

**A Preliminary Vegetation Map and Flora List for  
Recommendation C 53 Shire of Waroona**

**September, 1994**

**G.J. Keighery 1, B.J. Keighery 2 and N.G. Gibson 1**

**1 Dept. Conservation and Land Management  
Wildlife Research Centre, Woodvale  
P.O. Box 51, Wanneroo, 6065**

**2.224 Hamersley Road  
Subiaco, 6008**



A Preliminary Vegetation Map and Flora List for Recommendation C 53  
Shire of Waroona  
G.J. Keighery 1, B.J. Keighery 2 and N.G. Gibson 1

1 Dept. Conservation and Land Management  
Wildlife Research Centre, Woodvale  
P.O. Box 51, Wanneroo, 6065

2.224 Hamersley Road  
Subiaco, 6008

#### Introduction

The study area comprises a narrow strip of land commencing about 2 kilometres north of Waroona, approximately 100 kilometres south of Perth (Figure 1). It is listed in the CTRC review of reserves of System Six are as C53 (Annon, 1983).

#### Vegetation and Flora

##### Vegetation

The vegetation of the area (Figure 2) contains a small area of Jarrah woodland on sandy soils in the north-east sector. This grades into tall to low Marri woodland on lateritic loams (north-east section only) or sandy clays (southern sector), winter wet sand over clays or sandy clays. Other wetter areas have an open low woodland of *Melaleuca preissiana* over *Kingia australis* or dense stands of *Pericalymma elliptica*. Lateritic clays or clays have a shrubland of *Viminaria* or a mixed heathland of *Verticordia* species. Claypans are either open or a open to dense shrublands of *Melaleuca viminea*.

##### Flora

A flora list of 435 taxa (including 55 weeds), has been made within the boundaries of the area. These records are listed under the structural vegetation communities listed above in Table one.

##### Declared Rare Flora

Three species of declared rare flora occur within the site.

##### *Schoenus natans*

Previously presumed extinct species. The population is large.  
(further information is held in the species file)

##### *Aponogeton hexatepalus*

The area contains the largest known population of this species, occurring in the same area as *Schoenus natans*.

##### *Centrolepis caespitosa*

This species is also present in the same area as the previous species, but has not been surveyed in detail. This is still often listed as presumed extinct, but extends from Perth to the Stirling Range area.

##### Significant species

##### Priority Species

The following are listed on CALM's list of priority flora:

*Anthotium junciforme*

*Eleocharis ?orbicis*

*Schoenus capillifolius*

*Schoenus sp (GK 12,721)*

*Tribonanthes uniflora*

*Eryngium pinnatifidum ssp. palustris*

*Eryngium subdecumbens*

*Hyalospermum pyrethriflorum*



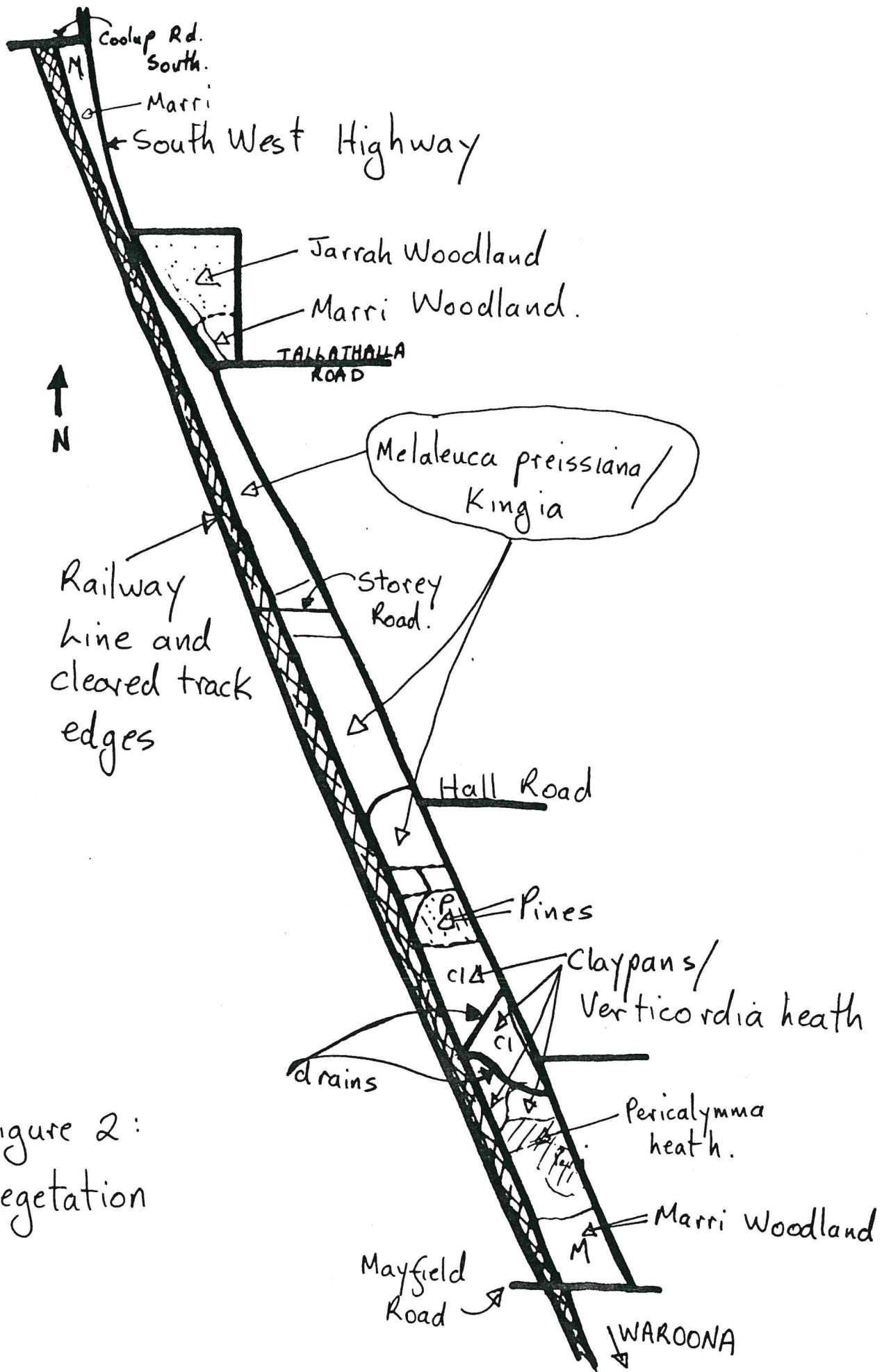


Figure 2:  
Vegetation

*Anthotium junciforme*  
*Myriophyllum echinatum*  
*Villarsia submersa*  
*Petrophile media* var *junciforme*

Poorly Known Species and Geographically Significant Species, abound in the area.

1) Poorly Known Species

The poulation of *Mitrasacme paradoxa* is the first record on the coastal plain since the type collection in 1905. One other population is known from the Beaufort River area.

The record of *Aristida racemosa* is the only record on the plain. There is a 30 year old record (the only other)from Serpentine.

*Chaemascilla spiralis* ssp. nov (-also known from Brixton St., and Ellen Brook), *Schoenus* sp (GK 13,721-also known from Mundijong Rd. and Brixton St.) and *Pogonolepis* sp ( Also from Mundijong Rd. ) appear to be previously unrecognised taxa confined to the Eastern Swan Coastal Plain, now confined to small bushland remnants.

2) Geographically Significant Species

The following are normally associated with the Darling Scarp and/or Jarrah forest, and are uncommon on the Swan Coastal Plain, being found only on the eastern side of the plain.

<i>Acanthocarpus cannaliculatus</i>	<i>Acacia dentifera</i>
<i>Lomandra brittanii</i>	<i>Acacia latericola</i>
<i>Lomandra purpurea</i>	<i>Acacia urophylla</i>
<i>Lomandra sonderi</i>	<i>Darwinia citriodora</i>
<i>Tribonanthes brachypetala</i>	<i>Verticordia huegelii</i>
<i>Caladenia filamentosa</i>	<i>Verticordia pennigera</i>
<i>Thelymitra antennifera</i>	<i>Bossiaea aff. eriocarpa</i>
<i>Agrostocrinum scabrum</i>	<i>Daviesia longifolia</i>
	<i>Kennedia coccinea</i>
<i>Pentapeltis peltigera</i>	<i>Grevillea bipinnatifida</i>
<i>Trichocline scapigera</i>	<i>Grevillea pilulifera</i>
<i>Wahlenbergia multicaulis</i>	<i>Isopogon asper</i>
<i>Astroloma ciliatum</i>	<i>Persoonia elliptica</i>
<i>Stachystemon vermicularis</i>	<i>Thomasia grandiflora</i>
<i>Lechenaultia biloba</i>	<i>Stylidium amoenum</i>
	<i>Stylidium canaliculatum</i>

The records of *Caladenia filamentosa*, *Acacia latericola* and *Daviesia longifolia* appear to be the only extant records of these species on the Swan Coastal Plain. The records of *Wahlenbergia multicaulis* and *Bossiaea aff. eriocarpa* are rarely recorded on the coastal plain in public lands.

Occurrences of the following species on the Swan Coastal Plain are confined to the heavy soils of the eastern side of the plain. Generally these species are confined to very small remnants of native vegetation.

<i>Wurmbea dioica</i> ssp. <i>alba</i>
<i>Schoenus benthamii</i>
<i>Schoenus bifidus</i>
<i>Stipa tenuifolia</i>
<i>Lomandra odora</i>
<i>Haemodorum sparsiflorum</i>
<i>Tribonanthes uniflora</i>

*Opercularia apiciflora*  
*Stylidium carnosum*  
*Stylidium ecorne*

**References**

Annon (1983) Conservation Reserves for Western Australia. The Darling System-System Six. Part 2: Recommendations for Specific Localities.

**Acknowledgements**

This area was surveyed as part of the Swan Coastal Plain Survey, partially funded by a grant from the Australian Heritage Commission.

## APPENDIX ONE: WAROONA C53 FLORA LIST

## KEY

- 1: MELALEUCA VIMINEA CLAYPANS
  - 2: MARRI WOODLAND
  - 3: JARRAH WOODLAND
  - 4: MELALEUCA LOW WOODLAND OVER PERICALYMMMA OR VIMINARIA
  - 5: DISTURBED AREAS; PINES, DRAINS, ROADVERGES, TRACKS

Rare or priority taxa are given in bold face

Species listed in text as significant are underlined

**TAXON** **Vegetation Type**  
**PTERIDOPHYTA (ferns)**

<i>Pilularia novae-hollandiae</i>	1
<i>Pteridium esculentum</i>	2
<i>Selaginella gracillima</i>	1
<i>Isoetes australis</i>	1
<i>Cheilanthes austrotenuifolia</i>	2

## **GYMNOPHYTA**

ZAMIACEAE

Macrozamia reidlei 2

## **ANGIOSPERMÆ (flowering plants)**

## MONOCOTYLEDONS

## AMARYLLIDACEAE

### \*Amaryllis belladonna

## **ANTHERICAEAE**

<i>Arthropodium capillipes</i>	2
<i>Arthropodium preissii</i>	1
<i>Borya scirpioidea</i>	1,2,3,4
<i>Borya sphaerocephala</i>	1
<i>Caesia micrantha</i>	1,3
<i>Caesia occidentalis</i>	1,4
<i>Chaemascilla corymbosa</i>	2
<i>Chaemascilla spiralis</i>	
ssp nov	1
<i>Corynotheca micrantha</i>	3
<i>Sowerbaea laxiflora</i>	1,2,3,4
<i>Thysanotus dichotomus</i>	1,3
<i>Thysanotus multiflorus</i>	3
<i>Thysanotus patersonii</i>	1,2
<i>Thysanotus sparteus</i>	2,3
<i>Thysanotus thyrsoides</i>	2,3
<i>Thysanotus triandrus</i>	3
<i>Tricoryne elatior</i>	2,3
<i>Tricoryne tenella</i>	3

## **APONOGETONACEAE**

**Aponogeton hexatepalus** 1

## ASPARGACEAE

\**Myrsiphyllum asparagoides* 3

## CENTROLEPIDACEAE

<i>Aphelia cyperoides</i>	3
<i>Brizula drummondii</i>	1
<i>Brizula nutans</i>	1
<i>Centrolepis alepyroides</i>	1
<i>Centrolepis caespitosa</i>	1
<i>Centrolepis aristata</i>	1, 2, 3
<i>Centrolepis drummondii</i>	3
<i>Centrolepis glabra</i>	1
<i>Centrolepis mutica</i>	1
<i>Trithuria bibracteata</i>	1
<i>Trithuria submersa</i>	1

## COLCHICACEAE

<i>Burchardia umbellata</i>	2, 3
<i>Burchardia multiflora</i>	1
<i>Wurmbea dioica ssp.</i>	
<i>alba</i>	1

## CYPERACEAE

<i>Baumea acuta</i>	1
<i>Baumea juncea</i>	4
<i>Baumea preissii</i>	1, 4
<i>Chorizandra enodis</i>	1
<i>Cyathochaeta avenaceae</i>	2, 3
<i>Cyperus alterniflorus</i>	1
<i>Cyperus tenellus</i>	1, 4
<i>Eleocharis ?orbicis</i>	1
<i>Isolepis cernua</i>	1
<i>Isolepis marginata</i>	2
<i>Isolepis oldfieldiana</i>	1, 2
<i>Lepidosperma angustatum</i>	3
<i>Lepidosperma longitudinale</i>	1, 4
<i>Mesomaelaena graciliceps</i>	2, 3
<i>Mesomelaena ?stygia</i>	2
<i>Mesomelaena tetragona</i>	2
<i>Schoenus benthamii</i>	4
<i>Schoenus bifidus</i>	1
<i>Schoenus capillifolius</i>	1
<i>Schoenus curviflorus</i>	2, 3
<i>Schoenus humilis</i>	1
<i>Schoenus natans</i>	1
<i>Schoenus odontocarpus</i>	1
<i>Schoenus rigens</i>	4
<i>Schoenus tenellus</i>	1
<i>Schoenus unispiculatus</i>	2, 3
<i>Schoenus sp(GK 13,721)</i>	1
<i>Tetraria octandra</i>	2, 3
<i>Tetraria capillaris</i>	1
<i>Trichostularia neesii</i>	4

## DASYPOGONACEAE

<i>Acanthocarpus canaliculatus</i>	2
<i>Calectasia cyanea</i>	3
<i>Dasypteron bromeliifolius</i>	2
<i>Kingia australis</i>	2, 3, 4
<i>Lomandra brittanii</i>	2
<i>Lomandra caespitosa</i>	2, 3
<i>Lomandra hermaphrodita</i>	3
<i>Lomandra micrantha</i>	2, 4

<u>Lomandra odora</u>	2
<u>Lomandra preissii</u>	2
<u>Lomandra purpurea</u>	2
<u>Lomandra sericea</u>	2
<u>Lomandra sonderi</u>	2
<u>Lomandra suaveolens</u>	3

#### HAEMODORACEAE

Anigozanthos manglesii	3
Anigozanthos manglesii x viridis	2
Anigozanthos viridis	2
Conostylis aculeata	
ssp. aculeata	2,3,4
Conostylis juncea	2,3
Conostylis setigera	2,4
Haemodorum laxum	2,3
<u>Haemodorum sparsiflorum</u>	1,2
Haemodorum spicatum	2,3
Haemodorum paniculatum	3
Haemodorum simplex	1
Phelbocarya ciliata	2,3
Tribonanthes australis	1
<u>Tribonanthes brachypetala</u>	4
<u>Tribonanthes uniflora</u>	1

#### HYPOXIDACEAE

Hypoxis occidentalis	1
Hypoxis glabella	1,2

#### IRIDACEAE

*Babiana stricta	1,5
*Chasmanthe floribunda	5
Patersonia juncea	2
Patersonia occidentalis	3,4
*Romulea rosea var rosea	2,3,4,5
*Romulea rosea	
var australis	1
*Sparaxis bulbifera	1,5
*Watsonia bulbillifera	2
*Watsonia marginata	1,5

#### JUNCACEAE

Juncus articulatus	1
Juncus bufonius	1
*Juncus capitatus	2,3
Juncus holoschoenus	1,2

#### JUNCAGINACEAE

Triglochin calcitrapa	1,2
Triglochin centrocarpa	2
Triglochin procera	1,2

#### ORCHIDACEAE

Acianthus reniformis var. huegelii	2
<u>Caladenia filamentosa</u>	2
Caladenia flava	3
Caladenia longicauda	2,3
Lyperanthus nigricans	2,3
Lyperanthus serratus	2
Diuris carinata	1
Diuris longifolia	2

<i>Eriochilus heleomos</i>	1
<i>Leporella fimbriata</i>	2, 3
<i>Microtis atrata</i>	1
<i>Microtis media</i>	3
<i>Microtis orbicularis</i>	1
<i>Prasophyllum cyphochilum</i>	1
<i>Prasophyllum drummondii</i>	1
<i>Prasophyllum ?hians</i>	3
<i>Prasophyllum parviflorum</i>	3
<i>Prasophyllum macrostachyum</i>	2, 3
<i>Pterostylis nana</i>	3
<i>Pterostylis vittata</i>	3
<u><i>Thelymitra antennifera</i></u>	1
<i>Thelymitra crinita</i>	3
<i>Thelymitra flexuosa</i>	1
<i>Thelymitra pauciflora</i>	2

PHORMIACEAE

<u><i>Agrostocrinum scabrum</i></u>	2, 3
<i>Dianella divaricata</i>	3

PHILYDRACEAE

<i>Philydrella drummondii</i>	1
<i>Philydrella pygmaea</i>	1, 4

POACEAE

<i>Agrostis avenacea</i>	1
<i>Agrostis preissii</i>	1
<i>Agrostis ?pleibea</i>	1
* <i>Aira caryophyllea</i>	1, 2, 3, 4
<i>Amphibromus neesii</i>	1
<i>Amphipogon amphipogonoides</i>	1
<i>Amphipogon debilis</i>	1
<i>Amphipogon turbinatus</i>	3
* <i>Anthoxanthum odoratum</i>	1
<i>Aristida racemosa</i>	2, 4
* <i>Avena fatua</i>	1
* <i>Briza maxima</i>	3
* <i>Briza minor</i>	1, 2, 3
<i>Bromus maderitensis</i>	1
* <i>Bromus ?diandrus</i>	1
* <i>Cynodon dactylon</i>	1, 5
<i>Danthonia setacea</i>	2, 3, 4
* <i>Ehrharta calycina</i>	3
* <i>Ehrharta longiflora</i>	3
* <i>Lolium multiflora</i>	1
<i>Microlaena stipoides</i>	2, 3
<i>Neurachne alopecuroidea</i>	1, 2, 3
<i>Polypogon tenellus</i>	1
* <i>Poa annua</i>	1, 2
<i>Poa drummondiana</i>	3
<i>Stipa compressa</i>	2, 3
<i>Stipa semibarbata</i>	2, 3
<u><i>Stipa tenuifolia</i></u>	1
<i>Tetrarrhena laevis</i>	2
* <i>Vulpia membranacea</i>	1
* <i>Vulpia myuros</i>	1, 2

RESTIONACEAE

<i>Hypolaena exsulca</i>	2, 3
<i>Leptocarpus canus</i>	1
<i>Leptocarpus co-angustatus</i>	1
<i>Leptocarpus royciei</i>	4

<i>Lepyrodia macra</i>	4
<i>Lepyrodia muirii</i>	1
<i>Loxocarya cinerea</i>	3
<i>Loxocarya fasicularis</i>	3
<i>Lyginia barbarta</i>	2,3

**TYPHACEAE**

<i>Typha domingensis</i>	1
--------------------------	---

**XANTHORRHOEACEAE**

<i>Xanthorrhoea brunonis</i>	2,3
<i>Xanthorrhoea preissii</i>	3,4

**DICOTYLEDONS**

**AMARANTHACEAE**

<i>Ptilotus drummondii</i>	2
<i>Ptilotus polystachyus</i>	3
<i>Ptilotus</i> sp	3

**APIACEAE**

<i>Eringium pinnatifidum</i>	
ssp. <i>pinnatifidum</i>	2,3
<i>Eryngium pinnatifidum</i>	
ssp. <i>palustris</i>	1
<i>Eryngium subdecumbens</i>	1
<i>Homalosciadium homalocarpum</i>	2
<i>Hydrocotyle callicarpa</i>	1,2
<i>Hydrocotyle diantha</i>	4
<i>Hydrocotyle callicarpa</i>	2
<i>Pentapeltis peltigera</i>	2,3
<i>Schoenolaena juncea</i>	1,4
<i>Trachymene pilosa</i>	3
<i>Xanthosia huegelii</i>	2,3

**ASTERACEAE**

<i>Brachycome bellidioides</i>	1
<i>Cotula coronopifolia</i>	1
<i>Cotula cotuloides</i>	1
* <i>Dittrichia graveolens</i>	5
<i>Gnaphalium</i> sp	3
<i>Gnaphalium sphaericum</i>	3
<i>Hyalospermum cotula</i>	1,2,4
<i>Hyalospermum pyrethrum</i>	1
* <i>Hypochaeris glabra</i>	2,3,4,5
<i>Lagenifera hugelii</i>	3
<i>Millotia tenuifolia</i>	3
<i>Myriocephalus</i>	
helichrysioides	1
<i>Myriocephalus isoetes</i>	1
<i>Olearia paucidentata</i>	3,4
<i>Podolepis gracilis</i>	2,3
<i>Podolepis gracilis</i> (Swamp)	1
<i>Pogonolepis stricta</i> (green)	1
<i>Pogonolepis</i> sp (GK13,741)	1
<i>Quinetia urvillei</i>	3
<i>Senecio minimus</i>	3,4
<i>Siloxerus humifusus</i>	2,3
* <i>Sonchus oleraceus</i>	2
<i>Trichocline scapigera</i>	4
<i>Trichocline</i> sp	1
* <i>Ursinia anthemoides</i>	3

Waitzia suaveolens	3
BRASSICACEAE	
*Brassica tournefortii	5
CAMPANULACEAE	
*Wahlenbergia capensis	3
Wahlenbergia preissii	2,3
<u>Wahlenbergia multicaulis</u>	2
CALLITRICHACEAE	
Callitricha stagnalis *	1
Callitricha hamata *	1
* New record Perth Region.	
CARYOPHYLLACEAE	
*Cerastium glomeratum	5
*Petrohagia velutina	5
*Silene nocturna	5
*Stellaria media	5
CASUARINACEAE	
Allocasuarina humilis	2,3
CONVOLVULACEAE	
*Cuscuta epithymum	1
CRASSULACEAE	
Crassula colorata	2,3,4
Crassula exserta	3
*Crassula natans	1
Crassula pedicellosa	1
DILLENIACEAE	
Hibbertia acerosa	2,3
Hibbertia hypericoides	2,3
Hibbertia stellaris	4
Hibbertia subvaginata	3
Hibbertia vaginata	2
DROSERACEAE	
Drosera bulbigena	1,2
Drosera erythrorrhiza	2,3
Drosera gigantea	1,2,4
Drosera glanduligera	3
Drosera macrantha	3
Drosera marchantii	1,2
Drosera menziesii	2,3
Drosera nitidula	1
Drosera pulchella	1
Drosera rostulata	1
Drosera stolonifera	2,3
Drosera tubaestylis	1,2,3
Drosera zonaria	3
ELATINACEAE	
Elatine gratio loides *	1
* New Record Perth Area — Prev. Boyanup.	
EPACRIDACEAE	
<u>Astroloma ciliatum</u>	3
Astroloma pallidum	2,3,4
Leucopogon propinquus	2,3
Lysinema ciliatum	3

EUPHORBIACEAE	
* <i>Euphorbia peplus</i>	5
<i>Phyllanthus calycinus</i>	3
<i>Poranthera microphylla</i>	2,3
<u><i>Stachystemon vermicularis</i></u>	4
GENTIANACEAE	
* <i>Centaurium erythraea</i>	1,2,3
* <i>Cicendea filiformis</i>	1
GERANIACEAE	
* <i>Erodium cicutarium</i>	2,3
<i>Geranium solanderi</i>	2
* <i>Pelargonium capitatum</i>	5
<i>Pelargonium littorale</i>	3
GOODENIACEAE	
<i>Anthotium junciforme</i>	1
<i>Dampiera alata</i>	2,3
<i>Dampiera linearis</i>	2,3,4
<i>Goodenia caerulea</i>	3
<i>Goodenia micrantha</i>	1
<i>Goodenia pulchella</i>	2,3
<i>Lechenaultia biloba</i>	3
<i>Scaevola lanceolata</i>	3
<i>Scaevola phlebopetala</i>	3
<i>Vellea trinervis</i>	1
HALORAGACEAE	
<i>Gonocarpus pithyoides</i>	3
<i>Myriophyllum echinatum</i>	1
LAMIACEAE	
<i>Hemianandra pungens</i>	4
LAURACEAE	
<i>Cassytha flava</i>	4
<i>Cassytha glabella</i>	4
<i>Cassytha pomiformis</i>	1
<i>Cassytha racemosa</i>	3
LENTIBULARIACEAE	
<i>Polypomphylx multifida</i>	1,4
<i>Polypomphylx tenella</i>	1,4
LOBELIACEAE	
<i>Isotoma hypocratiformis</i>	2,3
<i>Isotoma pusilla</i>	1
<i>Isotoma scapigera</i>	1
<i>Lobelia tenuior</i>	2,3
LOGANIACEAE	
<i>Mitrasacme paradoxa</i>	3
<i>Mitrasacme palustris</i>	1
LORANTHACEAE	
<i>Nuytsia floribunda</i>	2,3
MALVACEAE	
MENYANTHACEAE	
<i>Villarsia submersa</i>	1

**MIMOSACEAE**

<i>Acacia appianata</i>	3
<i>Acacia barbinervis</i>	2
<i>Acacia dentifera</i>	2
<i>Acacia extensa</i>	4
<i>Acacia huegelii</i>	2, 3
<u><i>Acacia latericola</i></u>	2
<i>Acacia lasiocarpa</i>	2
<i>Acacia nervosa</i>	2, 3
<i>Acacia pulchella</i>	
var. <i>glaberrima</i>	2, 3
<i>Acacia incurva</i>	2
<i>Acacia saligna</i>	2, 3
<i>Acacia stenoptera</i>	3
<u><i>Acacia urophylla</i></u>	2

**MYOPORACEAE**

<i>Eremophila glabra</i>	4
--------------------------	---

**MYRTACEAE**

<i>Astartea fasicularis</i>	1, 4
<i>Baeckea camphorosmae</i>	3
<i>Calytrix angulata</i>	3
<u><i>Darwinia citriodora</i></u>	2
<i>Eucalyptus calophylla</i>	2, 3
<i>Eucalyptus marginata</i>	2, 3
<i>Hypocalymma angustifolium</i>	4
<i>Hypocalymma robustum</i>	3
<i>Kunzea micrantha</i>	2, 3, 4
<i>Kunzea recurva</i>	3
* <i>Leptospermum laevigatum</i>	5
<i>Melaleuca lateritia</i>	1
<i>Melaleuca leptoclada</i>	1
<i>Melaleuca preissiana</i>	4
<i>Melaleuca viminea</i>	1
<i>Melaleuca thymoides</i>	1
<i>Pericalymma elliptica</i>	1, 4
<i>Verticordia densiflora</i>	1, 4
<u><i>Verticordia huegelii</i></u>	1
<u><i>Verticordia pennigera</i></u>	1
<i>Verticordia serrata</i>	1

**ONAGRACEAE**

* <i>Oenothera glaznowiana</i>	5
--------------------------------	---

**OROBANCHACEAE**

* <i>Orobanche minor</i>	2, 3
--------------------------	------

**OXALIDACEAE**

<i>Oxalis perennans</i>	4
* <i>Oxalis polyphylla</i>	2
* <i>Oxalis purpurea</i>	2, 5

**PAPILIONACEAE**

<i>Bossiaea eriocarpa</i>	2, 3
<u><i>Bossiaea aff. eriocarpa</i></u>	2, 3
<i>Burtonia conferta</i>	3
<i>Daviesia angulata</i>	2, 3

Daviesia inflata	2
<u>Daviesia longifolia</u>	2
Daviesia physodes	2
Daviesia preissii	2, 3
Eutaxia virgata	1
Gompholobium aristatum	3
Gompholobium marginatum	3
Gompholobium polymorphum	3
Hardenbergia comptoniana	3
Hovea trisperma	3
Isotropis cuneifolia	3
Jacksonia angulata	2
Jacksonia sternbergiana	3
<u>Kennedia coccinea</u>	3
Kennedia prostrata	3
*Lotus angustissimus	1, 2, 3
*Medicago polymorpha	5
Nemcia capitatum	3
*Ornithopus compressus	1, 2
Sphaerolobium ?medium	3
Templetonia biloba	3
*Trifolium campestre	1, 2, 3
*Trifolium arvense	2
Viminaria juncea	1, 4

PITTOSPORACEAE

Pronaya fraseri	2, 3
-----------------	------

POLYGALACEAE

Comesperma calymega	4
Comesperma ?polygaloides	1
Comesperma virgatum	3

POTULACACEAE

Calandrinia brevipedata	3
Calandrinia corrigioloides	3
Calandrinia granulifera	3

PRIMULACEAE

*Anagallis arvensis	1, 2, 4
---------------------	---------

PROTEACEAE

Adenanthes meisneri	2, 3
Banksia grandis	2, 3
Conospermum capitatum	3
Conospermum stoechadis	3
Dryandra nivea	3
<u>Grevillea bipinnatifida</u>	2, 4
<u>Grevillea pilulifera</u>	3
Hakea ceratophylla	1, 4
Hakea incrassata	4
Hakea lissocarpha	3
Hakea prostrata	3
Hakea sulcata	4
Hakea varia	4
<u>Isopogon asper</u>	2
<u>Persoonia elliptica</u>	3
Persoonia saccata	3
Petrophile linearis	3
Petrophile media	
var juncifolia	2

<i>Stirlingia latifolia</i>	2,3,4
<i>Synaphea petiolaris</i>	2,3
<i>Xylomelon occidentale</i>	3
<b>RUBIACEAE</b>	
* <i>Galium murale</i>	3
<u><i>Opercularia apiciflora</i></u>	2,3
<i>Opercularia vaginata</i>	3
<b>RUTACEAE</b>	
<i>Boronia crenulata</i>	3
<i>Boronia spathulata</i>	2,4
<i>Eriostemon spicatus</i>	2,3
<b>SANTALACEAE</b>	
<i>Leptomeria empetriformis</i>	2
<b>SCROPHULARIACEAE</b>	
<i>Glossostigma drummondii</i>	1
<i>Grattiola peruviana</i>	1
* <i>Bellardia trixago</i>	1,5
* <i>Parentucellia latifolia</i>	4,5
<b>SOLANACEAE</b>	
* <i>Solanum nigrum</i>	2,5
<b>STACKHOUSIACEAE</b>	
<i>Stackhousia pubescens</i>	3
<i>Triterococcus brunonis</i>	2
<b>STERCULIACEAE</b>	
<u><i>Thomasia grandiflora</i></u>	3
<b>STYLIDIACEAE</b>	
<i>Levenhookia pusilla</i>	1
<i>Levenhookia stipitata</i>	3
<u><i>Stylium amoenum</i></u>	2
<i>Stylium brunonianum</i>	2,3
<i>Stylium calcaratum</i>	2,3
<u><i>Stylium cannaliculatum</i></u>	1
<u><i>Stylium carnosum</i></u>	2
<u><i>Stylium crassifolium</i></u>	1
<i>Stylium dichotomum</i>	1
<i>Stylium divaricatum</i>	1
<u><i>Stylium ecorne</i></u>	1
<i>Stylium junceum</i>	2
<i>Stylium mimeticum</i>	1
<i>Stylium piliferum</i>	2,3
<i>Stylium repens</i>	3
<i>Stylium roseo-nanum</i>	1
<i>Stylium utricularioides</i>	1
<b>THYMELAEACEAE</b>	
<i>Pimelea imbricata</i> var major	1
<b>VIOLACEAE</b>	
<i>Hybanthus calycinus</i>	3