: *Acacia formidabilis*, *Acacia* sp., *Aluta aspera*, *Baekkea elderiana*, *Codonocarpus cotinifolius*, *Cryptandra apetala*, *Cryptandra micrantha*, *Darwinia capitellata*, *Dicrastylis soliparma*, *Enekbatus longistylus* MS, *Grevillea didymobotrya* subsp. *didymobotrya*, *Grevillea eriostachya/excelsior*, *Hakea invaginata*, *Halgania integerrima*, *Hemigenia* sp., *Jacksonia arida*, *Leucopogon* sp. Coolgardie (M. Hislop & F. Hort MH 3197) PN, *Mirbelia cordifolia* MS, *Platysace* sp., *Prostanthera campbellii*, *Psammomoya implexa*, *Verticordia interioris*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Triodia rigidissima*

Herbs: *Brunonia* sp. Goldfields (K.R. Newbey 6044) PN, *Dianella revoluta* var. *divaricata*, *Gnephosis tenuissima*, *Goodenia occidentalis*, *Podolepis canescens*, *Scaevola hamiltonii*, *Stylidium arenicola*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Trachymene ornata*, *Waitzia acuminata* var. *acuminata*

Sedges/rushes/sedge-like herbs: *Chrysitrix distigmata*, *Lepidobolus preissianus*, *Schoenus subaphyllus*

Adjacent:

Trees: *Acacia burkittii*, *Acacia* sp. Goodlands (B.R. Maslin 7761)

Mallees: *Eucalyptus* sp.

Shrubs: *Acacia assimilis* subsp. *assimilis*, *Acacia heteroneura* var. *jutsonii*, *Acacia longispinea*, *Cheiranthra filifolia*, *Comesperma integerrimum*, *Prostanthera eckersleyana*, *Verticordia chrysantha*

Herbs: *Brachyscome iberidifolia*, *Lechenaultia macrantha*

Quadrat WSWA W2

Vegetation: Regrowth *Eucalyptus ewartiana* Open Tree Mallee over *Codonocarpus cotinifolius* Open Low Woodland over *Grevillea hakeoides* subsp. *stenophylla*, *Acacia nigripilosa* Shrubland over *Halgania integerrima*, *Cryptandra apetala* Low Shrubland over *Triodia rigidissima* Very Open Grassland.

GPS location (WGS 84): 29° 31.590' S 117° 01.314' E

Location: 1.21 km S of 7 Mile Well on track to Breakaway Well, 15 m N of track

Date Sampled: **11/10/2008**

Land System: Bannar

Topographic position:

Site description: Broad gentle W slope, red yellow loamy sand. Regrowth after fire of 2003/04.

Vegetation Condition: Excellent

Trees: *Acacia* sp. Goodlands (B.R. Maslin 7761), *Codonocarpus cotinifolius*

Mallees: *Eucalyptus ewartiana*, *Eucalyptus horistes*

Shrubs: *Acacia acuaria*, *Acacia colletioides*, *Acacia ligulata*, *Acacia nigripilosa*, *Acacia prainii*, *Bossiaea walkeri*, *Calytrix* sp. Paynes Find (F. & J. Hort 1188) PN, *Cheiranthra simplicifolia*, *Comesperma integerrimum*, *Cryptandra apetala*, *Eremophila caperata*, *Eremophila glabra* subsp. *elegans*, *Grevillea hakeoides* subsp. *stenophylla*, *Halgania integerrima*, *Jacksonia arida*

Grasses: *Austrostipa scabra*, *Monachather paradoxus*, *Triodia rigidissima*

Herbs: *Calandrinia remota*, *Dianella revoluta* var. *divaricata*, *Goodenia berardiana*, *Opercularia spermacoea*, *Podolepis canescens*, *Podolepis capillaris*, *Ptilotus drummondii*, *Stylidium* sp., *Trachymene cyanopetala*, *Velleia cynopotamica*, *Waitzia acuminata* var. *acuminata*

Adjacent:

Shrubs: *Grevillea didymobotrya* subsp. *didymobotrya*, *Mirbelia ramulosa*

Herbs: *Brunonia australis*, *Glischrocaryon flavescens*, *Schoenia cassiniana*, *Stenopetalum filifolium*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Velleia rosea*

Sedges/rushes/sedge-like herbs: *Schoenus subaphyllus*

Quadrat WSWA W3

Vegetation: *Callitris columellaris* Open Low Woodland over *Cryptandra imbricata*, *Bossiaea walkeri*, *Hakea recurva* Open Shrubland.

GPS location (WGS 84): 29° 31.887' S 117° 01.479' E

Location: Ca 1.7 km S of 7 Mile Well on track to Breakaway Well, 39 m E of track

Date Sampled: 11/10/2008

Land System: Bannar

Topographic position: Midslope washplain

Site description: Reddish orange brown sandy loam flat.

Vegetation Condition: Excellent

Trees: *Acacia acuminata*, *Callitris columellaris*

Shrubs: *Bossiaea walkeri*, *Cheiranthra simplicifolia*, *Comesperma integerrimum*, *Cryptandra imbricata*, *Enchylaena lanata*, *Hakea recurva*, *Olearia* aff. *humilis*, *Olearia pimeleoides*, *Persoonia pentasticha*, *Philotheca tomentella*, *Rhagodia* sp. Watheroo (R.J. Cranfield & P.J. Spencer 8183) PN, *Senna artemisioides* subsp. *filifolia*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima*, *Austrostipa scabra*, *Monachather paradoxus*, *Triodia rigidissima*

Herbs: *Arthropodium dyeri*, *Bellida graminea*, *Brunonia australis*, *Calandrinia translucens*, *Calocephalus multiflorus*, *Calotis hispidula*, *Dianella revoluta* var. *divaricata*, *Erodium cygnorum*, *Goodenia occidentalis*, *Lawrencella rosea*, *Rhodanthe chlorocephala* subsp. *splendida*, *Schoenia cassiniana*, *Stenopetalum filifolium*, *Trachymene ornata*, *Velleia hispida*, *Velleia* sp., *Waitzia acuminata* var. *acuminata*

Adjacent:

Shrubs: *Acacia acuaria*, *Acacia tetragonophylla*, *Maireana thesioides*

Herbs: *Brachyscome iberidifolia*, *Gilberta tenuifolia*, *Ptilotus gaudichaudii* var. *parviflorus*

Quadrat WSWA W4

Vegetation: *Acacia effusifolia*, *Baeckea benthamii* ms Open Scrub over *Aluta aspera* subsp. *hesperia* Shrubland over *Darwinia capitellata* Open Low Shrubland over *Brunonia australis*, *Velleia cynopotamica*, *Waitzia acuminata* var. *acuminata* Open Herbland.

GPS location (WGS 84): 29° 32.766' S 117° 01.642' E

Location: 3.08 km S of 7 Mile Well on track to Breakaway Well, 25 m E of track

Date Sampled: 11/10/2008

Land System: Bannar

Topographic position: Midslope washplain

Site description: Gently NW sloping yellow brown sandy loam plain with a surface scatter of laterite pebbles. Long unburnt with multiple shrub layers.

Vegetation Condition: Excellent

Shrubs: *Acacia effusifolia*, *Aluta aspera* subsp. *hesperia*, *Baekkea benthamii* MS, *Cheiranthra simplicifolia*, *Darwinia capitellata*, *Hakea recurva*, *Malleostemon tuberculatus*, *Wrixonia prostantheroides*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Aristida holathera* var. *holathera*, *Monachather paradoxus*

Herbs: *Bellida graminea*, *Brachyscome iberidifolia*, *Brunonia australis*, *Calandrinia* sp., *Cuscuta* sp., *Dianella revoluta* var. *divaricata*, *Drosera macrantha* subsp. *macrantha*, *Erodium cygnorum*, *Gilberta tenuifolia*, *Gnephosis* sp., *Goodenia occidentalis*, *Levenhookia leptantha*, *Schoenia cassiniana*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Trachymene cyanopetala*, *Trachymene ornata*, *Velleia cynopotamica*, *Velleia rosea*, *Waitzia acuminata* var. *acuminata*

Ferns: *Cheilanthes adiantoides*

Sedges/rushes/sedge-like herbs: *Ecdeiocolea monostachya*

Adjacent:

Mallees: *Eucalyptus leptopoda* subsp. *arctata*

Shrubs: *Acacia tetragonophylla*, *Hibbertia stenophylla*, *Homalocalyx thryptomenoides*, *Philotheca deserti* subsp. *deserti*, *Prostanthera althoferi* subsp. *althoferi*

Herbs: *Myriocephalus gueriniae*

Quadrat WSWA X1 (fire regrowth to compare with WSWA X2)

Vegetation: *Eucalyptus leptopoda* Very Open Shrub Mallee over *Acacia resinimarginea* Closed Scrub over *Westringia cephalantha*, *Phebalium canaliculatum* Open Low Shrubland.

GPS location (WGS 84): 29° 36.867' S 117° 02.088' E

Location: Between Breakaway Well and Brown Well, 10 m E of track

Date Sampled: 11/10/2008

Land System: Joseph

Topographic position:

Site description: Light red brown sandplain. Fire regrowth.

Vegetation Condition: Pristine-Excellent

Trees: *Acacia* aff. *jennerae*, *Acacia anthochaera*, *Grevillea juncifolia* subsp. *temulenta*

Mallees: *Eucalyptus leptopoda*

Shrubs: *Acacia colletioides*, *Acacia effusifolia*, *Acacia longispinea*, *Acacia resinimarginea*, *Acacia stereophylla* var. *stereophylla*, *Aluta aspera*, *Grevillea extorris*, *Hibbertia arcuata*, *Melaleuca leiocarpa*, *Phebalium canaliculatum*, *Westringia cephalantha*

Grasses: *Amphipogon caricinus* var. *caricinus*

Herbs: *Bellida graminea*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Waitzia acuminata* var. *acuminata*

Adjacent:

Shrubs: *Melaleuca atroviridis*

Quadrat WSWA X2

Vegetation: *Eucalyptus subangusta* Very Open Tree Mallee over *Acacia effusifolia*, *Acacia* sp. Closed Scrub over *Philotheca tomentella*, *Acacia* sp. Low Shrubland over *Waitzia acuminata* var. *acuminata* Very Open Herbland.

GPS location (WGS 84): 29° 36.937' S 117° 02.099' E

Location: Ca 3.9 km S of Breakaway Well towards Brown Well, E of track

Date Sampled: 25/08/2008, 11/10/2008

Land System: Joseph

Topographic position:

Site description: Gentle N slope on sandplain, red yellow sandy loam.

Vegetation Condition: Excellent

Mallees: *Eucalyptus subangusta*

Shrubs: *Acacia colletioides*, *Acacia effusifolia*, *Acacia longispinea*, *Eremophila caperata*, *Melaleuca leiocarpa*, *Phebalium canaliculatum*, *Philotheca brucei*, *Philotheca glabra*, *Philotheca tomentella*

Grasses: *Austrostipa elegantissima*

Herbs: *Bellida graminea*, *Brunonia* sp. Goldfields (K.R. Newbey 6044) PN, *Calocephalus multiflorus*, *Dianella revoluta* var. *divaricata*, *Erodium cygnorum*, *Goodenia pusilliflora*, *Lawrencella davenportii*, *Pterostylis* sp., *Stenopetalum filifolium*, *Trachymene cyanopetala*, *Trachymene ornata*, *Waitzia acuminata* var. *acuminata*

Adjacent:

Shrubs: *Aluta aspera*, *Baeckea benthamii* MS, *Eremophila decipiens* subsp. *decipiens*, *Hibbertia arcuata*, *Melaleuca eleuterostachya*

Grasses: *Amphipogon caricinus* var. *caricinus*

Quadrat WSWA X3

Vegetation: *Eucalyptus kochii* subsp. *amaryssia* Very Open Shrub Mallee over *Acacia ramulosa* Shrubland over *Brunonia australis*, *Waitzia acuminata* var. *acuminata* Very Open Herbland.

GPS location (WGS 84): 29° 37.736' S 117° 02.174' E

Location: Brown Well intersection on NW corner, 5 m W of track

Date Sampled: 11/10/2008

Land System: Joseph

Topographic position:

Site description: Yellow brown sandy loam flat.

Vegetation Condition: Excellent

Mallees: *Eucalyptus kochii* subsp. *amaryssia*

Shrubs: *Acacia acuaria*, *Acacia ramulosa*, *Acacia* sp., *Alyxia buxifolia*, *Baeckea benthamii* MS, *Comesperma integerrimum*, *Eremophila clarkei*, *Hakea recurva*, *Melaleuca leiocarpa*, *Melaleuca uncinata*, *Olearia* aff. *humilis*, *Olearia pimeleoides*, *Philotheca deserti* subsp. *deserti*, *Philotheca glabra*, *Philotheca tomentella*, *Santalum acuminatum*, *Scaevola spinescens*, *Solanum nummularium*, *Wrixonia prostantheroides*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Austrostipa elegantissima*, *Monachather paradoxus*

Herbs: *Brunonia australis*, *Brunonia* sp. Goldfields (K.R. Newbey 6044) PN, **Cuscuta planiflora*, *Dianella revoluta* var. *divaricata*, *Gilberta tenuifolia*, *Goodenia occidentalis*, *Lawrencella rosea*, *Nicotiana rotundifolia*, *Ptilotus drummondii*, *Stylidium warriedarensense*, *Trachymene cyanopetala*, *Velleia cynopotamica*, *Velleia rosea*, *Waitzia acuminata* var. *acuminata*

Ferns: *Cheilanthes adiantoides*

Adjacent:

Trees: *Callitris columellaris*

Herbs: *Lobelia rarifolia*

Quadrat WSWA X4

Vegetation: *Eucalyptus loxophleba* Open Forest over *Olearia dampieri* ms, *Calytrix* sp. Paynes Find (F. & J. Hort 1188) Low Shrubland over *Aristida holathera* var. *holathera*, *Austrostipa elegantissima* Very Open Grassland and *Lomandra effusa* Open Herbland.

GPS location (WGS 84): 29° 38.472' S 116° 58.600' E

Location: Between Smith Well and Brown Well, 20 m S of track

Date Sampled: 12/10/2008

Land System: Pindar

Topographic position:

Site description: Gentle NW slope, yellow brown sandy loam. Long unburnt Woodland.

Vegetation Condition: Excellent

Trees: *Eucalyptus loxophleba*

Shrubs: *Acacia acuaria*, *Calytrix* sp. Paynes Find (F. & J. Hort 1188) PN, *Enchylaena lanata*, *Olearia dampieri* MS, *Rhagodia* sp. Watheroo (R.J. Cranfield & P.J. Spencer 8183) PN

Grasses: *Aristida holathera* var. *holathera*, *Austrodanthonia caespitosa*, *Austrostipa elegantissima*, *Austrostipa trichophylla*, **Pentaschistis airoides* subsp. *airoides*

Herbs: *Brachyscome iberidifolia*, *Calandrinia eremaea*, *Crassula colorata* var. *colorata*, *Crassula* sp., *Dianella revoluta* var. *divaricata*, *Dichopogon tyleri*, *Erodium cygnorum*, *Gnephosis tenuissima*, *Hydrocotyle pilifera* var. *glabrata*, *Lawrencella davenportii*, *Lepidium* sp., *Lomandra effusa*, *Nicotiana rotundifolia*, *Podolepis capillaris*, *Podotheca gnaphalioides*, *Ptilotus gaudichaudii*, *Stenopetalum filifolium*, *Thysanotus speckii*, *Trachymene pilosa*, *Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN, *Velleia cynopotamica*, *Waitzia acuminata* var. *acuminata*

Adjacent:

Shrubs: *Alyxia buxifolia*, *Exocarpos aphyllus*, *Mirbelia ramulosa*, *Olearia muelleri*, *Philotheca deserti* subsp. *deserti*, *Senna stowardii*, *Solanum nummularium*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Monachather paradoxus*

Herbs: *Brunonia australis*, *Cephalopterum drummondii*, *Levenhookia stipitata*, *Lobelia winfridae*, *Pterostylis* sp., *Ptilotus drummondii*, *Ptilotus exaltatus* var. *villosus*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN

Quadrat WSWA X5

Vegetation: *Eucalyptus horistes* Very open Shrub Mallee over *Acacia sibina* Open Heath over *Melaleuca stereophloia*, *Prostanthera eckersleyana*, *Hemigenia buccinata* Low Shrubland over *Ecdeiocolea monostachya* Very Open Sedgeland.

GPS location (WGS 84): 29° 37.821' S 116° 58.059' E

Location: Ca 1.07 km N of Smith Well towards Homestead, 14 paces W of track

Date Sampled: 11/10/2008

Land System: Pindar

Topographic position:

Site description: Yellow sandy loam flat. Fire regrowth from 2002 fire.

Vegetation Condition: Excellent

Mallees: *Eucalyptus horistes*

Shrubs: *Acacia prainii*, *Acacia sibina*, *Cryptandra apetala*, *Hakea invaginata*, *Halgania integerrima*, *Hemigenia buccinata*, *Homalocalyx thryptomenoides*, *Malleostemon tuberculatus*, *Melaleuca stereophloia*, *Mirbelia depressa*, *Platysace commutata*, *Prostanthera eckersleyana*, *Stenanthemum poicilum*

Grasses: *Amphipogon caricinus* var. *caricinus*

Herbs: *Dianella revoluta* var. *divaricata*, *Lobelia rarifolia*, *Ptilotus drummondii* var. *drummondii*, *Tricoryne* sp. Morawa (G.J. Keighery & N. Gibson 6759) PN, *Waitzia acuminata* var. *acuminata*

Sedges/rushes/sedge-like herbs: *Chrysitrix distigmatosa*, *Ecdeiocolea monostachya*

Adjacent:

Shrubs: *Cheiranthra filifolia*, *Melaleuca eleuterostachya*, *Phebalium canaliculatum*

Herbs: *Stenopetalum filifolium*

Site X5RV

Vegetation: Herbland on road verge adjoining *Eucalyptus horistes* Very Open Shrub Mallee.

GPS location (WGS 84): 29° 37.822' S 116° 58.058' E

Location: Road verge adjacent to Quadrat WSWA X5, ca 1.07 km N of Smith Well towards Homestead

Date Sampled: 11/10/2008

Land System: Pindar

Site Description: Road verge receiving extra run-off in a yellow sandy loam flat. Area burnt in 2002.

Grasses: *Austrostipa scabra*, *Monachather paradoxus*

Herbs: *Actinobole uliginosum*, *Actinotus* sp. Comet Vale (A.V. Milewski AVM 1093) PN, *Bellida graminea*, *Calandrinia* sp. Bungalbin (G.J. Keighery & N. Gibson 1656) PN, *Calotis hispidula*, *Ceratogyne obionoides*, *Dampiera incana* var. *fuscescens*, *Lechenaultia macrantha*, *Nicotiana rotundifolia*, *Podotheca angustifolia*, *Poranthera microphylla*, *Ptilotus gaudichaudii* var. *parviflorus*, *Trachymene ornata*, *Trachymene pilosa*, *Velleia rosea*

Quadrat WSWA Y1

Vegetation: *Melaleuca atroviridis*, *Grevillea* sp., *Anthotroche pannosa* Open Shrubland over a mixed Open Low Shrubland over *Amphipogon caricinus* var. *caricinus* Very Open Grassland with emergent *Eucalyptus leptopoda* subsp. *arctata* and *E. loxophleba*.

GPS location (WGS 84): 29° 35.942' S 116° 56.014' E

Location: Between Sunset Granites and Salmon Gums, 16 m N of track to E corner of quadrat

Date Sampled: 12/10/2008

Land System: Joseph

Topographic position:

Site description: Gentle NW slope, well drained yellowish brown loamy sand. Shrublands recovered strongly from fire but not yet fruiting.

Vegetation Condition: Pristine

Trees: *Eucalyptus loxophleba*

Mallees: *Eucalyptus leptopoda* subsp. *arctata*

Shrubs: *Acacia assimilis* subsp. *assimilis*, *Anthotroche pannosa*, *Cheiranthra filifolia*, *Hakea francisiana*, *Hibbertia arcuata*, *Keraudrenia velutina* subsp. *velutina*, *Leptosema daviesioides*, *Melaleuca atroviridis*, *Melaleuca cordata*, *Melaleuca fabri*, *Melaleuca uncinata*, *Philotheca deserti* subsp. *deserti*, *Scaevola restiacea* subsp. *restiacea*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Monachather paradoxus*

Herbs: *Brunonia* sp. Goldfields (K.R. Newbey 6044) PN, *Calocephalus multiflorus*, *Glischrocaryon flavescens*, *Goodenia occidentalis*, *Monotaxis bracteata*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29) PN, *Velleia cynopotamica*, *Waitzia acuminata* var. *acuminata*

Adjacent:

Trees: *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Grevillea juncifolia* subsp. *temulenta*

Shrubs: *Acacia longispinea*, *Aluta aspera* subsp. *hesperia*, *Baekkea benthamii* MS, *Comesperma integerrimum*, *Dodonaea adenophora*, *Grevillea paradoxa*, *Grevillea pterosperma*, *Prostanthera eckersleyana*

Herbs: *Gilberta tenuifolia*, *Lechenaultia macrantha*, *Monotaxis* sp., *Podolepis canescens*, *Velleia rosea*

Quadrat WSWA Y2

Vegetation: *Eucalyptus salmonophloia* Woodland over *Eremophila oldfieldii* subsp. *oldfieldii* Open Tall Shrubland over *Maireana georgii*, *Maireana trichoptera*, *Atriplex paludosa* subsp. *moquiniana*, *Sclerolaena diacantha* Low Shrubland.

GPS location (WGS 84): 29° 36.538' S 116° 55.273' E

Location: At Salmon Gums corner 25 m S of track

Date Sampled: 12/10/2008

Land System: Euchre

Topographic position: Upper stripped washslope below a breakaway.

Site description: Gentle SW slope. Red brown sandy loam over clay with scattered coarse sand on surface.

Vegetation Condition: Excellent

Trees: *Eremophila oldfieldii* subsp. *oldfieldii*, *Eucalyptus salmonophloia*

Shrubs: *Acacia andrewsii*, *Acacia erinacea*, *Atriplex paludosa* subsp. *moquiniana*, *Daviesia horrida*, *Enchylaena lanata*, *Maireana georgei*, *Maireana tomentosa* subsp. *tomentosa*, *Olearia muelleri*, *Rhagodia drummondii*

Grasses: *Austrostipa elegantissima*

Herbs: *Actinobole uliginosum*, *Calandrinia eremaea*, *Hyalosperma glutinosum* subsp. *glutinosum*, *Lepidium oxytrichum*, *Maireana carnosae*, *Maireana trichoptera*, *Ptilotus exaltatus*, *Sclerolaena diacantha*

Adjacent:

Trees: *Acacia anthochaera*, *Eucalyptus loxophleba*

Shrubs: *Eremophila oppositifolia*, *Exocarpos aphyllus*, *Maireana thesioides*, *Melaleuca eleuterostachya*, *Ptilotus obovatus* var. *obovatus*, *Senna* sp. Austin (A. Strid 20210) PN

Herbs: *Calandrinia* sp. ridged papillate (M. Hislop & E. Hudson MH161) PN, *Calocephalus multiflorus*, *Crassula colorata* var. *colorata*, *Dichopogon tyleri*, *Gilruthia osbornei*, *Gunniopsis rubra*, *Ptilotus gaudichaudii*, *Sclerolaena drummondii*, *Trachymene cyanopetala*, *Trachymene ornata*, *Zygophyllum ovatum*

Quadrat WSWA Y3

Vegetation: *Eucalyptus loxophleba* Open Low Woodland over *Eucalyptus subangusta* subsp. *pusilla* Shrub Mallee over *Eremophila oppositifolia*, *Melaleuca uncinata*, *Acacia acuminata*, *Dodonaea inaequifolia* Open Tall Shrubland over *Acacia andrewsii*, *Philotheca brucei* subsp. *brucei* Open Shrubland.

GPS location (WGS 84): 29° 36.781' S 116° 54.923' E

Location: On track heading W of Salmon Gums towards property boundary, 20 m N of track

Date Sampled: 12/10/2008

Land System: Euchre

Topographic position: Midslope washplains

Site description: Very gentle ESE slope. Moderately drained orange brown sandy loam and clay with covering of lichen.

Vegetation Condition: Pristine

Trees: *Eucalyptus loxophleba*

Mallees: *Eucalyptus subangusta* subsp. *pusilla*

Shrubs: *Acacia acuminata*, *Acacia andrewsii*, *Acacia erinacea*, *Dodonaea inaequifolia*, *Enchylaena lanata*, *Eremophila clarkei*, *Eremophila oppositifolia*, *Hakea recurva*, *Maireana planifolia*, *Melaleuca uncinata*, *Olearia muelleri*, *Philotheca brucei* subsp. *brucei*, *Ptilotus obovatus* var. *obovatus*, *Rhagodia drummondii*, *Senna* sp. Austin (A. Strid 20210) PN

Grasses: *Austrodanthonia caespitosa*, *Austrostipa elegantissima*

Herbs: *Arthropodium dyeri*, *Calandrinia* sp. Blackberry (D.M. Porter 171) PN, *Maireana marginata*, *Podolepis lessonii*, *Ptilotus gaudichaudii*, *Schoenia cassiniana*, *Sclerolaena diacantha*, *Trachymene ornata*, *Velleia rosea*

Adjacent:

Trees: *Acacia anthochaera*

Shrubs: *Allocasuarina campestris*, *Cheiranthra simplicifolia*, *Comesperma integerrimum*, *Eremophila* sp., *Hibbertia arcuata*, *Maireana thesioides*, *Santalum acuminatum*, *Senna charlesiana*, *Solanum lasiophyllum*

Grasses: *Amphipogon caricinus* var. *caricinus*

Herbs: *Gilruthia osbornei*, *Maireana carnosae*, *Poranthera microphylla*, *Sclerolaena fusiformis*, *Waitzia acuminata* var. *acuminata*

Quadrat WSWA Y4

Vegetation: *Acacia inceana* subsp. *conformis*, *A. stereophylla* subsp. *stereophylla*, *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Keraudrenia velutina* subsp. *velutina* Open Heath over *Monotaxis bracteata*, *Hibbertia glomerata* Low Shrubland over *Amphipogon caricinus* var. *caricinus* Very Open Grassland and *Waitzia acuminata* var. *acuminata*, *Glischrocaryon flavescens* Very Open Herbland.

GPS location (WGS 84): 29° 36.870' S 116° 54.103' E

Location: On S side of track heading to Redhand Breakaway, 2.02 km W of Salmon Gums corner

Date Sampled: 12/10/2008

Land System: Joseph

Topographic position:

Site description: Well drained brown sandy loam flat. Burnt 2000/01.

Vegetation Condition: Excellent

Trees: *Acacia* sp. Goodlands (B.R. Maslin 7761), *Grevillea juncifolia* subsp. *temulenta*

Shrubs: *Acacia inceana* subsp. *conformis*, *Acacia longispinea*, *Acacia neurophylla* subsp. *erugata*, *Acacia* sp., *Acacia stereophylla* var. *stereophylla*, *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Aluta aspera* subsp. *hesperia*, *Hakea francisiana*, *Hakea invaginata*, *Hibbertia arcuata*, *Hibbertia glomerosa*, *Homalocalyx thryptomenoides*, *Keraudrenia velutina* subsp. *velutina*, *Melaleuca cordata*, *Melaleuca fabri*, *Philotheca glabra*, *Pimelea aeruginosa*

Grasses: *Amphipogon caricinus* var. *caricinus*

Herbs: *Brunonia* sp., *Glischrocaryon flavescens*, *Monotaxis bracteata*, *Stylidium confluens*, *Thelymitra villosa*, *Thysanotus patersonii*, *Waitzia acuminata* var. *acuminata*

Adjacent:

Shrubs: *Acacia assimilis* subsp. *assimilis*, *Baeckea benthamii* MS, *Codonocarpus cotinifolius*, *Grevillea excelsior*, *Grevillea paradoxa*, *Grevillea pterosperma*, *Malleostemon roseus*, *Melaleuca nematophylla*

Herbs: *Drosera macrantha* subsp. *macrantha*

The following “**Sites**” were collecting localities for opportunistic collecting of specimens which have been vouchered or included in the herbarium.

Site WSWA Dam

Vegetation: W end of dam is *Acacia ramulosa* Tall Shrubland over a mixed species Herbland and E end is a mixed species Herbland. Collection was made of herbs in open area around the dam.

GPS location (WGS 84): 29° 40.578' S 117° 01.521' E

Location: Around the dam N of St Joseph's Well granites on W side of track and adjacent to Quadrat WSWA D4

Date Sampled: 24/08/2008

Land System: Bandy

Topographic position: Wash slope surrounding dam

Site description: Dam and its surrounds, grey sand over clay.

Grasses: **Ehrharta longiflora*, *Lachnagrostis filiformis*

Herbs: **Arctotheca calendula*, *Brunonia australis*, *Calandrinia eremaea*, *Calandrinia porifera*, *Calandrinia primuliflora*, *Calotis multicaulis*, **Cotula bipinnata*, *Crassula colorata* var. *acuminata*, **Crassula natans*, **Cuscuta planiflora*, *Dysphania melanocarpa* forma *melanocarpa*, **Erodium cicutarium*, *Erodium cygnorum*, **Gnaphalium polycaulon*, *Gonocarpus nodulosus*, **Hypochaeris glabra*, *Marsilea drummondii*, *Millotia myosotidifolia*, **Monoculus monstrosus*, *Myriocephalus pygmaeus*, *Podolepis capillaris*, **Trifolium glomeratum*

Sedges/rushes/sedge-like herbs: *Isolepis cernua* var. *setiformis*, *Juncus* sp., *Schoenus nanus*, *Schoenus sculptus*

Site HS Dam

Vegetation: *Eucalyptus petraea* Open Low Woodland over *Melaleuca leiocarpa*, *M. uncinata*, *M. nematophylla* Open Tall Shrubland over *Thryptomene costata* Open Shrubland over Very Open Herbland.

GPS location (GDA 94): 29° 34.990' S 116° 57.803' E

Location: Homestead dams and surrounds

Date Sampled: 11-12/07/2008, 25/08/2008, **12/10/2008**

Site Description: Red sandy loam around granite and clay around dams

Trees: *Eucalyptus petraea*

Shrubs: *Calycopeplus paucifolius*, *Eremophila latrobei* subsp. *latrobei*, *Hakea preissii*, *Melaleuca leiocarpa*, *Melaleuca nematophylla*, *Melaleuca uncinata*, *Thryptomene costata*

Grasses: **Rostraria pumila*

Herbs: *Actinobole uliginosum*, *Calandrinia porifera*, *Calandrinia* sp. Blackberry (D.M. Porter 171) PN, *Calocephalus multiflorus*, *Crassula colorata* var. *acuminata*, *Dysphania glomulifera* subsp. *eremaea*, *Elatine macrocalyx*, *Gilberta tenuifolia*, *Glossostigma diandrum*, *Haloragis trigonocarpa*, *Helichrysum luteoalbum*, *Marsilea costulifera*, **Monoculus monstrosus*, *Nicotiana rotundifolia*, *Podolepis lessonii*, *Rhodanthe chlorocephala* subsp. *splendida*, *Rhodanthe spicata*

Sedges/rushes/sedge-like herbs: *Isolepis congrua*, **Juncus bufonius*

Site HSTD

Vegetation: Open Low Chenopod Shrubland over Mixed Grassland and Herbland

GPS location (GDA 94): 29° 34.8' S 116° 58' E

Location: Area surrounding the homestead

Date Sampled: 23/08/2008, **12/10/2008**

Site Description: Open paddock area, previously cleared and grazed, adjoining homestead. Orange brown sandy loam flat.

Trees: *Callitris columellaris*, *Grevillea juncifolia* subsp. *temulenta*

Shrubs: *Acacia longispinea*, *Aluta aspera* subsp. *hesperia*, *Enchylaena lanata*, *Ptilotus obovatus* var. *obovatus*, *Senna pleurocarpa*, *Solanum nummularium*

Grasses: *Amphipogon caricinus* var. *caricinus*, *Aristida contorta*, *Austrostipa trichophylla*, *Eriachne pulchella*

Herbs: *Angianthus tomentosus*, *Atriplex semilunaris*, *Calandrinia eremaea*, *Gnephosis* sp. Norseman (K.R. Newbey 8096) PN, *Isoetopsis graminifolia*, *Maireana carnosa*, **Mesembryanthemum nodiflorum*, *Pogonolepis muelleriana*, *Ptilotus gaudichaudii*, *Ptilotus spathulatus* forma *spathulatus*, *Rhodanthe chlorocephala* subsp. *splendida*, *Schoenia cassiniana*, *Sclerolaena gardneri*, **Sisymbrium erysimoides*, *Velleia cynopotamica*

Site NORD

Vegetation: *Malleostemon tuberculatus*, *Acacia acuminata* Open Scrub over a mixed Herbland (Asteraceae dominant)

GPS location (WGS 84): 29° 35.141' S 116° 57.662' E

Location: Area N of rubbish dump behind the homestead

Date Sampled: **12/10/2008**

Site Description: Orange brown sandy loam flat

Shrubs: *Acacia acuminata*, *Acacia duriuscula*, *Acacia ramulosa*, *Calycopeplus paucifolius*, *Eremophila clarkei*, *Keraudrenia velutina* subsp. *velutina*, *Maireana planifolia*, *Malleostemon tuberculatus*, *Melaleuca stereophloia*, *Melaleuca uncinata*, *Ptilotus obovatus* var. *obovatus*, *Solanum lasiophyllum*, *Thryptomene costata*

Grasses: *Aristida holathera* var. *holathera*

Herbs: *Angianthus tomentosus*, *Brachyscome iberidifolia*, *Brunonia australis*, *Calandrinia eremaea*, *Calandrinia primuliflora*, *Calandrinia* sp. ridged papillate (M. Hislop & E. Hudson MH161) PN, *Calotis hispidula*, *Dysphania melanocarpa* forma *melanocarpa*, **Echium plantagineum*, **Emex australis*, *Gnephosis tenuissima*, *Haloragis trigonocarpa*, *Helichrysum luteoalbum*, *Lepidium oxytrichum*, **Malva parviflora*, *Nicotiana rotundifolia*, *Podolepis canescens*, *Podolepis lessonii*, *Pogonolepis muelleriana*, *Ptilotus*

gaudichaudii, *Ptilotus polystachyus*, *Schoenia cassiniana*, *Trachymene ornata*, *Waitzia acuminata* var. *acuminata*

APPENDIX 3: Charles Darwin Reserve specimens collected during the 2007-2008 surveys and lodged at the Western Australian Herbarium by the Wildflower Society

The 489 specimens that have been lodged are listed below. The numbers are the barcodes on the specimens and allow the names of specimens to be tracked on FloraBase. Plants are ordered by genus and species.

07837089 <i>Acacia acuaria</i> W.Fitzg. Coll: Wildflower Society of WA. CDR 17 Date: 28 August 2007	08199639 <i>Acacia formidabilis</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA W 1/16A Date: 25 August 2008
08194394 <i>Acacia acuaria</i> W.Fitzg. Coll: Wildflower Society of WA WSWA W 3/31 Date: 11 October 2008	08197865 <i>Acacia formidabilis</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA W 1/Opp16 Date: 12 July 2008
07837070 <i>Acacia acuminata</i> Benth. Coll: Wildflower Society of WA CDR 18 Date: 29 August 2007	08194521 <i>Acacia heteroneura</i> var. <i>jutsonii</i> (Maiden) R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA W 1/50 Date: 11 October 2008
08194424 <i>Acacia andrewsii</i> W.Fitzg. Coll: Wildflower Society of WA WSWA Y 3/9 Date: 12 October 2008	08197946 <i>Acacia inceana</i> subsp. <i>conformis</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA A 5 Opp/1 Date: 23 August 2008
08194440 <i>Acacia andrewsii</i> W.Fitzg. Coll: Wildflower Society of WA WSWA A 1/3 Date: 23 August 2008	08198160 <i>Acacia</i> aff. <i>jennerae</i> Coll: Wildflower Society of WA WSWA X 1/5 Date: 11 October 2008
08199647 <i>Acacia andrewsii</i> W.Fitzg. Coll: Wildflower Society of WA WSWA A 1/3 Date: 11 July 2008	08199655 <i>Acacia kochii</i> Ewart & Jean White Coll: Wildflower Society of WA WSWA B 6/6 Date: 13 July 2008
08194432 <i>Acacia aneura</i> Benth. Coll: Wildflower Society of WA WSWA B 3/4 Date: 23 August 2008	08194335 <i>Acacia ligulata</i> Benth. Coll: Wildflower Society of WA WSWA W 2/15 Date: 11 October 2008
08194459 <i>Acacia anthochaera</i> Maslin Coll: Wildflower Society of WA WSWA Y 2/35 Date: 12 October 2008	08194343 <i>Acacia longispinea</i> Morrison Coll: Wildflower Society of WA WSWA W 1/51 Date: 11 October 2008
08194467 <i>Acacia assimilis</i> S.Moore subsp. <i>assimilis</i> Coll: Wildflower Society of WA WSWA B 4/6 Date: 23 August 2008	08198357 <i>Acacia mackeyana</i> Ewart & Jean White Coll: Wildflower Society of WA WSWA W Dam/22 Date: 12 October 2008
08197989 <i>Acacia aulacophylla</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA BW Opp/7 Date: 24 August 2008	08194351 <i>Acacia neurophylla</i> subsp. <i>erugata</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA Y 4/20 Date: 12 October 2008
08197938 <i>Acacia</i> aff. <i>baxteri</i> Coll: Wildflower Society of WA WSWA C 2/Opp9 Date: 12 July 2008	08194378 <i>Acacia nigripilosa</i> Maiden Coll: Wildflower Society of WA WSWA W 2/3 Date: 11 October 2008
08194475 <i>Acacia burkittii</i> Benth. Coll: Wildflower Society of WA WSWA W 1/59 Date: 11 October 2008	08194386 <i>Acacia prainii</i> Maiden Coll: Wildflower Society of WA WSWA W 2/19 Date: 11 October 2008
07837062 <i>Acacia cerastes</i> Maslin Coll: Wildflower Society of WA CDR 19 Date: 29 August 2007	08194556 <i>Acacia ramulosa</i> W.Fitzg. Coll: Wildflower Society of WA WSWA B 4/2 Date: 12 October 2008
08194483 <i>Acacia colletioides</i> Benth. Coll: Wildflower Society of WA WSWA X 1/17 Date: 11 October 2008	08199566 <i>Acacia ramulosa</i> W.Fitzg. Coll: Wildflower Society of WA WSWA NORD/22 Date: 12 October 2008
07837526 <i>Acacia duriuscula</i> W.Fitzg. Coll: Wildflower Society of WA CDR 21 Date: 29 August 2007	08194548 <i>Acacia ramulosa</i> W.Fitzg. Coll: Wildflower Society of WA WSWA X 3/5 Date: 11 October 2008
08194491 <i>Acacia effusifolia</i> Maslin & Buscumb Coll: Wildflower Society of WA WSWA C 1/31 Date: 24 August 2008	08194564 <i>Acacia resinimarginea</i> W.Fitzg. Coll: Wildflower Society of WA WSWA X 1/2 Date: 11 October 2008
08194505 <i>Acacia erinacea</i> Benth. Coll: Wildflower Society of WA WSWA Y 2/12 Date: 12 October 2008	08199558 <i>Acacia resinosa</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA W 1/66 Date: 25 August 2008
08194513 <i>Acacia exocarpoidea</i> W.Fitzg. Coll: Wildflower Society of WA WSWA B 2/70 Date: 23 August 2008	08194572 <i>Acacia sibina</i> Maslin Coll: Wildflower Society of WA WSWA X 5/2 Date: 11 October 2008
08194823 <i>Acacia formidabilis</i> R.S.Cowan & Maslin Coll: Wildflower Society of WA WSWA W 1/16 Date: 11 October 2008	

08194580 <i>Acacia</i> sp. Coll: Wildflower Society of WA WSWA X 3/3 Date: 11 October 2008	08174881 <i>Arthropodium curvipes</i> S.Moore Coll: Wildflower Society of WA WSWA D 4/30 Date: 24 August 2008
08194599 <i>Acacia</i> sp. Coll: Wildflower Society of WA WSWA A 1/2 Date: 23 August 2008	08199957 <i>Astroloma serratifolium</i> (DC.) Druce Coll: Wildflower Society of WA WSWA B 3/9 Date: 23 August 2008
07837046 <i>Acacia</i> sp. Goodlands (B.R. Maslin 7761) Coll: Wildflower Society of WA. CDR 20 Date: 28 August 2007	08175330 <i>Atriplex codonocarpa</i> Paul G.Wilson Coll: Wildflower Society of WA WSWA A 4/12 Date: 23 August 2008
08194408 <i>Acacia</i> sp. narrow phyllode (B.R. Maslin 7831) Coll: Wildflower Society of WA WSWA D 2/61 Date: 24 August 2008	08175306 <i>Atriplex holocarpa</i> F.Muell. Coll: Wildflower Society of WA WSWA A 3/4 Date: 23 August 2008
08194416 <i>Acacia</i> sp. narrow phyllode (B.R. Maslin 7831) Coll: Wildflower Society of WA WSWA B 4/49 Date: 23 August 2008	08175292 <i>Atriplex paludosa</i> subsp. <i>moquiniana</i> (Moq.) Parr-Smith Coll: Wildflower Society of WA WSWA A 5/49 Date: 23 August 2008
08194602 <i>Acacia stereophylla</i> Meisn. var. <i>stereophylla</i> Coll: Wildflower Society of WA WSWA Y 4/1a Date: 12 October 2008	08199590 <i>Atriplex semilunaris</i> Aellen Coll: Wildflower Society of WA WSWA HSTD/14 Date: 12 October 2008
08194610 <i>Acacia tetragonophylla</i> F.Muell. Coll: Wildflower Society of WA WSWA W 3/40 Date: 11 October 2008	08175284 <i>Atriplex vesicaria</i> Benth. Coll: Wildflower Society of WA WSWA A 4/41 Date: 23 August 2008
08199531 <i>Acacia tetragonophylla</i> F.Muell. Coll: Wildflower Society of WA WSWA A 2/34 Date: 11 July 2008	08175012 <i>Austrodanthonia caespitosa</i> (Gaudich.) H.P.Linder Coll: Wildflower Society of WA WSWA X 4/15 Date: 12 October 2008
08197911 <i>Acacia tysonii</i> Luehm. Coll: Wildflower Society of WA WSWA Opp/20 Date: 23 August 2008	08174970 <i>Austrostipa blackii</i> (C.E.Hubb.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA C 4/28 Date: 24 August 2008
08194629 <i>Acacia umbraculiformis</i> Maslin & Buscumb Coll: Wildflower Society of WA WSWA B 6/3 Date: 12 October 2008	08175004 <i>Austrostipa elegantissima</i> (Labill.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA X 4/5 Date: 12 October 2008
07828314 <i>Acanthocarpus canaliculatus</i> A.S.George Coll: Wildflower Society of WA CDR 66 Date: 28 August 2007	08174997 <i>Austrostipa exilis</i> (Vickery) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA C 4/19 Date: 24 August 2008
07837453 <i>Actinobole uliginosum</i> (A.Gray) H.Eichler Coll: Wildflower Society of WA CDR 45 Date: 28 August 2007	08175314 <i>Austrostipa nitida</i> (Summerh. & C.E.Hubb.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA A 06/s.n. Date: 12 October 2008
08198373 <i>Actinotus</i> sp. Comet Vale (A.V. Milewski AVM 1093) Coll: Wildflower Society of WA WSWA X 5 RV/37 Date: 11 October 2008	08175357 <i>Austrostipa nitida</i> (Summerh. & C.E.Hubb.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA A 06/54 Date: 12 October 2008
08174067 <i>Allocasuarina acutivalvis</i> (F.Muell.) L.A.S.Johnson Coll: Wildflower Society of WA WSWA B 4/1 Date: 23 August 2008	08175470 <i>Austrostipa nitida</i> (Summerh. & C.E.Hubb.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA A 06/53 Date: 12 October 2008
08200327 <i>Aluta aspera</i> subsp. <i>hesperia</i> Rye & Trudgen Coll: Wildflower Society of WA WSWA B 4/65 Date: 12 October 2008	08174989 <i>Austrostipa scabra</i> (Lindl.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA W 2/27 Date: 11 October 2008
08199868 <i>Aluta aspera</i> subsp. <i>hesperia</i> Rye & Trudgen Coll: Wildflower Society of WA WSWA Y 1/43 Date: 12 October 2008	08174962 <i>Austrostipa scabra</i> (Lindl.) S.W.L.Jacobs & J.Everett Coll: Wildflower Society of WA WSWA X 5 RV/36 Date: 11 October 2008
08175039 <i>Amphipogon caricinus</i> F.Muell. var. <i>caricinus</i> Coll: Wildflower Society of WA WSWA Y 1/6 Date: 12 October 2008	08200122 <i>Baeckea benthamii</i> Trudgen ms Coll: Wildflower Society of WA WSWA W 4/2 Date: 11 October 2008
08198454 <i>Angianthus tomentosus</i> J.C.Wendl. Coll: Wildflower Society of WA WSWA HSTD/11 Date: 12 October 2008	08200335 <i>Baeckea benthamii</i> Trudgen ms Coll: Wildflower Society of WA WSWA W 4/39 Date: 11 October 2008
08199027 <i>Anthotroche pannosa</i> Endl. Coll: Wildflower Society of WA WSWA Y 1/9 Date: 12 October 2008	08200343 <i>Baeckea elderiana</i> E.Pritz. Coll: Wildflower Society of WA WSWA W 1/12 Date: 11 October 2008
08199612 <i>Aristida contorta</i> F.Muell. Coll: Wildflower Society of WA WSWA HSTD/18 Date: 12 October 2008	
08175020 <i>Aristida holathera</i> Domin var. <i>holathera</i> Coll: Wildflower Society of WA WSWA D 3/47 Date: 24 August 2008	

07837380 <i>Bellida graminea</i> Ewart Coll: Wildflower Society of WA CDR 1 Date: 28 August 2007
08198462 <i>Bellida graminea</i> Ewart Coll: Wildflower Society of WA WSWA W 3/10 Date: 11 October 2008
08198470 <i>Blennospora drummondii</i> A.Gray Coll: Wildflower Society of WA WSWA D 2/45 Date: 24 August 2008
08174822 <i>Borya sphaerocephala</i> R.Br. Coll: Wildflower Society of WA WSWA D 01/2 Date: 24 August 2008
08199515 <i>Bossiaea walkeri</i> F.Muell. Coll: Wildflower Society of WA WSWA W 3/3 Date: 11 October 2008
08198489 <i>Brachyscome cheilocarpa</i> F.Muell. Coll: Wildflower Society of WA WSWA A 4/4 Date: 23 August 2008
08198497 <i>Brachyscome ciliocarpa</i> W.Fitzg. Coll: Wildflower Society of WA WSWA A 2/12 Date: 23 August 2008
08198500 <i>Brachyscome iberidifolia</i> Benth. Coll: Wildflower Society of WA WSWA A 2/12A Date: 12 October 2008
08198519 <i>Brachyscome perpusilla</i> (Steetz) J.M.Black Coll: Wildflower Society of WA WSWA D 3/17 Date: 24 August 2008
08198527 <i>Brachyscome perpusilla</i> var. <i>tenella</i> (Turcz.) G.L.Davis Coll: Wildflower Society of WA WSWA C 1/13 Date: 24 August 2008
07837445 <i>Brachyscome pusilla</i> Steetz Coll: Wildflower Society of WA CDR 46 Date: 28 August 2007
08198535 <i>Brachyscome pusilla</i> Steetz Coll: Wildflower Society of WA WSWA D 1/7 Date: 24 August 2008
08199167 <i>Brunonia australis</i> R.Br. Coll: Wildflower Society of WA WSWA W 4/10 Date: 11 October 2008
08199175 <i>Brunonia</i> sp. Goldfields (K.R. Newbey 6044) Coll: Wildflower Society of WA WSWA X 3/32 Date: 11 October 2008
08199183 <i>Brunonia</i> sp. Goldfields (K.R. Newbey 6044) Coll: Wildflower Society of WA WSWA X 2/16 Date: 11 October 2008
08174814 <i>Caesia</i> sp. Wongan (K.F. Kenneally 8820) Coll: Wildflower Society of WA WSWA D 4/35 Date: 24 August 2008
08174245 <i>Calandrinia eremaea</i> Ewart Coll: Wildflower Society of WA WSWA X 4/26 Date: 12 October 2008
08174210 <i>Calandrinia granulifera</i> Benth. Coll: Wildflower Society of WA WSWA A 1/4 Date: 23 August 2008
08174237 <i>Calandrinia porifera</i> Syeda Coll: Wildflower Society of WA WSWA D 01/40 Date: 24 August 2008
08174202 <i>Calandrinia porifera</i> Syeda Coll: Wildflower Society of WA WSWA Dam 26 Date: 24 August 2008
08174229 <i>Calandrinia primuliflora</i> Diels Coll: Wildflower Society of WA WSWA B 06/57 Date: 12 October 2008

08174261 <i>Calandrinia</i> sp. Blackberry (D.M. Porter 171) Coll: Wildflower Society of WA WSWA Dam 5 Date: 12 October 2008
08174253 <i>Calandrinia</i> sp. Blackberry (D.M. Porter 171) Coll: Wildflower Society of WA WSWA Y 3/18 Date: 12 October 2008
08174466 <i>Calandrinia</i> sp. Bungalbin (G.J. Keighery & N. Gibson 1656) Coll: Wildflower Society of WA WSWA D 01/61 Date: 24 August 2008
08174288 <i>Calandrinia</i> sp. ridged papillate (M. Hislop & E. Hudson MH161) Coll: Wildflower Society of WA WSWA Y 2/24 Date: 12 October 2008
08198543 <i>Calocephalus multiflorus</i> (Turcz.) Benth. Coll: Wildflower Society of WA WSWA B 4/63 Date: 12 October 2008
08198551 <i>Calotis hispidula</i> (F.Muell.) F.Muell. Coll: Wildflower Society of WA WSWA A 5/44 Date: 23 August 2008
08198578 <i>Calotis multicaulis</i> (Turcz.) Druce Coll: Wildflower Society of WA WSWA D 4/8 Date: 24 August 2008
08198586 <i>Calotis</i> sp. Perrinvale Station (R.J. Cranfield 7096) Coll: Wildflower Society of WA WSWA B 2/72 Date: 23 August 2008
07837275 <i>Calothamnus gilesii</i> F.Muell. Coll: Wildflower Society of WA CDR 56 Date: 29 August 2007
07837186 <i>Calycopeplus paucifolius</i> (Klotzsch) Baill. Coll: Wildflower Society of WA CDR 10 Date: 29 August 2007
08194793 <i>Calycopeplus paucifolius</i> (Klotzsch) Baill. Coll: Wildflower Society of WA WSWA D 1/5 Date: 24 August 2008
08200386 <i>Calytrix glutinosa</i> Lindl. Coll: Wildflower Society of WA WSWA C 1/28 Date: 24 August 2008
08200351 <i>Calytrix leschenaultii</i> (Schauer) Benth. Coll: Wildflower Society of WA WSWA B 4/54 Date: 23 August 2008
08200378 <i>Calytrix</i> sp. Paynes Find (F. & J. Hort 1188) Coll: Wildflower Society of WA WSWA X 4/3 Date: 12 October 2008
08175128 <i>Centrolepis aristata</i> (R.Br.) Roem. & Schult. Coll: Wildflower Society of WA WSWA D 3/25 Date: 24 August 2008
08175497 <i>Centrolepis polygyna</i> (R.Br.) Hieron. Coll: Wildflower Society of WA WSWA D 01/38 Date: 24 August 2008
08198594 <i>Cephalopterum drummondii</i> A.Gray Coll: Wildflower Society of WA WSWA X 4/39 Date: 12 October 2008
08198365 <i>Ceratogyne obionoides</i> Turcz. Coll: Wildflower Society of WA WSWA X 5 RV/34 Date: 11 October 2008
08197873 <i>Chamelaucium pauciflorum</i> subsp. <i>Perenjori</i> (B.J. Conn 2181) Coll: Wildflower Society of WA WSWA Opp/21 Date: 12 October 2008
08175187 <i>Cheilanthes adiantoides</i> T.C.Chambers & P.A.Farrant Coll: Wildflower Society of WA WSWA D 01/4 Date: 24 August 2008

08174164 <i>Cheiranthra filifolia</i> Turcz. Coll: Wildflower Society of WA WSWA W 1/54 Date: 11 October 2008	08200394 <i>Darwinia capitellata</i> Rye Coll: Wildflower Society of WA WSWA W 4/4 Date: 11 October 2008
08174156 <i>Cheiranthra simplicifolia</i> (E.M.Benn.) L.Cayzer & Crisp Coll: Wildflower Society of WA WSWA W 4/9 Date: 11 October 2008	08200106 <i>Daucus glochidiatus</i> (Labill.) Fisch., C.A.Mey. & Ave-Lall. Coll: Wildflower Society of WA WSWA C 4/41 Date: 24 August 2008
08198608 <i>Chthonocephalus pseudevax</i> Steetz Coll: Wildflower Society of WA WSWA A 5/26 Date: 23 August 2008	08198187 <i>Daviesia grahamii</i> Ewart & Jean White Coll: Wildflower Society of WA WSWA W 1/67 Date: 25 August 2008
08175365 <i>Codonocarpus cotinifolius</i> (Desf.) F.Muell. Coll: Wildflower Society of WA WSWA W 2/8 Date: 11 October 2008	08194653 <i>Daviesia horrida</i> Meisn. Coll: Wildflower Society of WA WSWA Y 2/44 Date: 12 October 2008
08199779 <i>Comesperma integerrimum</i> Endl. Coll: Wildflower Society of WA WSWA Y 3/31 Date: 12 October 2008	08174903 <i>Dianella revoluta</i> var. <i>divaricata</i> (R.Br.) R.J.F.Hend. Coll: Wildflower Society of WA WSWA A 2/s.n. Date: 12 October 2008
08198616 * <i>Cotula bipinnata</i> Thunb. Coll: Wildflower Society of WA WSWA Dam/8 Date: 24 August 2008	08175500 <i>Dichopogon tyleri</i> Brittan Coll: Wildflower Society of WA WSWA X 4/27 Date: 12 October 2008
08174393 <i>Crassula closiana</i> (Gay) Reiche Coll: Wildflower Society of WA WSWA D 3/27 Date: 24 August 2008	08198977 <i>Dicrastylis soliparma</i> Rye & Trudgen Coll: Wildflower Society of WA WSWA W 1/10 Date: 11 October 2008
08174172 <i>Crassula colorata</i> var. <i>acuminata</i> (Reader) Toelken Coll: Wildflower Society of WA WSWA D 2/20 Date: 24 August 2008	08175276 <i>Didymanthus roei</i> Endl. Coll: Wildflower Society of WA WSWA A 4/30 Date: 23 August 2008
08198217 <i>Crassula colorata</i> var. <i>acuminata</i> (Reader) Toelken Coll: Wildflower Society of WA WSWA B 2/63 Date: 23 August 2008	07844506 <i>Disphyma crassifolium</i> subsp. <i>clavellatum</i> (Haw.) Chinnock Coll: Wildflower Society of WA CDR 67 Date: 28 August 2007
08174385 <i>Crassula colorata</i> (Nees) Ostenf. var. <i>colorata</i> Coll: Wildflower Society of WA WSWA D 01/22 Date: 24 August 2008	08174490 <i>Disphyma crassifolium</i> subsp. <i>clavellatum</i> (Haw.) Chinnock Coll: Wildflower Society of WA WSWA A 4/5 Date: 23 August 2008
07837194 <i>Cryptandra apetala</i> Ewart & Jean White Coll: Wildflower Society of WA CDR 64 Date: 28 August 2007	08200297 <i>Dodonaea adenophora</i> Miq. Coll: Wildflower Society of WA WSWA Y 1/40 Date: 12 October 2008
08200270 <i>Cryptandra apetala</i> Ewart & Jean White Coll: Wildflower Society of WA WSWA W 1/23 Date: 11 October 2008	08200289 <i>Dodonaea inaequifolia</i> Turcz. Coll: Wildflower Society of WA WSWA B 1/2 Date: 23 August 2008
08200262 <i>Cryptandra imbricata</i> Rye Coll: Wildflower Society of WA WSWA W 3/4 Date: 11 October 2008	08174423 <i>Drosera bulbosa</i> Hook. Coll: Wildflower Society of WA WSWA B 3/26 Date: 23 August 2008
08197857 <i>Cryptandra micrantha</i> Rye Coll: Wildflower Society of WA WSWA W 1/Opp17 Date: 12 July 2008	08174415 <i>Drosera glanduligera</i> Lehm. Coll: Wildflower Society of WA WSWA D 2/23 Date: 24 August 2008
08198209 <i>Cryptandra nutans</i> Steud. Coll: Wildflower Society of WA WSWA W 1/68 Date: 25 August 2008	07837038 <i>Drosera macrantha</i> Endl. subsp. <i>macrantha</i> Coll: Wildflower Society of WA CDR 9 Date: 29 August 2007
08200084 * <i>Cuscuta planiflora</i> Ten. Coll: Wildflower Society of WA WSWA Dam/19 Date: 24 August 2008	08174407 <i>Drosera macrantha</i> Endl. subsp. <i>macrantha</i> Coll: Wildflower Society of WA WSWA D 01/3 Date: 24 August 2008
08174806 <i>Cyanicula amplexans</i> (A.S.George) Hopper & A.P.Br. Coll: Wildflower Society of WA WSWA C 3/16 Date: 24 August 2008	08199442 <i>Dysphania glomulifera</i> subsp. <i>eremaea</i> Paul G.Wilson Coll: Wildflower Society of WA WSWA HS Dam/31 Date: 11 July 2008
08175101 <i>Cyperus rigidellus</i> (Benth.) J.M.Black Coll: Wildflower Society of WA WSWA A 2/18 Date: 23 August 2008	08199469 <i>Dysphania melanocarpa</i> (J.M.Black) Mosyakin & Clemants forma <i>melanocarpa</i> Coll: Wildflower Society of WA WSWA NORD/32 Date: 12 October 2008
08198306 <i>Dampiera eriocephala</i> de Vriese Coll: Wildflower Society of WA WSWA Bull/Opp 5 Date: 12 July 2008	08175349 <i>Ecdiocola monostachya</i> F.Muell. Coll: Wildflower Society of WA WSWA W 4/16 Date: 11 October 2008
08198381 <i>Dampiera incana</i> var. <i>fuscescens</i> Benth. Coll: Wildflower Society of WA WSWA X 5 RV/39 Date: 11 October 2008	08199523 * <i>Echium plantagineum</i> L. Coll: Wildflower Society of WA WSWA NORD/38 Date: 12 October 2008

08200041 <i>Elatine macrocalyx</i> Albr. Coll: Wildflower Society of WA WSWA HS Dam/24 Date: 12 October 2008
08199477 * <i>Emex australis</i> Steinh. Coll: Wildflower Society of WA WSWA NORD/27 Date: 12 October 2008
08175268 <i>Enchylaena lanata</i> Paul G.Wilson Coll: Wildflower Society of WA WSWA A 4/31 Date: 23 August 2008
08220824 <i>Enekbatus stowardii</i> (S.Moore) Trudgen & Rye ms Coll: Wildflower Society of WA WSWA C 3/Opp3 Date: 24 August 2008
07837240 <i>Eremophila decipiens</i> Ostenf. subsp. <i>decipiens</i> Coll: Wildflower Society of WA. CDR 22 Date: 28 August 2007
08174954 <i>Eragrostis dielsii</i> Pilg. Coll: Wildflower Society of WA WSWA A 3/9 Date: 23 August 2008
08199078 <i>Eremophila caperata</i> Chinnock Coll: Wildflower Society of WA WSWA X 2/10 Date: 11 October 2008
08199086 <i>Eremophila clarkei</i> A.F.Oldfield & F.Muell. Coll: Wildflower Society of WA WSWA C 5/3 Date: 24 August 2008
08198284 <i>Eremophila deserti</i> (Benth.) Chinnock Coll: Wildflower Society of WA WSWA C 2/Opp11 Date: 12 July 2008
08198179 <i>Eremophila forrestii</i> F.Muell. subsp. <i>forrestii</i> Coll: Wildflower Society of WA WSWA B 3/47 Date: 12 October 2008
08199094 <i>Eremophila glabra</i> subsp. <i>elegans</i> Chinnock Coll: Wildflower Society of WA WSWA A 6/28 Date: 23 August 2008
07837232 <i>Eremophila glutinosa</i> Chinnock Coll: Wildflower Society of WA CDR 23 Date: 29 August 2007
08199108 <i>Eremophila latrobei</i> F.Muell. subsp. <i>latrobei</i> Coll: Wildflower Society of WA WSWA B 4/14 Date: 23 August 2008
08199116 <i>Eremophila miniata</i> C.A.Gardner Coll: Wildflower Society of WA WSWA A 2/1 Date: 23 August 2008
08199124 <i>Eremophila oldfieldii</i> F.Muell. subsp. <i>oldfieldii</i> Coll: Wildflower Society of WA WSWA C 2/8 Date: 24 August 2008
08199132 <i>Eremophila oppositifolia</i> R.Br. Coll: Wildflower Society of WA WSWA Y 3/3 Date: 12 October 2008
08199140 <i>Eremophila oppositifolia</i> subsp. <i>angustifolia</i> (S.Moore) Chinnock Coll: Wildflower Society of WA WSWA A 1/8 Date: 23 August 2008
08174946 <i>Eriachne ovata</i> Nees Coll: Wildflower Society of WA WSWA D 2/13 Date: 24 August 2008
08199604 <i>Eriachne pulchella</i> Domin Coll: Wildflower Society of WA WSWA HSTD/22 Date: 23 August 2008
08174792 <i>Ericksonella saccharata</i> (Rchb.f.) Hopper & A.P.Br. Coll: Wildflower Society of WA WSWA C 3/5 Date: 24 August 2008
07837356 <i>Eremophila serrulata</i> (A.DC.) Druce Coll: Wildflower Society of WA CDR 24 Date: 29 August 2007

07828330 <i>Eriachne ovata</i> Nees Coll: Wildflower Society of WA CDR 59 Date: 29 August 2007
08194734 * <i>Erodium cicutarium</i> (L.) L'Her. Coll: Wildflower Society of WA WSWA Dam/3 Date: 24 August 2008
08194742 <i>Erodium cygnorum</i> Nees Coll: Wildflower Society of WA WSWA A 4/17 Date: 23 August 2008
08198624 <i>Erymophyllum ramosum</i> (A.Gray) Paul G.Wilson subsp. <i>ramosum</i> Coll: Wildflower Society of WA WSWA B 3/23 Date: 23 August 2008
08198632 <i>Erymophyllum tenellum</i> (Turcz.) Paul G.Wilson Coll: Wildflower Society of WA WSWA C 2 MW/7 Date: 24 August 2008
08198268 <i>Eucalyptus erythronema</i> var. <i>marginata</i> (Benth.) Domin Coll: Wildflower Society of WA WSWA Opp2 Date: 12 October 2008
08197849 <i>Eucalyptus ewartiana</i> Maiden Coll: Wildflower Society of WA WSWA Opp/18 Date: 12 July 2008
08199949 <i>Eucalyptus horistes</i> L.A.S.Johnson & K.D.Hill Coll: Wildflower Society of WA WSWA W 2/7 Date: 11 October 2008
08200408 <i>Eucalyptus horistes</i> L.A.S.Johnson & K.D.Hill Coll: Wildflower Society of WA WSWA X 5/31 Date: 11 October 2008
08200416 <i>Eucalyptus kochii</i> subsp. <i>amaryssia</i> D.Nicolle Coll: Wildflower Society of WA WSWA X 3/1 Date: 11 October 2008
07837283 <i>Eucalyptus leptopoda</i> subsp. <i>arctata</i> L.A.S.Johnson & K.D.Hill Coll: Wildflower Society of WA CDR 25 Date: 29 August 2007
08199914 <i>Eucalyptus leptopoda</i> subsp. <i>arctata</i> L.A.S.Johnson & K.D.Hill Coll: Wildflower Society of WA WSWA W 4/31 Date: 11 October 2008
08199906 <i>Eucalyptus loxophleba</i> subsp. <i>supralaevis</i> L.A.S.Johnson & K.D.Hill Coll: Wildflower Society of WA WSWA C 2/1 Date: 24 August 2008
08198411 <i>Eucalyptus petraea</i> D.J.Carr & S.G.M.Carr Coll: Wildflower Society of WA WSWA HS Dam/25 Date: 12 August 2008
08199930 <i>Eucalyptus salmonophloia</i> F.Muell. Coll: Wildflower Society of WA WSWA Y 2/1 Date: 12 October 2008
08199892 <i>Eucalyptus stowardii</i> Maiden Coll: Wildflower Society of WA WSWA C 4/1 Date: 24 August 2008
08199922 <i>Eucalyptus subangusta</i> subsp. <i>pusilla</i> Brooker & Hopper Coll: Wildflower Society of WA WSWA Y 3/2 Date: 12 October 2008
08194807 <i>Euphorbia drummondii</i> Boiss. Coll: Wildflower Society of WA WSWA D 3/24 Date: 24 August 2008
07837305 <i>Euryomyrtus recurva</i> Trudgen Coll: Wildflower Society of WA CDR 26 Date: 29 August 2007
08175519 <i>Exocarpos aphyllus</i> R.Br. Coll: Wildflower Society of WA WSWA Y 2/21 Date: 12 October 2008

08197830 <i>Frankenia laxiflora</i> Summerh. Coll: Wildflower Society of WA WSWA BR Opp/3 Date: 11 October 2008	08199264 <i>Goodenia occidentalis</i> Carolin Coll: Wildflower Society of WA WSWA B 4/44 Date: 12 October 2008
08200211 <i>Frankenia pauciflora</i> DC. Coll: Wildflower Society of WA WSWA A 4/11 Date: 12 October 2008	08199272 <i>Goodenia occidentalis</i> Carolin Coll: Wildflower Society of WA WSWA B 6/46 Date: 23 August 2008
08200203 <i>Frankenia</i> sp. Coll: Wildflower Society of WA WSWA A 4/42 Date: 12 October 2008	08199280 <i>Goodenia pinnatifida</i> Schltdl. Coll: Wildflower Society of WA WSWA A 5/21 Date: 23 August 2008
08200181 <i>Frankenia</i> sp. Coll: Wildflower Society of WA WSWA A 4/51A Date: 12 October 2008	08199299 <i>Goodenia pusilliflora</i> F.Muell. Coll: Wildflower Society of WA WSWA A 5/52 Date: 23 August 2008
08200173 <i>Frankenia</i> sp. Coll: Wildflower Society of WA WSWA A 4/52 Date: 12 October 2008	08174008 <i>Grevillea didymobotrya</i> Meisn. subsp. <i>didymobotrya</i> Coll: Wildflower Society of WA WSWA W 2/43 Date: 11 October 2008
07837135 <i>Gastrolobium laytonii</i> Jean White Coll: Wildflower Society of WA CDR 32 Date: 29 August 2007	08173990 <i>Grevillea excelsior</i> Diels Coll: Wildflower Society of WA WSWA Y 4/32 Date: 12 October 2008
07837399 <i>Gilberta tenuifolia</i> Turcz. Coll: Wildflower Society of WA CDR 2 Date: 29 August 2007	08175543 <i>Grevillea extorris</i> S.Moore Coll: Wildflower Society of WA WSWA B 4/7 Date: 23 August 2008
08198640 <i>Gilruthia osbornei</i> Ewart & Jean White Coll: Wildflower Society of WA WSWA Y 2/32 Date: 12 October 2008	07836937 <i>Grevillea hakeoides</i> subsp. <i>stenophylla</i> (W.Fitzg.) McGill. Coll: Wildflower Society of WA CDR 61 Date: 29 August 2007
07837216 <i>Glischrocaryon flavescens</i> (Hook.) Orchard Coll: Wildflower Society of WA CDR 15 Date: 29 August 2007	08175527 <i>Grevillea hakeoides</i> subsp. <i>stenophylla</i> (W.Fitzg.) McGill. Coll: Wildflower Society of WA WSWA W 2/1 Date: 11 October 2008
08199973 <i>Glischrocaryon flavescens</i> (Hook.) Orchard Coll: Wildflower Society of WA WSWA W 2/37 Date: 11 October 2008	08174113 <i>Grevillea juncifolia</i> subsp. <i>temulenta</i> Olde & Marriott Coll: Wildflower Society of WA WSWA X 1/4 Date: 11 October 2008
08198071 <i>Glossostigma diandrum</i> (L.) Kuntze Coll: Wildflower Society of WA WSWA HS Dam/1 Date: 12 October 2008	07836945 <i>Grevillea levis</i> Olde & Marriott Coll: Wildflower Society of WA CDR 62 Date: 29 August 2007
08198659 <i>Gnephosis acicularis</i> Benth. Coll: Wildflower Society of WA WSWA A 3/27 Date: 12 October 2008	08175535 <i>Grevillea levis</i> Olde & Marriott Coll: Wildflower Society of WA WSWA D 2/5 Date: 24 August 2008
08198675 <i>Gnephosis angianthoides</i> (Steetz) Anderb. Coll: Wildflower Society of WA WSWA A 2/42 Date: 12 October 2008	08174148 <i>Grevillea obliquistigma</i> subsp. <i>funicularis</i> Olde & Marriott Coll: Wildflower Society of WA WSWA A 4/s.n. Date: 23 August 2008
08198667 <i>Gnephosis angianthoides</i> (Steetz) Anderb. Coll: Wildflower Society of WA WSWA A 2/13 Date: 23 August 2008	08174105 <i>Grevillea paradoxa</i> F.Muell. Coll: Wildflower Society of WA WSWA Y 4/33 Date: 12 October 2008
08198705 <i>Gnephosis</i> sp. Norseman (K.R. Newbey 8096) Coll: Wildflower Society of WA WSWA HSTD/7 Date: 12 October 2008	08174016 <i>Grevillea pityophylla</i> F.Muell. Coll: Wildflower Society of WA WSWA B06/8 Date: 23 August 2008
08198683 <i>Gnephosis tenuissima</i> Cass. Coll: Wildflower Society of WA WSWA A 5/45 Date: 23 August 2008	08174091 <i>Grevillea pterosperma</i> F.Muell. Coll: Wildflower Society of WA WSWA Y 4/30 Date: 12 October 2008
08198691 <i>Gnephosis trifida</i> (P.S.Short) P.S.Short Coll: Wildflower Society of WA WSWA A 3/25 Date: 12 October 2008	08174083 <i>Grevillea sarissa</i> subsp. <i>anfractifolia</i> McGill. Coll: Wildflower Society of WA WSWA A 06/s.n. Date: 12 October 2008
08175454 <i>Gomphrena</i> sp. Belele (D.W. Goodall 3215) Coll: Wildflower Society of WA WSWA A 3/8 Date: 12 October 2008	07836953 <i>Grevillea yorkrakinensis</i> C.A.Gardner Coll: Wildflower Society of WA CDR 36 Date: 28 August 2007
08175438 <i>Gomphrena</i> sp. Belele (D.W. Goodall 3215) Coll: Wildflower Society of WA WSWA A 4/19 Date: 23 August 2008	08174504 <i>Gunniopsis intermedia</i> Diels Coll: Wildflower Society of WA WSWA A 3/31 Date: 12 October 2008
08199965 <i>Gonocarpus nodulosus</i> Nees Coll: Wildflower Society of WA WSWA D 2/27 Date: 24 August 2008	08174482 <i>Gunniopsis quadrifida</i> (F.Muell.) Pax Coll: Wildflower Society of WA WSWA A 4/48 Date: 23 August 2008
08199248 <i>Goodenia berardiana</i> (Gaudich.) Carolin Coll: Wildflower Society of WA WSWA B 6/45 Date: 23 August 2008	
08199256 <i>Goodenia havilandii</i> Maiden & Betche Coll: Wildflower Society of WA WSWA C 5/17 Date: 24 August 2008	

08198225 <i>Gunniopsis quadrifida</i> (F.Muell.) Pax Coll: Wildflower Society of WA WSWA A 2/2 Date: 23 August 2008
08174474 <i>Gunniopsis rodwayi</i> (Ewart) C.A.Gardner Coll: Wildflower Society of WA WSWA A 3/23 Date: 23 August 2008
08174369 <i>Gunniopsis rubra</i> Chinnoek Coll: Wildflower Society of WA WSWA Y 2/36 Date: 12 October 2008
08174377 <i>Gunniopsis rubra</i> Chinnoek Coll: Wildflower Society W.A. WSWA Y 2/29 Date: 12 October 2008
08198748 <i>Gunniopsis</i> sp. Coll: Wildflower Society of WA WSWA A 4/16 Date: 23 August 2008
07836988 <i>Gypsophila tubulosa</i> (Jaub. & Spach) Boiss. Coll: Wildflower Society of WA CDR 52 Date: 29 August 2007
08174032 <i>Hakea francisiana</i> F.Muell. Coll: Wildflower Society of WA WSWA Y 4/13 Date: 12 October 2008
07836929 <i>Hakea invaginata</i> B.L.Burtt Coll: Wildflower Society of WA. CDR 37 Date: 28 August 2007
08174040 <i>Hakea preissii</i> Meisn. Coll: Wildflower Society of WA WSWA A 2/32 Date: 23 August 2008
07836910 <i>Hakea recurva</i> subsp. <i>arida</i> (Diels) W.R.Barker & R.M.Barker Coll: Wildflower Society of WA CDR 63 Date: 28 August 2007
08174059 <i>Hakea recurva</i> Meisn. subsp. <i>recurva</i> Coll: Wildflower Society of WA WSWA B 4/48 Date: 23 August 2008
08200076 <i>Halgania integerrima</i> Endl. Coll: Wildflower Society of WA WSWA W 2/2 Date: 11 October 2008
08199981 <i>Haloragis trigonocarpa</i> F.Muell. Coll: Wildflower Society of WA WSWA B 6/18 Date: 23 August 2008
08198047 <i>Helichrysum luteoalbum</i> (L.) Rchb. Coll: Wildflower Society of WA WSWA HS Dam/13 Date: 11 July 2008
08242801 <i>Hemigenia botryphylla</i> G.R.Guerin Coll: Wildflower Society of WA WSWA B 1/34 Date: 23 August 2008
07844514 <i>Hibbertia arcuata</i> J.R.Wheeler Coll: Wildflower Society of WA CDR 68 Date: 29 August 2007
07837518 <i>Hibbertia arcuata</i> J.R.Wheeler Coll: Wildflower Society of WA CDR 7 Date: 28 August 2007
08200130 <i>Hibbertia arcuata</i> J.R.Wheeler Coll: Wildflower Society of WA WSWA BW Opp/3 Date: 24 August 2008
08200009 <i>Hibbertia arcuata</i> J.R.Wheeler Coll: Wildflower Society of WA WSWA B 4/51 Date: 23 August 2008
08200114 <i>Hibbertia glomerosa</i> (Benth.) F.Muell. Coll: Wildflower Society of WA WSWA Y 4/5 Date: 12 October 2008
07837259 <i>Hibbertia stenophylla</i> J.R.Wheeler Coll: Wildflower Society of WA. CDR 8 Date: 28 August 2007

08197970 <i>Hibbertia stenophylla</i> J.R.Wheeler Coll: Wildflower Society of WA WSWA Opp/15 Date: 12 July 2008
08198349 <i>Homalocalyx aureus</i> (C.A.Gardner) Craven Coll: Wildflower Society of WA WSWA Bull/Opp10 Date: 12 July 2008
08199787 <i>Homalocalyx thryptomenoides</i> (F.Muell.) Craven Coll: Wildflower Society of WA WSWA X 5/9 Date: 11 October 2008
08198713 <i>Hyalochlamys globifera</i> A.Gray Coll: Wildflower Society of WA WSWA A 2/23 Date: 23 August 2008
08198721 <i>Hyalosperma demissum</i> (A.Gray) Paul G.Wilson Coll: Wildflower Society of WA WSWA D 1/25 Date: 24 August 2008
07837402 <i>Hyalosperma glutinosum</i> subsp. <i>venustum</i> (S.Moore) Paul G.Wilson Coll: Wildflower Society of WA CDR 3 Date: 29 August 2007
08174695 <i>Hypoxis glabella</i> var. <i>leptantha</i> (Benth.) R.J.F.Hend. Coll: Wildflower Society of WA WSWA C 3/26 Date: 24 August 2008
08198756 <i>Isoetopsis graminifolia</i> Turcz. Coll: Wildflower Society of WA WSWA B 6/53A Date: 25 August 2008
08198330 <i>Isolepis cernua</i> var. <i>setiformis</i> (Benth.) Muasya Coll: Wildflower Society of WA WSWA W Dam/Opp3 Date: 12 October 2008
08175071 <i>Isolepis cernua</i> var. <i>setiformis</i> (Benth.) Muasya Coll: Wildflower Society of WA WSWA Dam/16 Date: 24 August 2008
08198314 <i>Isolepis congrua</i> Nees Coll: Wildflower Society of WA WSWA W Dam/Opp4 Date: 12 October 2008
08175322 <i>Isolepis congrua</i> Nees Coll: Wildflower Society of WA WSWA HS Dam/18 Date: 12 July 2008
08199191 <i>Isotoma scapigera</i> (R.Br.) G.Don Coll: Wildflower Society of WA WSWA A 4/54 Date: 12 October 2008
08194661 <i>Jacksonia arida</i> Chappill Coll: Wildflower Society of WA WSWA W 2/9 Date: 11 October 2008
08199434 * <i>Juncus bufonius</i> L. Coll: Wildflower Society of WA WSWA HS Dam/30 Date: 12 July 2008
07837208 <i>Keraudrenia integrifolia</i> Steud. Coll: Wildflower Society of WA. CDR 44 Date: 28 August 2007
08200157 <i>Keraudrenia velutina</i> Steetz subsp. <i>velutina</i> Coll: Wildflower Society of WA WSWA Y 4/3 Date: 12 October 2008
08174938 <i>Lachnagrostis filiformis</i> (G.Forst.) Trin. Coll: Wildflower Society of WA WSWA Dam/22 Date: 24 August 2008
08174911 <i>Lachnagrostis plebeia</i> (R.Br.) Trin. Coll: Wildflower Society of WA WSWA D 01/51 Date: 24 August 2008
08200246 <i>Lawrencia diffusa</i> (Benth.) Melville Coll: Wildflower Society of WA WSWA A 5/56 Date: 23 August 2008
08200238 <i>Lawrencia squamata</i> Miq. Coll: Wildflower Society of WA WSWA D 1/Opp1 Date: 23 August 2008

08199302 <i>Lechenaultia macrantha</i> K.Krause Coll: Wildflower Society of WA WSWA Y 1/32a Date: 12 October 2008	08175217 <i>Maireana georgei</i> (Diels) Paul G.Wilson Coll: Wildflower Society of WA WSWA Y 2/5 Date: 12 October 2008
08174199 <i>Lepidium oxytrichum</i> Sprague Coll: Wildflower Society of WA WSWA Y 2/14 Date: 12 October 2008	08175551 <i>Maireana glomerifolia</i> (F.Muell. & Tate) Paul G.Wilson Coll: Wildflower Society of WA WSWA A 1/56 Date: 23 August 2008
08174180 <i>Lepidium</i> sp. Coll: Wildflower Society of WA WSWA X 4/16 Date: 12 October 2008	08175209 <i>Maireana marginata</i> (Benth.) Paul G.Wilson Coll: Wildflower Society of WA WSWA B 1/23 Date: 23 August 2008
08175047 <i>Lepidobolus preissianus</i> Nees Coll: Wildflower Society of WA WSWA W 1/7 Date: 11 October 2008	08198233 <i>Maireana planifolia</i> (F.Muell.) Paul G.Wilson Coll: Wildflower Society of WA WSWA Y 3/14 Date: 12 October 2008
07837011 <i>Lepidosperma costale</i> Nees Coll: Wildflower Society of WA CDR 53 Date: 29 August 2007	08199485 <i>Maireana planifolia</i> (F.Muell.) Paul G.Wilson Coll: Wildflower Society of WA WSWA B 2/19 Date: 23 August 2008
07828322 <i>Lepidosperma</i> sp. Coll: Wildflower Society of WA CDR 54 Date: 29 August 2007	08174601 <i>Maireana thesioides</i> (C.A.Gardner) Paul G.Wilson Coll: Wildflower Society of WA WSWA C 2/45 Date: 24 August 2008
08175098 <i>Lepidosperma</i> sp. Blue Hills (A. Markey & S. Dillon 3468) Coll: Wildflower Society of WA WSWA D 2/9 Date: 24 August 2008	08174598 <i>Maireana tomentosa</i> Moq. subsp. <i>tomentosa</i> Coll: Wildflower Society of WA WSWA Y 2/18 Date: 12 October 2008
07837127 <i>Leptosema aphyllum</i> (Hook.) Crisp Coll: Wildflower Society of WA CDR 33 Date: 29 August 2007	08174571 <i>Maireana trichoptera</i> (J.M.Black) Paul G.Wilson Coll: Wildflower Society of WA WSWA C 2/24 Date: 24 August 2008
08194688 <i>Leptosema daviesioides</i> (Turcz.) Crisp Coll: Wildflower Society of WA WSWA Y 1/28 Date: 12 October 2008	08199795 <i>Malleostemon roseus</i> (E.Pritz.) J.W.Green Coll: Wildflower Society of WA WSWA Y 4/31 Date: 12 October 2008
08199574 <i>Leucopogon</i> aff. <i>brevicuspis</i> Coll: Wildflower Society of WA WSWA C 1/adj2 Date: 12 August 2008	07837313 <i>Malleostemon tuberculatus</i> (E.Pritz.) J.W.Green Coll: Wildflower Society of WA CDR 27 Date: 29 August 2007
08200319 <i>Leucopogon</i> sp. Coolgardie (M. Hislop & F. Hort MH 3197) Coll: Wildflower Society of WA WSWA W 1/17A Date: 11 October 2008	08175160 <i>Marsilea costulifera</i> D.L.Jones Coll: Wildflower Society of WA WSWA HS Dam/2 Date: 12 October 2008
08199388 <i>Levenhookia leptantha</i> Benth. Coll: Wildflower Society of WA WSWA A 4/60 Date: 23 August 2008	08175179 <i>Marsilea drummondii</i> A.Braun Coll: Wildflower Society of WA WSWA Dam/1 Date: 24 August 2008
08199396 <i>Levenhookia stipitata</i> (Sond.) F.Muell. Coll: Wildflower Society of WA WSWA X 4/34 Date: 12 October 2008	08198292 <i>Melaleuca acuminata</i> subsp. <i>websteri</i> (S.Moore) Craven Coll: Wildflower Society of WA WSWA C 2/opp9A Date: 24 August 2008
08199205 <i>Lobelia anceps</i> L.f. Coll: Wildflower Society of WA WSWA D 3/42 Date: 23 August 2008	08199809 <i>Melaleuca atroviridis</i> Craven & Lepschi Coll: Wildflower Society of WA WSWA Y 1/4 Date: 12 October 2008
08199213 <i>Lobelia rarifolia</i> E.Wimm. Coll: Wildflower Society of WA WSWA X 5/18 Date: 11 October 2008	08199817 <i>Melaleuca cordata</i> Turcz. Coll: Wildflower Society of WA WSWA Y 4/16 Date: 12 October 2008
08199221 <i>Lobelia winfridae</i> Diels Coll: Wildflower Society of WA WSWA X 4/36 Date: 12 October 2008	07837461 <i>Melaleuca eleuterostachya</i> F.Muell. Coll: Wildflower Society of WA CDR 28 Date: 29 August 2007
08194637 <i>Logania flaviflora</i> F.Muell. Coll: Wildflower Society of WA WSWA W 1/65 Date: 11 October 2008	08199825 <i>Melaleuca fabri</i> Craven Coll: Wildflower Society of WA WSWA Y 4/6 Date: 12 October 2008
08174679 <i>Lomandra effusa</i> (Lindl.) Ewart Coll: Wildflower Society of WA WSWA A 2/s.n. Date: 12 October 2008	07837054 <i>Melaleuca fulgens</i> R.Br. Coll: Wildflower Society of WA CDR 29 Date: 29 August 2007
08175241 <i>Maireana amoena</i> (Diels) Paul G.Wilson Coll: Wildflower Society of WA WSWA A 4/51 Date: 23 August 2008	08199841 <i>Melaleuca hamata</i> Fielding & Gardner Coll: Wildflower Society of WA WSWA A 1/37 Date: 23 August 2008
08175233 <i>Maireana atkinsiana</i> (W.Fitzg.) Paul G.Wilson Coll: Wildflower Society of WA WSWA A 2/39 Date: 23 August 2008	08199833 <i>Melaleuca leiocarpa</i> F.Muell. Coll: Wildflower Society of WA WSWA B 4/60 Date: 12 October 2008
08175225 <i>Maireana carnosa</i> (Moq.) Paul G.Wilson Coll: Wildflower Society of WA WSWA Y 2/13 Date: 12 October 2008	07837321 <i>Melaleuca nematophylla</i> F.Muell. Coll: Wildflower Society of WA. CDR 30 Date: 28 August 2007

07837291 <i>Micromyrtus racemosa</i> Benth. Coll: Wildflower Society of WA CDR 31 Date: 29 August 2007
08199876 <i>Melaleuca radula</i> Lindl. Coll: Wildflower Society of WA WSWA D 2/60 Date: 24 August 2008
08199701 <i>Melaleuca scalena</i> Craven & Lepschi Coll: Wildflower Society of WA WSWA B 1/1 Date: 23 August 2008
08198896 <i>Melaleuca stereophloia</i> Craven Coll: Wildflower Society of WA WSWA NORD/33 Date: 12 October 2008
08198918 <i>Melaleuca uncinata</i> R.Br. Coll: Wildflower Society of WA WSWA HS Dam/14 Date: 12 October 2008
08198926 <i>Melaleuca uncinata</i> R.Br. Coll: Wildflower Society of WA WSWA NORD/37 Date: 12 October 2008
08198276 <i>Micromyrtus clavata</i> Rye Coll: Wildflower Society of WA WSWA B 2/Opp 8 Date: 11 July 2008
08198934 <i>Micromyrtus racemosa</i> Benth. Coll: Wildflower Society of WA WSWA B 4/50 Date: 23 August 2008
08198764 <i>Millotia myosotidifolia</i> (Benth.) Steetz Coll: Wildflower Society of WA WSWA Dam/31 Date: 24 August 2008
08198772 <i>Millotia perpusilla</i> (Turcz.) P.S.Short Coll: Wildflower Society of WA WSWA D 2/75 Date: 24 August 2008
08194696 <i>Mirbelia bursarioides</i> A.M.Monro & Crisp ms Coll: Wildflower Society of WA WSWA B 4/5 Date: 23 August 2008
08194785 <i>Mirbelia cordifolia</i> A.M.Monro & Crisp ms Coll: Wildflower Society of WA WSWA W 1/56 Date: 11 October 2008
07837119 <i>Mirbelia depressa</i> E.Pritz. Coll: Wildflower Society of WA CDR 34 Date: 28 August 2007
08198195 <i>Mirbelia ramulosa</i> (Benth.) C.A.Gardner Coll: Wildflower Society of WA WSWA A 6/7 Date: 11 July 2008
08174725 <i>Monachather paradoxus</i> Steud. Coll: Wildflower Society of WA WSWA A 06/18 Date: 25 August 2008
08198799 <i>*Monoculus monstrosus</i> (Burm.f.) B.Nord. Coll: Wildflower Society of WA WSWA D 1/54 Date: 24 August 2008
08198780 <i>*Monoculus monstrosus</i> (Burm.f.) B.Nord. Coll: Wildflower Society of WA WSWA D 4/19 Date: 24 August 2008
08194815 <i>Monotaxis bracteata</i> Nees Coll: Wildflower Society of WA WSWA Y 4/4 Date: 12 October 2008
08199663 <i>Monotaxis sp.</i> Coll: Wildflower Society of WA WSWA Y 1/39 Date: 12 October 2008
07836961 <i>Muehlenbeckia adpressa</i> (Labill.) Meisn. Coll: Wildflower Society of WA CDR 35 Date: 29 August 2007
08198802 <i>Myriocephalus gueriniae</i> F.Muell. Coll: Wildflower Society of WA WSWA W 4/41 Date: 11 October 2008
07837410 <i>Myriocephalus pygmaeus</i> (A.Gray) P.S.Short Coll: Wildflower Society of WA CDR 57 Date: 29 August 2007

08199035 <i>Nicotiana rotundifolia</i> Lindl. Coll: Wildflower Society of WA WSWA A 5/2A Date: 23 August 2008
07837437 <i>Olearia muelleri</i> (Sond.) Benth. Coll: Wildflower Society of WA CDR 47 Date: 28 August 2007
08198241 <i>Olearia pimeleoides</i> (DC.) Benth. Coll: Wildflower Society of WA WSWA X 3/19 Date: 11 October 2008
08199361 <i>Opercularia spermacocea</i> Juss. Coll: Wildflower Society of WA WSWA W 2/11 Date: 11 October 2008
07837348 <i>Opercularia vaginata</i> Juss. Coll: Wildflower Society of WA CDR 38 Date: 29 August 2007
08175195 <i>Ophioglossum lusitanicum</i> L. Coll: Wildflower Society of WA WSWA A 2/27 Date: 23 August 2008
08174075 <i>Parietaria cardiostegia</i> Greuter Coll: Wildflower Society of WA WSWA A 5/40 Date: 23 August 2008
08174121 <i>Parietaria debilis</i> G.Forst. Coll: Wildflower Society of WA WSWA D 3/15 Date: 24 August 2008
08174024 <i>Persoonia pentasticha</i> P.H.Weston Coll: Wildflower Society of WA WSWA W 3/6 Date: 11 October 2008
08198152 <i>Phebalium canaliculatum</i> (F.Muell. & Tate) J.H.Willis Coll: Wildflower Society of WA WSWA C 3/Opp30 Date: 24 August 2008
08199698 <i>Phebalium tuberculosum</i> (F.Muell.) Benth. Coll: Wildflower Society of WA WSWA X 1/22 Date: 25 August 2008
08199728 <i>Philotheca brucei</i> (F.Muell.) Paul G.Wilson subsp. <i>brucei</i> Coll: Wildflower Society of WA WSWA C 1/6 Date: 24 August 2008
07837178 <i>Philotheca deserti</i> (E.Pritz.) Paul G.Wilson subsp. <i>deserti</i> Coll: Wildflower Society of WA. CDR 39 Date: 28 August 2007
08199736 <i>Philotheca deserti</i> (E.Pritz.) Paul G.Wilson subsp. <i>deserti</i> Coll: Wildflower Society of WA WSWA X 4/52 Date: 25 August 2008
07837151 <i>Philotheca glabra</i> (Paul G.Wilson) Paul G.Wilson Coll: Wildflower Society of WA. CDR 40 Date: 28 August 2007
08199744 <i>Philotheca glabra</i> (Paul G.Wilson) Paul G.Wilson Coll: Wildflower Society of WA WSWA X 3/36 Date: 11 October 2008
08197954 <i>Philotheca nutans</i> (Paul G.Wilson) Paul G.Wilson Coll: D. Fuller WSWA Opp/12 Date: 24 September 2009
08199752 <i>Philotheca sericea</i> (Paul G.Wilson) Paul G.Wilson Coll: Wildflower Society of WA WSWA B 4/53 Date: 23 August 2008
07837143 <i>Philotheca thryptomenoides</i> (S.Moore) Paul G.Wilson Coll: Wildflower Society of WA CDR 41 Date: 29 August 2007
08199760 <i>Philotheca tomentella</i> (Diels) Paul G.Wilson Coll: Wildflower Society of WA WSWA X 2/4 Date: 25 August 2008

07837003 <i>Phlegmatospermum drummondii</i> (Benth.) O.E.Schulz Coll: Wildflower Society of WA CDR 49 Date: 28 August 2007	08198322 <i>Prostanthera magnifica</i> C.A.Gardner Coll: Wildflower Society of WA WSWA W Dam/opp7 Date: 12 October 2008
08194645 <i>Phyllangium sulcatum</i> Dunlop Coll: Wildflower Society of WA WSWA D 1/73 Date: 24 August 2008	08199000 <i>Prostanthera patens</i> B.J.Conn Coll: Wildflower Society of WA WSWA B 4/58 Date: 12 October 2008
08200033 <i>Pimelea aeruginosa</i> F.Muell. Coll: Wildflower Society of WA WSWA Y 4/7 Date: 12 October 2008	08194327 <i>Psammomoya implexa</i> Keighery Coll: Wildflower Society of WA WSWA W 1/36 Date: 11 October 2008
08200025 <i>Pimelea avonensis</i> Rye Coll: Wildflower Society of WA WSWA BW Opp/10A Date: 24 August 2008	08174776 <i>Pterostylis</i> sp. Coll: Wildflower Society of WA WSWA X 4/37 Date: 12 October 2008
08200017 <i>Pimelea microcephala</i> R.Br. subsp. <i>microcephala</i> Coll: Wildflower Society of WA WSWA A 6/5 Date: 23 August 2008	08175446 <i>Pterostylis</i> sp. Coll: Wildflower Society of WA WSWA C 1/12 Date: 24 August 2008
08199582 <i>Pimelea spiculigera</i> var. <i>thesioides</i> (S.Moore) Rye Coll: Wildflower Society of WA WSWA B 6/4 Date: 13 July 2008	08175462 <i>Ptilotus chamaecladus</i> Diels Coll: Wildflower Society of WA WSWA A 2/16 Date: 23 August 2008
08194319 <i>Pittosporum angustifolium</i> Lodd. Coll: Wildflower Society of WA WSWA A 6/3 Date: 25 August 2008	08175489 <i>Ptilotus drummondii</i> (Moq.) F.Muell. Coll: Wildflower Society of WA WSWA X 3/23 Date: 11 October 2008
08199353 <i>Plantago debilis</i> R.Br. Coll: Wildflower Society of WA WSWA A 6/32 Date: 23 August 2008	08198144 <i>Ptilotus drummondii</i> (Moq.) F.Muell. var. <i>drummondii</i> Coll: Wildflower Society of WA WSWA B 3/39 Date: 23 August 2008
08198845 <i>Podolepis canescens</i> DC. Coll: Wildflower Society of WA WSWA B 6/52 Date: 25 August 2008	08175403 <i>Ptilotus exaltatus</i> Nees Coll: Wildflower Society of WA WSWA Y 2/8 Date: 12 October 2008
08198829 <i>Podolepis capillaris</i> (Steetz) Diels Coll: Wildflower Society of WA WSWA X 4/11 Date: 12 October 2008	08175411 <i>Ptilotus gaudichaudii</i> (Steud.) J.M.Black var. <i>gaudichaudii</i> Coll: Wildflower Society of WA WSWA B 06/60 Date: 12 October 2008
08198837 <i>Podolepis lessonii</i> (Cass.) Benth. Coll: Wildflower Society of WA WSWA C 3/21 Date: 24 August 2008	08175381 <i>Ptilotus grandiflorus</i> F.Muell. Coll: Wildflower Society of WA WSWA BW Opp/sn. Date: 11 October 2008
08198810 <i>Podotheca angustifolia</i> (Labill.) Less. Coll: Wildflower Society of WA WSWA X 5 RV/41 Date: 11 October 2008	08175373 <i>Ptilotus helipteroides</i> (F.Muell.) F.Muell. Coll: Wildflower Society of WA WSWA B 06/65 Date: 23 August 2008
08198853 <i>Podotheca gnaphalioides</i> Graham Coll: Wildflower Society of WA WSWA A 6/35 Date: 25 August 2008	08174628 <i>Rhagodia drummondii</i> Moq. Coll: Wildflower Society of WA WSWA A 2/8 Date: 23 August 2008
08198861 <i>Podotheca uniseta</i> P.S.Short Coll: Wildflower Society of WA WSWA A 2/45 Date: 12 October 2008	08174660 <i>Rhagodia</i> sp. Watheroo (R.J. Cranfield & P.J. Spencer 8183) Coll: Wildflower Society of WA WSWA X 4/17 Date: 12 October 2008
08197997 <i>Pogonolepis muelleriana</i> (Sond.) P.S.Short Coll: Wildflower Society of WA WSWA NORD/5 Date: 12 October 2008	07828349 <i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i> (Hemsl.) Paul G.Wilson Coll: Wildflower Society of WA CDR 58 Date: 28 August 2007
08198004 <i>Pogonolepis stricta</i> Steetz Coll: Wildflower Society of WA WSWA D 4/20 Date: 24 August 2008	08198136 <i>Rhodanthe chlorocephala</i> subsp. <i>splendida</i> (Hemsl.) Paul G.Wilson Coll: Wildflower Society of WA WSWA HS Dam/20 Date: 25 August 2008
08198403 <i>Poranthera microphylla</i> Brongn. Coll: Wildflower Society of WA WSWA X 5 RV/40 Date: 11 October 2008	08198098 <i>Rhodanthe laevis</i> (A.Gray) Paul G.Wilson Coll: Wildflower Society of WA WSWA B 3/18 Date: 23 August 2008
08174784 <i>Prasophyllum gracile</i> Lindl. Coll: Wildflower Society of WA WSWA A 4/23 Date: 23 August 2008	08198012 <i>Rhodanthe manglesii</i> Lindl. Coll: Wildflower Society of WA WSWA D 1/6 Date: 24 August 2008
08198969 <i>Prostanthera althoferi</i> B.J.Conn subsp. <i>althoferi</i> Coll: Wildflower Society of WA WSWA W 4/30 Date: 11 October 2008	08198020 <i>Rhodanthe polycephala</i> (A.Gray) Paul G.Wilson Coll: Wildflower Society of WA WSWA C 4/12 Date: 24 August 2008
08198985 <i>Prostanthera campbellii</i> F.Muell. Coll: Wildflower Society of WA WSWA W 1/31 Date: 11 October 2008	07837372 <i>Rhodanthe pygmaea</i> (DC.) Paul G.Wilson Coll: Wildflower Society of WA CDR 48 Date: 28 August 2007
08198993 <i>Prostanthera eckersleyana</i> F.Muell. Coll: Wildflower Society of WA WSWA X 5/4 Date: 11 October 2008	

07837429 <i>Rhodanthe spicata</i> (Steetz) Paul G.Wilson Coll: Wildflower Society of WA CDR 4 Date: 29 August 2007
08198039 <i>Rhodanthe stricta</i> (Lindl.) Paul G.Wilson Coll: Wildflower Society of WA WSWA A 5/19 Date: 23 August 2008
08199671 <i>Ricinocarpos velutinus</i> F.Muell. Coll: Wildflower Society of WA WSWA A 1/11 Date: 23 August 2008
08174717 <i>*Rostraria pumila</i> (Desf.) Tzvelev Coll: Wildflower Society of WA WSWA A 5/46 Date: 23 August 2008
08200149 <i>Rulingia luteiflora</i> E.Pritz. Coll: Wildflower Society of WA WSWA C 3/Opp7 Date: 24 August 2008
08199310 <i>Scaevola hamiltonii</i> K.Krause Coll: Wildflower Society of WA WSWA W 1/34 Date: 11 October 2008
08199329 <i>Scaevola restiacea</i> Benth. subsp. <i>restiacea</i> Coll: Wildflower Society of WA WSWA Y 1/21 Date: 12 October 2008
07837488 <i>Scaevola spinescens</i> R.Br. Coll: Wildflower Society of WA CDR 13 Date: 28 August 2007
08198128 <i>Schoenia cassiniana</i> (Gaudich.) Steetz Coll: Wildflower Society of WA WSWA B 1/22 Date: 23 August 2008
08175063 <i>Schoenus nanus</i> (Nees) Benth. Coll: Wildflower Society of WA WSWA D 01/23 Date: 24 August 2008
08199450 <i>Schoenus sculptus</i> (Nees) Boeck. Coll: Wildflower Society of WA WSWA Dam/18 Date: 24 August 2008
08175055 <i>Schoenus subaphyllus</i> Kuk. Coll: Wildflower Society of WA WSWA W 2/41 Date: 11 October 2008
08174652 <i>Sclerolaena alata</i> Paul G.Wilson Coll: Wildflower Society of WA WSWA A 06/30 Date: 23 August 2008
08174644 <i>Sclerolaena cuneata</i> Paul G.Wilson Coll: Wildflower Society of WA WSWA A 5/8 Date: 23 August 2008
08174636 <i>Sclerolaena densiflora</i> (W.Fitzg.) A.J.Scott Coll: Wildflower Society of WA WSWA A 5/33 Date: 23 August 2008
08174563 <i>Sclerolaena diacantha</i> (Nees) Benth. Coll: Wildflower Society of WA WSWA Y 2/15 Date: 12 October 2008
08174555 <i>Sclerolaena drummondii</i> (Benth.) Domin Coll: Wildflower Society of WA WSWA Y 2/27 Date: 12 October 2008
08174547 <i>Sclerolaena eurotioides</i> (F.Muell.) A.J.Scott Coll: Wildflower Society of WA WSWA A 4/39 Date: 23 August 2008
08174539 <i>Sclerolaena fusiformis</i> Paul G.Wilson Coll: Wildflower Society of WA WSWA Y 3/s.n. Date: 12 October 2008
08199620 <i>Sclerolaena gardneri</i> (Ising) A.J.Scott Coll: Wildflower Society of WA WSWA HSTD/13 Date: 12 October 2008
08198055 <i>Senecio glossanthus</i> (Sond.) Belcher Coll: Wildflower Society of WA WSWA A 5/16 Date: 23 August 2008
08198063 <i>Senecio lacustrinus</i> I.Thomps. Coll: Wildflower Society of WA WSWA A 3/1 Date: 23 August 2008

07837100 <i>Senna artemisioides</i> subsp. <i>filifolia</i> Randell Coll: Wildflower Society of WA CDR 51 Date: 29 August 2007
08197903 <i>Senna flexuosa</i> (Randell) Randell Coll: Wildflower Society of WA WSWA Opp/14 Date: 12 October 2008
08199507 <i>Senna pleurocarpa</i> (F.Muell.) Randell Coll: Wildflower Society of WA WSWA HSTD/4 Date: 12 October 2008
07837097 <i>Senna</i> sp. Austin (A. Strid 20210) Coll: Wildflower Society of WA CDR 50 Date: 29 August 2007
08200165 <i>Sida calyxhymenia</i> DC. Coll: Wildflower Society of WA WSWA D 1/56 Date: 24 August 2008
08174458 <i>*Silene nocturna</i> L. Coll: Wildflower Society of WA WSWA A 5/34 Date: 23 August 2008
08198101 <i>Siloxerus multiflorus</i> (Nees) P.S.Short Coll: Wildflower Society of WA WSWA D 3/56 Date: 24 August 2008
08199493 <i>*Sisymbrium erysimoides</i> Desf. Coll: Wildflower Society of WA WSWA HSTD/20 Date: 12 October 2008
07837224 <i>Solanum lasiophyllum</i> Poir. Coll: Wildflower Society of WA. CDR 43 Date: 28 August 2007
08199043 <i>Solanum nummularium</i> S.Moore Coll: Wildflower Society of WA WSWA X 3/43 Date: 11 October 2008
08199051 <i>Solanum orbiculatum</i> Poir. subsp. <i>orbiculatum</i> Coll: Wildflower Society of WA WSWA A 2/33 Date: 23 August 2008
08174431 <i>*Spergularia rubra</i> (L.) J.Presl & C.Presl Coll: Wildflower Society of WA WSWA B 2/58 Date: 23 August 2008
07837267 <i>Stackhousia monogyna</i> Labill. Coll: Wildflower Society of WA CDR 65 Date: 29 August 2007
08200300 <i>Stackhousia monogyna</i> Labill. Coll: Wildflower Society of WA WSWA D 2/15 Date: 24 August 2008
08200254 <i>Stenanthemum poicilum</i> Rye Coll: Wildflower Society of WA WSWA X 5/8 Date: 11 October 2008
07836996 <i>Stenopetalum filifolium</i> Benth. Coll: Wildflower Society of WA CDR 6 Date: 28 August 2007
08199418 <i>Stylidium arenicola</i> Carlquist Coll: Wildflower Society of WA WSWA W 1/19 Date: 11 October 2008
08198438 <i>Stylidium confluens</i> Banyard & S.H.James Coll: Wildflower Society of WA WSWA Y 4/18 Date: 12 October 2008
08198446 <i>Stylidium warriedarensense</i> Lowrie, A.H.Burb. & Kenneally Coll: Wildflower Society of WA WSWA A 2/25 Date: 11 October 2008
08194718 <i>Swainsona perlonga</i> Joy Thomps. Coll: Wildflower Society of WA WSWA A 4/47 Date: 23 August 2008
08199159 <i>Synaptantha tillaeacea</i> (F.Muell.) Hook.f. Coll: Wildflower Society of WA WSWA D 2/70 Date: 24 August 2008

08174520 <i>Tecticornia disarticulata</i> (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson Coll: Wildflower Society of WA WSWA A 4/49 Date: 23 August 2008	07828357 <i>Triglochin isingiana</i> (J.M.Black) Aston Coll: Wildflower Society of WA CDR 55 Date: 28 August 2007
08174512 <i>Tecticornia doleiformis</i> (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson Coll: Wildflower Society of WA WSWA A 3/2 Date: 23 August 2008	08175152 <i>Triglochin isingiana</i> (J.M.Black) Aston Coll: Wildflower Society of WA WSWA D 01/70 Date: 24 August 2008
08174334 <i>Tecticornia halocnemoides</i> (Nees) K.A.Sheph. & Paul G.Wilson Coll: Wildflower Society of WA WSWA A 3/2 Date: 23 August 2008	08175136 <i>Triglochin longicarpa</i> (Ostenf.) Aston Coll: Wildflower Society of WA WSWA A 2/24 Date: 23 August 2008
08174326 <i>Tecticornia indica</i> subsp. <i>bidens</i> (Nees) K.A.Sheph. & Paul G.Wilson Coll: Wildflower Society of WA WSWA A 4/2 Date: 23 August 2008	08175144 <i>Triglochin</i> sp. Coll: Wildflower Society of WA WSWA A 3/22 Date: 23 August 2008
08174296 <i>Tecticornia loriae</i> K.A.Sheph. & M.Lyons Coll: Wildflower Society of WA WSWA A 3/16 Date: 23 August 2008	07836902 <i>Tripogon loliiformis</i> (F.Muell.) C.E.Hubb. Coll: Wildflower Society of WA CDR 60 Date: 29 August 2007
08174318 <i>Tecticornia pruinosa</i> (Paulsen) K.A.Sheph. & Paul G.Wilson Coll: Wildflower Society of WA WSWA A 4/33 Date: 23 August 2008	08199337 <i>Velleia cynopotamica</i> F.Muell. Coll: Wildflower Society of WA WSWA W 1/62 Date: 11 October 2008
08174350 <i>Tetragonia diptera</i> F.Muell. Coll: Wildflower Society of WA WSWA A 06/13 Date: 23 August 2008	08199345 <i>Velleia hispida</i> W.Fitzg. Coll: Wildflower Society of WA WSWA C 1/18 Date: 24 August 2008
08174342 <i>Tetragonia diptera</i> F.Muell. Coll: Wildflower Society of WA WSWA A 5/2 Date: 23 August 2008	07837364 <i>Velleia rosea</i> S.Moore Coll: Wildflower Society of WA CDR 14 Date: 28 August 2007
08174768 <i>Thelymitra antennifera</i> (Lindl.) Hook.f. Coll: Wildflower Society of WA WSWA D 01/14 Date: 24 August 2008	08198942 <i>Verticordia chrysantha</i> Endl. Coll: Wildflower Society of WA WSWA W 1/49 Date: 11 October 2008
08174741 <i>Thelymitra petrophila</i> Jeanes ms Coll: Wildflower Society of WA WSWA C 3/17 Date: 24 August 2008	08198950 <i>Verticordia interioris</i> A.S.George Coll: Wildflower Society of WA WSWA W 1/25 Date: 11 October 2008
08174733 <i>Thelymitra villosa</i> Lindl. Coll: Wildflower Society of WA WSWA Y 4/28 Date: 12 October 2008	08174709 <i>*Vulpia bromoides</i> (L.) Gray Coll: Wildflower Society of WA WSWA D 01/27 Date: 24 August 2008
08198888 <i>Thryptomene costata</i> Rye & Trudgen Coll: Wildflower Society of WA WSWA BR Opp/1 Date: 11 October 2008	08200068 <i>Wahlenbergia tumidifructa</i> P.J.Sm. Coll: Wildflower Society of W.A. WSWA A 5/23 Date: 23 August 2008
08174873 <i>Thysanotus</i> sp. Coll: Wildflower Society of WA WSWA C 2/22 Date: 24 August 2008	07837496 <i>Waitzia acuminata</i> Steetz var. <i>acuminata</i> Coll: Wildflower Society of WA CDR 5 Date: 28 August 2007
08174865 <i>Thysanotus</i> sp. Twining Wheatbelt (N.H. Brittan 81/29) Coll: Wildflower Society of WA WSWA W 1/26 Date: 11 October 2008	08199019 <i>Wrixonia prostantheroides</i> F.Muell. Coll: Wildflower Society of WA WSWA W 4/6 Date: 11 October 2008
08200092 <i>Trachymene ornata</i> (Endl.) Druce Coll: Wildflower Society of W.A. WSWA D 3/21 Date: 24 August 2008	08174830 <i>Wurmbea murchisoniana</i> T.Macfarlane Coll: Wildflower Society of WA WSWA B 4/10 Date: 23 August 2008
08174857 <i>Tricoryne</i> sp. Morawa (G.J. Keighery & N. Gibson 6759) Coll: Wildflower Society of WA WSWA X 4/52 Date: 12 October 2008	08197962 <i>Wurmbea tenella</i> (Endl.) Benth. Coll: Wildflower Society of WA WSWA D 1/Opp13 Date: 12 July 2008
08174849 <i>Tricoryne</i> sp. Morawa (G.J. Keighery & N. Gibson 6759) Coll: Wildflower Society of WA WSWA X 5/26 Date: 11 October 2008	08174687 <i>Xerolirion divaricata</i> A.S.George Coll: Wildflower Society of WA WSWA C 3/s.n. Date: 24 August 2008
08194726 <i>*Trifolium glomeratum</i> L. Coll: Wildflower Society of WA WSWA Dam/9 Date: 24 August 2008	08194750 <i>Zygophyllum fruticosum</i> DC. Coll: Wildflower Society of WA WSWA A 2/10 Date: 23 August 2008
	08194777 <i>Zygophyllum ovatum</i> Ewart & Jean White Coll: Wildflower Society of WA WSWA Y 2/39 Date: 12 October 2008
	08194769 <i>Zygophyllum retivalve</i> Domin Coll: Wildflower Society of WA WSWA B 1/36 Date: 23 August 2008