

Taxa known from Whitewells

Woodlands, Pindar

Acacia acanthoclada subsp. *glaucescens* Priority 3
80 km S of Paynes Find, Blackall 8.9.38 (see *Grevillea subtiliflora* same location and date)
Sometimes grows in shrubland in York Gum woodland.

Euryomyrtus recurva Priority 3
57.9 km and 59.6 km N of Wubin on Great Northern Highway
Yellow brown sandy clay. *Eucalyptus leptopoda* woodland over *Acacia burkittii* shrubland over *Phebalium tuberculosum*, *P. canaliculum*, *Philotheca tomentellus*, *P. nutans* and *P. sericeus*

? Joseph

Grevillea subtiliflora Priority 1
50 mls S of Paynes Find
Blackall 8.9.1938.

Tall shrubland usually, sometimes with York Gum
Possibly on Gabanintha

Persoonia pentasticha Priority 2
210 ml peg, N from Wubin, (c. 17 km SSW of turnoff to Perenjori)
10.8.1963

1.3 m tall, buds yellowish. In thickets. Mulga-like scrub
J.S.Beard 2607

Also on lower slopes of Mt Singleton Range and quartz hill, SE end of range on Mt Gibson Station, york gum woodland, brown loam or *Acacia*, *Allocasuarina* shrubland, brown loam. Moriarty

Philotheca nutans Priority 1
Whitewells Station(c. 5 km SW of homestead)
26.8.1993
Sandy loam plain, 50 cm over hardpan
A.L.Payne 3851

57.9 km and 59.6 km N of Wubin on Great Northern Highway
Yellow brown sandy clay. *Eucalyptus leptopoda* woodland over *Acacia burkittii* shrubland over *Phebalium tuberculosum*, *P. canaliculum*, *Philotheca tomentellus* and *P. sericeus*

J. Armstrong 7031 13.9.1990, S.Patrick 1852 14.7.1994
Yowie

Sandplain CZS

Acacia formidabilis Priority 3
Whitewells, near Ninghan, 10.8.1960
In sand, shrub 20-30 cm.

C.A.Gardner 12500
? yellow sandplain in area of homestead
? requires disturbance

?Pindar

Comesperma griffinii Priority 2

Comesperma griffinii

Priority 2

c. 60 km direct NE of Wubin, c. 19 km direct SW of Mt Gibson, 1.5 km E of highway
along road to Mt Gibson goldmine. 24.10.1992

Herbfield, flat sandplain, open aspect. Yellow sand

Lyne, Craven & Zich AML 864

Eneabba, SE of Dalwallinu, SW of Mullewa

Also in tree mallee on clay loam, low heath on grey sand.

? requires disturbance

?Joseph

Verticordia venusta

Priority 3

20 km SSW of Mt Gibson 21.11.1992

Yellow clayey sand, open shrubland

Cranfield 8520 ? on highway or Mt Gibson Station

Also 2 km W of highway on Wanarra-Perenjori Road

?Bannar

May occur on Whitewells, known from the area

Woodlands

Grevillea granulosa

Priority 3

Occurs West of Whitewells, east of Perenjori, Jibberding, Paynes Find

Sand, clay or loam over granite, laterite or sandstone, Acacia shrubland or york gum woodland

Cryptandra imbricata

Priority 3

Paynes Find, Mt Gibson Station

Sandy clay loam, red, Acacia shrubland, mallees or yorkgum.

Yellow sandplain with shrubland CZS

Acacia isoneura subsp. *nimia*

Priority 3

Acacia nigripilosa

subsp. *latifolia*

Priority 3

Acacia scalena

Priority 3

? requires disturbance

Astartea clavifolia

Priority 2

Baeckea sp. *Bunjil*

Priority 1

Calytrix plumulosa

Priority 3 (also on red loam)

Goodenia perryi

Priority 3

? requires disturbance

Grevillea asparagoides

Priority 3

Jacksonia velutina

Priority 4

Lechenaultia galactites

Priority 3

? requires disturbance

Pityrodia axillaris

Priority DRF

Mainly Caron to Buntine, also Lake Moore. Yellow sand, *Allocasuarina campestris* shrubland, *Verticordia venusta*, *Lechenaultia galactites*, *Acacia scalena*

? yellow sandplain in area of homestead

Requires disturbance

Urodon capitatus

Priority 3

Requires disturbance

Red sand or sandy clay in *Acacia* shrubland

Acacia inceana subsp. *latifolia*

Priority 1

Sand over laterite, ridges

Stylidium coroniforme

DRF

Flats on loamy sands near drainage lines or lakes

Eremophila viscida

DRF

Eremaean Landsystem

Saltlake system on saline flats

<i>Gnephosis setifera</i>	Priority 1
<i>Angianthus micropodioides</i>	Priority 3
<i>Chamelaucium conostigmum</i>	Priority 3

Gabanthina and Moriarty Greenstones Aba

Presence of basalt, dolerite, jaspalite and greenstone on the hills in the north east corner of Whitewells Station may indicate the occurrence of a number of restricted species which are found mainly further to the east and northeast. None of these have yet been found on Whitewells but I have undertaken no survey work in that area for priority taxa.

These include:

<i>Acacia imitans</i>	DRF
<i>Acacia unguicula</i>	DRF
<i>Allocasuarina tessellata</i>	Priority 1
<i>Dodonaea sp. Ninghan</i>	Priority 1
<i>Grevillea scabrida</i>	Priority 3
<i>Hybanthus cymulosus</i>	DRF
<i>Micromyrtus cuensis</i>	Priority 1
<i>Micromyrtus racemosa var mucronata</i>	Priority 1
<i>Micromyrtus ninghanensis</i>	Priority 1
<i>Psammomoya implexa</i>	Priority 3 (may have been found on Whitewells by Gardner.)

Granites

Areas of granites, particularly in the north west corner may have populations of other priority taxa. None are at present recorded there, but there has been no survey for them in that area as far as I am aware.

<i>Baeckea sp. Paynes Find</i>	Priority 1
<i>Baeckea sp. Perenjori</i>	Priority 2
<i>Acacia cerastes</i>	Priority 1
<i>Eucalyptus crucis subsp. praecipua</i>	DRF
<i>Wurmbea murchisoniana</i>	Priority 4
<i>Korthalsella leucothrix</i> (around granite rock)	Priority 1 (parasitic on <i>Acacia acuminata</i>)

Whitewells Station

* = previously recorded

<i>*Acacia acanthoclada</i> subsp. <i>glaucescens</i>	Priority 3
<i>Acacia cerastes</i>	Priority 1
<i>*Acacia formidabilis</i>	Priority 3
<i>Acacia imitans</i>	DRF
<i>Acacia inceana</i> subsp. <i>latifolia</i>	Priority 1
<i>Acacia isoneura</i> subsp. <i>nimia</i>	Priority 3
<i>Acacia nigripilosa</i> subsp. <i>latifolia</i>	Priority 3
<i>Acacia scalena</i>	Priority 3
<i>Acacia unguicula</i>	DRF
<i>Allocasuarina tessellata</i>	Priority 1
<i>Angianthus micropodioides</i>	Priority 3
<i>Astartea clavifolia</i>	Priority 2
<i>Baeckea</i> sp. <i>Bunjil</i>	Priority 1
<i>Baeckea</i> sp. <i>Paynes Find</i>	Priority 1
<i>Baeckea</i> sp. <i>Perenjori</i>	Priority 2
<i>Calytrix plumulosa</i>	Priority 3
<i>Chamelaucium conostigmum</i>	Priority 3
<i>*Comesperma griffinii</i>	Priority 2
<i>Cryptandra imbricata</i>	Priority 3
<i>Dodonaea</i> sp. <i>Ninghan</i>	Priority 1
<i>Eremophila viscida</i>	DRF
<i>Eucalyptus crucis</i> subsp. <i>praecipua</i>	DRF
<i>*Euryomyrtus recurva</i>	Priority 3
<i>Gnephosis setifera</i>	Priority 1
<i>Goodenia perryi</i>	Priority 3
<i>Grevillea asparagoides</i>	Priority 3
<i>Grevillea granulosa</i>	Priority 3
<i>Grevillea scabrida</i>	Priority 3
<i>*Grevillea subtiliflora</i>	Priority 1
<i>Hybanthus cymulosus</i>	DRF
<i>Jacksonia velutina</i>	Priority 4
<i>Korthalsella leucothrix</i>	Priority 1
<i>Lechenaultia galactites</i>	Priority 3
<i>Micromyrtus cuensis</i>	Priority 1
<i>Micromyrtus racemosa</i> var. <i>mucronata</i>	Priority 1
<i>Micromyrtus ninghanensis</i>	Priority 1
<i>*Persoonia pentasticha</i>	Priority 2
<i>*Philothea nutans</i>	Priority 1
<i>Pityrodia axillaris</i>	DRF
<i>Psammomoya implexa</i>	Priority 3
<i>Stylidium coroniforme</i>	DRF
<i>Urodon capitatus</i>	Priority 3
<i>*Verticordia venusta</i>	Priority 3
<i>Wurmbea murchisoniana</i>	Priority 4

Whitewells Station

* = previously recorded

Flowering

* <i>Acacia acanthoclada</i> subsp. <i>glaucescens</i>	Priority 3	7-9
<i>Acacia cerastes</i>	Priority 1	8
* <i>Acacia formidabilis</i>	Priority 3	7
<i>Acacia imitans</i>	DRF	8
<i>Acacia inceana</i> subsp. <i>latifolia</i>	Priority 1	8-9
<i>Acacia isoneura</i> subsp. <i>nimia</i>	Priority 3	7-8
<i>Acacia nigripilosa</i> subsp. <i>latifolia</i>	Priority 3	8-9
<i>Acacia scalena</i>	Priority 3	5-9
<i>Acacia unguicula</i>	DRF	8-9
<i>Allocasuarina tessellata</i>	Priority 1	4
<i>Angianthus micropodioides</i>	Priority 3	11-2
<i>Astartea clavifolia</i>	Priority 2	9-10
<i>Baeckea</i> sp. Bunjil	Priority 1	11-12
<i>Baeckea</i> sp. Paynes Find	Priority 1	8-10
<i>Baeckea</i> sp. Perenjori	Priority 2	8
<i>Calytrix plumulosa</i>	Priority 3	10-11
<i>Chamelaucium conostigmum</i>	Priority 3	9-11
* <i>Comesperma griffinii</i>	Priority 2	10-11
<i>Cryptandra imbricata</i>	Priority 3	7-9
<i>Dodonaea</i> sp. Ninghan	Priority 1	-
<i>Eremophila viscida</i>	DRF	9-10
<i>Eucalyptus crucis</i> subsp. <i>praecipua</i>	DRF	-
* <i>Euryomyrtus recurva</i>	Priority 3	7-9
<i>Gnephosis setifera</i>	Priority 1	9
<i>Goodenia perryi</i>	Priority 3	10-11
<i>Grevillea asparagoides</i>	Priority 3	7-9
<i>Grevillea granulosa</i>	Priority 3	7
<i>Grevillea scabrida</i>	Priority 3	7
* <i>Grevillea subtiliflora</i>	Priority 1	8-9
<i>Hybanthus cymulosus</i>	DRF	8
<i>Jacksonia velutina</i>	Priority 4	8-9, 11
<i>Korthalsella leucothrix</i>	Priority 1	8
<i>Lechenaultia galactites</i>	Priority 3	6, 9, 10
<i>Micromyrtus cuensis</i>	Priority 1	7-9
<i>Micromyrtus racemosa</i> var. <i>mucronata</i>	Priority 1	7-9
<i>Micromyrtus ninghanensis</i>	Priority 1	9-10
* <i>Persoonia pentasticha</i>	Priority 2	8
* <i>Philothea nutans</i>	Priority 1	8
<i>Pityrodia axillaris</i>	DRF	7-10
<i>Psammomoya implexa</i>	Priority 3	8-10
<i>Stylidium coroniforme</i>	DRF	9
<i>Urodon capitatus</i>	Priority 3	9-12
* <i>Verticordia venusta</i>	Priority 3	11
<i>Wurmbea murchisoniana</i>	Priority 4	7-9